

Education Longitudinal Study of 2002 (ELS:2002) Third Follow-Up Data File Documentation

Appendixes

This page left intentionally blank.

Education Longitudinal Study of 2002 (ELS:2002) Third Follow-Up Data File Documentation

Appendixes

January 2014

Steven J. Ingels
Daniel J. Pratt
Christopher P. Alexander
Donna M. Jewell
Erich Lauff
Tiffany L. Mattox
David Wilson
RTI International

Elise Christopher
Project Officer
National Center for Education Statistics

U.S. Department of Education

Arne Duncan
Secretary

Institute of Education Sciences

John Easton
Director

National Center for Education Statistics

Jack Buckley
Commissioner

Sample Surveys Division

Chris Chapman
Acting Associate Commissioner

The National Center for Education Statistics (NCES) is the primary federal entity for collecting, analyzing, and reporting data related to education in the United States and other nations. It fulfills a congressional mandate to collect, collate, analyze, and report full and complete statistics on the condition of education in the United States; conduct and publish reports and specialized analyses of the meaning and significance of such statistics; assist state and local education agencies in improving their statistical systems; and review and report on education activities in foreign countries.

NCES activities are designed to address high-priority education data needs; provide consistent, reliable, complete, and accurate indicators of education status and trends; and report timely, useful, and high-quality data to the U.S. Department of Education, the Congress, the states, and other education policymakers, practitioners, data users, and the general public. Unless specifically noted all information contained herein is in the public domain.

We strive to make our products available in a variety of formats and in language that is appropriate to a variety of audiences. You, as our customer, are the best judge of our success in communicating information effectively. If you have any comments or suggestions about this or any other NCES product or report, we would like to hear from you. Please direct your comments to

NCES, Institute of Education Sciences
U.S. Department of Education
1990 K Street NW, Washington, DC 20006-5651

January 2014

The NCES Home Page address is <http://nces.ed.gov>.

The NCES Publications and Products address is <http://nces.ed.gov/pubsearch>.

This publication is only available online. To download, view, and print the report as a PDF file, go to the NCES Publications and Products address shown above.

This report was prepared for the National Center for Education Statistics under Contract No. ED-04-CO-0036/004 with RTI International. Mention of trade names, commercial products, or organizations does not imply endorsement by the U.S. Government.

Suggested Citation

Ingels, S.J., Pratt, D.J., Alexander, C.P., Jewell, D.M., Lauff, E. Mattox, T.L., and Wilson, D. (2014). *Education Longitudinal Study of 2002 Third Follow-up Data File Documentation* (NCES 2014-364). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC. Retrieved [date] from <http://nces.ed.gov/pubsearch>.

Content Contact

Elise Christopher
(202) 502-7899
elise.christopher@ed.gov

This page left intentionally blank.

Contents

Appendix A. Glossary of Terms	A-1
Appendix B. Cross-Cohort Comparisons	B-1
Appendix C. Facsimile of the Third Follow-Up Survey Instrument.....	C-1
Appendix D. FS Flow Charts	D-1
Appendix E. Occupational Crosswalk: O*NET and ELS:2002 Classifications.....	E-1
Appendix F. Weight Adjustments	F-1
Appendix G. Design Effects	G-1
Appendix H. Unit Nonresponse	H-1
Appendix I. Item Nonresponse	I-1
Appendix J. Responsive Design Bias Estimates	J-1
Appendix K. Extant Sources.....	K-1
Appendix L. Extant Variable List	L-1
Appendix M. All Variables.....	M-1
Appendix N. F3 Composites.....	N-1

This page left intentionally blank.

Appendix A.

Glossary of Terms

This page left intentionally blank.

Accommodations (testing): In the Education Longitudinal Study of 2002 (ELS:2002), certain accommodations were offered to students with barriers to participation, such as students with disabilities or English-language learners with limited English proficiency. An accommodation is a change in how a test is presented, in how a test is administered, or in how the test taker is allowed to respond. This term generally refers to changes that do not substantially alter what the test measures. The proper use of accommodations does not substantially change academic level or performance criteria. Appropriate accommodations are made to provide equal opportunity to demonstrate knowledge. Examples of test accommodations include allowing extra time, use of a large-print version of a test, or conveying instructions in sign language. Cases in which accommodations were implemented in ELS:2002 are specially flagged (the indicators are BYTXACC and FITXACC).

Adaptive testing: Beyond being “grade-level” adaptive, procedures were followed in ELS:2002 to make the assessments further adaptive by matching test items to student ability. In the ELS:2002 base year, multiple test forms of varying levels of difficulty were assigned based on the examinee’s score on a routing test. Thus, the specific sequence of questions that each student answered was tailored to that student’s ability level. An advantage of adaptive tests is that reliability per unit of testing time is greater than in a nonadaptive test. Adaptive procedures help to minimize floor and ceiling effects (see *Ceiling effect* and *Floor effect*). ELS:2002 adaptive testing relies on Item Response Theory (see *IRT*) assumptions to place students who have taken different test forms on the same vertical score scale. In the first follow-up, each student’s test form was assigned on the basis of base-year test performance.

American Indian or Alaska Native: An American Indian or Alaska Native is a person who has origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.

Asian: An Asian is a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Base weights: See *Design weights*.

Bias: Bias is the difference between the reported value and the true value. Thus, the bias of an estimate is the difference between the expected value of a sample estimate and the corresponding true value for the population. Response bias is the difference between respondent reports and their behavior or characteristics. Nonresponse bias is the difference that occurs when respondents differ as a group from nonrespondents on a characteristic being studied. Sample bias is the unequal selection or the omission of members of the population, without appropriate weighting. Relatedly, undercoverage bias arises because some portion of the potential sampling frame is missed or excluded, or there are duplicate units. For example, if the school list from which a school sample is drawn is incomplete or inaccurate (owing, for example, to the opening

of new schools subsequent to the time the list was drawn up), school undercoverage may occur. (See also *Nonresponse bias* and *Bias analysis*.)

Bias analysis: Nonresponse bias analysis compares the characteristics of respondents and nonrespondents. Both unit nonresponse (school, student) and item nonresponse on questionnaires were subject to bias analyses in ELS:2002. For example, certain key data items were obtained for both responding and nonresponding schools, so that a school nonresponse analysis could be conducted and bias in school-level estimates quantified.

Black or African American: A person having origins in any of the Black racial groups of Africa.

Burden: Formally, burden is the aggregate hours realistically required for data providers to participate in a data collection. Burden also has a subjective or psychological dimension: the degree to which providing information is regarded as onerous may depend on the salience to the respondent of the questions that are being posed and on other factors, such as competing time demands.

Carnegie unit: A factor used to standardize credits in secondary education. This standard measurement represents the completion of a course that meets one period per day (45 to 60 minutes) for 1 academic year.

CAPI: Computer-assisted personal interviewing, in which the questionnaire is loaded into a field interviewer's laptop computer.

CATI: Computer-assisted telephone interviewing.

CCD: Common Core of Data. Data annually collected from all public schools in the United States by *NCES*. Data from the CCD supplied the public school sampling frame for the ELS:2002 base year.

CD-ROM: Compact Disc Read-Only Memory. ELS:2002 data are distributed primarily in an optical laser disc medium, specifically, CD-ROM. A CD-ROM is a computer storage disc in the same physical form as an audio CD; it can store approximately 650 megabytes of digital data.

Ceiling effect: The result of a test having insufficient numbers of the more difficult items. In a longitudinal study, ceiling effects in the follow-up can cause change scores to be artificially constrained for high-ability examinees. The measurement problems related to floor and ceiling effects in combination with regression effects found at the extreme score ranges seriously hamper the accuracy of change measures in longitudinal studies. More information (i.e., smaller error of measurement) is obtained with respect to ability level if high-ability individuals receive relatively harder items (and if low-ability individuals receive proportionately easier items). The matching of item difficulty to a person's ability level yields increased reliability at the extremes of the score distribution, where it is most needed for studies of

longitudinal change. A strategy employed in ELS:2002 to minimize ceiling (and floor) effects is to employ test forms that are “adaptive” to the ability level of the examinee. Multilevel tests—with second stage test assignment that is based on the first stage (routing test) performance work—minimize the possibility that ceiling effects might bias the estimates of the score gains. (See also *Adaptive testing* and *Floor effect*.)

Classical test theory: Classical test theory postulates that a test score can be decomposed into two parts—a true score and an error component; that the error component is random with a mean of zero and is uncorrelated with true scores; and that true scores, observed scores, and error components are linearly related.

Closed-ended: A type of question in which the data provider’s responses are limited to given alternatives (as opposed to an open-ended question). (See also *Open-ended*.)

Clustering: A sample selection method in which small geographical areas such as schools (as is the case in ELS:2002), school districts, counties, or residential blocks are selected as an initial stage, with individuals selected in a subsequent step. (See also *PSU*.)

Cluster size: The number of ELS:2002 sample members attending a particular high school.

Codebook: Documentation of each variable being measured, including variable name, columns occupied by each variable in the data matrix, values used to define each variable, unweighted frequencies, unweighted percents, and weighted valid percents. (See *ECB*.)

Coefficient of variation: The ratio of the *standard deviation* of an estimate to the value of the estimate.

Cognitive test battery: One of the two parts of the student survey (the second part being the student questionnaire). Two achievement areas (mathematics and reading) were measured in the base year. Mathematics achievement was measured again in the first follow-up.

Cohort: A group of individuals who have a statistical factor in common—for example, year of birth, grade in school, or year of high school graduation. ELS:2002 is a sophomore-grade cohort based on the spring term of the 2001–02 school year. It also contains, however, a nationally representative sample of high school seniors in the spring term of the 2003–04 school year (see *Freshening*). In contrast, the Program for International Student Assessment (*PISA*) is an age cohort, based on students who were 15.25 years of age.

Composite variable: A composite variable is one that is either constructed through the combination of two or more variables (socioeconomic status, for example, combines mother’s education, father’s education, mother’s occupation, father’s occupation, and family income) or calculated through the application of a mathematical function or transformation to a variable (e.g., conversion of raw test scores to percentile ranks). Also called a derived variable, created variable, or constructed variable.

Concordance: Concordance is a weaker form of test linkage than *equating* in that the link is based on population distributions rather than the equivalence of interchangeable scores. Implementation in ELS:2002 of PISA scale scores in reading and math and of *NAEP* math scores was through a concordance using (primarily) an equipercentile transformation or linkage. (See also *Equating* and *Equated test score*.)

Confidence interval: A sample-based estimate expressed as an interval or range of values within which the true population value is expected to be located (with a specified degree of confidence).

Confidentiality protections: *NCES* is required by law to protect individually identifiable data from unauthorized disclosure. To this end, the ELS:2002 data have been subject to a disclosure risk analysis to determine which records require masking to produce the public-use data file from the restricted-use data file. Disclosure coarsening techniques (such as recoding of continuous variables into categorical, top and bottom coding, and so on) and data perturbation techniques (e.g., data swapping) have been used to provide disclosure protection to the ELS:2002 data. (See also *Data swapping* and *Disclosure risk analysis*.)

Consent, active (explicit): One variety of informed consent is called active or explicit consent. Typically, in active consent, a signed agreement to participate in a study must be obtained. In ELS:2002, permission of parents was required before students could be surveyed. Some schools required active parental consent (i.e., that a signed permission form be obtained).

Consent, passive (implied): Another variety of informed consent is called passive or implied consent. In passive consent, a permission form is sent to the relevant party (in ELS:2002, normally the parent or guardian of the sampled student), who has the opportunity to return the form to indicate denial of permission. If the form is not returned, it is assumed that the individual has no objection to survey participation. In ELS:2002, most schools allowed passive parental consent for their child's participation in the study.

Constructed response item: In the ELS:2002 assessment battery in the base year, a non-multiple-choice item that required some type of written response.

Contextual data: In ELS:2002, the primary unit of analysis is the student, and information from the other study components, referred to as contextual data, should be viewed as extensions of the student data. For example, observations made in school administrator, teacher, librarian, and parent reports on the student's school learning environment or home situation would be considered contextual data.

Course offerings file: An ELS:2002 restricted-use data file providing a comprehensive list of the courses offered by schools participating in the base year of the study. A *CSSC* (Classification of Secondary School Courses) code is associated with each course title.

Criterion-referenced: A criterion-referenced test allows its user to measure how well a student or groups of students have learned a specific body of knowledge and skills—it tests what

they can do and what they know, and at least in theory, all examinees could obtain a perfect score. The ELS:2002 IRT-estimated number-correct scores are examples of criterion-referenced measures of status at a point in time. The criterion is the knowledge and set of skills defined by the assessment framework and represented by the assessment item pool. In contrast, the purpose of norm-referenced tests is to rank or compare students. (See *Norm-referenced*.)

Cross-cohort (or intercohort) analysis: The ELS:2002 base-year and first follow-up surveys contained many data elements that were comparable to items from prior studies. There are also some comparison points between ELS:2002 second follow-up and the prior secondary longitudinal studies, and comparison is possible between the ELS:2002 third follow-up in 2012 and the *NELS:88* fourth follow-up in 2000.

Essentially, three kinds of intercohort comparison are possible. First, cohorts can be compared on an *intergenerational or cross-cohort time-lag basis*. Both cross-sectional and longitudinal time-lag comparisons may be made. An example of a cross-sectional time-lag comparison would be looking at the status of *HS&B* (1980), *NELS:88* (1990), and ELS:2002 (2002) sophomores to see how the situation of sophomores has changed over time. An example of longitudinal time-lag comparison would be an examination of the magnitude and correlates of achievement gain of *HS&B*, *NELS:88*, and ELS:2002 sophomores over the last 2 years of high school. Second, *fixed-time comparisons* are also possible, in which groups within each study are compared at different ages but the same point in time (e.g., *NLS:72*, *HS&B* senior, and *HS&B* sophomore cohorts all could be looked at in 1986, some 14, 6, and 4 years after each respective cohort graduated from high school). Such a perspective would permit one to compare, for example, employment rates for 22-, 24-, and 32-year-old high school graduates. Finally, longitudinal comparative analysis of the cohorts can be performed by modeling the history of the grade cohorts.

Cross-sectional analysis: A cross-sectional design represents events and statuses at a single point in time. For example, a cross-sectional survey may measure the cumulative educational attainment (achievements, attitudes, statuses) of students at a particular stage of schooling, such as 10th or 12th grade. In contrast, a longitudinal survey (or repeated measurement of the same sample units) measures the change or growth in educational attainment that occurs over a particular period of schooling. The longitudinal design of ELS:2002 generates two representative cross-sections (high school sophomores in 2002 and, through sample freshening, seniors in 2004). It also permits analysis of individual-level change over time through longitudinal analysis and of group-level and intercohort change through the cross-sectional comparisons to past studies of similarly defined grade cohorts. (See also *Cross-cohort analysis* and *Longitudinal or panel survey*.)

CSSC: Classification of Secondary School Courses. A coding system, used since *HS&B* and updated many times, employed for the purpose of standardizing transcripts. The CSSC is a modification of the Classification of Instructional Program (CIP) used for classifying college

courses. Each CSSC course code contains six digits. The first two digits identify the main program area; the second two digits represent a subcategory of courses within the main program area; and the final two digits define the specific course. For example, for CSSC code 400522, the first two digits (40) define physical sciences, the middle two digits (05) define the chemistry subcategory, and the final two digits (22) define the course Advanced Chemistry.

Data element: The most basic unit of information. In data processing, it is the fundamental data structure. It is defined by its size (in characters) and data type (e.g., alphanumeric, numeric only, true/false, date) and may include a specific set of values or range of values.

Data swapping: Data swapping is defined in the *NCES Statistical Standards* (Seastrom 2003) as a perturbation disclosure limitation technique that results in a confidentiality edit. An example of data swapping would be to assume a data file has two potential individual identifying variables, for example, sex and age. If a sample case needs disclosure protection, it is paired with another sampled case so that each element of the pair has the same age, but different sexes. The data on these two records are then swapped. After the swapping, anyone thinking they have identified either one of the paired cases gets the data of the other case, so they have not made an accurate match and the data have been protected. (See also *Confidentiality protections*.)

Design effect: A measure of sample efficiency. The design effect (DEFF) is the variance of an estimate divided by the variance of the estimate that would have occurred if a sample of the same size had been selected using simple random sampling. Sometimes it is more useful to work with standard errors than with variances. The root design effect (DEFT) expresses the relation between the actual standard error of an estimate and the standard error of the corresponding estimates from a simple random sample. (See also *Effective sample size*.)

Design weights: Design weights compensate for unequal probabilities of selection. More specifically, the design weight is the inverse of the probability of selection. Design weights are also called raw weights, base weights, unadjusted weights, or sampling weights. Design weights may be contrasted to adjusted weights (adjusted to compensate for nonresponse, and also called final weights or analysis weights). Roughly, the design weight is calculated as the inverse of the probability of selection, taking into account all stages of the sample selection process. More precisely, design weights are the inverses of the expected frequencies with which population units appear in conceptually repeated samples selected using the sampling design developed for the study. Unlike the final weights, design weights are generated for all sample members, respondents and nonrespondents alike. Design weights do not appear on the ELS:2002 public-use files. (See also *Final weights* and *Sampling weights*.)

DIF: Differential Item Functioning. DIF exists when examinees of equal ability differ on an item solely because of their membership in a particular group (e.g., if an item favors males over females, or one racial or ethnic group over another, and cannot be explained by relevant

factors such as differential coursetaking). DIF for ELS:2002 items was examined in the base-year and first follow-up field tests. Items with DIF problems were revised or deleted.

Disability: A disability is a physical or mental impairment that substantially limits one or more of the major life activities (Title 42 U.S.C. Section 12102).

Disclosure risk analysis: Investigation of study data to evaluate and minimize the risk of identification of individual sample units to preserve the confidentiality of the data. ELS:2002 data have been subjected to a disclosure risk analysis to protect confidential information about individual respondents (see *Public-use data file*). For a more detailed account of disclosure risk analysis, and of means of altering data (including masking, data perturbation, and data swapping) to prevent disclosure, see the *NCES Statistical Standards* (Seastrom 2003).

Domain: In assessment a domain refers to a defined universe of knowledge, skills, abilities, attitudes, interests, or other human characteristics, or the full array of manifestations of the particular subject matter being measured. A domain in the context of sample design refers to an analysis group within the target population, such as (in ELS:2002) sophomore cohort dropouts, graduating seniors, males, females, Asians, and so on, for which certain precision requirements must be met to support analysis.

Dropouts: In the ELS:2002 first follow-up, following the precedent of *HS&B* and *NELS:88*, a dropout was defined as a sophomore cohort member who, during spring term 2004, had not been in school for 4 consecutive weeks or more and was not absent because of accident or illness. However, additional dropout episodes were also collected (out-of-school students were asked about earlier dropout episodes, and provided dates (month, year) for dropout episodes. High school attainment has been monitored across survey waves, including the third follow-up interview, and additional information about dropping out can be found on the transcript file. (See also *NCSQ*.)

ECB: Electronic codebook. Electronic codebooks are menu-driven systems that allow users to perform functions such as the following: (a) search a list of database variables based on key words or variable names/labels, (b) display unweighted percentages for each variable in the database, (c) display question text for each variable in the database, (d) select or tag variables for subsequent analysis, (e) generate program code/command statements for subsequently constructing a system file of the selected variables, and (f) generate a codebook of the selected variables.

Effective sample size: Effective sample size may be defined as the ratio of the raw sample size divided by the design effect. (For example, the sampling variance of a mean standard score is equal to the reciprocal of the effective sample size, not the reciprocal of the raw sample size.) In essence, then, effective sample size is the sample size under a simple random sample design that is equivalent to the actual sample under the complex sample design, wherein the actual sample size is determined by multiplying the effective sample size by the anticipated design effect. (See also *Design effect*.)

EGQ: Early graduate questionnaire. This first follow-up questionnaire was administered to individuals who had graduated or received high school equivalency certification (e.g., the *GED test*) prior to March 15, 2004.

Equated test score: Test equating takes place in two distinct contexts in ELS:2002. One context is vertical equating of forms for use in successive grades, such that the achievement growth of individual ELS:2002 sample members over time can be accurately measured. Another context is cross-sectional equating and linking, as to other tests (e.g., placing ELS:2002 sophomores and *HS&B* or *NELS:88* sophomores on an equivalent scale).

Equating: Equating of two tests is established when examinees of every ability level and from every population group can be indifferent about which of two tests they take. Not only should they have the same expected mean score on each test, but they should also have the same errors of measurement. In contrast, test linkage results from placing two or more tests on the same scale, so that scores can be used interchangeably. In ELS:2002, there is both vertical equating (the scale spans grades 10 and 12) and lateral equating to the tests of *NELS:88* (and in sophomore math, *HS&B*). This equating was achieved through *IRT* methods such as anchor (common item) equating. (See also *Concordance* and *Equated test score*.)

Expanded sample: Although no sophomores were excluded from ELS:2002, those who could not validly be assessed or could not validly complete the student questionnaire (e.g., students with a severe disability or limitation in their knowledge of the English language) were not eligible for these components. Contextual data (parent, teacher, school administrator) reports were collected for this group. In 2004–05, their transcripts were collected. The base-year expanded sample comprises all ELS:2002 sophomores, that is, both those who were eligible to complete the student questionnaire and test and those who were not. The first follow-up expanded sample also includes freshened cases. Some students who were eligible for questionnaire completion in 2002 suffered an impairment that led to their reclassification as ineligible in 2004. With greater frequency, some 2002 sophomores who were not capable of questionnaire completion became eligible in 2004, as their status changed. The expanded sample comprises all sample members regardless of eligibility for questionnaire completion. (See also *Questionnaire-incapable students*.)

Facilities checklist: Completed by the RTI survey administrator in the base year of the study, the facilities checklist is designed to extend the information available about the school by providing data on the school buildings and grounds that will help researchers understand the adequacy and appearance of the school's physical plant, its safety and security features, and its role as a constituent of the school's general environment.

FAFSA: Free Application for Federal Student Aid. Generally students interested in financial aid for postsecondary education must complete this form, data from which (collected in the second, and third, follow-ups) has been included on the ELS:2002 second and third follow-up restricted-use *ECB*.

File: Refers to a data file containing a set of related computerized records.

Final weights: Final weights are sometimes called nonresponse-adjusted weights, adjusted weights, or analysis weights. Building on the design (raw) weight, they compensate for nonresponse. (See *Design weights*.)

Floor effect: The result of a cognitive test being too difficult for a large number of the examinees, causing the low-ability examinees to receive chance scores on the first testing, and on subsequent testings if the test remains too difficult. Floor effects result in an inability to discriminate among low-ability individuals at time one or time two and, thus, no reliable discrimination among examinees with respect to amounts of change. A possible solution, used in ELS:2002, is to develop test forms that are “adaptive” to the ability level of the examinee, which tends to minimize the possibility of floor effects biasing the estimates of the score gains. (See also *Adaptive testing* and *Ceiling effect*.)

Form: a questionnaire “form” is a screen (as in a web survey). A form may contain one question with one item/variable or it may contain one question with multiple items/variables. Some forms are text only so they contain no items/variables (e.g., section introductions). In rare instances, a form may have more than one question on it (e.g., occupation title and duties).

Frame: A list of all the sampling units that represent the population. The Common Core of Data (CCD) and Private School Survey (PSS) were drawn upon for the ELS:2002 school frame. For an implicit list of the nation’s high school sophomores as of spring term 2002, school rosters from participating schools listing their sophomore class were relied on.

Frame population: The set of elements (e.g., schools) that can be enumerated prior to the selection of a survey sample.

Freshening: A freshened sample includes cases from the longitudinal sample of a dataset, plus new cases added to produce cross-sectional estimates of the population at the time of a subsequent wave of a longitudinal data collection. In the ELS:2002 first follow-up, freshening was the means by which high school seniors were added who had not been in the 10th grade in the United States 2 years before. A similar freshening procedure was implemented in NELS:88. (See also *Half-open interval*.)

GED recipient: A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person’s achievement or performance in the broad subject matter areas usually required for high school graduation. (See also *GED test*.)

GED test: General Educational Development test. A test administered by the American Council on Education as the basis for awarding a high school equivalent certification. GED test results are part of the administrative records component of ELS:2002.

Half-open interval: A technique used to increase coverage. It is usually applied to a new list that includes cases that were covered in a previous frame, as well as new in-scope units not

included in the previous frame. In this technique, new in-scope units between unit A on the previous frame up to, but not including, unit B (the next unit on the previous frame) are associated with unit A. These new units have the same selection probability as do unit As. This process is repeated for every unit on the previous frame. The new units associated with the actual sample cases are now included in the sample with their respective selection probabilities (freshening). Student sample freshening in the *NELS:88* first and second follow-ups, and the freshening conducted in the *ELS:2002* first follow-up, relied on such a procedure. The half-open interval procedure was also used for *ELS:2002* base-year sample updating prior to survey day. (See also *Freshening* and *Sample updating or refreshing*.)

Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. The term “Spanish origin” can be used in addition to “Hispanic or Latino.”

HS&B: High School and Beyond. The second in the series of longitudinal high school cohort studies sponsored by *NCES*. The HS&B base-year study surveyed sophomore and senior students in 1980. The sophomore cohort was last interviewed in 1992 and their postsecondary transcripts collected in 1993. The senior cohort was last interviewed in 1986.

HSLs:09: High School Longitudinal Study of 2009. The fifth in the series of longitudinal high school cohort studies sponsored by *NCES*. The HSLs:09 base-year study surveyed fall-term ninth-graders in 2009. A first follow-up was conducted spring term 2012, with a 2013 update and a high school transcript study. The next interview is scheduled for 2016. There was no freshening in HSLs:09, so there is only a ninth-grade cohort. Because data collection points do not align with those of the prior studies, specific cross-cohort comparisons cannot be made to the prior studies.

HSQ: Homeschool student questionnaire. In the first follow-up, this questionnaire was administered to sophomore cohort members who were in a homeschool situation as of the spring term of the 2003–04 school year.

IEP: Individualized Education Program. A written statement or plan for each individual with a disability that is developed, reviewed, and revised in accordance with Title 42 U.S.C. Section 1414(d).

Imputation: Imputation involves substituting values for missing or inconsistent data in a dataset. Prediction of a missing value is typically based on a procedure that uses a mathematical model in combination with available information. Imputation is used to reduce nonresponse bias in survey estimates, simplify analyses, and improve the consistency of results across analyses. Imputations should also preserve multivariate distributions. Missing data for key items in *ELS:2002* have been imputed.

Individually identifiable data: Data from any record, response form, completed survey, or aggregation about an individual or individuals from which information about particular individuals may be revealed.

Instrument: An evaluative device that includes tests, scales, and inventories to measure a domain using standardized procedures.

IRT: Item Response Theory. A method of estimating achievement level by considering the pattern of right, wrong, and omitted responses on all items administered to an individual student. IRT postulates that the probability of correct responses to a set of test questions is a function of true proficiency and of one or more parameters specific to each test question. Rather than merely counting right and wrong responses, the IRT procedure also considers characteristics of each of the test items, such as their difficulty and the likelihood that they could be guessed correctly by low-ability individuals. IRT scores are less likely than simple number-correct or formula scores to be distorted by correct guesses on difficult items if a student's response vector also contains incorrect answers to easier questions. Another attribute of IRT that makes it useful for ELS:2002 is the calibration of item parameters for all items administered to all students. This makes it possible to obtain scores on the same scale for students who took harder or easier forms of the test. IRT also was used to vertically scale across ELS:2002 rounds, that is, between the two grade levels (10th grade in 2002, 12th grade in 2004). (See, in contrast, *Classical test theory*.)

Item nonresponse: The amount of missing information when a valid response to an item or variable was expected. (See also *Bias analysis* and *Unit nonresponse*.)

LEP: Limited English proficient. Increasingly, the term "English Language Learners" (ELLs) is in use for this population. This concept was developed to assist in identifying those language-minority students (individuals from non-English-language backgrounds) who need language assistance services, in their own language or in English, in the schools. (See also *NEP* and *LM*.) An LEP student is one who meets one or more of the following conditions:

- a. the student was born outside of the United States or the student's native language is not English;
- b. the student comes from an environment in which a language other than English is dominant; or
- c. the student is an American Indian or Alaska Native and comes from an environment in which a language other than English has had a significant impact on his or her level of English language proficiency,

and who has such difficulty speaking, reading, writing, or understanding the English language as to deny him or her the opportunity to learn successfully in English-only classrooms.

Library media center questionnaire: This base-year instrument supplies information about library/media center organization and staffing, technology resources, extent of library and

media holdings, student access to and use of the library/media center, and its role in supporting the school's curriculum.

LM: Language Minority. A non-, limited-, or fully English-proficient student in whose home a non-English language is typically spoken.

Longitudinal or panel survey: In a longitudinal design, similar measurements—of the same sample of individuals, institutions, households, or of some other defined unit—are taken at multiple time points. ELS:2002 employs a longitudinal design that follows the same individuals over time and permits the analysis of individual-level change. (See also *Cross-sectional analysis*.)

Machine editing: Also called forced data cleaning or logical editing. Uses computerized instructions (including logical or deductive imputation) in the data cleaning program that ensure common sense consistency within and across the responses from a data provider.

Mahalanobis distance: The distance between a case and some group mean where the mean is defined by a set of independent variables. In the case of ELS:2002, the Mahalanobis distance was used to identify nonresponding cases “furthest” from the set of respondents at certain points during the data collection period.

Microdata (microrecords): Observations of individual sample members, such as those contained on the ELS:2002 data files.

Mode effects: Mode of administration effects can sometimes be a problem for surveys. The ELS:2002 second and third follow-up surveys, for example, were administered in three modes: self-administration via the web, interviewer administration by telephone, and in-person interviewer administration. The concern is that sometimes (and in particular when social desirability of questionnaire responses is a salient consideration) respondents may respond differently to the different stimuli provided by differing administration modes. Every effort was made in ELS:2002 to adapt questions so that differences between modes would be minimized; nor were there highly sensitive questions of the sort most likely to be affected by mode.

NAEP: The National Assessment of Educational Progress. NAEP is a cross-sectional assessment program that measures achievement at the group level for students in 4th, 8th, and 12th grades and provides a time series for measuring trends in academic progress of 9-, 13-, and 17-year-olds. ELS:2002 tests differ from but complement those of NAEP by providing a basis for measuring individual-level achievement growth between 10th and 12th grades in mathematics and relating cognitive gains in this subject to the individual, school, and family factors and processes that are measured in the various ELS:2002 questionnaires and school records (transcript) studies. The ELS:2002 scale score (IRT-estimated number correct) for mathematics in 2004 has been put on the NAEP scale (based on the 2005 12th-grade NAEP mathematics assessment); this concordant score has now been added to the database.

Native Hawaiian or Other Pacific Islander: Any person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

NCES: The National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. This governmental agency is the sponsor of ELS:2002 and is also the sponsoring agency for (among other studies) the National Assessment of Educational Progress (*NAEP*), the U.S. component of the Program for International Student Assessment (*PISA*), the High School Longitudinal Study of 2009 (*HSLs:09*), the National Education Longitudinal Study of 1988 (*NELS:88*), the High School and Beyond (*HS&B*) longitudinal study, and the National Longitudinal Study of the High School Class of 1972 (*NLS:72*).

NCOA: National Change of Address directory. NCOA was used for batch tracing and locating in ELS:2002.

NCSQ: Not currently in school questionnaire. This first follow-up questionnaire was administered to sophomore cohort dropouts. It includes questions both on present circumstances and retrospective items on schooling experience and school disengagement behaviors. (See also *Dropouts*.)

NELS:88: The National Education Longitudinal Study of 1988. Third in the series of longitudinal high school cohort studies sponsored by *NCES*. The study represents three cohorts: the eighth-grade class of 1988, the sophomore class of 1990, and the senior class of 1992. The study collected questionnaire and test data in 1988, 1990, and 1992 on students' school experiences, as well as background information from school administrators, teachers, parents (in the base year and second follow-up only), and school records. Data on postsecondary and out-of-school experiences were collected in interviews conducted in 1994 and 2000 and through a postsecondary education transcripts study in 2000–01.

NEP: No English proficiency. A student who does not speak English. (See also *LEP*.)

New participant supplement (NPS): Base-year nonrespondents who responded in the first follow-up but were not enrolled in the base-year schools (e.g., transfers, dropouts, early graduates) completed this supplement in addition to an appropriate questionnaire. The supplement consists wholly of items from the base year, so that the standard classification variables could be captured for all sample members.

NLS:72: The National Longitudinal Study of the High School Class of 1972. This project was the first in the series of longitudinal high school cohort studies sponsored by *NCES*. The final round of data collection took place in 1986.

Noncoverage: Units of the target population that are missing from the frame population. Includes the problems of incomplete frames and missing units.

Nonresponse: See *Bias analysis*, *Item nonresponse*, *Nonresponse bias*, and *Unit nonresponse*.

Nonresponse bias: Nonresponse bias may occur as a result of not obtaining 100 percent response from the selected cases. More specifically, nonresponse bias occurs when the expected observed value deviates from the population parameter. The potential magnitude of nonresponse bias is estimated as the product of the nonresponse rate and the difference in values of a characteristic between respondents and nonrespondents. (See also *Bias* and *Bias analysis*.)

Nonsampling error: An error in sample estimates that cannot be attributed to sampling fluctuations. Such errors may arise from many sources, including imperfect implementation of sampling procedures, differential unit or item nonresponse across subgroups, bias in estimation, or errors in observation and recording.

Norm-referenced: A norm-referenced test is used to rank or compare students or groups of students relative to each other. It is interpreted based on comparison of an examinee's performance relative to the performance of others in a specified reference population, or by a comparison of a group to other groups. ELS:2002 provides both norm-referenced (normative) and criterion-referenced scores. (See also *Criterion-referenced*.)

NPSQ: New participant student questionnaire. This first follow-up questionnaire was administered to students in the base-year schools 2 years later. The NPSQ elicited responses from two distinct groups: sophomore cohort members who had been base-year nonparticipants, and students brought in through sample freshening. (A small number of students whose eligibility status had changed between rounds completed an NPSQ.) The questionnaire comprised both base-year items (the standard classification variables) and first follow-up items pertaining to students' current school experience.

NSLDS: The National Student Loan Data System. Data from the NSLDS have been included on the ELS:2002 second follow-up and third follow-up restricted use file.

OMB: The Office of Management and Budget, U.S. Executive Branch. OMB is a federal agency with the responsibility for reviewing all studies funded by executive branch agencies. OMB reviewed, commented on, and approved the ELS:2002 questionnaires, as indicated by their approval number and expiration date in the top right corner of the questionnaire covers.

O*NET: Occupational Information Network. One of the industry and occupation coding schemes used on ELS:2002. The O*NET database was developed for the U.S. Department of Labor and represents an extensive set of worker attributes and job characteristics. O*NET provides a nested coding scheme; 23 general-level categories expand to 96 midlevel categories, which expand to 883 specific-level categories.

Open-ended: A type of question in which the data provider's responses are not limited to given alternatives.

Optical scanning: A system of recording responses that transfers responses into machine-readable data through optical mark reading. Data from base-year and first follow-up in-

school survey sessions (and indeed all non-CATI operations across components) were optically scanned.

Out-of-scope: Permanently out-of-scope individuals are no longer associated with the target population. Permanently out-of-scope cases include a sample member determined to be a sampling error (not truly eligible, e.g., not a spring 2002 sophomore or not a freshening-eligible spring 2004 senior), a sample member who has died, or sample members who have been subsampled out of the study by probabilistic methods and their weights redistributed. However, some cases are only temporarily out of scope: these individuals continue to be associated with the target population, but were excluded for a given round. If a sample member was unavailable for the field period (for example, incarcerated, or on a military assignment outside the country and unreachable, or hospitalized), that individual would be classified as out of scope for the current round only; the sample member's status would be investigated again in the next round and an interview pursued at that time if at all possible. Cases that are temporarily or permanently out of scope do not count against the ELS:2002 response rate but may be considered in weighting. Study withdrawals are not re-fielded though they remain eligible.

Oversampling: Deliberately sampling a portion of the population at a higher rate than the remainder of the population. For example, in ELS:2002, private schools have been oversampled. Within schools, Asians have been oversampled.

Panel maintenance: Panel maintenance is an address follow-up with sample members between data collection rounds (thus maximizing the number of sample members who can be readily located).

Paradata: Data which describe the process of survey data collection. Numerous elements of paradata have been identified and include measures like contact history and interviewer interactions. Paradata are often used in responsive design (See also *Responsive design*); in ELS:2002, various paradata, survey and sampling frame variables were incorporated into a distance function calculation (See *Mahalanobis distance*) thus providing an opportunity to target the cases most unlike respondents and therefore, if completed, most likely to reduce nonresponse bias.

Parent/guardian questionnaire: The ELS:2002 base-year parent component sought to collect information from parents of all base-year student sample members. The parent or guardian who knew most about his or her child's educational experience was asked to complete the questionnaire.

PETS: Postsecondary education transcript study. ELS:2002 will collect postsecondary education transcripts for all sample members who reported any postsecondary educational enrollment. The ELS:2002 PETS takes place in a 2013–14 time frame. PETS collections have been conducted for all NCES secondary longitudinal studies cohorts, starting with NLS:72, and offer a point of cross-cohort comparison to ELS:2002. Data files created for the PETS include detailed information about the types of degree programs, periods of enrollment, majors or fields

of study for instructional programs, specific courses taken, grades and credits attained, and credentials earned.

PISA: The Program for International Student Assessment. PISA assesses an age cohort (15-year-olds) in reading, mathematics, and science and was last conducted in 2012. In 2000, the primary focus of the assessment was reading, and in 2003 mathematics. The United States and 31 other nations participated, under the aegis of the Organization for Economic Cooperation and Development. A crosswalk (or *concordance*) has been developed between the ELS:2002 reading test and the PISA reading test, so that the PISA scale can be implemented in ELS:2002. A similar scale linkage (again a concordance) was effected between the ELS:2002 mathematics test (2002) and the PISA math test (2003).

Population: All individuals in the group to which conclusions from a data collection activity are to be applied. Weighted results of ELS:2002 data provide estimates for populations and subgroups.

Population variance: A measure of dispersion defined as the average of the squared deviations between the observed values of the elements of a population or sample and the population mean of those values.

Postsecondary education: The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose and excludes vocational and adult basic education programs.

Poststratification adjustment: A weight adjustment that forces survey estimates to match independent population totals within selected poststrata (adjustment cells). More specifically, poststratification is an estimation method that adjusts the sampling weights after the sample has been selected so that certain sample totals (for example, the proportion of Asians) match counterpart population totals.

Precision: The difference between a sample-based estimate and its expected value. Precision is measured in terms of the sampling error (or standard error) of an estimate.

Probability sample: A sample selected by a method such that each unit has a fixed and determined probability of selection—that is, each population unit has a known, nonzero chance of being included.

Proficiency score: Proficiency scores (or *criterion-referenced* mastery scores) are based on clusters of items within each test that are of similar content and difficulty. The probability of proficiency is a continuous score that can be reported as a mean or a population percentage. Although the IRT-estimated number-correct scores report gains in the aggregate, the proficiency scores report gain disaggregated, by distinct levels of proficiency related to specific knowledge and skills.

PSS: Private School Survey. An *NCES* universe survey encompassing the nation's private schools. PSS was the private school sampling frame for the ELS:2002 base year.

PSU: Primary sampling unit. Unit chosen at the first stage of a multistage (cluster) sample. In ELS:2002, the PSU is the school; in other studies, geographical units such as a county or metropolitan statistical area (MSA) may serve as the PSU.

Public-use data file: A public-use file that includes a subset of data that have been coded, aggregated, or otherwise altered to mask individually identifiable information; it thus is available to all external users. Unique identifiers, geographic detail, and other variables that cannot be suitably altered are not included in public-use data files. Public-use edits are based on an assumption that external users have access to both individual respondent records and secondary data sources that include data that could be used to identify respondents. For this reason, the editing process is relatively extensive. When determining an appropriate masking process, the public-use edit takes into account and guards against matches on common variables from all known files that could be matched to the public-use file. The analysis used to determine which records require masking is called a *disclosure risk analysis*.

Questionnaire-incapable students: It was determined that some ELS:2002 students could not be validly assessed or surveyed, owing to severe physical or mental disabilities or to language barriers. These students were classified as “questionnaire-incapable” but they were not deemed ineligible for the study. They were included in the study; their status was reviewed in the subsequent round or rounds (at which time a few classifications changed); and while assessment and questionnaire data could not be collected from them, school, teacher, and parent contextual data were gathered for this group, and high school transcripts collected for them as well. In some ELS:2002 documentation, this group is called “questionnaire ineligible.” (See also *Expanded Sample*.)

Range check: A determination of whether responses fall within a predetermined set of acceptable values.

Record format: The layout of the information contained in a data record (includes the name, type, and size of each field in the record).

Records: A logical grouping of data elements within a file upon which a computer program acts.

Refreshed student: See *Sample updating or refreshing*.

Relative bias: Relative bias is the bias of the estimate divided by the estimate. It provides an indication of the order of magnitude of the bias with respect to the estimate.

Reliability: The consistency in results of a test or measurement including the tendency of the test or measurement to produce the same results when applied twice to some entity or attribute believed not to have changed in the interval between measurements.

Response rate: unconditional *unit response* rates are calculated as the ratio of the weighted number of completed instruments to the weighted number of eligible cases, using the sample base weight (the inverse of the probability of selection). In multistage samples, such as the base year of ELS:2002, overall response is the product of both stages (although for many purposes, the stages [school and student] are reported separately, especially, as in ELS:2002, if the first-stage analysis reveals little bias). The subsequent follow-up response rates that are reported in this document are conditional response rates, that is, they are conditioned on the case having been fielded. The response rate is weighted, using the base weight. A conditional response rate is appropriate for methodological reporting in that the fielded cases supply the best basis for evaluating survey effort and success. Thus, response rates for the follow-ups do not include unfielded eligible (e.g., study withdrawals, hospitalized or incarcerated for the duration of the field period) or unfielded ineligible (deceased, sampling error) cases in the denominator of the rate. The unfielded eligible cases also include double (base-year and first follow-up) nonrespondents, and freshened nonrespondents (who also lack data for both prior rounds).

Item response rates are calculated as the ratio of the number of respondents for whom an in-scope response was obtained to the number of respondents who are asked to answer a given item. Calculation of unit and item response rates can be a complex matter, and additional considerations arise in reporting in follow-up waves of longitudinal studies, for composite (constructed) variables, and for other cases. More detailed information can be found by consulting NCES Standard 1-3 in the NCES 2002 Statistical Standards document (available at <http://nces.ed.gov/statprog/2002/stdtoc.asp>). Bias analyses conducted when response rates are below targets help to assess any possible limitations to the generalizability of survey estimates. (See *Bias analysis*. (See also *Out-of-scope*.)

Responsive design: A concept introduced by Groves and Heeringa (2006) where survey design features that can impact cost and survey statistics are pre-identified prior to data collection. Indicators of these design features are developed and monitored at two or more points during data collection. Ideally, these indicators demonstrate potential error risks and the survey design is adapted to mitigate those emerging risks.

Restricted-use data file: A restricted-use file includes individually identifiable information that is confidential and protected by law. The restricted file is a superset of all variables: The file contains all public-use variables as well as additional data (for example, it may include a categorical version of a variable from the public file, as well as a continuous version of the variable that is not found on the public file). Use of the restricted data requires the researcher to obtain a special license from NCES.

Round: A round of data collection in a longitudinal survey (e.g., the base year and each successive follow-up are rounds of data collection).

RTI International (RTI): A nonprofit university-affiliated research organization with headquarters at Research Triangle Park, North Carolina, that conducted the base-year through

third follow-up studies for *NCES* and is currently gathering data for the ELS:2002 Postsecondary Education Transcript Study. RTI International is a trade name of Research Triangle Institute.

Sample: Subgroup selected, by a probability method, from the entire population, to represent it.

Sample updating or *refreshing*: Because students can transfer into or out of a school after sampling, the base-year student sample in ELS:2002 (as in *HS&B* and *NELS:88*) was updated to remove students who had transferred out and to give sophomores who had transferred in since sampling a chance of selection. The half-open interval procedure was employed for sample updating prior to survey day, using the school 10th-grade enrollment lists.

Sampling error: The part of the difference between a value for an entire population and an estimate of that value derived from a probability sample that results from observing only a sample of values.

Sampling frame: See *Frame* or *Frame population*.

Sampling variance: A measure of dispersion of values of a statistic that would occur if the survey were repeated a large number of times using the same sample design, instrument, and data collection methodology. The square root of the sampling variance is the *standard error*.

Sampling weights: A multiplicative factor equal to the reciprocal of the probability of a respondent being selected for the study, with adjustment for nonresponse. The sum of the weights provides an estimate of the number of persons in the population represented by a respondent in the sample.

SAT: The Scholastic Achievement Test (formerly called the Scholastic Aptitude Test), an examination administered by Educational Testing Service for the College Board and used to predict the facility with which an individual will progress in learning college-level academic subjects. ELS:2002 collected student SAT scores whenever possible.

Scaling: Scaling refers to the process of assigning a scale score based on the pattern of responses. (See also *Equated test score* and *IRT*.)

School administrator questionnaire: This questionnaire was administered in both the base year and, with changes, the first follow-up. The questionnaire sought basic information about school policies, curriculum and program offerings, and student and teacher characteristics.

School climate: The social system and ethos or culture of the school, including the organizational structure of the school and values and expectations within it.

School coordinator: A person designated in each school to act as a contact person between the school and RTI. This person assisted with establishing a survey day in the school and preparing for the survey.

Selection probability: The chance that a particular sampling unit has of being selected in the sample.

SRS: Simple random sampling. SRS uses equal probability sampling with no strata or clusters. The ELS:2002 sample is stratified and clustered. Most statistical analysis software assumes SRS and independently distributed errors. For studies such as ELS:2002, special variance estimation software (such as SUDAAN, WesVar, AM, or Stata) is required to compute the standard error of estimates.

Standard deviation: The most widely used measure of dispersion of a frequency distribution. It is equal to the positive square root of the population variance.

Standard error: The positive square root of the sampling variance. It is a measure of the dispersion of the sampling distribution of a statistic. Standard errors are used to establish confidence intervals for the statistics being analyzed.

Statistical significance: The finding (based on a derived probability, rather than a certitude) that two or more estimates are truly different from one another and not a merely apparent difference reflecting chance variation.

Stratification: The division of a population into parts, or strata. In a stratified sample, the total population is divided into strata or subgroups. Strata are created by partitioning the frame and are generally defined to include relatively homogeneous units within strata. Stratification is used to reduce sampling error. In ELS:2002, the sampling frame was sorted to create strata or subgroups of schools, and schools were selected independently within each stratum. Schools were stratified by superstrata (combinations of school type or sector and geographic region) and substrata (urban, suburban, rural). Further, in the ELS:2002 ECBs, to properly reflect the original design for variance estimation based on Taylor Series linearization, the *sampling strata* were used as the basis for *analysis strata*. The base-year sampling design employed 96 sampling strata and 752 primary sampling units; 361 analysis strata (normally containing two PSUs per stratum) were formed by grouping together the 752 sampling PSUs. The responding schools (PSUs) were sorted within sampling strata in the same order as was originally used for sampling, and then adjacent analysis PSUs were paired to form analysis strata.

Survey administrator: A member of RTI's field staff in charge of conducting in-school data collection sessions (see *Survey day*). The individual in this role was called a team leader in *NELS:88* and a survey representative in *HS&B*.

Survey day: A day chosen by the school during the data collection period when an RTI survey administrator and assistant administered the survey to the school's sample of students. The survey day session lasted about 2 hours in the base year and 90 minutes in the first follow-up. Two make-up days were normally offered for students who missed the survey day.

Target population: The finite set of observable or measurable elements that will be studied, or the conceptual population of analytic units for which data are collected and estimates

are made. In the ELS:2002 base year, the target population was spring-term 2002 sophomores in all regular public and private schools with 10th grades in the 50 states and the District of Columbia.

Teacher questionnaire: In the base year, mathematics and English teachers of ELS:2002 sophomore participants were asked to complete a teacher questionnaire, which collected data on school and teacher characteristics (including teacher qualifications and experience) and evaluations of student performance.

Teacher sample: In the ELS:2002 base year, two teacher reports were sought for each student: one from the student's mathematics teacher and one from the student's English teacher.

Transcript: A student's high school or postsecondary school record. For high school transcripts, such archival data as courses taken, grades, and graduation status are part of the academic transcript record, as well as assessment results such as PSAT, SAT, and ACT scores. Postsecondary transcripts are also collected by ELS:2002.

Transfer student questionnaire (TSQ): This first follow-up questionnaire was administered to students who moved from their base-year school to a new school between spring 2002 and spring 2004. It collected data both on students' school experience and their reason for transferring to a new school.

Trimming: A process by which extreme weights are reduced (trimmed) to diminish the effect of extreme values on estimates and estimated variances.

TRP: Technical Review Panel. A TRP is a specially appointed, independent group of substantive, methodological, and technical experts who offer advice to the study's contractor on issues of study design and content. TRP members are nominated by the contractor and approved by *NCES*. Typically, TRPs are convened several times within the life of a contract.

Unit nonresponse: Failure of a survey unit (e.g., at the institutional level, a school, or at the individual level, a respondent, such as a student or a teacher) to cooperate or complete a survey instrument. *Overall unit nonresponse* reflects a combination of unit nonresponse across two or more levels of data collection, where participation at the second stage of data collection is conditional upon participation in the first stage of data collection. In ELS:2002, overall nonresponse is the product of school-level nonresponse times student nonresponse. *Total nonresponse* reflects a combination of the overall unit nonresponse and item nonresponse. (See also *Item nonresponse* and *Nonresponse bias*.)

Urbanicity (or metropolitan status): The ELS:2002 school sample was stratified by metropolitan status or urbanicity, in accordance with the following three locale codes: (1) Urban: the school is in a large or mid-size central city; (2) Suburban: the school is in a large or small town or is on the urban fringe of a large or mid-size city; and (3) Rural: the school is in a rural area. Locale indicators were taken from the Common Core of Data (*CCD*) for public schools and the Private School Survey (*PSS*) for private schools. More recently (2006) *NCES* changed its

locale code system. The new codes draw on a four-part classification: city, suburban, town, and rural. Cities and suburbs are further divided into small, mid-size and large, and towns and rural areas can be related (via measures of proximity) to urbanized areas (urban fringe, distant, remote). While the older tripartite classification was used in ELS:2002 sampling, analysts who wants to employ the new locale codes with the ELS:2002 base-year and transfer schools can use the ELS:2002 linkages to the CCD and PSS databases to do so.

Validity: The capacity of an item or instrument to measure what it was designed to measure, stated most often in terms of the correlation between scores in the instrument and measures of performance on some external criterion. It is the extent to which a test or set of operations measures what it is supposed to measure. Reliability, on the other hand, refers to consistency of measurement over time. (See *Reliability*.)

Variance: The average of the squared deviations of a random variable from the expected value of the variable. The variance of an estimate is the squared standard error of the estimate. (See also *Population variance* and *Sampling variance*.)

Vocational course: A school course that provides students with the academic and technical knowledge and skills needed for further education or careers requiring less than a bachelor's degree. At the high school level, vocational courses include courses in consumer and homemaking education, general labor market preparation, and specific labor market preparation.

Weighted estimates: Weighted estimates (as in the ELS:2002 codebook) are survey estimates in which the sample data are statistically weighted (multiplied) by factors reflecting the sample design. The general purpose of weighting is to compensate for unequal probabilities of selection into the sample and to adjust for the fact that not all schools or individuals selected into the sample actually participated. The design weights (also known as base weights, and typically equal to the reciprocals of the overall selection probabilities) are multiplied by a nonresponse or poststratification adjustment for a final weight. For example, in ELS:2002, the 752 participating schools in the base year represent a national population of 24,795 schools. Individual schools may "represent" anywhere from a minimum of 1 school to a maximum of 96 schools. To take an ELS:2002 base-year student-level example, 7,613 base-year questionnaire respondents reported themselves to be male, and 7,688 reported themselves to be female. When these cases are multiplied by the nonresponse-adjusted student weights to yield a weighted percentage that reflects the national population of high school sophomores, the estimate for males is 50.5 percent of the 2002 10th-grade cohort, while females are estimated to comprise 49.5 percent of the nation's 2002 10th-graders.

Weighted response rates: Unit response rates are calculated as the ratio of the weighted number of completed interviews to the weighted number of in-scope sample cases. Unit response rates are calculated using the sample base weights (inverse of the probability of selection).

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

Appendix A References

- Groves, R. M., & Heeringa, S. (2006). Responsive design for household surveys: tools for actively controlling survey errors and costs. *Journal of the Royal Statistical Society Series A: Statistics in Society*, 169(Part 3), 439-457.
- Seastrom, M. (2003). *NCES Statistical Standards* (NCES 2003-601). U.S. Department of Education, National Center for Education Statistics. Washington, DC: U.S. Government Printing Office. Available at: <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2003601>.

This page left intentionally blank.

Appendix B.

Cross-Cohort Comparisons

This page left intentionally blank.

B.1 Cross-Cohort Comparison Crosswalks

The Education Longitudinal Study of 2002 (ELS:2002) dataset can be used in cross-cohort (intercohort) comparisons with earlier National Center for Education Statistics (NCES) high school cohorts at a comparable point in their educational and labor market experiences.

Because many of the comparability issues have been highlighted or constructively addressed in prior NCES analysis reports (especially in the material that appears in the technical appendixes), citations and supporting full references have been provided for relevant publications. Using ELS:2002 data, the following time series comparisons may be made, employing questionnaire, transcript, or assessment data, separately or in combination:

1. High school seniors as of 12th grade: National Longitudinal Study of the High School Class of 1972 (NLS-72) (1972), High School and Beyond (HS&B) (1980, 1982), National Education Longitudinal Study of 1988 (NELS:88) (1992), and ELS:2002 (2004) (Green, Dugoni, and Ingels 1995, NCES 1995-380; Ingels and Dalton 2008, NCES 2008-320; Dalton et al. 2007, NCES 2007-312).
2. High school sophomores as of 10th grade: HS&B (1980), NELS:88 (1990), and ELS:2002 (2002) (Cahalan et al. 2006, NCES 2006-327; Rasinski et al. 2003, NCES 93-087).
3. High school seniors 2 years out of high school: NLS-72 (1974), HS&B senior cohort (1982), HS&B sophomore cohort (1984), NELS:88 (1994), and ELS:2002 (2006). (For an example of this kind of analysis, see Ingels et al. 2012, NCES 2012-345.)
4. High school sophomores 2 years later: HS&B (1982), NELS:88 (1992), and ELS:2002 (2004). Such comparisons may encompass dropouts (Kaufman, McMillen, and Sweet 1996, NCES 96-893; Dalton, Glennie, and Ingels 2009, NCES 2009-307), or students.
5. High school sophomores 4 years later: HS&B (1984), NELS:88 (1994), and ELS:2002 (2006).

With the delivery of the ELS:2002 third follow-up data, two additional comparisons become possible:

6. High school sophomores 10 years later: NELS:88 (2000) and ELS:2002 (2012).
7. High school seniors 8 years later: NELS:88 (2000) and ELS:2002 (2012).

Instead of the approach outlined above—cohorts compared on an intergenerational or cross-cohort time lag basis—longitudinal comparative analysis of the cohorts can also be performed by modeling the history of the age/grade cohorts. NELS:88/2000 and ELS:2002/12 data, used in conjunction with prior round data, are suitable for this purpose.

Intercohort comparisons will also be possible using the forthcoming ELS:2002 Postsecondary Education Transcript (PETS) with PETS data collected in NLS-72, the HS&B sophomore cohort, and NELS:88. For example, the postsecondary coursetaking of 1980 high school sophomores can be compared with the postsecondary coursetaking of ELS:2002

sophomores. Although the HS&B sophomore postsecondary transcript data involve a greater time span, the analyst can simply abridge the data of the longer series. (Although ELS:2002 postsecondary transcript will be gathered in 2013 and span the period 2004–13, NLS-72 seniors data were collected in 1984 for 1972–84; HS&B sophomore in 1993 for 1982–93, and for NELS:88 sophomore and senior data were collected in 2000 for the span 1992–2000.)

From the point of view of the ELS:2002 third follow-up, with the exception of the postsecondary education transcripts that are currently being collected and processed, there is only a single strictly comparable predecessor study for which cross-cohort time-lag comparison can be implemented: the NELS:88 fourth follow-up in 2000 can be compared with the ELS:2002 third follow-up in 2012. Within this framework, there is potential to compare NELS:88 and ELS:2002 for two distinct cohorts: high school sophomores (1990, 2002) and high school seniors (1992, 2004).

To facilitate choice of suitable variables for intercohort analysis of the 2000 round of NELS:88 and the 2012 round of ELS:2002, a crosswalk of comparable variables is provided in Table H-1. However, data in addition to questionnaire items may also figure in comparisons—administrative records data (such as were collected in the transcript studies), and assessment scores—these sources are separately discussed, in text below. The discussion also enters specific caveats about other factors affecting comparability (for example, changing race definitions, differences in construction of SES). The crosswalk tables treat only questionnaire variables, not derived (“composite”) variables, although analysts may find many of the latter also of value for cross-cohort comparisons.

B.1.1 Comparability of Test Scores

The NELS:88 and ELS:2002 mathematics assessments were equated and are available on the same scale, for grades 10 and 12. However, the ELS:2002 reading test was administered only in the base year (grade 10) and supplies a baseline covariate, not a gain measure, nor did ELS:2002 test in the two other areas of the NELS:88 cognitive test battery, science and social studies.

B.1.2 Comparability of Questionnaire Content

Despite the intention to preserve a core of comparable items, for many reasons, some questions have changed and others have been added or dropped. Across the cohorts, questions may be identical in content and format or may differ in one or more ways: the question, item, or response wording; the order in which response options were presented; the manner in which the data were collected (e.g., categorical response option versus open-ended response fields, instructions to mark one versus mark all that apply); and the population to which the question applies. Table A-1 below will be helpful to analysts, not just in suggesting potential comparison variables, but in making note of differences and evaluating the suitability of various variables for their research plan.

B.1.3 Comparability of Administrative Data (Including Transcripts)

In design and coding, NELS:88 and ELS:2002 are quite similar, and will support comparisons across studies. Analysts interested in comparing high school coursetaking patterns should examine the CSSC codes available in each study. The CSSC codes are the same across studies, thus facilitating direct comparisons. However, the list has evolved and certain subject areas (for example, computer science) have changed accordingly. For some analyses, users may wish to construct measures in a variety of ways to ensure that their findings are robust with respect to different variable specifications. In addition, analysts should consider changes in subject areas over time when conducting time trend analyses and interpreting findings. Although high school transcripts (and in time postsecondary transcripts) should be viewed as readily usable across the two studies, NELS:88 lacks much of the postsecondary records information concerning federal grants and loans that was collected for ELS:2002.

B.1.4 Comparability: Eligibility and Exclusion

One obstacle to precise comparison is that some students were excluded from NELS:88, owing to severe disabilities or language barriers. No students were excluded from the ELS:2002 high school transcript component and exclusion rates for the ELS:2002 questionnaires and assessments conducted in 2002 and 2004 are quite low in comparison to predecessor studies. Ingels (1996, NCES 96-723) provides information about NELS:88 and the earlier studies, and the exclusion rates and policies of ELS:2002 can be found in the base-year Data File User's Manual (NCES 2004-405).

B.1.5 Other Factors Affecting Comparability

Although the studies were designed to be as comparable as possible, caution must nonetheless be exercised in comparing NLS-72, HS&B, NELS:88, and ELS:2002 data. School and student response rates differed somewhat, as did item response rates. Missing item data have been statistically imputed for selected variables in ELS:2002, although not in the prior studies. Likewise, missing test scores have been imputed in ELS:2002. There were differences in mode and precise timing of survey administration. NELS:88 in 2000, for example, was administered starting in the spring, but ELS:2002 started in the summer of 2012. The technology of data collection has changed considerably over the years, especially for out-of-school cohorts, for which paper-and-pencil questionnaires were replaced, first with computerized telephone and personal interviews, and in the ELS:2002 second and third follow-ups, in substantial measure by web self-administrations. The extent of the impact of mode effects has not been measured in field test experiments or by other devices. Standard classification variables, such as race classifications, have subtly changed over time, and in ELS:2002, household possessions were dropped from the SES index used in the prior studies. Comparison items appear below in Table B-1, following the References section.

B.2 Appendix B References

- Cahalan, M.W., Ingels, S.J., Burns, L.J., Planty, M., and Daniel, B. (2006). *United States High School Sophomores: A Twenty-Two Year Comparison, 1980–2002* (NCES 2006-327). U.S. Department of Education. Washington, DC: National Center for Education Statistics.
- Dalton, B., Ingels, S.J., Downing, J., Bozick, R. (2007). *Moving Beyond the Basics: Mathematics and Science Coursetaking in the High School Classes of 1982, 1992, and 2004* (NCES 2007-312). U.S. Department of Education, National Center for Education Statistics. Washington, DC: U.S. Government Printing Office.
- Dalton, B., Glennie, E., and Ingels, S.J. (2009). *Late High School Dropouts: Characteristics, Experiences, and Changes Across Cohort* (NCES 2009-307). U.S. Department of Education. Washington, DC: National Center for Education Statistics.
- Green, P.J., Dugoni, B., and Ingels, S.J. (1995). *Trends Among High School Seniors, 1972–1992* (NCES 95–380). U.S. Department of Education. Washington, DC: National Center for Education Statistics.
- Ingels, S.J. (1996). *Sample Exclusion in NELS:88—Characteristics of Base Year Ineligible Students; Changes in Eligibility Status After Four Years* (NCES 96–723). U.S. Department of Education. Washington, DC: National Center for Education Statistics.
- Ingels, S.J., and Dalton, B. (2008). *Trends Among High School Seniors, 1972–2004* (NCES 2008-320). Washington, DC: National Center for Education Statistics.
- Ingels, S.J., Glennie, E., Lauff, E., and Wirt, J.G. (2012). *Trends Among Young Adults Over Three Decades, 1974–2006*. (NCES 2023-345). Washington, DC: National Center for Education Statistics.
- Kaufman, P., McMillen, M.M., and Sweet, D. (1996). *A Comparison of High School Dropout Rates in 1982 and 1992* (NCES 96-893). Washington, DC: National Center for Education Statistics.
- Rasinski, K.A., Ingels, S.J., Rock, D.A., and Pollack, J.M. (1993). *America’s High School Sophomores: A Ten-Year Comparison* (NCES 93-087). Washington, DC: National Center for Education Statistics.

Table B-1. Cross-cohort item crosswalk: ELS F3 questionnaire variables mapped to NELS F4 questionnaire variables

ELS F3 questionnaire variable	ELS F3 variable label	NELS F4 questionnaire variable
F3A01A	Current activities: Working for pay at a FT job	F4AACTF
F3A01B	Current activities: Working for pay at a PT job	F4AACTP
F3A01C	Current activities: Serving in another work experience	F4AACTW
F3A01D	Current activities: Taking courses at a 2- or 4-yr school	F4AACTG
F3A01E	Current activities: Taking courses at a voc/tech/trade school	F4AACTV
F3A01F	Current activities: Keeping house	F4AACTH
F3A02	Whether June 2012 activities are the same as current activities	F4AACTL
F3A03A	June 2012 activities: Working for pay at a FT job	F4A12KF
F3A03B	June 2012 activities: Working for pay at a PT job	F4A12KP
F3A03C	June 2012 activities: Serving in another work experience	F4A12KW
F3A03D	June 2012 activities: Taking courses at a 2- or 4-yr school	F4A12KG
F3A03E	June 2012 activities: Taking courses at a voc/tech/trade school	F4A12KV
F3A03F	June 2012 activities: Keeping house	F4A12KH
F3A04	Whether R has received a HS credential	F4DHSFIN
F3A05	Type of HS credential received	F4DTYPE
F3A06	Year/month received HS credential	F4DHSG
F3A09A	Completed GED to improve/advance/keep up to date on current job	F4DGED1/2/3
F3A09B	Completed GED to train for a new job/career	F4DGED1/2/3
F3A09C	Completed GED to improve basic reading/writing/math skills	F4DGED1/2/3
F3A09D	Completed GED to meet requirements for additional study	F4DGED1/2/3
F3A09E	Completed GED b/c required or encouraged by employer	F4DGED1/2/3
F3A09F	Completed GED for personal, family or social reasons	F4DGED1/2/3
F3A16A	Reasons for no PS credential: Finished taking desired classes	F4ELV1/2/3
F3A16B	Reasons for no PS credential: Couldn't afford to continue going to school	F4ELV1/2/3
F3A16C	Reasons for no PS credential: Would rather work and make money than continue going to school	F4ELV1/2/3
F3A16D	Reasons for no PS credential: Change in family status	F4ELV1/2/3
F3A16E	Reasons for no PS credential: Personal problems, injury, or illness	F4ELV1/2/3
F3A16F	Reasons for no PS credential: Conflicts with demands at home	F4ELV1/2/3
F3A16G	Reasons for no PS credential: Difficulty completing requirements	F4ELV1/2/3
F3A16H	Reasons for no PS credential: Classes not available / class scheduling not convenient	F4ELV1/2/3
F3A16I	Reasons for no PS credential: Job or military considerations	F4ELV1/2/3
F3A17	Highest level of education R ever expects to complete	F4EASP
F3B01	Whether R has ever been in the military	F4AAFTN
F3B03	Whether R is currently serving on active duty, in reserves, or in National Guard	F4AAFNW
F3B09	Held a job for pay since January 2006	F4BEVEM
F3B10	Whether R currently wants a job / full-time job	F4AWNTJ / F4BFTW
F3B13	Year/month last worked for pay	F4BJST

See notes at end of table.

Table B-1. Cross-cohort item crosswalk: ELS F3 questionnaire variables mapped to NELS F4 questionnaire variables—Continued

ELS F3 questionnaire variable	ELS F3 variable label	NELS F4 questionnaire variable
F3B14A	Number of currently-held full-time jobs	F4BJCNT
F3B14B	Number of currently-held part-time jobs	F4BJCNT
F3B16	Year/month began current/most recent job	F4BJSR
F3B17	Whether working for self or for someone else in current/most recent job	F4BWSLF
F3B19	Current/most recent employer type	F4BWFOR
F3B21	Hours worked per week in current/most recent (primary) job	F4BJHPW
F3B22	Hours currently working per week across all jobs	F4BAHPW
F3B23	Level of autonomy in current/most recent job	F4BJAUT
F3B26	Pay period for current/most recent job	F4BRATP / F4BRATE
F3B27	Whether paid at an hourly rate at current/most recent job	F4BRATP / F4BRATE
F3B28	Rate of pay for current/most recent job	F4BRATP / F4BRATE
F3B35	Whether R has received formal employer-provided training	F4CTRNQ
F3C01	Number of weeks employed during 2011	F4BWKSWK
F3C02	Number of hours worked per week during 2011	F4BLHPW
F3C03	Proportion employed during 2010	F4BJ98A
F3C04	Hours worked during a typical working week in 2010	F4BJ98B
F3C05	Proportion employed during 2009	F4BJ97A
F3C06	Hours worked during a typical working week in 2009	F4BJ97B
F3D01	Current marital status	F4GMRS
F3D02	Number of times R has been married	F4GMRGCT
F3D03_1	Year/month of first marriage	F4GFMY / F4GMMY
F3D03_2	Year/month of second marriage	F4GFMY / F4GMMY
F3D03_3	Year/month of third marriage	F4GFMY / F4GMMY
F3D04	Whether R is currently living with significant other in a marriage-like relship	F4GPART
F3D06	Whether R has any biological children	F4GNCH
F3D07	Number of biological children	F4GNCH
F3D08_1	Birth year/month of R's first biological child	F4GCH1 / F4GCH2
F3D08_2	Birth year/month of R's second biological child	F4GCH1 / F4GCH2
F3D08_3	Birth year/month of R's third biological child	F4GCH1 / F4GCH2
F3D08_4	Birth year/month of R's fourth biological child	F4GCH1 / F4GCH2

See notes at end of table.

Table B-1. Cross-cohort item crosswalk: ELS F3 questionnaire variables mapped to NELS F4 questionnaire variables—Continued

ELS F3 questionnaire variable	ELS F3 variable label	NELS F4 questionnaire variable
F3D08_5	Birth year/month of R's fifth biological child	F4GCH1 / F4GCH2
F3D08_6	Birth year/month of R's sixth biological child	F4GCH1 / F4GCH2
F3D08_7	Birth year/month of R's seventh biological child	F4GCH1 / F4GCH2
F3D08_8	Birth year/month of R's eighth biological child	F4GCH1 / F4GCH2
F3D08_9	Birth year/month of R's ninth biological child	F4GCH1 / F4GCH2
F3D13	ZIP code for current residence	F4JZIP
F3D15A	Household composition: Friends or roommates	F4GNUNR
F3D15B	Household composition: Brothers or sisters	F4GNSIB
F3D15C	Household composition: Children	F4GNCHD
F3D15D	Household composition: Mother or female guardian	F4GNGRD
F3D15E	Household composition: Father or male guardian	F4GNGRD
F3D15F	Household composition: Spouse	F4GNSP
F3D15G	Household composition: Partner in a marriage-like relationship	F4GNPRT
F3D19A	Number of dependents less than age 18	F4GNDPC
F3D19B	Number of dependents age 18 or older	F4GNDPC / F4GNDP
F3D20	R's 2011 employment earnings—continuous	F4HI99
F3D21	R's 2011 employment earnings—categorical	F4HI99
F3D22	Spouse/partner's 2011 employment earnings—continuous	F4HINCS
F3D23	Spouse/partner's 2011 employment earnings—categorical	F4HINCS
F3D26	2011 income from sources other than employment	F4HINCO
F3D30	Whether owns home/rents/has some other arrangement	F4HHOSE
F3D37	Whether currently registered to vote	F4IRVOTE
F3D38	Whether voted in the 2008 presidential election	F4IVPRE
F3D39	Whether voted in any local/state/national election during 2009, 2010, or 2011	F4IVANY

SOURCE: U.S. Department of Education, National Center for Education Statistics. Education Longitudinal Study of 2002 (ELS:2002) Third Follow-up.

This page left intentionally blank.

Appendix C.

Facsimile of the Third Follow-Up Survey Instrument

Section A: Current Activities and Education.....	C-3
Section B: Current / Most Recent Employment	C-24
Section C: Employment History / Future Employment Plans	C-37
Section D: Family Life, Finances, and Community	C-42

This page left intentionally blank.

*** Indicates forms¹ which were included in both the full-length and abbreviated questionnaire (forms not marked with asterisks were included in the full-length questionnaire only)

Form: Consent to Participate***

Question wording: In years past you responded to one or more surveys for the Education Longitudinal Study of 2002 (ELS:2002). This study is sponsored by the U.S. Department of Education and includes about 16,000 other participants who were selected from high schools across the country in 2002 and 2004. The purpose of ELS:2002 is to understand young people's transition from high school to adulthood, including the different pathways people take towards further education and the world of work. Today, we are asking you to complete a follow-up interview which will ask questions about your education, your most recent work experiences, your family, and your community. On average, it takes about 35 minutes to complete, depending on your responses.

Participation is voluntary. Your answers may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law [Education Sciences Reform Act of 2002 (ESRA 2002) Public Law 107-279, Section 183]. You may withdraw from the study at any point. However, your answers are very important because they represent many others who were not selected to take part. You may skip any question that you don't want to answer.

+++++

Section A: Current Activities and Education

Form: Introduction to Section A***

Question wording: First we would like to ask you about your current activities and your educational background.

+++++

Routing: Go to F3A01.

Form: F3A01***

Question wording: Are you currently...

(Please answer 'Yes' or 'No' for each row below.)

¹ The term "form" refers to a questionnaire screen, as in a web survey. For more information, see the Glossary, Appendix A.

+++++

Variable: F3A01A

Item wording: working for pay at one or more full-time jobs? (please answer 'yes' if you have at least one job at which you work 35 hours/week or more)

1=Yes

0=No

Variable: F3A01B

Item wording: working for pay at one or more part-time jobs? (please answer 'yes' if you have at least one job at which you work less than 35 hours/week)

1=Yes

0=No

Variable: F3A01C

Item wording: serving in another work experience, such as an apprenticeship, training program, or internship?

1=Yes

0=No

Variable: F3A01D

Item wording: taking courses at a two- or four-year college, including graduate or professional schools?

1=Yes

0=No

Variable: F3A01E

Item wording: taking courses at a vocational, technical, or trade school?

1=Yes

0=No

Variable: F3A01F

Item wording: keeping house full-time (homemaker)?

1=Yes

0=No

Variable: F3A01G

Item wording: caring for dependent children or adults?

1=Yes

0=No

Variable: F3A01H

Item wording: serving in the armed forces or military, whether active duty, reserves, or National Guard?

1=Yes

0=No

Routing: if respondent answers at least one item then go to F3A02;
else go to F3A03.

~~~~~  
Form: F3A02

Question wording: Are the work, school, and home activities you just told us about the same now as they were during the last week in June 2012?

+++++

Variable: F3A02

1=Yes

0=No

Routing: if F3A02=yes and respondent is already known to have a high school credential, then go to F3A11;

else if F3A02=yes then go to F3A04;

else go to F3A03.

~~~~~  
Form: F3A03

Question wording: During the last week in June 2012, were you...

(Please answer 'Yes' or 'No' for each row below.)

+++++

Variable: F3A03A

Item wording: working for pay at one or more full-time jobs? (please answer 'yes' if you had at least one job at which you worked 35 hours/week or more)

1=Yes

0=No

Variable: F3A03B

Item wording: working for pay at one or more part-time jobs? (please answer 'yes' if you had at least one job at which you worked less than 35 hours/week)

1=Yes

0=No

Variable: F3A03C

Item wording: serving in another work experience, such as an apprenticeship, training program, or internship?

1=Yes

0=No

Variable: F3A03D

Item wording: taking courses at a two- or four-year college, including graduate or professional schools?

1=Yes

0=No

Variable: F3A03E

Item wording: taking courses at a vocational, technical, or trade school?

1=Yes

0=No

Variable: F3A03F

Item wording: keeping house full-time (homemaker)?

1=Yes

0=No

Variable: F3A03G

Item wording: caring for dependent children or adults?

1=Yes

0=No

Variable: F3A03H

Item wording: serving in the armed forces or military, whether active duty, reserves, or National Guard?

1=Yes

0=No

Routing: if already known that respondent has a high school credential, then go to F3A11; else go to F3A04.

~~~~~  
Form: F3A04\*\*\*

Question wording:

[When we spoke with you in 2006, you indicated that you had not received a high school credential. Since that time, have you received a high school diploma, certificate of attendance, or a GED or other equivalency certificate? / Have you received a high school diploma, certificate of attendance, or a GED or other equivalency certificate?]

+++++

Variable: F3A04

1=Yes

0=No

Routing: if F3A04=yes then go to F3A05;  
else go to F3A10;

~~~~~  
Form: F3A05***

Question wording: What type of high school diploma or certificate did you complete? Did you receive a...

+++++

Variable: F3A05

1=diploma

2=certificate of attendance, or

3=GED or other equivalency certificate?

Routing: Go to F3A06.

~~~~~  
Form: F3A06\*\*\*

Question wording: In what month and year did you receive your [diploma/certificate of attendance/GED or other equivalency/high school credential]?

+++++

Variable: F3A06

Routing: if respondent has earned a GED then go to F3A07;  
else go to F3A11.

~~~~~  
Form: F3A07

Question wording: How did you earn your GED or equivalency, or in other words, what program or school were you enrolled in, if any?

+++++

Variable: F3A07

1=No program, you just took the exam

2=Part of a job training program

3=Enrolled through adult education

4=Part of a child care program or early childhood program

5=Some other program

Routing: Go to F3A08.

~~~~~  
Form: F3A08

Question wording: From what state did you receive your GED or equivalency?

+++++

Variable: F3A08

Routing: Go to F3A09.

~~~~~  
Form: F3A09

Question wording: Why did you decide to complete your GED or equivalency? Was it...

(Please answer 'yes' or 'no' for each row below.)

+++++

Variable: F3A09A

Item wording: to improve, advance, or keep up to date on your current job?

1=Yes

0=No

Variable: F3A09B

Item wording: to train for a new job/career?

1=Yes

0=No

Variable: F3A09C

Item wording: to improve basic reading, writing or math skills?

1=Yes

0=No

Variable: F3A09D

Item wording: to meet requirements for additional study?

1=Yes

0=No

Variable: F3A09E

Item wording: required or encouraged by your employer?

1=Yes

0=No

Variable: F3A09F

Item wording: for personal, family or social reasons?

1=Yes

0=No

Routing: Go to F3A11.

~~~~~  
Form: F3A10

Question wording: Are you currently working towards a GED or equivalent?

+++++

Variable: F3A10

1=Yes

0=No

Routing: Go to F3A11.

~~~~~  
Form: F3A11***

Question wording:

[Since leaving high school, have you attended any college, university, or a vocational, technical, or trade school for college credit?]

-or-

[When we spoke with you in 2006, you indicated that after high school you had attended: PS school #1, PS school #2, etc.

Since that time, have you attended any other college, university, or a vocational, technical, or trade school for college credit?]

+++++

Variable: F3A11

1=Yes

0=No

Routing: if F3A11=yes then go to F3IIPEDS;

else if there is one or more PS school pre-loaded from F2 then go to F3ILASTINST;

else go to F3A17.

~~~~~  
Form: F3IIPEDS\*\*\*

Question wording: [You have already told us about: PS school #1, PS school #2, etc.]

What [other] college, university, or vocational, technical, or trade school have you attended since leaving high school?

+++++

Variable(s): this form allows for collection of an IPEDS code (F3IIPEDS) for each attended school, which is then used to populate many other variables on the ELS F3 student-institution file (F3ILEVEL, F3ICNTRL, F3ISECTR, etc.) based on IPEDS data.

Routing: go to F3ISTDATE.

~~~~~  
Form: F3ISTDATE***

Question wording: In what month and year did you first attend [this school]?

+++++

Variable: F3ISTDATE

Routing: go to PS Other.

~~~~~  
Form: PS Other\*\*\*

Question wording: You have already told us about: PS school #1, PS school #2, etc.

Have you attended any other college, university, or vocational, technical, or trade school for college credit?

+++++

Variable: N/A (this item does not directly feed into any particular variable on the final datafile; it is instead used for survey routing purposes, i.e. it is used to determine whether or not the respondent should be asked for the name(s) of any other attended postsecondary institutions).

1=Yes

0=No

Routing: if yes then loop back to F3IIPEDS;  
else go to F3ILASTINST.

~~~~~  
Form: F3ILASTINST***

Question wording:

[Earlier you mentioned that you are currently taking courses at a college, university, or a vocational, technical, or trade school. Which institution are you currently attending?]

-or-

[Which institution did you last attend?]

Response options: all attended institutions collected thus far – in either F2 and/or F3 – are displayed as response options, along with an option for “another institution”.

+++++

Variable: F3ILASTINST

Routing: if respondent indicates "another institution" then go to PS Last (Alternate);
else if currently attending a postsecondary institution then go to F3A13;
else go to F3A12.

~~~~~  
Form: PS Last (Alternate)\*\*\*

Question wording: What institution [are you currently attending/did you last attend]?

+++++

Variable(s): this form allows for collection of an IPEDS code (F3IIPEDS) for the last attended school, which is then used to populate many other variables on the ELS F3 student-institution file (F3ILEVEL, F3ICNTRL, F3ISECTR, etc.) based on IPEDS data.

Routing: if currently attending a postsecondary institution then go to F3A13;  
else go to F3A12.

~~~~~  
Form: F3A12

Question wording: In what month and year did you last attend [name of last-attended postsecondary institution]?

+++++

Variable: F3A12

Routing: go to F3PSLCRED.

~~~~~  
Form: F3PSLCRED\*\*\*

Question wording: Have you earned a degree or certificate from [name of last-attended postsecondary institution]?

+++++

Variable: F3PSLCRED

1=Yes

0=No

Routing: if F3PSLCRED = yes then go to F3ICREDTYPE (Last Attended Institution);  
else go to F3A13.

~~~~~  
Form: F3A13***

Question wording:

[What type of degree or certificate are you currently pursuing at [name of currently attended postsecondary institution]? / What type of degree or certificate are you currently pursuing? /

What type of degree or certificate were you pursuing when you were last attending [name of last-attended postsecondary institution]? / What type of degree or certificate were you pursuing when you were last attending a college, university, vocational, technical or trade school?]

+++++

Variable: F3A13

- 1=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)
- 2=Associate's Degree (usually a 2-year degree)
- 3=Bachelor's Degree (usually a 4-year degree)
- 4=Post-baccalaureate certificate
- 5=Master's Degree
- 6=Post-Master's certificate
- 7=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)
- 8=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)
- 9=Doctoral Degree – other
- 10=You [are/were] not seeking a degree or certificate

Routing: go to Other Credential.

~~~~~  
Form: F3ICREDTYPE (Last Attended Institution)\*\*\*

Question wording: What type of degree or certificate did you receive from [name of last-attended postsecondary institution]?

(Please select one option below; if you received more than one degree or certificate, we will ask you later about the other credentials you have received.)

+++++

Variable: F3ICREDTYPE\_1, F3ICREDTYPE\_2

- 1=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)
- 2=Associate's Degree (usually a 2-year degree)
- 3=Bachelor's Degree (usually a 4-year degree)
- 4=Post-baccalaureate certificate
- 5=Master's Degree
- 6=Post-Master's certificate
- 7=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)
- 8=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)
- 9=Doctoral Degree – other

Routing: Go to F3ICREDDATE (Last Attended Institution).  
~~~~~

Form: F3ICREDDATE (Last Attended Institution)***

Question wording: In what month and year did you receive your [credential type] from [name of last-attended postsecondary institution]?

+++++

Variable: F3ICREDDATE_1, F3ICREDDATE_2

Routing: go to F3ICREDFIELD (Last Attended Institution).

~~~~~  
Form: F3ICREDFIELD (Last Attended Institution)\*\*\*

Question wording: What was your primary major or program of study for your [credential type] from [name of last-attended postsecondary institution]?

+++++

Variable(s): F3ICREDFIELD\_1, F3ICREDGEN\_1, F3ICREDSPEC\_1,  
F3ICREDFIELD\_2, F3ICREDGEN\_2, F3ICREDSPEC\_2

Routing: If credential type is an Associate's degree or higher, then go to F3ICREDDBLMAJ (Last Attended Institution);  
else go to Other Credential.

~~~~~  
Form: F3ICREDDBLMAJ (Last Attended Institution)

Question wording: Did you have a secondary major or program of study for your [credential type] from [name of last-attended postsecondary institution]?

+++++

Variable: F3ICREDDBLMAJ_1, F3ICREDDBLMAJ_2
1=Yes
0=No

Routing: If yes then go to F3ICREDFIELD2;
else go to Other Credential.

~~~~~  
Form: F3ICREDFIELD2

Question wording: What was your secondary major or program of study for your [credential type] from [name of last-attended postsecondary institution]?

+++++

Variable(s): F3ICREDFIELD2\_1, F3ICREDGEN2\_1, F3ICREDSPEC2\_1,  
F3ICREDFIELD2\_2, F3ICREDGEN2\_2, F3ICREDSPEC2\_2

Routing: go to Other Credential.  
~~~~~

Form: Other Credential***

Question wording:

[Have you received any degrees or certificates from any [other] college, university, or vocational, technical, or trade school?]

-or-

[You have already told us about:

Your [credential type] from [name of last-attended postsecondary school]

Have you received any other degrees or certificates from a college, university, or vocational, technical, or trade school?]

+++++

Variable: N/A (this item does not directly feed into any particular variable on the final datafile; it is instead used for survey routing purposes, i.e. it is used to determine whether or not the respondent should be asked additional follow-up questions re: any other postsecondary credentials earned)

1=Yes

0=No

Routing: if yes then go to F3ICREDTYPE;
else go to F3A14.

~~~~~  
Form: F3ICREDTYPE\*\*\*

Question wording:

[You have already told us about: Your [credential] from [PS school]]

What other degrees or certificates do you have?

(Please select one option below; if you have multiple degrees/certificates, we will ask you later about the other credentials you may have received.)

+++++

Variable: F3ICREDTYPE\_1, F3ICREDTYPE\_2

1=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)

2=Associate's Degree (usually a 2-year degree)

3=Bachelor's Degree (usually a 4-year degree)

4=Post-baccalaureate certificate

5=Master's Degree

6=Post-Master's certificate

7=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)

8=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)

9=Doctoral Degree – other

Routing: Go to Credential School

~~~~~  
Form: Credential School***

Question wording: From what institution did you earn this [credential type]?

Response options: all attended institutions collected thus far – in either F2 and/or F3 – are displayed as response options, along with an option for “another institution”.

+++++

Variable: N/A (this item does not directly feed into any particular variable on the final datafile; it is instead used to determine with which record on the ELS F3 student-institution file the credential in question should be associated).

Routing: If respondent indicates "another school", or respondent provides no response, then go to Credential School (Alternate);
else go to F3ICREDDATE.

~~~~~  
Form: Credential School (Alternate)\*\*\*

Question wording: From what institution did you earn this [credential type]?

+++++

Variable(s): this form allows for collection of an IPEDS code (F3IIPEDS) for the credential-awarding school, which is then used to populate many other variables on the ELS F3 student-institution file (F3ILEVEL, F3ICNTRL, F3ISECTR, etc.) based on IPEDS data.

Routing: go to F3ICREDDATE.

~~~~~  
Form: F3ICREDDATE***

Question wording: In what month and year did you receive your [credential type] from [name of credential-awarding postsecondary institution]?

+++++

Variable: F3ICREDDATE_1, F3ICREDDATE_2

Routing: Go to F3OTHMAJOR.

~~~~~  
Form: F3ICREDFIELD\*\*\*

Question wording: What was your primary major or program of study for your [credential type] from [name of credential-awarding postsecondary institution]?

+++++

Variable(s): F3ICREDFIELD\_1, F3ICREDGEN\_1, F3ICREDSPEC\_1,  
F3ICREDFIELD\_2, F3ICREDGEN\_2, F3ICREDSPEC\_2

Routing: if credential type is Associate's degree or higher then go to F3ICREDDBLMAJ;  
else go to Additional Credentials.

~~~~~  
Form: F3ICREDDBLMAJ

Question wording: Did you have a secondary major or program of study for your [credential type] from [name of credential-awarding postsecondary institution]?

+++++

Variable: F3ICREDDBLMAJ_1, F3ICREDDBLMAJ_2
1=Yes
0=No

Routing: if yes then go to F3ICREDFIELD2;
else go to Additional Credentials.

~~~~~  
Form: F3ICREDFIELD2

Question wording: What was your secondary major or program of study for your [credential type] from [name of credential-awarding postsecondary institution]?

+++++

Variable(s): F3ICREDFIELD2\_1, F3ICREDGEN2\_1, F3ICREDSPEC2\_1,  
F3ICREDFIELD2\_2, F3ICREDGEN2\_2, F3ICREDSPEC2\_2

Routing: go to Additional Credentials.

~~~~~  
Form: Additional Credentials***

Question wording:

You have already told us about:

Your [credential] from [name of credential-awarding postsecondary institution]

Have you received any other degrees or certificates from a college, university, or vocational, technical, or trade school?

+++++

Variable: F3MORECRED
1=Yes
0=No

Routing: if yes then loop back to F3ICREDTYPE;
else go to F3A14.

~~~~~  
Form: F3A14

Question wording: [Have you participated/Did you participate] in any of the following as a part of your [undergraduate/college] education?

(Please answer 'Yes' or 'No' for each row below.)

+++++

Variable: F3A14A

Item wording: Internship, co-op, field experience, student teaching, or clinical assignment

1=Yes

0=No

Variable: F3A14B

Item wording: Research project with a faculty member outside of course or program requirements

1=Yes

0=No

Variable: F3A14C

Item wording: Study abroad

1=Yes

0=No

Variable: F3A14D

Item wording: Community-based project (for example, service learning) as part of a regular course

1=Yes

0=No

Variable: F3A14E

Item wording: Culminating senior experience, such as a capstone course, senior project or thesis, or comprehensive exam

1=Yes

0=No

Variable: F3A14F

Item wording: Program in which you were mentored

1=Yes

0=No

Routing: go to F3A15.

~~~~~  
Form: F3A15

Question wording: How important would you say your [undergraduate education was in/college education was in/college attendance has been in] preparing you for the following aspects of your life?

+++++

Variable: F3A15A

Item wording: Work and career

1=Very important

2=Somewhat important

3=Not at all important

Variable: F3A15B

Item wording: Further education

1=Very important

2=Somewhat important

3=Not at all important

Variable: F3A15C

Item wording: Establishing your financial security

1=Very important

2=Somewhat important

3=Not at all important

Variable: F3A15D

Item wording: Civic participation (for example, your involvement in the community, or voting)

1=Very important

2=Somewhat important

3=Not at all important

Routing: if respondent has a PhD or professional doctorate then go to F3A18;
else if respondent is not currently enrolled and has not received a postsecondary credential then go to F3A16;
else if respondent has previous attendance at a 4-year school, is no longer attending a 4-year school, and has no degree from a 4-year school, then go to F3A16;
else go to F3A17.

~~~~~  
Form: F3A16

Question wording:

[Earlier you indicated that you are no longer enrolled in any school and that you did not obtain a college degree or a certificate. Which of the following are reasons you left school?]

-or-

[Earlier you indicated that you had once attended a 4-year college, but did not obtain a credential from a 4-year college. Which of the following are reasons you left a 4-year college without completing a credential?]

(Please answer 'Yes' or 'No' for each row below.)

+++++

Variable: F3A16A

Item wording: Done taking your desired classes

1=Yes

0=No

Variable: F3A16B

Item wording: You couldn't afford to continue going to school

1=Yes

0=No

Variable: F3A16C

Item wording: You'd rather work and make money than continue going to school

1=Yes

0=No

Variable: F3A16D

Item wording: Change in family status (for example, marriage, baby, or death in your family)

1=Yes

0=No

Variable: F3A16E

Item wording: Personal problems, injury, or illness

1=Yes

0=No

Variable: F3A16F

Item wording: Conflicts with demands at home

1=Yes

0=No

Variable: F3A16G

Item wording: Difficulty in completing requirements for your program, including developmental or remedial courses

1=Yes

0=No

Variable: F3A16H

Item wording: Classes were not available, or class scheduling wasn't convenient

1=Yes

0=No

Variable: F3A16I

Item wording: Job or military considerations

1=Yes

0=No

Routing: go to F3A17.

~~~~~

Form: F3A17***

Question wording: What is the highest level of education you ever expect to complete ?

+++++

Variable: F3A17

1=Less than high school graduation

2=GED or other high school equivalency only

3=High school diploma only

4=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)

5=Associate's Degree (usually a 2-year degree)

6=Bachelor's Degree (usually a 4-year degree)

7=Master's Degree

8=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)

9=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)

10=Doctoral Degree – other

11=Don't know

Routing: if respondent has any postsecondary attendance then go to F3A18;
else go to F3A27.

~~~~~  
Form: F3A18

Question wording: Other than money you may have borrowed from family or friends, did you take out any type of education loans to help pay for your education since high school?

+++++

Variable: F3A18

1=Yes

0=No

Routing: if F3A18=yes then go to F3A19;  
else go to F3A23.

~~~~~  
Form: F3A19

Question wording: What is the total amount of money you borrowed in student loans since high school? Do not include in your answer any money you borrowed from family or friends, or money your parents borrowed.

(Please round to a whole number. If you are unsure of the amount, please provide your best guess.)

+++++

Variable: F3A19

Routing: go to F3A20.

~~~~~  
Form: F3A20

Question wording: Are you currently making any monthly payments on any of your education loans?

+++++

Variable: F3A20

1=Yes

0=No

Routing: if F3A20=yes then go to F3A21;  
else go to F3A22.

~~~~~  
Form: F3A21

Question wording: How much do you pay each month for these loans?

(Please round to a whole number.)

+++++

Variable: F3A21

Routing: go to F3A22.

~~~~~  
Form: F3A22

Question wording: Please indicate whether your student loan debt has influenced your employment plans and decisions in any of the following ways.

Did you...

+++++

Variable: F3A22A

Item wording: take a job outside your field of study or training because of your student loan debt?

1=Yes

0=No

Variable: F3A22B

Item wording: take a less desirable job because of your student loan debt?

1=Yes

0=No

Variable: F3A22C

Item wording: have to work at more than one job at the same time because of your student loan debt?

1=Yes

0=No

Variable: F3A22D

Item wording: have to work more hours than desired because of your student loan debt?

1=Yes

0=No

Routing: go to F3A23.

~~~~~  
Form: F3A23

Question wording: During your first term at [name of first-attended postsecondary institution], did you receive any grants or scholarships?

+++++

Variable: F3A23

1=Yes

0=No

Routing: if F3A23=yes then go to F3A24;
else go to F3A25.

~~~~~  
Form: F3A24

Question wording: During your first term at [name of first-attended postsecondary institution], did those grants or scholarships pay for all, at least half but not all, or less than half of your...

+++++

Variable: F3A24A

Item wording: tuition and fees?

1=All

2=At least half, but not all

3=Less than half

Variable: F3A24B

Item wording: other college expenses such as rent, food, or books?

1=All

2=At least half, but not all

3=Less than half

Routing: go to F3A25.

~~~~~  
Form: F3A25

Question wording: During your last term at [name of last-attended postsecondary institution], did you receive any grants or scholarships?

+++++

Variable: F3A25

1=Yes

0=No

Routing: if F3A25=yes then go to F3A26;
else go to F3A27.

~~~~~  
Form: F3A26

Question wording: During your last term at [name of last-attended postsecondary institution], did those grants or scholarships pay for all, at least half but not all, or less than half of your...

+++++

Variable: F3A26A

Item wording: tuition and fees?

1=All

2=At least half, but not all

3=Less than half

Variable: F3A26B

Item wording: other college expenses such as rent, food, or books?

1=All

2=At least half, but not all

3=Less than half

Routing: go to F3A27.

~~~~~  
Form: F3A27

Question wording: Now we would like to ask you about professional certification and licensure.

Do you have a current professional certification, professional license, or a state or industry license?

(A professional certification or license verifies that you are qualified to perform a specific job. It includes things like licensed realtor, certified medical assistant, certified construction manager, or Cisco Certified Network Associate.)

+++++

Variable: F3A27

1=Yes

0=No

Routing: if F3A27=yes then go to F3A28;
else go to Introduction to Section B.

~~~~~  
Form: F3A28

Question wording: Were you certified or licensed by...

+++++

Variable: F3A28A

Item wording: your state?

1=Yes

0=No

Variable: F3A28B

Item wording: a professional organization?

1=Yes

0=No

Variable: F3A28C

Item wording: an industry, company, or some other organization?

1=Yes

0=No

Routing: Go to F3A29.

---

Form: F3A29

Question wording: The following questions are about your most recent certification or license.

Did you have to do any of the following to get this certification or license?

+++++

Variable: F3A29A

Item wording: Demonstrate skills while on the job

1=Yes

0=No

Variable: F3A29B

Item wording: Pass a test or exam

1=Yes

0=No

Variable: F3A29C

Item wording: Submit a portfolio of your work

1=Yes

0=No

Routing: go to F3A30.

---

Form: F3A30

Question wording: To maintain this certification or license, do you have to...

+++++

Variable: F3A30A

Item wording: take continuing education classes or earn continuing education units (CEUs)?

1=Yes

0=No

Variable: F3A30B

Item wording: take periodic tests?

1=Yes

0=No

Routing: go to F3A31.

---

Form: F3A31

Question wording: Can this certification or license be...

+++++

Variable: F3A31A

Item wording: revoked or suspended for any reason?

1=Yes

2=No

3=Don't know

Variable: F3A31B

Item wording: used if you wanted to get a job with any employer in that field? (Answer "yes" for credentials that are recognized state-wide or regionally.)

1=Yes

2=No

3=Don't know

Routing: go to F3A32.

~~~~~  
Form: F3A32

Question wording: Was a professional certification or a state or industry license required for your current or most recent job?

+++++

Variable: F3A32

1=Yes

0=No

Routing: go to Introduction to Section B.

Section B: Current / Most Recent Employment

~~~~~

Form: Introduction to Section B

Question wording: In this next section we'll ask [further] questions about your current or most recent employment, including any military experience.

+++++

Routing: if respondent previously indicated their current or June 2011 activities included military service, then go to F3B02;  
else go to F3B01.

~~~~~  
Form: F3B01

Question wording: Have you ever been in the military?

+++++

Variable: F3B01

1=Yes

0=No

Routing: If F3B01=yes then go to F3B02;
else if respondent did not indicate (in Section A) having a job either currently or in June 2011
then go to F3B09;
else if respondent is not currently working full-time then go to F3B10;
else go to F3B12.

~~~~~  
Form: F3B02

Question wording: In which branches of the military have you served?

+++++

Variable: F3B02A

Item wording: Army

0=No

1=Yes

Variable: F3B02B

Item wording: Air Force

0=No

1=Yes

Variable: F3B02C

Item wording: Marine Corps

0=No

1=Yes

Variable: F3B02D

Item wording: Navy

0=No

1=Yes

Variable: F3B02E

Item wording: Coast Guard

0=No

1=Yes

Routing: if currently serving in the military then go to F3B03;  
else go to F3B04.

~~~~~  
Form: F3B03

Question wording: Are you currently serving...

+++++

Variable: F3B03

1=on active duty,

2=in the Reserves, or

3=in the National Guard?

Routing: go to F3B04.

~~~~~

Form: F3B04

Question wording: In what month and year did your first military service begin?

+++++

Variable: F3B04

Routing: If not currently serving then go to F3B05;  
else go to F3B06.

~~~~~  
Form: F3B05

Question wording: In what month and year did your most recent military service end?

+++++

Variable: F3B05

Routing: go to F3B06.

~~~~~  
Form: F3B06

Question wording: What is the highest military pay grade you have achieved?

+++++

Variable: F3B06

Item wording:

-9=Select one

1=E-1

2=E-2

3=E-3

4=E-4

5=E-5

6=E-6

7=E-7

8=E-8

9=E-9

10=E-10

11=O-1

12=O-2

13=O-3

14=O-4

15=O-5

16=O-6

17=O-7

18=O-8

19=O-9

20=O-10

21=O-1E

22=O-2E

23=O-3E

24=W-1

25=W-2

26=W-3

27=W-4

28=W-5

Routing: If respondent is currently serving on active duty then go to F3B08;  
else go to F3B07.

~~~~~  
Form: F3B07

Question wording: Have you ever served on active duty?

+++++

Variable: F3B07

1=Yes

0=No

Routing: If respondent has ever been on active duty then go to F3B08;
else if respondent is not currently working FT or is not currently serving in the armed forces then
go to F3B10;
else go to F3B12.

~~~~~  
Form: F3B08

Question wording: Have you ever served in a combat zone?

+++++

Variable: F3B08

1=Yes

0=No

Routing: if respondent not currently working FT and is not currently serving in the armed forces,  
then go to F3B10;  
else go to F3B12.

~~~~~  
Form: F3B09***

Question wording: Since January 2006, have you ever held a job for pay?

+++++

Variable: F3B09

1=Yes

0=No

Routing: if respondent provides a response then go to F3B10;
else if respondent does not provide a response then go to Introduction to Section C.

~~~~~  
Form: F3B10\*\*\*

Question wording: [You mentioned earlier that you are not currently working for pay. / You  
mentioned earlier that you are not currently working for pay at a full-time job.] Do you want a  
[full-time] job for pay at this time?

+++++

Variable: F3B10

1=Yes

0=No

Routing: go to F3B11

~~~~~  
Form: F3B11***

Question wording: Are you currently available and looking for [full-time] work?

+++++

Variable: F3B11

1=Yes

0=No

Routing: if respondent has never had a job for pay since January 2006, then go to F3C07;
else go to F3B12.

~~~~~  
Form: F3B12

Question wording: [Including your military service, how/How] many different employers have  
you had since January 2006?

(Please provide your best estimate. Please count yourself as an employer if you have been self-  
employed at any time since January 2006.)

+++++

Variable: F3B12

Routing: if respondent is currently working or serving in the military then go to F3B14;  
else if respondent is not currently working and not currently serving in the military then go to  
F3B13;  
else go to F3B15 (respondent's current employment/military status is unknown).

~~~~~  
Form: F3B13

Question wording: [Including service in the armed forces, in/In] what month and year were you
last working for pay?

+++++

Variable: F3B13

Routing: go to F3B15.

~~~~~  
Form: F3B14

Question wording: [Including service in the armed forces, how many full-time jobs and how  
many part-time jobs do you currently have? / Altogether, how many full-time jobs do you  
currently have? / Altogether, how many part-time jobs do you currently have? / Altogether, how  
many full-time jobs and how many part-time jobs do you currently have?]

+++++

Variable: F3B14A

Item wording: |current full-time jobs (35 hours/week or more)

Variable: F3B14B

Item wording: |current part-time jobs (less than 35/hours week)

Routing: go to F3B15.

~~~~~  
Form: F3B15***

Question wording: [These next questions are about the job at which you work the most hours. For your primary job, what is your job title, and what are your job duties? / These next questions are about your current job. For your current job, what is your job title, and what are your job duties? / These next questions are about your military job. For your military job, what is your job title, and what are your job duties? / These next questions are about your most recent job. For your most recent job, what was your job title, and what were your job duties?]

+++++

Variable(s): F3B15A and F3B15B

Routing: Go to F3B16

~~~~~  
Form: F3B16

Question wording: In what month and year did you begin your job as [job name]?

+++++

Variable: F3B16

Routing: If currently serving in the military and not currently working a civilian job then skip to F3B20;  
else go to F3B17.

~~~~~  
Form: F3B17

Question wording: For your job as a [job name], [are/were] you...

+++++

Variable: F3B17

1=working for yourself, or

2=working for someone else?

Routing: if respondent is working for his/herself then go to F3B18;
else go to F3B19;

~~~~~  
Form: F3B18

Question wording: [Are/Were] you...

+++++

Variable: F3B18A

Item wording: the owner of your own business?

1=Yes

0=No

Variable: F3B18B

Item wording: a partner with others?

1=Yes

0=No

Variable: F3B18C

Item wording: supposed to file a federal income tax form SE?

1=Yes

0=No

Variable: F3B18D

Item wording: an independent contractor, consultant, or freelancer?

1=Yes

0=No

Routing: Go to F3B20.

~~~~~  
Form: F3B19

Question wording: What type of organization or business [employs/employed] you? [Is/Was] it...

+++++

Variable: F3B19

1=a private, for-profit business or company

2=a non-profit or not-for-profit organization or company

3=local government

4=state government

5=federal government, including civilian employees of the military, or

6=the military, including the National Guard?

Routing: Go to F3B20.

~~~~~  
Form: F3B20

Question wording: [Do/Did] you supervise the work of others as part of your job as a [job name]?

+++++

Variable: F3B20

1=Yes

0=No

Routing: Go to F3B21

~~~~~

Form: F3B21

Question wording: Typically, how many hours per week [do/did] you work for pay in your job as a [job name]?

+++++

Variable: F3B21

Routing: If respondent works more than one job, go to F3B22;
Else go to F3B23.

~~~~~  
Form: F3B22

Question wording: Now we would like you to consider all of your current jobs for pay. How many total hours per week do you work for pay in a typical week across all of these jobs?

+++++

Variable: F3B22

Routing: Go to F3B23

~~~~~  
Form: F3B23

Question wording: Which one of the following four statements best describes your job as a [job name]?

+++++

Variable: F3B23

- 1=Someone else [decides/decided] what you [do/did] and how you [do/did] it.
- 2=Someone else [decides/decided] what you [do/did], but you [decide/decided] how to do it.
- 3=You [have/had] some freedom in deciding what you [do/did] and how you [do/did] it.
- 4=You [are/were] basically your own boss.

Routing: if respondent is self-employed then go to F3B25;
else go to F3B24.

~~~~~  
Form: F3B24

Question wording: [Does/Did] your employer for your job as a [job name] offer medical insurance such as health, dental, or vision?

+++++

Variable: F3B24

- 1=Yes
- 0=No

Routing: Go to F3B25

~~~~~

Form: F3B25

Question wording: On a scale of 1 to 5, where 1 means "Definitely not at an aspect of the job" and 5 means "Very much an aspect of the job", please indicate to what extent the following job characteristics [apply/applied] to your job as a [job name].

+++++

Variable: F3B25A

Item wording: Job security

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25B

Item wording: Opportunity to learn new things

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25C

Item wording: High earnings

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25D

Item wording: New challenges

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25E

Item wording: Enough time for leisure activities

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25F

Item wording: Chance of doing something useful for society

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Variable: F3B25G

Item wording: Chance to balance work and family responsibilities

1=1 = Definitely not an aspect of the job

2=2

3=3

4=4

5=5 = Very much an aspect of the job

Routing: go to F3B26.

~~~~~  
Form: F3B26\*\*\*

Question wording: Now we would like to ask you a few questions concerning your earnings at your job as a [job name]. For your job as a [job name], what is the easiest way for you to report your total earnings before taxes or other deductions?

(We use this information to compare the amount that people earn in different types of jobs.)

+++++

Variable: F3B26

1=per hour

2=per day

3=per week

4=every 2 weeks

5=twice per month

6=per month

7=per year

Routing: if respondent does not answer "per hour" go to F3B27;  
else go to F3B28.

~~~~~  
Form: F3B27***

Question wording: Even though you told me it is easier to report your earnings [F3B26], [are/were] you paid at an hourly rate on your job as a [job name]?

+++++

Variable: F3B27

1=Yes

0=No

Routing: Go to F3B28.

~~~~~  
Form: F3B28\*\*\*

Question wording: For your job as a [job name], about how much [do/did] you earn [per hour/F3B26] before taxes and other deductions?

+++++

Variable: F3B28

Routing: go to F3B29.

~~~~~  
Form: F3B29

Question wording: Which of the following best describes your job as a [job name]?

+++++

Variable: F3B29

1=It fulfills your long-term career goals.

2=It is a step on the path to your long-term career goals.

3=It is not related to your long-term career goals.

4=You do not have long-term career goals.

Routing: go to F3B30.

~~~~~  
Form: F3B30

Question wording: [Are/Were] any of the following required for your job as a [job name]?

+++++

Variable: F3B30A

Item wording: A post-baccalaureate graduate degree

1=Yes

0=No

Variable: F3B30B

Item wording: A bachelor's degree (usually a 4-year degree)

1=Yes

0=No

Variable: F3B30C

Item wording: An associate's degree (usually a 2-year degree)

1=Yes

0=No

Variable: F3B30D

Item wording: An undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)

1=Yes

0=No

Routing: if respondent has any postsecondary attendance then go to F3B31;  
else if currently working or currently serving in the military then go to F3B34;  
else go to F3B35;

~~~~~  
Form: F3B31

Question wording: How closely related [is/was] your job as a [job name] to the major or field of study you had when you were last enrolled in college? Would you say...

+++++

Variable: F3B31

- 1=closely related,
- 2=somewhat related, or
- 3=not related?

Routing: if respondent provides any answer other than "closely related" (or does not respond), then go to F3B32;
else go to F3B33.

~~~~~  
Form: F3B32

Question wording: Have you ever had a job that was closely related to the major or field of study you had when you were last enrolled in college?

+++++

Variable: F3B32

- 1=Yes
- 0=No

Routing: Go to F3B33.

~~~~~  
Form: F3B33

Question wording: [Would it be/Was it] difficult for you to do your job as a [job name] without the courses you took in college?

+++++

Variable: F3B33

- 1=Yes
- 0=No

Routing: if respondent is currently employed or currently serving in the armed forces then go to F3B34;
else go to F3B35.

~~~~~  
Form: F3B34

Question wording: Please indicate the extent to which you agree or disagree with each of the following statements about your job as a [job name]:

+++++

Variable: F3B34A

Item wording: Most people at work are pretty supportive of you.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34B

Item wording: There are people you can learn from at work.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34C

Item wording: There are people you can turn to for help in solving a work problem.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34D

Item wording: You feel fairly well satisfied with your present job.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34E

Item wording: Most days you are enthusiastic about your work.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34F

Item wording: You find real enjoyment in your work.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34G

Item wording: You plan to remain in your current job over the next year.

- 1=Strongly agree
- 2=Agree
- 3=Neither agree nor disagree
- 4=Disagree
- 5=Strongly disagree

Variable: F3B34H

Item wording: You don't usually think about leaving this job.

1=Strongly agree

2=Agree

3=Neither agree nor disagree

4=Disagree

5=Strongly disagree

Variable: F3B34I

Item wording: You feel pretty strongly committed to keeping your current job.

1=Strongly agree

2=Agree

3=Neither agree nor disagree

4=Disagree

5=Strongly disagree

Routing: Go to F3B35.

~~~~~  
Form: F3B35

Pre-Logic: if R last worked >1 year ago then do not administer F3B35 and instead skip to Introduction to Section C;
else administer F3F35.

Question wording:

Now we would like to ask you about any formal job training you have received from an employer. Think about the skills that are needed for doing your job as a [job name].

In the last 12 months, have you participated in a formal training program offered by an employer or a union that helped you learn or improve the skills needed to do your job?

(Include training from past as well as current employers if received in the last 12 months.)

+++++

Variable: F3B35

1=Yes

0=No

Routing: go to Introduction to Section C.

Section C: Employment History / Future Employment Plans

~~~~~

Form: Introduction to Section C

Question wording: Next we'd like to collect a short employment history, and ask about your future employment plans.

+++++

Routing: if last employment/military service was prior to 2009 (or, if respondent has no employment/military service), then go to F3C07;  
else if last employment/military service was during 2009, then go to F3C05;  
else if last employment/military service was during 2010, then go to F3C03;  
else go to F3C01.

~~~~~  
Form: F3C01

Question wording: Across all of your jobs during the 2011 calendar year,[including any military or civilian employment,] how many weeks did you work for pay? Please include all paid time off such as vacations, sick leave, and family leave in your weeks spent working; do not include time spent out of work, between jobs, or without pay.

(Please provide an answer between 0 and 52 weeks.)

+++++

Variable: F3C01

Routing: if respondent reports working for pay for 0 weeks during 2011, then skip to F3C03;
else go to F3C02.

~~~~~  
Form: F3C02

Question wording: [Earlier you told us how many hours you are currently working per week. Now, how / How] many hours did you work for pay at all jobs during a typical working week in 2011?

+++++

Variable: F3C02

Routing: go to F3C03.

~~~~~  
Form: F3C03

Question wording: [Now, I would like you to think back to 2010.][Including any military or civilian employment during/During] the 2010 calendar year, were you...

+++++

Variable: F3C03

1=employed for six months or more

2=employed, but for less than six months, or

3=not employed at all?

Routing: if respondent reports being employed at all during 2010, then go to F3C04;
else go to F3C05.

~~~~~

Form: F3C04

Question wording: For your employment in 2010, were you primarily working...

+++++

Variable: F3C04

1=35 hours or more per week, or

2=less than 35 hours per week?

Routing: go to F3C05.

Form: F3C05

Question wording: [Now, I would like you to go back a year further to 2009. ][Including any military or civilian employment during/During] the 2009 calendar year, were you...

+++++

Variable: F3C05

1=employed for 6 months or more

2=employed, but for less than 6 months, or

3=not employed at all?

Routing: if respondent reports being employed at all during 2009, then go to F3C06;  
else go to F3C07.

Form: F3C06

Question wording: For your employment in 2009, were you primarily working...

+++++

Variable: F3C06

1=35 hours or more per week, or

2=less than 35 hours per week?

Routing: Go to F3C07.

Form: F3C07\*\*\*

Question wording: Since January 2009, have you ever been unemployed for a period of one month or more, that is, not employed but seeking employment ?

+++++

Variable: F3C07

1=Yes

0=No

Routing: if F3C07=yes then go to F3C08;  
else go to F3C11.

Form: F3C08\*\*\*

Question wording: Since January 2009, approximately how many months in total have you been unemployed (not employed but seeking employment)?

+++++

Variable: F3C08

Routing: go to F3C09.

~~~~~  
Form: F3C09

Question wording: Since January 2009, approximately how many times have you been unemployed for a period of one month or more (not employed but seeking employment)?

+++++

Variable: F3C09

Routing: if respondent reports multiple unemployment spells since 1/2009 then go to F3C10; else go to F3C11.

~~~~~  
Form: F3C10

Question wording: [Of the [F3C09] times you mentioned being unemployed since January 2009 / Since January 2009], what was the longest period of time you were unemployed (not employed but seeking employment)?

(Please indicate your longest period of unemployment in terms of number of months.)

+++++

Variable: F3C10

Routing: go to F3C11.

~~~~~  
Form: F3C11

Question wording: Since January 2009, have you ever received unemployment compensation, applied for unemployment compensation, or been eligible to receive unemployment compensation?

+++++

Variable: F3C11

1=Yes

0=No

Routing: go to F3C12.

~~~~~  
Form: F3C12

Question wording: Since January 2009, have any of the following interfered with your career plans?

(Please answer 'Yes' or 'No' for each row below.)

+++++

Variable: F3C12A

Item wording: Not having the required degree, license, or credential

1=Yes

0=No

Variable: F3C12B

Item wording: Not having high enough grades

1=Yes

0=No

Variable: F3C12C

Item wording: Being considered “overqualified”

1=Yes

0=No

Variable: F3C12D

Item wording: Illness, accident, or disability

1=Yes

0=No

Variable: F3C12E

Item wording: Lack of openings in your field

1=Yes

0=No

Variable: F3C12F

Item wording: Inability to relocate

1=Yes

0=No

Variable: F3C12G

Item wording: Lack of affordable child care

1=Yes

0=No

Variable: F3C12H

Item wording: Discrimination against persons of your race or ethnic background

1=Yes

0=No

Variable: F3C12I

Item wording: Discrimination against persons of your gender

1=Yes

0=No

Variable: F3C12J

Item wording: Lack of social connections or contacts

1=Yes

0=No

Variable: F3C12K

Item wording: Difficulty getting to or from work; for example, an inability to afford transportation

1=Yes

0=No

Routing: go to F3C13.

~~~~~  
Form: F3C13***

Question wording: What job for pay or occupation do you plan to have when you are age 30?

+++++

Variable(s): F3C13A and F3C13B

Routing: If respondent indicates they don't know what job they plan to have at age 30, or indicates they don't plan on working at age 30, or otherwise does not provide a job they plan to work at age 30, then skip to Introduction to Section D;
else go to F3C14.

~~~~~  
Form: F3C14

Question wording: How much education do you think you need to get the job you expect or plan to have when you are 30 years old?

+++++

Variable: F3C14

- 1=Less than high school completion
- 2=GED or other high school equivalency
- 3=High school diploma
- 4=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)
- 5=Associate's Degree (usually a 2-year degree)
- 6=Bachelor's Degree (usually a 4-year degree)
- 7=Master's Degree
- 8=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)
- 9=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)
- 10=Doctoral Degree – other
- 11=Don't know

Routing: go to Introduction to Section D.

## **Section D: Family Life, Finances, and Community**

~~~~~  
Form: Introduction to Section D

Question wording: In this last section we'd like to ask you some questions about your family life, your finances, and your community.

+++++

Routing: go to F3D01.

~~~~~

Form: F3D01\*\*\*

Question wording: What is your current marital status?

+++++

Variable: F3D01

1=Single, never married

2=Married

3=Divorced

4=Separated

5=Widowed

Routing: if respondent is married, divorced, separated, or widowed then go to F3D02;  
else go to F3D04.

~~~~~  
Form: F3D02

Question wording: [Including your current marriage, how/How] many times have you been married?

+++++

Variable: F3D02

Routing: go to F3D03.

~~~~~  
Form: F3D03

Question wording: [In what month and year were you married? / In what month and year did your [first/second/third/fourth/etc.] marriage begin?]

+++++

Variable(s): F3D03\_x

Routing: if start date has not yet been collected for all marriages then re-administer F3D03;  
else if respondent is currently married then go to F3D05;  
else go to F3D04;

~~~~~  
Form: F3D04***

Question wording: Are you currently living with a significant other in a marriage-like relationship?

+++++

Variable: F3D04

1=Yes

0=No

Routing: If F3D04=yes then go to F3D05;
else go to F3D06.
~~~~~

Form: F3D05

Question wording: What is the highest level of education your [current ][spouse/partner] has completed?

+++++

Variable: F3D05

- 1=Less than high school completion
- 2=GED or other high school equivalency
- 3=High school diploma
- 4=Undergraduate certificate or diploma (usually less than 2 years), including those leading to a license (for example, cosmetology)
- 5=Associate's Degree (usually a 2-year degree)
- 6=Bachelor's Degree (usually a 4-year degree)
- 7=Master's Degree
- 8=Doctoral Degree – research/scholarship (for example, PhD., EdD., etc.)
- 9=Doctoral Degree – professional practice (including: chiropractic, dentistry, law, medicine, optometry, pharmacy, podiatry, or veterinary medicine)
- 10=Doctoral Degree – other

Routing: go to F3D06.

~~~~~  
Form: F3D06***

Question wording: Have you had any biological children, that is, children [for whom you are the natural father/for whom you are the natural mother/born to you]?

+++++

Variable: F3D06

- 1=Yes
- 0=No

Routing: if respondent has had a biological child then go to F3D07;
else go to F3D10.

~~~~~  
Form: F3D07\*\*\*

Question wording: How many biological children have you had?

+++++

Variable: F3D07

Routing: Go to F3D08.

~~~~~  
Form: F3D08

Question wording: In what month and year was your [first/second/third/fourth/etc.] biological child born?

+++++

Variable(s): F3FD08_x

Routing: go to F3D09.

~~~~~  
Form: F3D09

Pre-Logic: if respondent's current marital status is "single, never married", and birthdates have not yet been asked about for all of respondent's children, then do not administer F3D09 but go back to F3D08;

else if respondent's current marital status is "single, never married" then do not administer F3D09 but skip to F3D10;  
else administer F3D09.

Question wording: At the time of your [first/second/third/etc.] biological child's birth, were you married to your [first/second/third/etc.] child's [father/mother/other parent]?

+++++

Variable(s): F3D09\_x

1=Yes

0=No

Routing: if birthdates have not yet been asked about for all of respondent's children then go to F3D08;  
else go to F3D10.

~~~~~  
Form: F3D10

Question wording: Have you ever adopted a child?

+++++

Variable: F3D10

1=Yes

0=No

Routing: If F3D10=yes then go to F3D11;
else go to F3D13.

~~~~~  
Form: F3D11

Question wording: How many children have you adopted?

+++++

Variable: F3D11

Routing: go to F3D12.

Form: F3D12

Question wording: In what month and year did you [first/next] adopt a child?

+++++

Variable(s): F3D12\_x

Routing: if adoption dates have not yet been asked about for all adopted children, then repeat F3D12;  
else go to F3D13.

~~~~~  
Form: F3D13***

Question wording: Now we'd like to collect some information about your current living arrangements.

What is the 5-digit ZIP code for your current residence?

+++++

Variable: F3D13

Routing: if respondent is currently "living with a significant other in a marriage-like relationship", then go to F3D15;
else go to F3D14.

~~~~~  
Form: F3D14

Question wording: Do you live...

+++++

Variable: F3D14

1=with others, or

2=by yourself?

Routing: if respondent lives by self then go to F3D18;  
else go to F3D15.

~~~~~  
Form: F3D15

Question wording: How many of each of the following people live with you?

(Please count each person only once, and enter '0' where appropriate.)

+++++

Variable: F3D15A

Item wording: |Friends or roommates

Variable: F3D15B

Item wording: |Brothers or sisters (including adoptive, step, and foster siblings)

Variable: F3D15C

Item wording: |Children (yours or otherwise)

Variable: F3D15D

Item wording: |Your mother or female guardian

Variable: F3D15E

Item wording: |Your father or male guardian

Variable: F3D15F

Item wording: |Your spouse

Variable: F3D15G

Item wording: |Your partner in a marriage-like relationship

Variable: F3D15H

Item wording: |Any others not already named

Routing: if respondent's father/male guardian or mother/female guardian lives in household then go to F3D16;
else go to F3D18.

~~~~~  
Form: F3D16

Question wording: Do you...

+++++

Variable: F3D16

1=live in your parent or guardian's home, or

2=[does she/does he/do they] live in your home?

Routing: if respondent is living in their parent's home then go to F3D17;  
else go to F3D18;

~~~~~  
Form: F3D17

Question wording: Do you contribute to the cost of your room and board by paying money to your parent(s) or guardian(s), paying certain household bills, or buying things such as groceries for the household?

+++++

Variable: F3D17

1=Yes

0=No

Routing: Go to F3D18.

~~~~~  
Form: F3D18

Question wording: Now we would like to get some information about current dependents. Excluding [yourself/you and your spouse/you and your partner], do you currently support any dependents?

(A dependent is a person for whom you pay at least half their expenses, such as food, shelter, clothing, health care, and schooling. This may include your children, parents, or others. Note that a dependent does not have to live with you.)

+++++

Variable: F3D18

1=Yes

0=No

Routing: if F3D18=yes then go to F3D19;

else if respondent is married (or in a marriage-like relationship) and had no employment or military service during 2011 then skip to F3D22;

else if respondent had no employment or military service during 2011 then skip to F3D24;

else go to F3D20.

~~~~~  
Form: F3D19

Question wording: Excluding [yourself/you and your spouse/you and your partner], how many of each of the following types of dependents do you currently support?

(A dependent is a person for whom you pay at least half their expenses, such as food, shelter, clothing, health care, and schooling. This may include your children, parents, or others. Note that a dependent does not have to live with you.)

+++++

Variable: F3D19A

Item wording: [Number of dependents less than age 18

Variable: F3D19B

Item wording: [Number of dependents age 18 or older

Routing: if respondent is married (or in a marriage-like relationship) and had no employment or military service during 2011 then skip to F3D22;

else if respondent had no employment or military service during 2011 then skip to F3D24;

else go to F3D20.

~~~~~  
Form: F3D20\*\*\*

Question wording: About how much did you earn from employment in 2011 before taxes and all other deductions? Please include all wages, salaries, income from a business or farm, commissions, and tips you earned in 2011.[ Please include your earnings only; we will ask about your spouse's earnings in a separate question.][ Please include your earnings only; we will ask about your partner's earnings in a separate question.]

(Please round to a whole number.)

+++++

Variable: F3D20

Routing: if no response is provided, then go to F3D21;  
 else if respondent is married or in a marriage-like relationship then go to F3D22;  
 else go to F3D24.

~~~~~  
 Form: F3D21***

Question wording: We understand that you may not be able to provide an exact number for your job earnings. However, it would be extremely helpful if you would indicate which of the following ranges best estimates how much you earned from employment prior to taxes and deductions in calendar year 2011. Please include all wages, salaries, net income from a business or farm, commissions, and tips you earned in 2011. [Please include your earnings only; we will ask about your spouse's earnings in a separate question.][Please include your earnings only; we will ask about your partner's earnings in a separate question.]

+++++

Variable: F3D21

- 1=Less than \$1,000
- 2=\$1,000–\$2,499
- 3=\$2,500–\$4,999
- 4=\$5,000–\$9,999
- 5=\$10,000–\$14,999
- 6=\$15,000–\$19,999
- 7=\$20,000–\$24,999
- 8=\$25,000–\$29,999
- 9=\$30,000–\$34,999
- 10=\$35,000–\$44,999
- 11=\$45,000–\$54,999
- 12=\$55,000–\$64,999
- 13=\$65,000 and above

Routing: if respondent is married or in a marriage-like relationship then go to F3D22;
 else go to F3D24.

~~~~~  
 Form: F3D22

Question wording: Next, about how much did your [spouse/partner] earn from employment before taxes and all other deductions in 2011? Please include all wages, salaries, net income from a business or farm, commissions, and tips your [spouse/partner] earned in 2011.

(Please round to a whole number.)

+++++

Variable: F3D22

Routing: if no response is provided then go to F3D23;  
 else go to F3D24.

Form: F3D23

Question wording: We understand that you may not be able to provide an exact number for your [spouse's/partner's] job earnings. However, it would be extremely helpful if you would indicate which of the following ranges best estimates how much your [spouse/partner] earned from employment prior to taxes and deductions in calendar year 2011. Please include all wages, salaries, net income from a business or farm, commissions, and tips they earned in 2011.

+++++

Variable: F3D23

- 1=Less than \$1,000
- 2=\$1,000–\$2,499
- 3=\$2,500–\$4,999
- 4=\$5,000–\$9,999
- 5=\$10,000–\$14,999
- 6=\$15,000–\$19,999
- 7=\$20,000–\$24,999
- 8=\$25,000–\$29,999
- 9=\$30,000–\$34,999
- 10=\$35,000–\$44,999
- 11=\$45,000–\$54,999
- 12=\$55,000–\$64,999
- 13=\$65,000 and above

Routing: go to F3D24.

~~~~~  
Form: F3D24

Question wording:

During 2011, did [T_YOU_SPOUSE_PARTNER] receive any of the following benefits?

- Supplemental Security Income (SSI)
- SNAP (the Food Stamp Program)
- TANF (the Temporary Assistance for Needy Families Program)
- the Free and Reduced Price School Lunch Program
- WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)

+++++

Variable: F3D24

- 1=Yes
- 0=No

Routing: go to F3D25.

~~~~~

Form: F3D25

Question wording: Have your[ or your [spouse's/partner's]] parents or guardians given you any money or paid for anything significant for you during the last 12 months? Do not include regular birthday or holiday gifts.

+++++

Variable: F3D25

1=Yes

0=No

Routing: go to F3D26.

~~~~~  
Form: F3D26

Question wording: Without considering any 2011 earnings from employment, approximately how much did [you/you and your spouse/you and your partner] receive from sources of income other than employment in 2011? Sources of income other than employment might include investments, unemployment compensation, alimony or child support, public assistance, family members, or disability payments.

(Please round to a whole number. If none, please enter '0'.)

+++++

Variable: F3D26

Routing: if respondent is currently married or living with a significant other in a marriage-like relationship, then go to F3D28;
else go to F3D27.

~~~~~  
Form: F3D27

Question wording: Now we would like to ask you some questions about any pension or retirement savings. Many employers and unions sponsor pensions or retirement plans, some provide tax-deferred plans such as 401(k) plans, profit sharing, or stock ownership plans. Other examples include thrift savings plans, 403(b) plans, 457 plans, SEP IRA plans, SIMPLE IRA plans, and other IRA plans.

Do you have any savings in these types of plans?

+++++

Variable: F3D27

1=Yes

0=No

Routing: If yes then go to F3D29;  
else if respondent lives in their parent/guardian's home then go to F3D33;  
else go to F3D30.

Form: F3D28

Question wording: Now we would like to ask you some questions about any pension or retirement savings. Many employers and unions sponsor pensions or retirement plans, some provide tax-deferred plans such as 401(k) plans, profit sharing, or stock ownership plans. Other examples include thrift savings plans, 403(b) plans, 457 plans, SEP IRA plans, SIMPLE IRA plans, and other IRA plans.

+++++

Variable: F3D28A

Item wording: Do you and your [spouse/partner] have any of these plans jointly?

1=Yes

0=No

Variable: F3D28B

Item wording: Do you have any of these plans on your own separate from your [spouse/partner]?

1=Yes

0=No

Variable: F3D28C

Item wording: Does your [spouse/partner] have any of these plans separate from you?

1=Yes

0=No

Routing: If respondent has own retirement plans, or if respondent holds retirement plans jointly with their spouse/partner, then go to F3D29;  
else if respondent lives in their parent/guardian's home then go to F3D33;  
else go to F3D30.

~~~~~  
Form: F3D29

Question wording: What is the total value of all savings [that you have in your own plans, and that you have jointly with your spouse / that you have in your own plans, and that you have jointly with your partner / you have jointly with your spouse / you have jointly with your partner / you have] in these types of pension or retirement savings plans?

(Please round to a whole number.)

+++++

Variable: F3D29

Routing: if respondent lives in parent's/guardian's home then go to F3D33;
else go to F3D30.
~~~~~

Form: F3D30

Question wording: Do you...

+++++

Variable: F3D30

1=pay mortgage towards or own your home,

2=pay rent where you live, or

3=have some other arrangement?

Routing: If the respondent pays mortgage or owns their home then go to F3D31;

Else go to F3D33.

~~~~~  
Form: F3D31

Question wording: What is the present value of your home? That is, about how much would it bring if it were sold today?

(Please round to a whole number.)

+++++

Variable: F3D31

Routing: go to F3D32.

~~~~~  
Form: F3D32

Question wording: About how much do [you/you and your spouse/you and your partner] owe in total on the mortgage for your residence?

(If none, please enter '0'. Please round to a whole number.)

+++++

Variable: F3D32

Routing: Go to F3D33.

~~~~~  
Form: F3D33***

Question wording: Now, think about your debts[, besides any mortgage on your home]. How much do you [and your spouse/partner] owe altogether? [Do not include mortgage loans, but include all other debts / Include all debts,] such as credit card debt, unpaid student loans, unpaid car loans, and all other unpaid loans.

(Please enter '0' if you [and others in your household] have no debt. Please round to a whole number.)

+++++

Variable: F3D33

Routing: Go to F3D34.

~~~~~  
Form: F3D34

Question wording: Suppose you [and your spouse/partner ]were to sell all of your major possessions[ including your home], turn all of your investments and other assets into cash, and pay off all of your debts[ including your mortgage]. Would you have something left over, break even, or be in debt?

+++++

Variable: F3D34

- 1=Have something left over
- 2=Break even (no assets and no debts)
- 3=Be in debt

Routing: If the respondent answered they'd be in debt or have something left over go to F3D35; Else go to F3D36.

~~~~~  
Form: F3D35

Question wording: How much would you [have left over / be in debt]?

(Please round to a whole number.)

+++++

Variable: F3D35

Routing: Go to F3D36.

~~~~~  
Form: F3D36

Question wording: Many young adults experience financial problems. On a scale of 1 to 5, where 1 means 'not at all stressful' and 5 means 'extremely stressful', how much stress have you felt in meeting your financial obligations during the past year?

+++++

Variable: F3D36

- 1=1=Not at all stressful
- 2=2
- 3=3=Moderately stressful
- 4=4
- 5=5=Extremely stressful

Routing: go to F3D37.

Form: F3D37

Question wording: Now we have some questions on voting.

Are you currently registered to vote?

+++++

Variable: F3D37

1=Yes

2=No

3=You are not eligible to vote

Routing: go to F3D38.

---

Form: F3D38

Question wording: [Even though you are not currently registered to vote, did/Even though you are not currently eligible to vote, did/Did] you vote in the 2008 presidential election?

+++++

Variable: F3D38

1=Yes

0=No

Routing: go to F3D39.

---

Form: F3D39

Question wording: Did you vote in any local, state, or national election during 2009, 2010, or 2011?

+++++

Variable: F3D39

1=Yes

0=No

Routing: go to F3D40.

---

Form: F3D40

Question wording: During the past two years, have you performed any unpaid volunteer or community service work through such organizations as youth groups, service clubs, church clubs, school groups, or social action groups?

+++++

Variable: F3D40

1=Yes

0=No

Routing: if respondent has volunteered in the last 2 years then go to F3D41;  
else go to F3D43.

---

Form: F3D41

Question wording: What type(s) of organizations have you been involved with in your unpaid volunteer or community service work during the past two years?

+++++

Variable: F3D41A

Item wording: Youth organizations, such as coaching Little League or helping with the scouts

1=Yes

0=No

Variable: F3D41B

Item wording: Service organizations, such as Big Brother/Big Sister or the Red Cross

1=Yes

0=No

Variable: F3D41C

Item wording: Political clubs or organizations

1=Yes

0=No

Variable: F3D41D

Item wording: Religious or spiritual organizations, including churches, synagogues, and mosques (but not including attending worship services)

1=Yes

0=No

Variable: F3D41E

Item wording: Community centers, neighborhood improvement, or civic associations or groups

1=Yes

0=No

Variable: F3D41F

Item wording: A hospital, nursing home, or retirement community, or a program making home visits to people in need

1=Yes

0=No

Variable: F3D41G

Item wording: Educational organizations, including schools and libraries

1=Yes

0=No

Variable: F3D41H

Item wording: A conservation, recycling, or environmental group such as the Sierra Club or the Nature Conservancy

1=Yes

0=No

Variable: F3D41I

Item wording: A group providing international aid or promoting world peace

1=Yes

0=No

Variable: F3D41J

Item wording: A group that helps people in need of food, shelter, or other basic necessities

1=Yes

0=No

Variable: F3D41K

Item wording: A group or organization related to arts or culture

1=Yes

0=No

Variable: F3D41L

Item wording: Any other kind of group or organization

1=Yes

0=No

Variable: F3D41M

Item wording: None of the above

1=Yes

0=No

Routing: go to F3D42.

~~~~~  
Form: F3D42

Question wording: During the past two years, how often did you spend time volunteering or performing community service? Would you say...

+++++

Variable: F3D42

1=less than once a month,

2=at least once a month but not weekly, or

3=at least once a week?

Routing: go to F3D43.

~~~~~  
Form: F3D43

Question wording: On a scale of 1 to 5, where 1 means 'never' and 5 means 'always', please indicate how often you contribute financially to causes you believe in; for example, making financial donations to charities, organizations, and causes.

+++++

Variable: F3D43

1=1=Never

2=2

3=3

4=4

5=5=Always

Routing: go to F3D44.

Form: F3D44

Question wording: Since January 2006, have any of the following happened to you?

+++++

Variable: F3D44A

Item wording: Your parents or guardians got divorced or separated

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44B

Item wording: One of your parents or guardians lost his or her job

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44C

Item wording: You lost your job

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44D

Item wording: One of your parents or guardians died

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44E

Item wording: A close relative or friend died

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44F

Item wording: You became seriously ill or disabled

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44G

Item wording: A family member became seriously ill or disabled

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Variable: F3D44H

Item wording: You were the victim of a violent crime

1=No, has not happened since January 2006

2=Yes, has happened once since January 2006

3=Yes, has happened more than once since January 2006

Routing: if respondent's parents/guardians have gotten divorced or separated then go to F3D45;  
else if respondent's parent/guardian has lost a job then go to F3D46;  
else if respondent has lost his/her job then go to F3D47;  
else if respondent's parent/guardian has died then go to F3D48;  
else if respondent's close friend or other relative has died then go to F3D49;  
else if respondent has become seriously ill then go to F3D50;  
else if respondent's family member has become seriously ill then go to F3D51;  
else if respondent has been victim of a violent crime then go to F3D52;  
else go to F3D53.

~~~~~  
Form: F3D45

Question wording:

[When did your parents or guardians get divorced or separated? / When was the first time that your parents or guardians got divorced or separated?]

Please remember to only include divorces/separations that have occurred since January 2006.

Variable: F3D45A

Question wording:

When was the last time your parents or guardians got divorced or separated?

Variable: F3D45B

Routing: if respondent's parent/guardian has lost a job then go to F3D46;
else if respondent has lost his/her job then go to F3D47;
else if respondent's parent/guardian has died then go to F3D48;
else if respondent's close friend or other relative has died then go to F3D49;
else if respondent has become seriously ill then go to F3D50;
else if respondent's family member has become seriously ill then go to F3D51;
else if respondent has been victim of a violent crime then go to F3D52;
else go to F3D53.

~~~~~  
Form: F3D46

Question wording:

[When did one of your parents or guardians lose his or her job? / When was the first time that one of your parents or guardians lost his or her job?]

Please remember to only include times they have lost a job since January 2006.

Variable: F3D46A

Question wording:

When was the last time one of your parents or guardians lost his or her job?

Variable: F3D46B

Routing: if respondent has lost his/her job then go to F3D47;  
else if respondent's parent/guardian has died then go to F3D48;  
else if respondent's close friend or other relative has died then go to F3D49;  
else if respondent has become seriously ill then go to F3D50;  
else if respondent's family member has become seriously ill then go to F3D51;  
else if respondent has been victim of a violent crime then go to F3D52;  
else go to F3D53.

~~~~~  
Form: F3D47

Question wording:

[When did you lose your job? / When was the first time that you lost your job?]

Please remember to only include times you lost a job since January 2006.

Variable: F3D47A

Question wording: When was the last time you lost your job?

Variable: F3D47B

Routing: if respondent's parent/guardian has died then go to F3D48;
else if respondent's close friend or other relative has died then go to F3D49;
else if respondent has become seriously ill then go to F3D50;
else if respondent's family member has become seriously ill then go to F3D51;
else if respondent has been victim of a violent crime then go to F3D52;
else go to F3D53.

~~~~~  
Form: F3D48

Question wording:

[When did one of your parents or guardians die? / When was the first time that one of your parents or guardians died?]

Please remember to only include events that have occurred since January 2006.

Variable: F3D48A

Question wording:

When was the last time one of your parents or guardians died?

Variable: F3D48B

Routing: if respondent's close friend or other relative has died then go to F3D49;  
else if respondent has become seriously ill then go to F3D50;  
else if respondent's family member has become seriously ill then go to F3D51;  
else if respondent has been victim of a violent crime then go to F3D52;  
else go to F3D53.

~~~~~

Form: F3D49

Question wording:

[When did your close friend or relative die? / When was the first time that one of your close friends or relatives died?]

Please remember to only include events that have occurred since January 2006.

Variable: F3D49A

Question wording:

When was the last time your close friend or relative died?

Variable: F3D49B

Routing: if respondent has become seriously ill then go to F3D50;
else if respondent's family member has become seriously ill then go to F3D51;
else if respondent has been victim of a violent crime then go to F3D52;
else go to F3D53.

~~~~~  
Form: F3D50

Question wording:

[When did you become seriously ill or disabled? / When was the first time that you became seriously ill or disabled?]

Please remember to only include events that have occurred since January 2006.

Variable: F3D50A

Question wording:

When was the last time you became seriously ill or disabled?

Variable: F3D50B

Routing: if respondent's family member has become seriously ill then go to F3D51;  
else if respondent has been victim of a violent crime then go to F3D52;  
else go to F3D53.

~~~~~  
Form: F3D51

Question wording:

When did your family member become seriously ill or disabled? / When was the first time that your family member became seriously ill or disabled?

Please only include events that have occurred since January 2006.

Variable: F3D51A

Question wording:

When was the last time your family member became seriously ill or disabled?

Variable: F3D51B

Routing: if respondent has been victim of a violent crime then go to F3D52;
else go to F3D53.

~~~~~  
Form: F3D52

Question wording:

[When were you the victim of a violent crime? / When was the first time you were the victim of a violent crime?]

Please remember to only include events that have occurred since January 2006.

Variable: F3D52A

Question wording:

When was the last time you were the victim of a violent crime?

Variable: F3D52B

Routing: go to F3D53.

~~~~~  
Form: F3D53

Question wording: How important is each of the following to you in your life?

+++++

Variable: F3D53A

Item wording: [Having/Finding] the right person to marry or partner with and having a happy family life

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53B

Item wording: Having lots of money

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53C

Item wording: Having strong friendships

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53D

Item wording: Helping other people in your community

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53E

Item wording: Being able to give your children better opportunities than you've had

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53F

Item wording: Living close to parents and relatives

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53G

Item wording: Working to correct social and economic inequalities

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53H

Item wording: Having children

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53I

Item wording: Having leisure time to enjoy your own interests

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53J

Item wording: Being an expert in your field of work

1=Not important

2=Somewhat important

3=Very important

Variable: F3D53K

Item wording: Having a good education

1=Not important

2=Somewhat important

3=Very important

Routing: go to Consent for Future Participation.

~~~~~  
Form: Consent for Future Participation\*\*\*

Question wording: We are almost done with this survey. But first, we want to let you know that some survey participants may be invited to participate in future follow-up studies to learn more about their education and employment experiences. These future follow-up studies will be led by external researchers not affiliated with the Department of Education. We would like to seek your permission to allow RTI to re-contact you on behalf of one of the external researchers. Your participation in any future study is completely voluntary, but there is no substitute for your response.

Are you willing to be contacted about these future studies?

Variable: N/A (not available on final datafile)

Routing: if the respondent's correct SSN has already been collected, then go to Incentive Mailing Information;  
else go to SSN.

~~~~~  
Form: SSN

Question wording: What is your Social Security number? ***

(This information will be kept in secure and protected data files, and will be separate from the responses you've already provided in your interview. All individually identifiable information supplied by individuals or institutions to a federal agency may be used only for statistical purposes and may not be disclosed or used in identifiable form for any other purpose, except as required by law (20 U.S.C. § 9573). However, giving us your Social Security number is completely voluntary and there is no penalty for not disclosing it.)

+++++

Variable: N/A (not available on final datafile)

Routing: go to Incentive Mailing Information.

~~~~~  
Form: Incentive Mailing Information\*\*\*

Question wording: Last, we would like to collect some information so that we can send you your \$[XX] check.

(Please update/verify your name and phone number below; please also update/verify the address to which you would like your check mailed.)

+++++

Variable(s): N/A (not available on final datafile)

Routing: go to END.

~~~~~  
Form: END***

Question wording: Congratulations, you have completed the ELS:2002/2012 survey!

On behalf of the U.S. Department of Education, thank you for your time and cooperation. We greatly appreciate your participation in this study.

~~~~~

## **Appendix D. FS Flow Charts**

---

*This page left intentionally blank.*



Figure D-2. Flow Chart: Section A-2

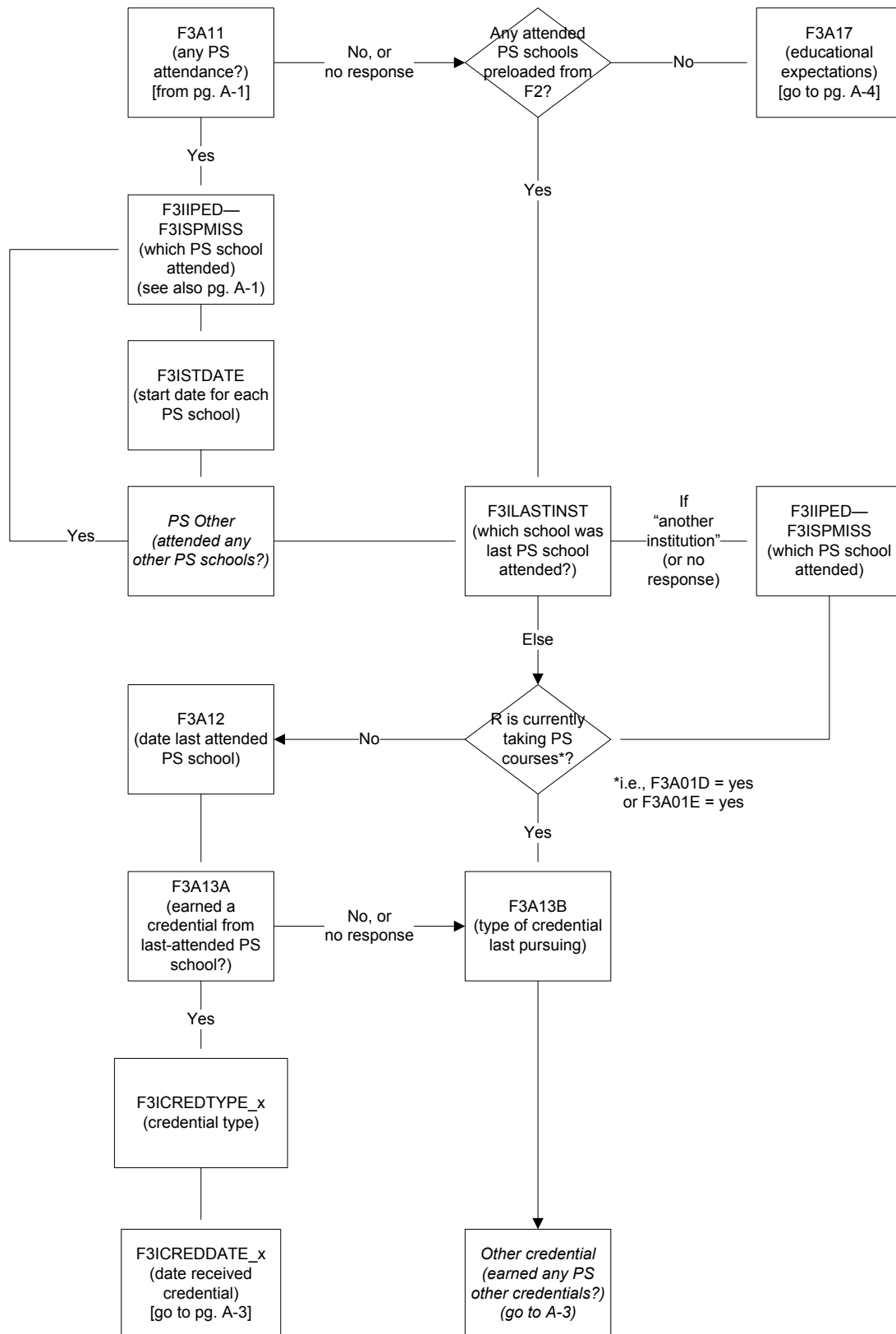


Figure D-3. Flow Chart: Section A-3

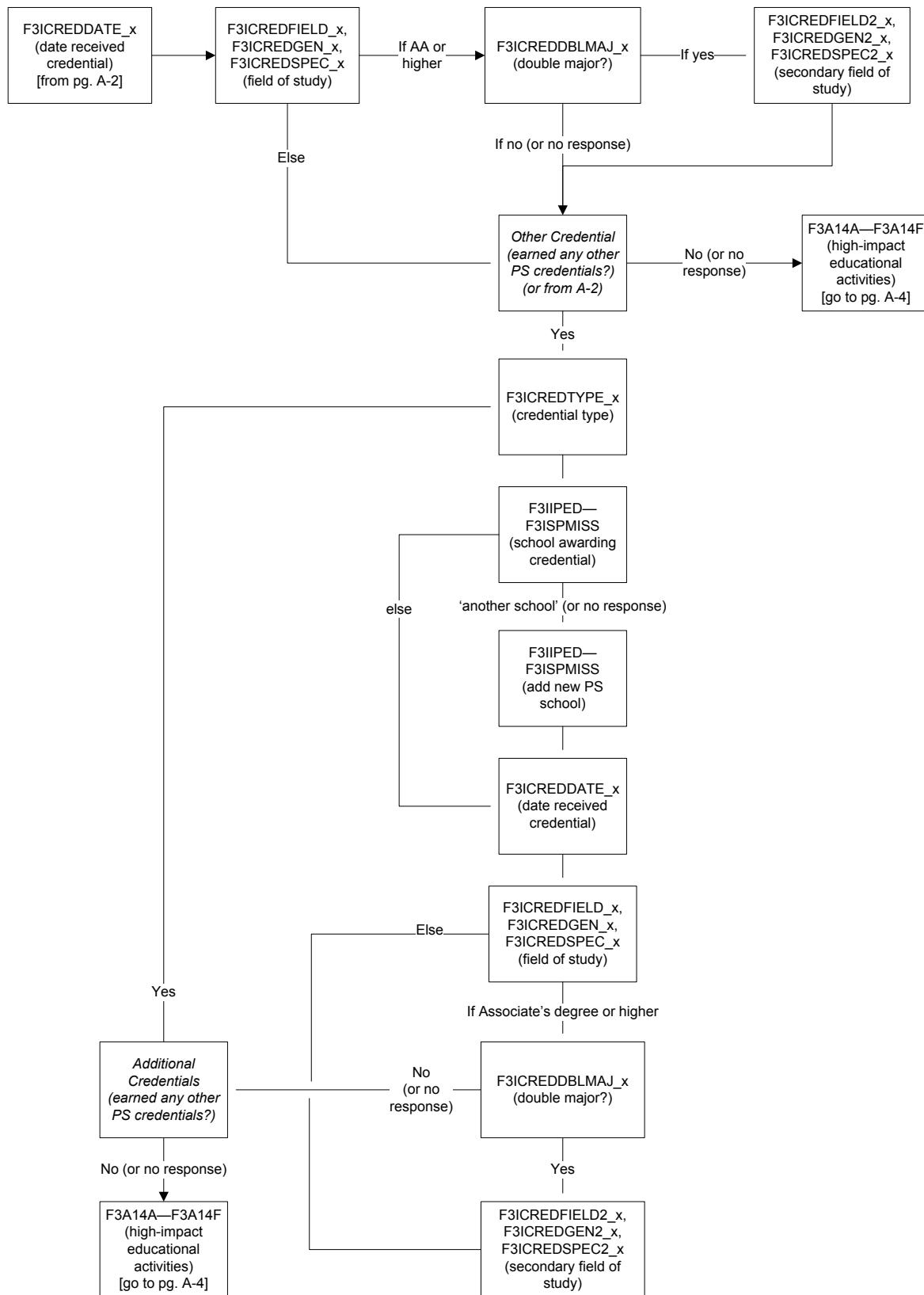


Figure D-4. Flow Chart: Section A-4

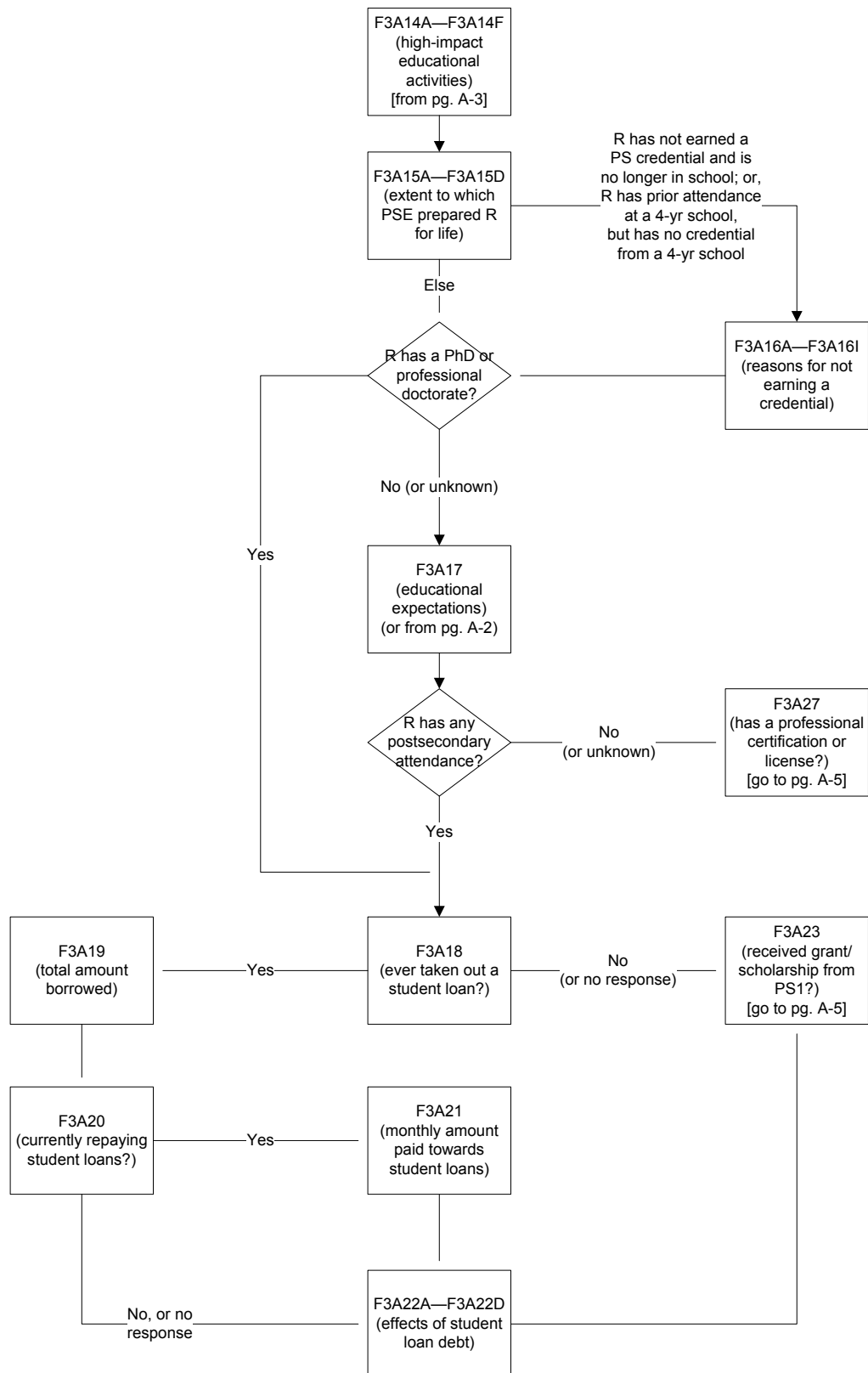
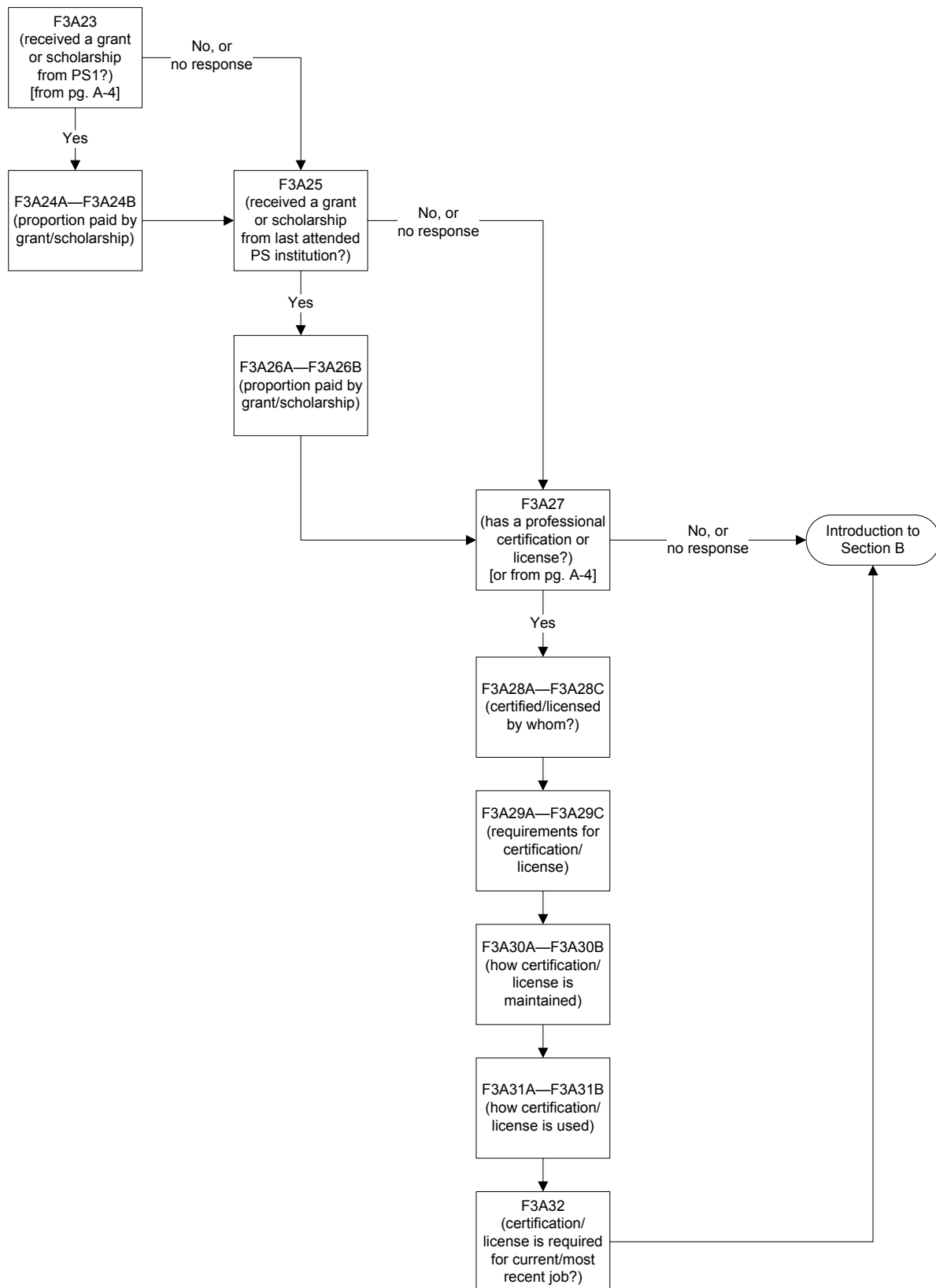


Figure D-5. Flow Chart: Section A-5



## Section B Flow Charts

Figure D-6. Flow Chart: Section B-1

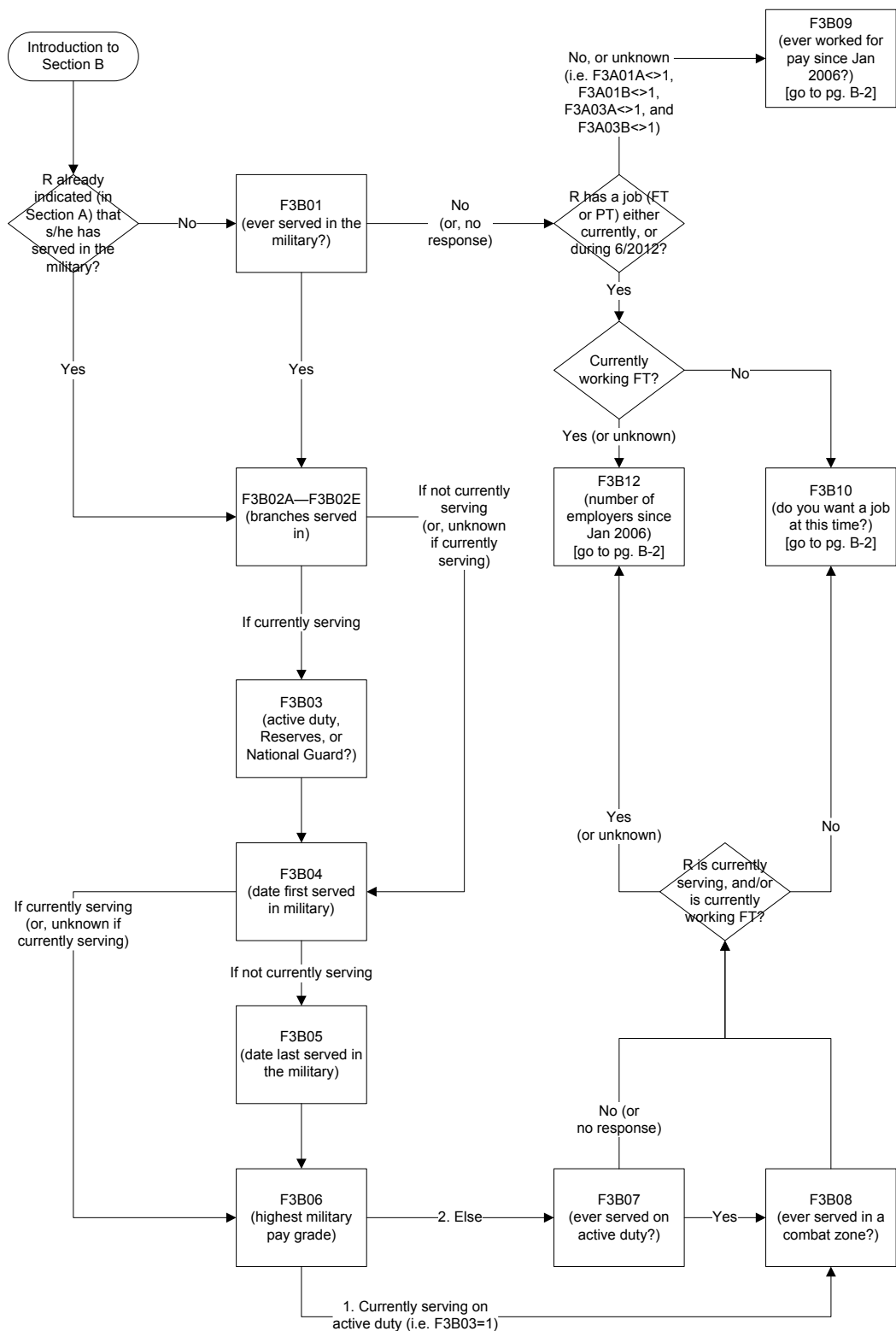


Figure D-7. Flow Chart: Section B-2

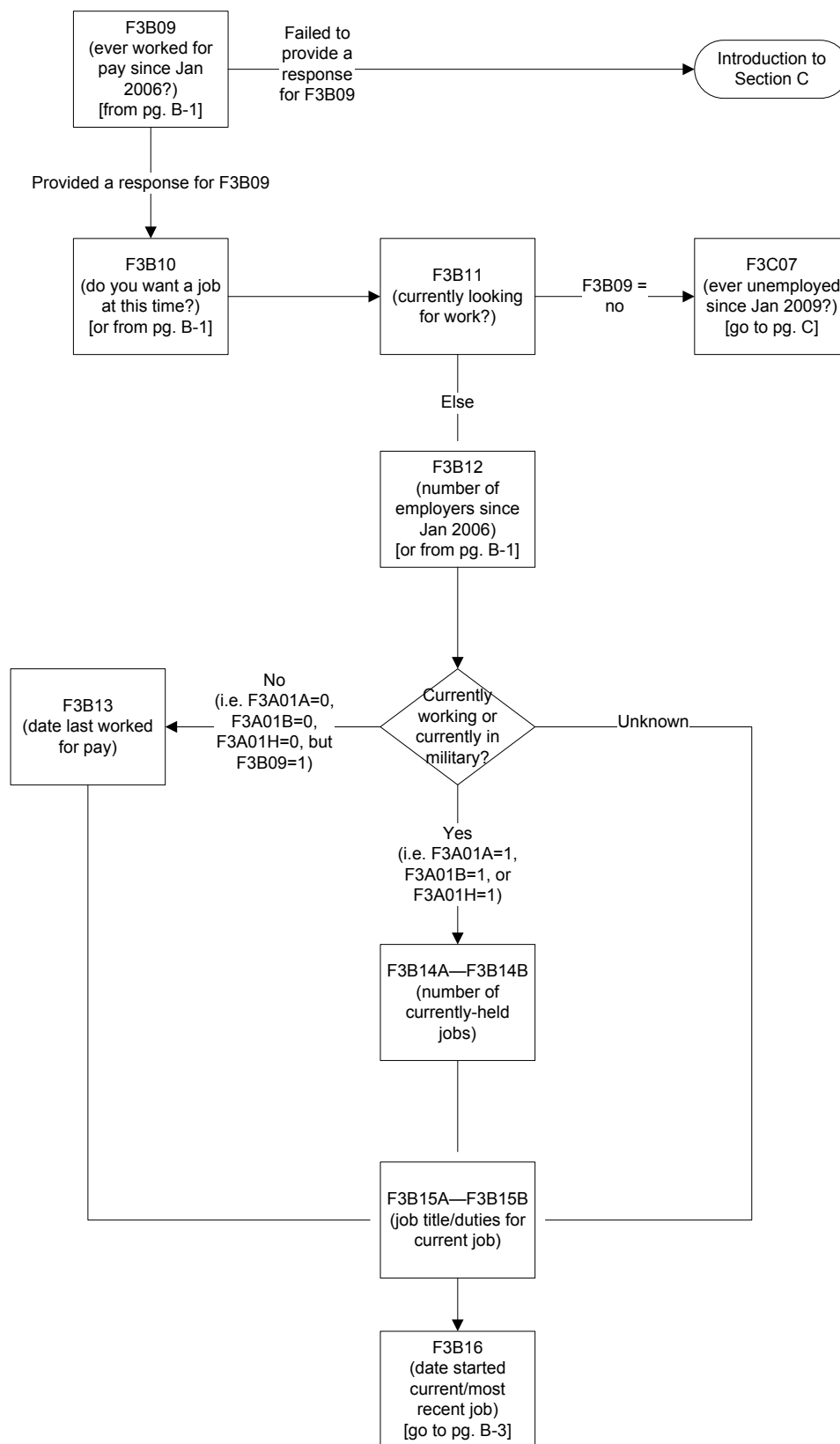


Figure D-8. Flow Chart: Section B-3

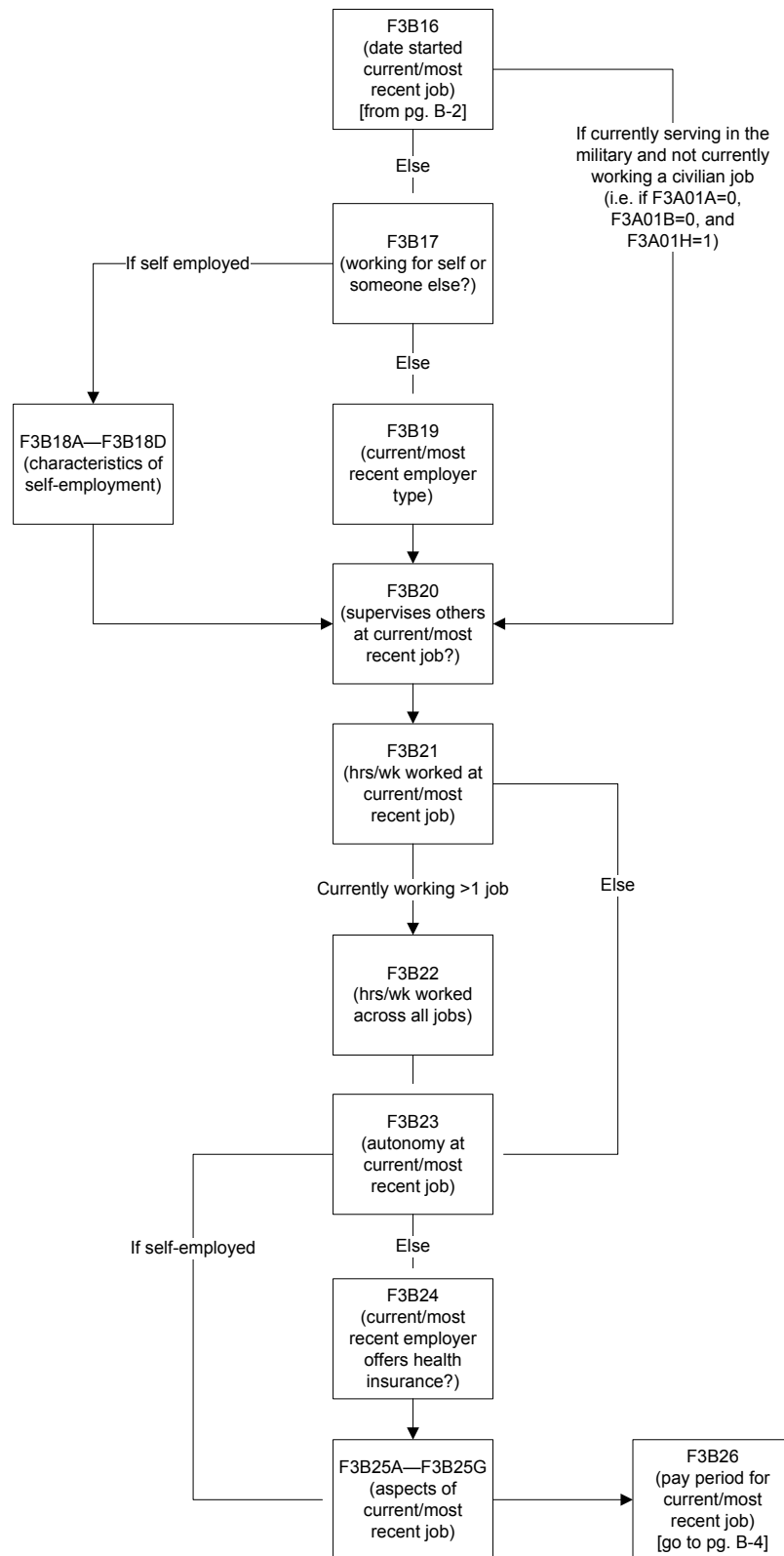
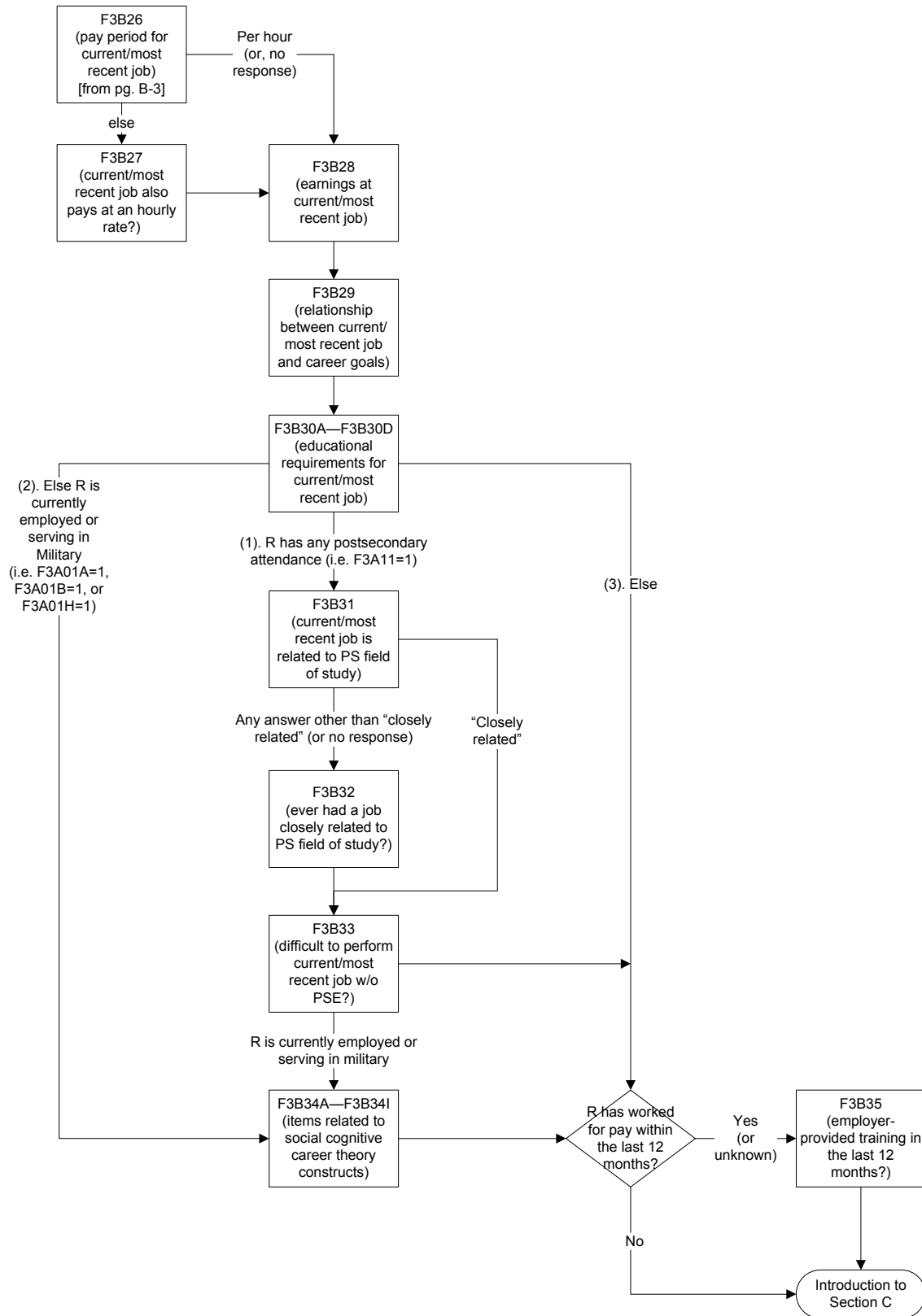
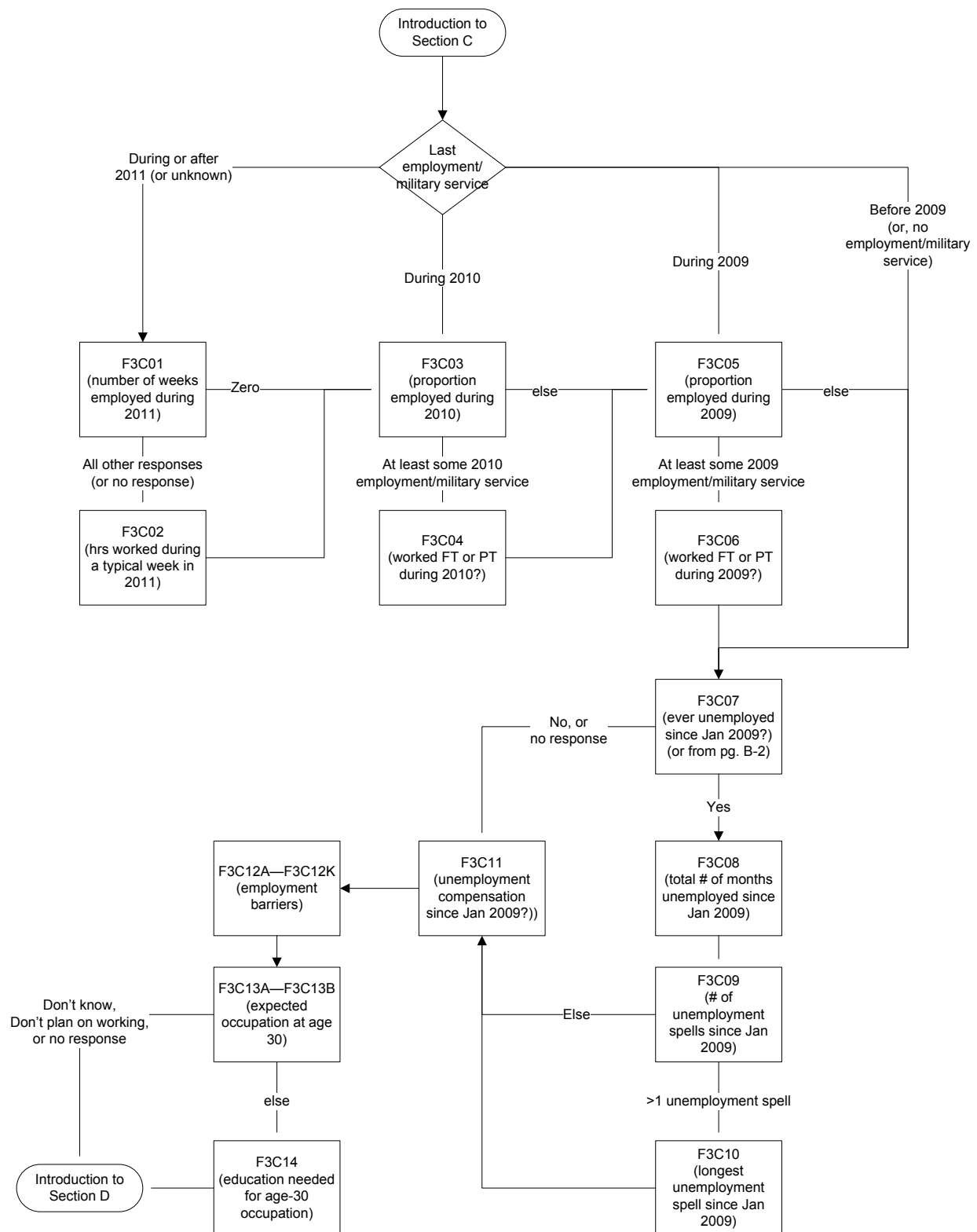


Figure D-9. Flow Chart: Section B-4



## Section C Flow Chart

Figure D-10. Flow Chart: Section C



## Section D Flow Charts

Figure D-11. Flow Chart: Section D-1

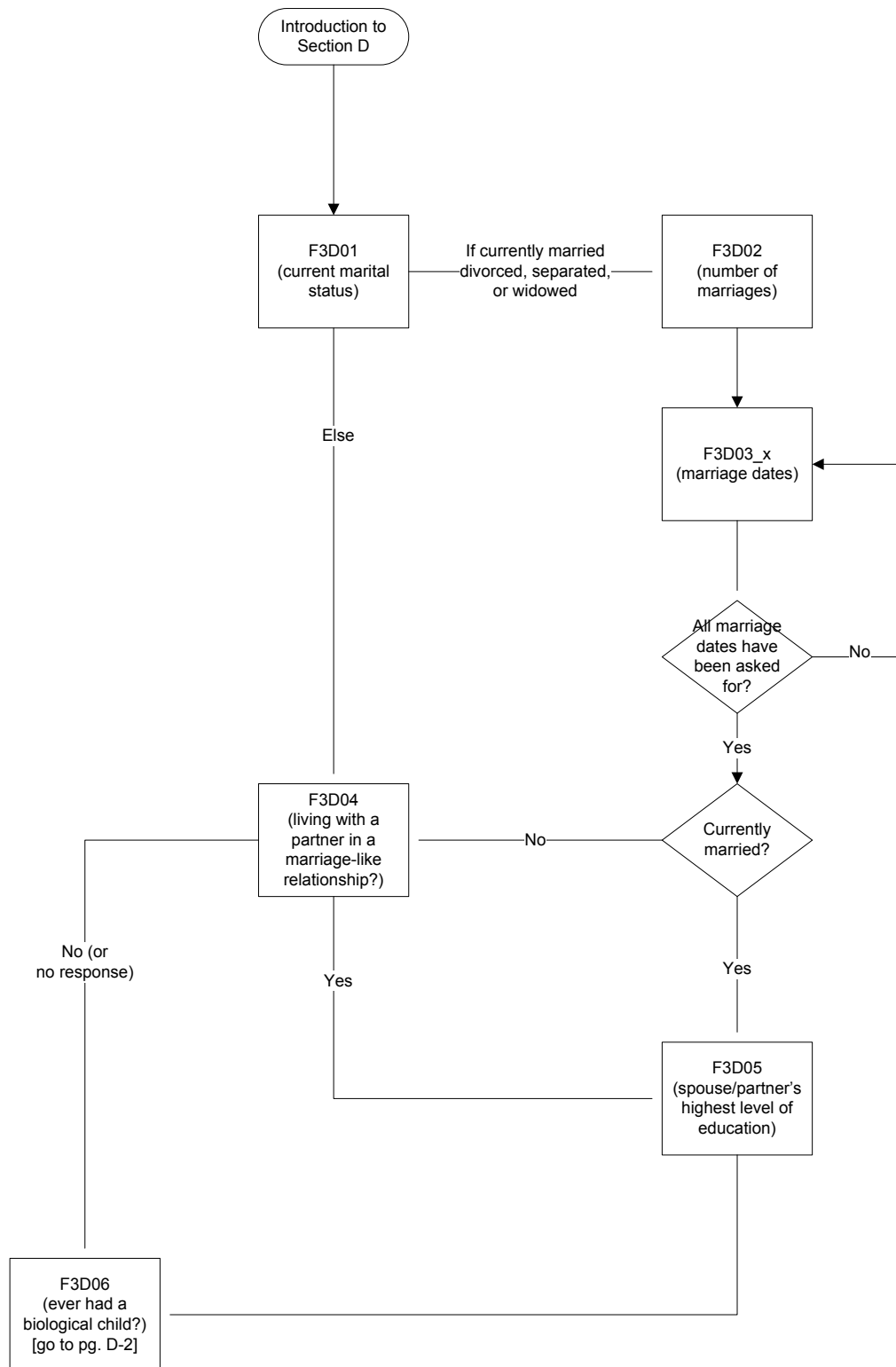
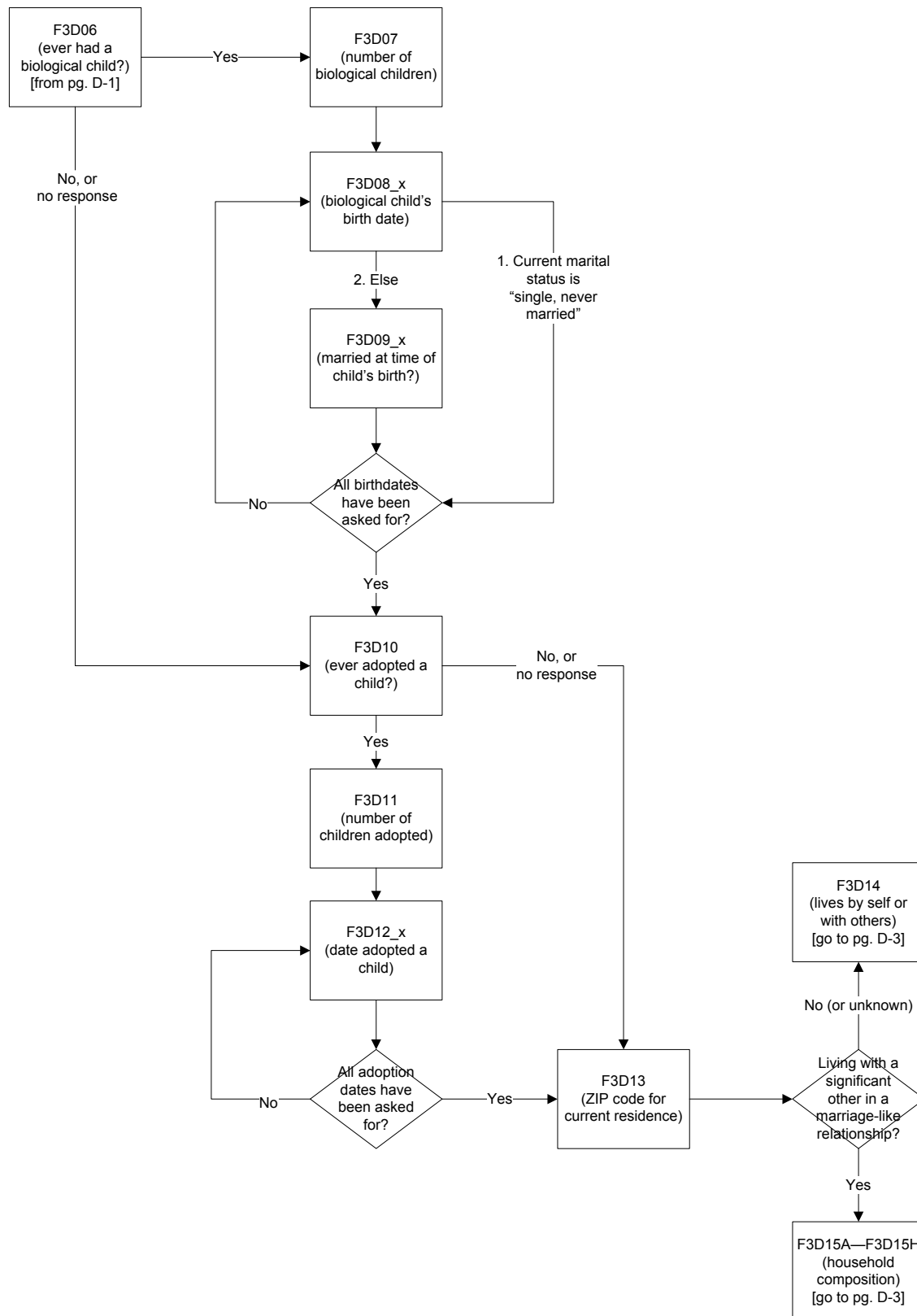
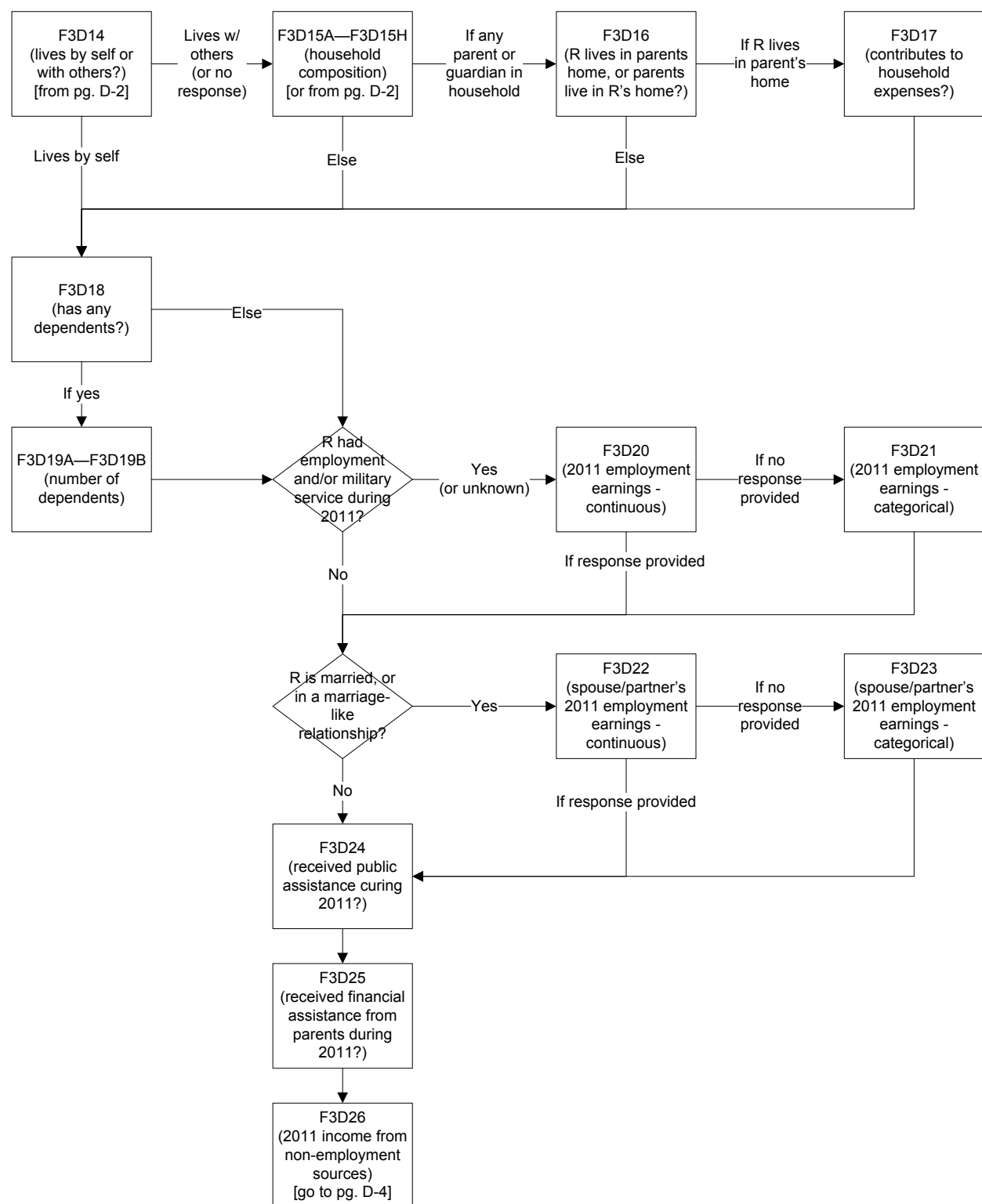


Figure D-12. Flow Chart: Section D-2



**Figure D-13. Flow Chart: Section D-3**

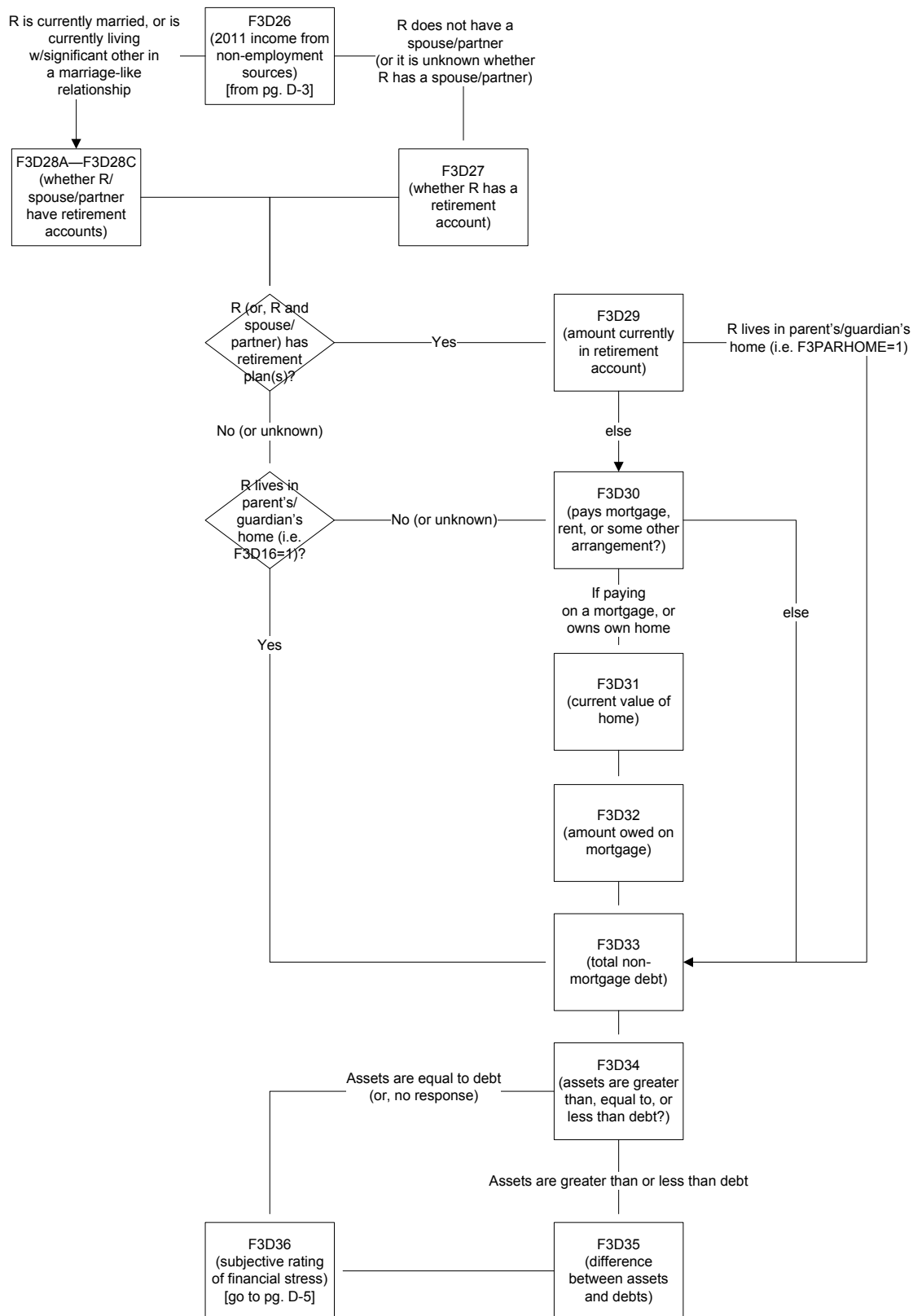
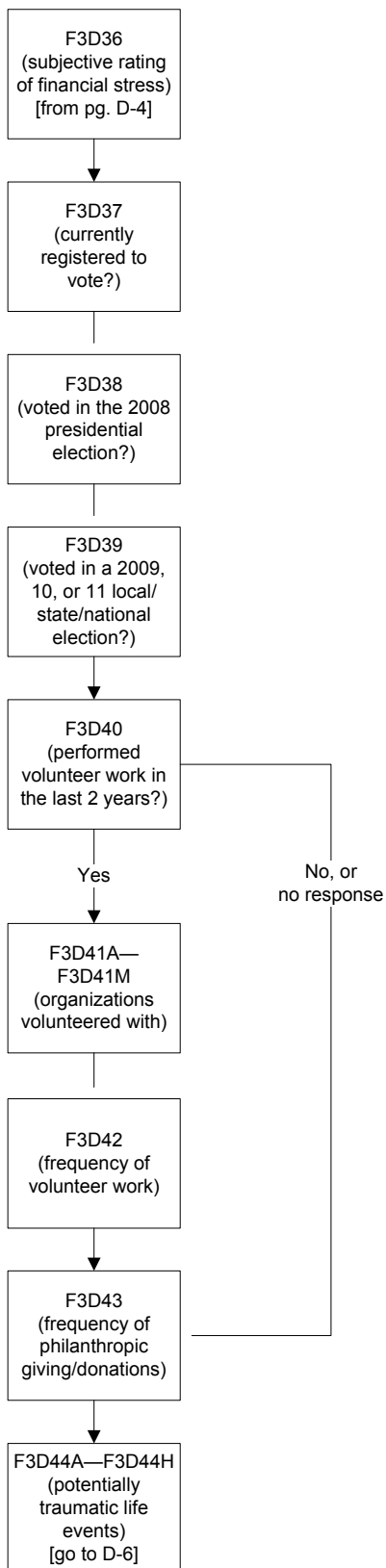
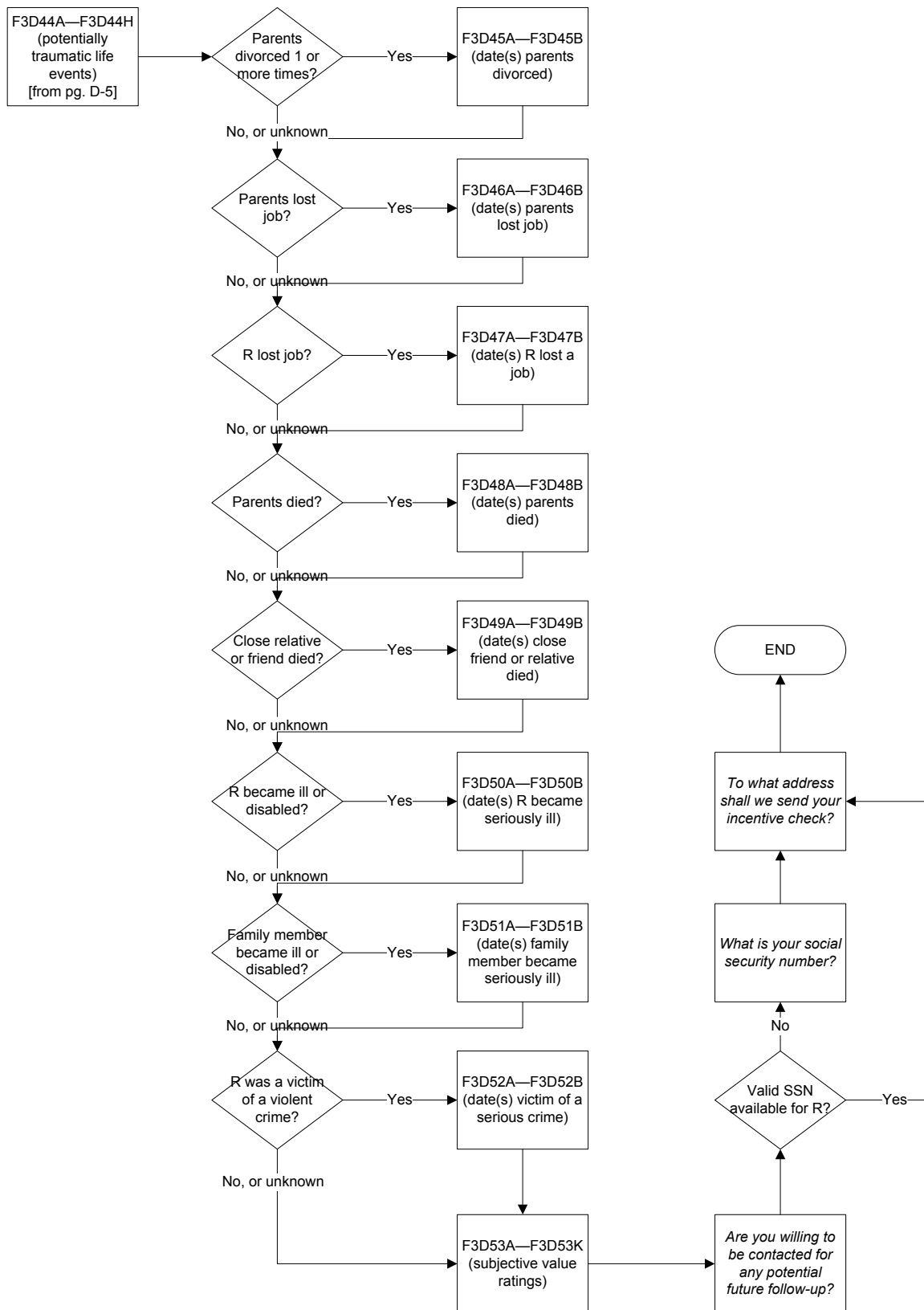
**Figure D-14. Flow Chart: Section D-4**

Figure D-15. Flow Chart: Section D-5



**Figure D-16. Flow Chart: Section D-6**

## **Appendix E. Occupational Crosswalk: O\*NET and ELS:2002 Classifications**

---

*This page left intentionally blank.*

## E.1 Overview

The coding system employed in the ELS:2002 second and third follow-up survey instruments was O\*NET. The O\*NET classification system was developed by the U.S. Department of Labor. O\*NET provides three levels of classification: general, midlevel, and specific. Twenty-three categories comprise the general level, which expands to 96 categories at midlevel and 883 specific-level categories. Specific-level categories subsequently roll up to mid- and general-level categories. However, the ELS:2002 base-year and first follow-up occupation coding reflected a different scheme, that had been used in the prior secondary longitudinal studies, and thus has special utility for purposes of intercohort comparisons of ELS:2002 high school seniors or sophomores with senior and sophomore cohorts in the earlier studies

Given that occupation was coded differently in the present interview than in the base-year and first follow-up rounds of ELS:2002, an occupational crosswalk was constructed to map the new coding scheme to the original taxonomy. The crosswalk maps all 883 specific-level O\*NET categories to the 16 occupational categories used in the base year and first follow-up. Such a crosswalk enables users to examine either set of coded data, depending on their analysis needs. The mapping between the two occupation schemes is presented in the appendix crosswalk table.

Further details regarding the general O\*NET level, the ELS:2002 scheme, and how to use the occupational crosswalk are provided below.

### E.1.1 General O\*NET Level

The general level of coding provides the foundation for further, more detailed classification within the O\*NET structure. Given the more manageable number of occupational categories, it may also be a preferred analysis level. The 23 general-level O\*NET classifications are provided below, in numerical order. For each category, the coded value is given first, followed by the category name, which is followed by select occupational examples as classified by O\*NET.

- 11 – Management (such as sales manager, education administrator, legislator)
- 13 – Business and Financial Operations (such as accountant, financial analyst, loan officer)
- 15 – Computer and Mathematical (such as computer programmer, computer support specialist, statistician)
- 17 – Architecture and Engineering (such as architect, engineer other than software, surveying technician, drafter)
- 19 – Life, Physical, and Social Science (such as biologist, psychologist, survey researcher, research assistant)
- 21 – Community and Social Services (such as social worker, marriage counselor, clergy)
- 23 – Legal (such as lawyer, judge, law clerk)

- 25 – Education, Training, and Library (such as college professor, elementary school teacher, librarian, teacher assistant)
- 27 – Arts, Design, Entertainment, Sports, and Media (such as artist, interior designer, actor, athlete, photographer, writer)
- 29 – Healthcare Practitioners and Technical (such as physician, surgeon, registered nurse, pharmacy technician)
- 31 – Healthcare Support (such as nursing aide, medical assistant)
- 33 – Protective Service (such as police officer, fire fighter, security guard)
- 35 – Food Preparation and Serving Related (such as cook, waiter, dishwasher)
- 37 – Building and Grounds Cleaning and Maintenance (such as janitor, housekeeper, landscaper)
- 39 – Personal Care and Service (such as hair stylist, child care worker, flight attendant)
- 41 – Sales and Related (such as cashier, retail salesperson, real estate agent, insurance agent)
- 43 – Office and Administrative Support (such as bank teller, receptionist, mail carrier, office clerk)
- 45 – Farming, Fishing, and Forestry (such as farm worker, trapper, logging worker)
- 47 – Construction and Extraction (such as carpet installer, electrician, construction laborer, oil drill operator)
- 49 – Installation, Maintenance, and Repair (such as auto mechanic, heating/air conditioning installer, machinery maintenance worker)
- 51 – Production (such as assembler, meat cutter, machine operator, welder)
- 53 – Transportation and Material Moving (such as pilot, truck driver, service station attendant, stocker)
- 55 – Military Specific (any occupation performed in the military)

### **E.1.2 ELS:2002 Coding Scheme**

The hierarchy of occupational categories used in the base year and first follow-up of ELS:2002 is provided below, from lowest to highest rank. For each category, the coded value is given first, followed by the category name, which is followed by occupational examples as they originally appeared on the questionnaires. Two categories are not shown below because they are unranked: these are homemaker (4) and military (7).

- 5 – Laborer (such as construction worker, car washer, sanitary worker, farm laborer)
- 8 – Operative (such as meat cutter, assembly worker, machine operator, welder, taxicab, bus or truck driver)
- 15 – Service (such as barber, beautician, practical nurse, private household worker, janitor, waiter)

- 2 – Craftsperson (such as baker, automobile mechanic, machinist, painter, plumber, telephone installer, carpenter)
- 3 – Farmer (such as farmer, farm manager)
- 12 – Protective Services (such as detective, police officer or guard, sheriff, fire fighter)
- 11 – Proprietor, Owner (such as owner of small business, contractor, restaurant owner)
- 12 – Sales (such as salesperson, advertising or insurance agent, real estate broker)
- 1 – Clerical (such as bank teller, bookkeeper, secretary, typist, mail carrier, ticket agent)
- 6 – Manager, Administrator (such as sales manager, office manager, school administrator, buyer, restaurant manager, government official)
- 16 – Technical (such as draftsman, medical or dental technician, computer programmer)
- 14 – School Teacher (such as elementary or high school teacher)
- 9 – Professional 1 (such as accountant, artist, registered nurse, engineer, librarian, writer, social worker, actor, actress, athlete, politician, but not including school teacher) (note that Professional 1 does not require an advanced degree)
- 10 – Professional 2 (such as clergyman, dentist, physician, lawyer, scientist, college professor) (note that Professional 2 requires an advanced degree)

### E.1.3 Using the Occupational Crosswalk

O\*NET codes constitute a total of six digits at the specific level, and were recorded as such in the ELS:2002 Third Follow-up instrument. The first two digits represent the nested general level code, while the first three digits represent the nested midlevel code. As mentioned, specific level codes can roll up to the broader categorizations by simply dropping the last three digits (if midlevel desired) or last four digits (if general level desired).

The O\*NET to ELS:2002 occupational crosswalk maps every level of O\*NET classification to its appropriate ELS:2002 counterpart. Each row represents a single mapped occupation, giving a total of 883 possible mappings. All O\*NET category names, or occupational descriptors, come directly from O\*NET. The crosswalk contains eight columns, which provide the following information:

- General O\*NET Code, which gives the 2-digit O\*NET code;
- General O\*NET Category, which gives the general-level O\*NET category name;
- Midlevel O\*NET Code, which gives the 3-digit O\*NET code;
- Midlevel O\*NET Category, which gives the midlevel O\*NET category name;
- Specific O\*NET Code, which gives the 6-digit O\*NET code (instrument-recorded);
- Specific O\*NET Category, which gives the specific-level O\*NET category name;
- ELS Code, which gives the mapped ELS:2002 code (1 through 16); and
- ELS Category, which gives the mapped ELS:2002 category name.

Some O\*NET categories, in particular those that encapsulate “All Other,” correspond to more than one ELS:2002 category. In these instances, the most applicable code is presented first in the ELS Code column, followed by other possible codes in parentheses. The ELS Category column, however, reflects the most applicable category name only.

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications**

| General O*NET code | General O*NET category | Midlevel O*NET code | Midlevel O*NET category                                                  | Specific O*NET code | Specific O*NET category                            | ELS Code | ELS category           |
|--------------------|------------------------|---------------------|--------------------------------------------------------------------------|---------------------|----------------------------------------------------|----------|------------------------|
| 11                 | Management Occupations | 111                 | Top Executives                                                           | 111011              | Chief Executives                                   | 6        | Manager, administrator |
| 11                 | Management Occupations | 111                 | Top Executives                                                           | 111021              | General and Operations Managers                    | 6        | Manager, administrator |
| 11                 | Management Occupations | 111                 | Top Executives                                                           | 111031              | Legislators                                        | 6        | Manager, administrator |
| 11                 | Management Occupations | 112                 | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 112011              | Advertising and Promotions Managers                | 6        | Manager, administrator |
| 11                 | Management Occupations | 112                 | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 112021              | Marketing Managers                                 | 6        | Manager, administrator |
| 11                 | Management Occupations | 112                 | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 112022              | Sales Managers                                     | 6        | Manager, administrator |
| 11                 | Management Occupations | 112                 | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 112031              | Public Relations and Fundraising Managers          | 6        | Manager, administrator |
| 11                 | Management Occupations | 112                 | Advertising, Marketing, Promotions, Public Relations, and Sales Managers | 112031              | Public Relations Managers                          | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113011              | Administrative Services Managers                   | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113021              | Computer and Information Systems Managers          | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113031              | Financial Managers                                 | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113040              | Human Resources Managers                           | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113042              | Training and Development Managers                  | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113049              | Human Resources Managers, All Other                | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113051              | Industrial Production Managers                     | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113061              | Purchasing Managers                                | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113071              | Transportation, Storage, and Distribution Managers | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113111              | Compensation and Benefits Managers                 | 6        | Manager, administrator |
| 11                 | Management Occupations | 113                 | Operations Specialties Managers                                          | 113121              | Human Resources Managers                           | 6        | Manager, administrator |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category | Midlevel O*NET code | Midlevel O*NET category         | Specific O*NET code | Specific O*NET category                                           | ELS Code | ELS category           |
|--------------------|------------------------|---------------------|---------------------------------|---------------------|-------------------------------------------------------------------|----------|------------------------|
| 11                 | Management Occupations | 113                 | Operations Specialties Managers | 113131              | Training and Development Managers                                 | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119011              | Farm, Ranch, and Other Agricultural Managers                      | 3        | Farmer, farm manager   |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119012              | Farmers and Ranchers                                              | 3        | Farmer, farm manager   |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119013              | Farmers, Ranchers, and Other Agricultural Managers                | 3        | Farmer, farm manager   |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119021              | Construction Managers                                             | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119031              | Education Administrators, Preschool and Child Care Center/Program | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119031              | Education Administrators, Preschool and Childcare Center/Program  | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119032              | Education Administrators, Elementary and Secondary School         | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119033              | Education Administrators, Postsecondary                           | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119039              | Education Administrators, All Other                               | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119041              | Architectural and Engineering Managers                            | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119041              | Engineering Managers                                              | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119051              | Food Service Managers                                             | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119061              | Funeral Directors                                                 | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119061              | Funeral Service Managers                                          | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119071              | Gaming Managers                                                   | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119081              | Lodging Managers                                                  | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119111              | Medical and Health Services Managers                              | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119121              | Natural Sciences Managers                                         | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119141              | Property, Real Estate, and Community Association Managers         | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119151              | Social and Community Service Managers                             | 6        | Manager, administrator |
| 11                 | Management Occupations | 119                 | Other Management Occupations    | 119161              | Emergency Management Directors                                    | 6        | Manager, administrator |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                           | Midlevel<br>O*NET<br>code | Midlevel O*NET category         | Specific<br>O*NET<br>code | Specific O*NET category                                                                               | ELS<br>Code | ELS category           |
|--------------------------|--------------------------------------------------|---------------------------|---------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------|-------------|------------------------|
| 11                       | Management Occupations                           | 119                       | Other Management Occupations    | 119199                    | Managers, All Other                                                                                   | 6           | Manager, administrator |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131011                    | Agents and Business<br>Managers of Artists,<br>Performers, and Athletes                               | 13          | Sales                  |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131021                    | Buyers and Purchasing<br>Agents, Farm Products                                                        | 6           | Manager, administrator |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131021                    | Purchasing Agents and<br>Buyers, Farm Products                                                        | 6           | Manager, administrator |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131022                    | Wholesale and Retail Buyers,<br>Except Farm Products                                                  | 6           | Manager, administrator |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131023                    | Purchasing Agents, Except<br>Wholesale, Retail, and<br>Farm Products                                  | 13          | Sales                  |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131031                    | Claims Adjusters, Examiners,<br>and Investigators                                                     | 1           | Clerical               |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131032                    | Insurance Appraisers, Auto<br>Damage                                                                  | 1           | Clerical               |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131041                    | Compliance Officers                                                                                   | 1           | Clerical               |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131041                    | Compliance Officers, Except<br>Agriculture, Construction,<br>Health and Safety, and<br>Transportation | 1           | Clerical               |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131051                    | Cost Estimators                                                                                       | 1           | Clerical               |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131061                    | Emergency Management<br>Specialists                                                                   | 9           | Professional A         |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131071                    | Employment, Recruitment,<br>and Placement<br>Specialists                                              | 9           | Professional A         |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131071                    | Human Resources Specialists                                                                           | 9           | Professional A         |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131072                    | Compensation, Benefits, and<br>Job Analysis Specialists                                               | 9           | Professional A         |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131073                    | Training and Development<br>Specialists                                                               | 9           | Professional A         |
| 13                       | Business and Financial Operations<br>Occupations | 131                       | Business Operations Specialists | 131075                    | Labor Relations Specialists                                                                           | 9           | Professional A         |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                        | Midlevel<br>O*NET<br>code | Midlevel O*NET category         | Specific<br>O*NET<br>code | Specific O*NET category                                               | ELS<br>Code | ELS category   |
|--------------------------|-----------------------------------------------|---------------------------|---------------------------------|---------------------------|-----------------------------------------------------------------------|-------------|----------------|
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131079                    | Human Resources, Training, and Labor Relations Specialists, All Other | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131081                    | Logisticians                                                          | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131111                    | Management Analysts                                                   | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131121                    | Meeting and Convention Planners                                       | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131121                    | Meeting, Convention, and Event Planners                               | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131131                    | Fundraisers                                                           | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131141                    | Compensation, Benefits, and Job Analysis Specialists                  | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131151                    | Training and Development Specialists                                  | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131161                    | Market Research Analysts and Marketing Specialists                    | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 131                       | Business Operations Specialists | 131199                    | Business Operations Specialists, All Other                            | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132011                    | Accountants and Auditors                                              | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132021                    | Appraisers and Assessors of Real Estate                               | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132031                    | Budget Analysts                                                       | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132041                    | Credit Analysts                                                       | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132051                    | Financial Analysts                                                    | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132052                    | Personal Financial Advisors                                           | 9           | Professional A |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132053                    | Insurance Underwriters                                                | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132061                    | Financial Examiners                                                   | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists           | 132071                    | Credit Counselors                                                     | 1           | Clerical       |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                        | Midlevel<br>O*NET<br>code | Midlevel O*NET category | Specific<br>O*NET<br>code | Specific O*NET category                          | ELS<br>Code | ELS category   |
|--------------------------|-----------------------------------------------|---------------------------|-------------------------|---------------------------|--------------------------------------------------|-------------|----------------|
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132071                    | Loan Counselors                                  | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132072                    | Loan Officers                                    | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132081                    | Tax Examiners and Collectors, and Revenue Agents | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132081                    | Tax Examiners, Collectors, and Revenue Agents    | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132082                    | Tax Preparers                                    | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132099                    | Financial Specialists, All Other                 | 1           | Clerical       |
| 13                       | Business and Financial Operations Occupations | 132                       | Financial Specialists   | 132099                    | Financial Specialists, All Other                 | 9           | Professional A |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151011                    | Computer and Information Scientists, Research    | 9           | Professional A |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151021                    | Computer Programmers                             | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151031                    | Computer Software Engineers, Applications        | 9           | Professional A |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151032                    | Computer Software Engineers, Systems Software    | 9           | Professional A |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151041                    | Computer Support Specialists                     | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151051                    | Computer Systems Analysts                        | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151071                    | Network and Computer Systems Administrators      | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151081                    | Network Systems and Data Communications Analysts | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Specialists    | 151099                    | Computer Specialists, All Other                  | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Occupations    | 151100                    | Computer Occupations                             | 16          | Technical      |
| 15                       | Computer and Mathematical Occupations         | 151                       | Computer Occupations    | 151111                    | Computer and Information Research Scientists     | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                | Midlevel O*NET code | Midlevel O*NET category          | Specific O*NET code | Specific O*NET category                     | ELS Code | ELS category   |
|--------------------|---------------------------------------|---------------------|----------------------------------|---------------------|---------------------------------------------|----------|----------------|
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151121              | Computer Systems Analysts                   | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151122              | Information Security Analysts               | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151131              | Computer Programmers                        | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151132              | Software Developers, Applications           | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151133              | Software Developers, Systems Software       | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151134              | Web Developers                              | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151141              | Database Administrators                     | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151142              | Network and Computer Systems Administrators | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151143              | Computer Network Architects                 | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151151              | Computer User Support Specialists           | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151152              | Computer Network Support Specialists        | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 151                 | Computer Occupations             | 151199              | Computer Occupations, All Other             | 16       | Technical      |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152011              | Actuaries                                   | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152021              | Mathematicians                              | 10       | Professional B |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152031              | Operations Research Analysts                | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152041              | Statisticians                               | 10       | Professional B |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152099              | Mathematical Science Occupations, All Other | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152099              | Mathematical Science Occupations, All Other | 10       | Professional B |
| 15                 | Computer and Mathematical Occupations | 152                 | Mathematical Science Occupations | 152099              | Mathematical Science Occupations, All Other | 16       | Technical      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                   | Midlevel O*NET code | Midlevel O*NET category                  | Specific O*NET code | Specific O*NET category                                                    | ELS Code | ELS category   |
|--------------------|------------------------------------------|---------------------|------------------------------------------|---------------------|----------------------------------------------------------------------------|----------|----------------|
| 15                 | Computer and Mathematical Occupations    | 152                 | Mathematical Science Occupations         | 152099              | Mathematical Scientists, All Other                                         | 9        | Professional A |
| 15                 | Computer and Mathematical Occupations    | 152                 | Mathematical Science Occupations         | 152099              | Mathematical Scientists, All Other                                         | 10       | Professional B |
| 15                 | Computer and Mathematical Occupations    | 152                 | Mathematical Science Occupations         | 152099              | Mathematical Scientists, All Other                                         | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 171                 | Architects, Surveyors, and Cartographers | 171011              | Architects, Except Landscape and Naval                                     | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 171                 | Architects, Surveyors, and Cartographers | 171012              | Landscape Architects                                                       | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 171                 | Architects, Surveyors, and Cartographers | 171021              | Cartographers and Photogrammetrists                                        | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 171                 | Architects, Surveyors, and Cartographers | 171022              | Surveyors                                                                  | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172000              | Engineers                                                                  | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172011              | Aerospace Engineers                                                        | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172021              | Agricultural Engineers                                                     | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172031              | Biomedical Engineers                                                       | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172041              | Chemical Engineers                                                         | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172051              | Civil Engineers                                                            | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172061              | Computer Hardware Engineers                                                | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172071              | Electrical Engineers                                                       | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172072              | Electronics Engineers, Except Computer                                     | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172081              | Environmental Engineers                                                    | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172111              | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                | 172112              | Industrial Engineers                                                       | 9        | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                   | Midlevel O*NET code | Midlevel O*NET category                                    | Specific O*NET code | Specific O*NET category                                            | ELS Code | ELS category   |
|--------------------|------------------------------------------|---------------------|------------------------------------------------------------|---------------------|--------------------------------------------------------------------|----------|----------------|
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172121              | Marine Engineers and Naval Architects                              | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172131              | Materials Engineers                                                | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172141              | Mechanical Engineers                                               | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172151              | Mining and Geological Engineers, Including Mining Safety Engineers | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172161              | Nuclear Engineers                                                  | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172171              | Petroleum Engineers                                                | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 172                 | Engineers                                                  | 172199              | Engineers, All Other                                               | 9        | Professional A |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173011              | Architectural and Civil Drafters                                   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173011              | Architectural and Civil Drafters                                   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173012              | Electrical and Electronics Drafters                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173012              | Electrical and Electronics Drafters                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173013              | Mechanical Drafters                                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173013              | Mechanical Drafters                                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173019              | Drafters, All Other                                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173019              | Drafters, All Other                                                | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173021              | Aerospace Engineering and Operations Technicians                   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173021              | Aerospace Engineering and Operations Technicians                   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173022              | Civil Engineering Technicians                                      | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations | 173                 | Drafters, Engineering, and Mapping Technicians             | 173022              | Civil Engineering Technicians                                      | 16       | Technical      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                         | Midlevel O*NET code | Midlevel O*NET category                                    | Specific O*NET code | Specific O*NET category                             | ELS Code | ELS category   |
|--------------------|------------------------------------------------|---------------------|------------------------------------------------------------|---------------------|-----------------------------------------------------|----------|----------------|
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173023              | Electrical and Electronics Engineering Technicians  | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173023              | Electrical and Electronic Engineering Technicians   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173024              | Electro-Mechanical Technicians                      | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173024              | Electro-Mechanical Technicians                      | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173025              | Environmental Engineering Technicians               | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173025              | Environmental Engineering Technicians               | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173026              | Industrial Engineering Technicians                  | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173026              | Industrial Engineering Technicians                  | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173027              | Mechanical Engineering Technicians                  | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173027              | Mechanical Engineering Technicians                  | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173029              | Engineering Technicians, Except Drafters, All Other | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173029              | Engineering Technicians, Except Drafters, All Other | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering Technicians, and Mapping Technicians | 173031              | Surveying and Mapping Technicians                   | 16       | Technical      |
| 17                 | Architecture and Engineering Occupations       | 173                 | Drafters, Engineering, and Mapping Technicians             | 173031              | Surveying and Mapping Technicians                   | 16       | Technical      |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                                            | 191011              | Animal Scientists                                   | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                                            | 191012              | Food Scientists and Technologists                   | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                                            | 191013              | Soil and Plant Scientists                           | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                                            | 191020              | Biological Scientists                               | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                                            | 191021              | Biochemists and Biophysicists                       | 10       | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                         | Midlevel O*NET code | Midlevel O*NET category               | Specific O*NET code | Specific O*NET category                                    | ELS Code | ELS category   |
|--------------------|------------------------------------------------|---------------------|---------------------------------------|---------------------|------------------------------------------------------------|----------|----------------|
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191022              | Microbiologists                                            | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191023              | Zoologists and Wildlife Biologists                         | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191029              | Biological Scientists, All Other                           | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191031              | Conservation Scientists                                    | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191032              | Foresters                                                  | 9        | Professional A |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191041              | Epidemiologists                                            | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191042              | Medical Scientists, Except Epidemiologists                 | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 191                 | Life Scientists                       | 191099              | Life Scientists, All Other                                 | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192011              | Astronomers                                                | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192012              | Physicists                                                 | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192021              | Atmospheric and Space Scientists                           | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192031              | Chemists                                                   | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192032              | Materials Scientists                                       | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192041              | Environmental Scientists and Specialists, Including Health | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192042              | Geoscientists, Except Hydrologists and Geographers         | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192043              | Hydrologists                                               | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 192                 | Physical Scientists                   | 192099              | Physical Scientists, All Other                             | 10       | Professional B |
| 19                 | Life, Physical, and Social Science Occupations | 193                 | Social Scientists and Related Workers | 193011              | Economists                                                 | 10       | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                         | Midlevel<br>O*NET<br>code | Midlevel O*NET category                        | Specific<br>O*NET<br>code | Specific O*NET category                          | ELS<br>Code | ELS category   |
|--------------------------|------------------------------------------------|---------------------------|------------------------------------------------|---------------------------|--------------------------------------------------|-------------|----------------|
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193021                    | Market Research Analysts                         | 9           | Professional A |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193022                    | Survey Researchers                               | 9           | Professional A |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193031                    | Clinical, Counseling, and School Psychologists   | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193032                    | Industrial-Organizational Psychologists          | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193039                    | Psychologists, All Other                         | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193041                    | Sociologists                                     | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193051                    | Urban and Regional Planners                      | 9           | Professional A |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193091                    | Anthropologists and Archeologists                | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193092                    | Geographers                                      | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193093                    | Historians                                       | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193094                    | Political Scientists                             | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193099                    | Social Scientists and Related Workers, All Other | 9           | Professional A |
| 19                       | Life, Physical, and Social Science Occupations | 193                       | Social Scientists and Related Workers          | 193099                    | Social Scientists and Related Workers, All Other | 10          | Professional B |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194011                    | Agricultural and Food Science Technicians        | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194021                    | Biological Technicians                           | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194031                    | Chemical Technicians                             | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194041                    | Geological and Petroleum Technicians             | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194051                    | Nuclear Technicians                              | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians | 194061                    | Social Science Research Assistants               | 16          | Technical      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                         | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                        | Specific<br>O*NET<br>code | Specific O*NET category                                            | ELS<br>Code | ELS category   |
|--------------------------|------------------------------------------------|---------------------------|--------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------|-------------|----------------|
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians                                 | 194091                    | Environmental Science and Protection Technicians, Including Health | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians                                 | 194092                    | Forensic Science Technicians                                       | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians                                 | 194093                    | Forest and Conservation Technicians                                | 16          | Technical      |
| 19                       | Life, Physical, and Social Science Occupations | 194                       | Life, Physical, and Social Science Technicians                                 | 194099                    | Life, Physical, and Social Science Technicians, All Other          | 16          | Technical      |
| 21                       | Community and Social Service Occupations       | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211011                    | Substance Abuse and Behavioral Disorder Counselors                 | 9           | Professional A |
| 21                       | Community and Social Services Occupations      | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211011                    | Substance Abuse and Behavioral Disorder Counselors                 | 9           | Professional A |
| 21                       | Community and Social Service Occupations       | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211012                    | Educational, Guidance, School, and Vocational Counselors           | 9           | Professional A |
| 21                       | Community and Social Services Occupations      | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211012                    | Educational, Vocational, and School Counselors                     | 9           | Professional A |
| 21                       | Community and Social Service Occupations       | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211013                    | Marriage and Family Therapists                                     | 9           | Professional A |
| 21                       | Community and Social Services Occupations      | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211013                    | Marriage and Family Therapists                                     | 9           | Professional A |
| 21                       | Community and Social Service Occupations       | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211014                    | Mental Health Counselors                                           | 9           | Professional A |
| 21                       | Community and Social Services Occupations      | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211014                    | Mental Health Counselors                                           | 9           | Professional A |
| 21                       | Community and Social Service Occupations       | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211015                    | Rehabilitation Counselors                                          | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                    | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                        | Specific<br>O*NET<br>code | Specific O*NET category                          | ELS<br>Code | ELS category   |
|--------------------------|-------------------------------------------|---------------------------|--------------------------------------------------------------------------------|---------------------------|--------------------------------------------------|-------------|----------------|
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211015                    | Rehabilitation Counselors                        | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211019                    | Counselors, All Other                            | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211019                    | Counselors, All Other                            | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211021                    | Child, Family, and School Social Workers         | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211021                    | Child, Family, and School Social Workers         | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211022                    | Healthcare Social Workers                        | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211022                    | Medical and Public Health Social Workers         | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211023                    | Mental Health and Substance Abuse Social Workers | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211023                    | Mental Health and Substance Abuse Social Workers | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211029                    | Social Workers, All Other                        | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211029                    | Social Workers, All Other                        | 9           | Professional A |
| 21                       | Community and Social Service Occupations  | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211091                    | Health Educators                                 | 9           | Professional A |
| 21                       | Community and Social Services Occupations | 211                       | Counselors, Social Workers, and Other Community and Social Service Specialists | 211091                    | Health Educators                                 | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                    | Midlevel O*NET code | Midlevel O*NET category                                                        | Specific O*NET code | Specific O*NET category                                   | ELS Code | ELS category   |
|--------------------|-------------------------------------------|---------------------|--------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------|----------|----------------|
| 21                 | Community and Social Service Occupations  | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211092              | Probation Officers and Correctional Treatment Specialists | 9        | Professional A |
| 21                 | Community and Social Services Occupations | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211092              | Probation Officers and Correctional Treatment Specialists | 9        | Professional A |
| 21                 | Community and Social Service Occupations  | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211093              | Social and Human Service Assistants                       | 15       | Service        |
| 21                 | Community and Social Services Occupations | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211093              | Social and Human Service Assistants                       | 15       | Service        |
| 21                 | Community and Social Service Occupations  | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211094              | Community Health Workers                                  | 9        | Professional A |
| 21                 | Community and Social Service Occupations  | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211099              | Community and Social Service Specialists, All Other       | 9        | Professional A |
| 21                 | Community and Social Service Occupations  | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211099              | Community and Social Service Specialists, All Other       | 15       | Service        |
| 21                 | Community and Social Services Occupations | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211099              | Community and Social Service Specialists, All Other       | 9        | Professional A |
| 21                 | Community and Social Services Occupations | 211                 | Counselors, Social Workers, and Other Community and Social Service Specialists | 211099              | Community and Social Service Specialists, All Other       | 15       | Service        |
| 21                 | Community and Social Service Occupations  | 212                 | Religious Workers                                                              | 212011              | Clergy                                                    | 10       | Professional B |
| 21                 | Community and Social Services Occupations | 212                 | Religious Workers                                                              | 212011              | Clergy                                                    | 10       | Professional B |
| 21                 | Community and Social Service Occupations  | 212                 | Religious Workers                                                              | 212021              | Directors, Religious Activities and Education             | 10       | Professional B |
| 21                 | Community and Social Services Occupations | 212                 | Religious Workers                                                              | 212021              | Directors, Religious Activities and Education             | 10       | Professional B |
| 21                 | Community and Social Service Occupations  | 212                 | Religious Workers                                                              | 212099              | Religious Workers, All Other                              | 10       | Professional B |
| 21                 | Community and Social Services Occupations | 212                 | Religious Workers                                                              | 212099              | Religious Workers, All Other                              | 10       | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                       | Midlevel<br>O*NET<br>code | Midlevel O*NET category              | Specific<br>O*NET<br>code | Specific O*NET category                                       | ELS<br>Code | ELS category   |
|--------------------------|----------------------------------------------|---------------------------|--------------------------------------|---------------------------|---------------------------------------------------------------|-------------|----------------|
| 23                       | Legal Occupations                            | 231                       | Lawyers, Judges, and Related Workers | 231011                    | Lawyers                                                       | 10          | Professional B |
| 23                       | Legal Occupations                            | 231                       | Lawyers, Judges, and Related Workers | 231012                    | Judicial Law Clerks                                           | 10          | Professional B |
| 23                       | Legal Occupations                            | 231                       | Lawyers, Judges, and Related Workers | 231021                    | Administrative Law Judges, Adjudicators, and Hearing Officers | 9           | Professional A |
| 23                       | Legal Occupations                            | 231                       | Lawyers, Judges, and Related Workers | 231022                    | Arbitrators, Mediators, and Conciliators                      | 9           | Professional A |
| 23                       | Legal Occupations                            | 231                       | Lawyers, Judges, and Related Workers | 231023                    | Judges, Magistrate Judges, and Magistrates                    | 10          | Professional B |
| 23                       | Legal Occupations                            | 232                       | Legal Support Workers                | 232011                    | Paralegals and Legal Assistants                               | 9           | Professional A |
| 23                       | Legal Occupations                            | 232                       | Legal Support Workers                | 232091                    | Court Reporters                                               | 9           | Professional A |
| 23                       | Legal Occupations                            | 232                       | Legal Support Workers                | 232092                    | Law Clerks                                                    | 1           | Clerical       |
| 23                       | Legal Occupations                            | 232                       | Legal Support Workers                | 232093                    | Title Examiners, Abstractors, and Searchers                   | 1           | Clerical       |
| 23                       | Legal Occupations                            | 232                       | Legal Support Workers                | 232099                    | Legal Support Workers, All Other                              | 1           | Clerical       |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251011                    | Business Faculty, Postsecondary Professor                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251011                    | Business Teachers, Postsecondary                              | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251021                    | Computer Science Faculty, Postsecondary Professor             | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251021                    | Computer Science Teachers, Postsecondary                      | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251022                    | Mathematical Science Faculty, Postsecondary Professor         | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251022                    | Mathematical Science Teachers, Postsecondary                  | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251031                    | Architecture Faculty, Postsecondary Professor                 | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251031                    | Architecture Teachers, Postsecondary                          | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251032                    | Engineering Faculty, Postsecondary Professor                  | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers               | 251032                    | Engineering Teachers, Postsecondary                           | 10          | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                       | Midlevel O*NET code | Midlevel O*NET category | Specific O*NET code | Specific O*NET category                                                         | ELS Code | ELS category   |
|--------------------|----------------------------------------------|---------------------|-------------------------|---------------------|---------------------------------------------------------------------------------|----------|----------------|
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251041              | Agricultural Sciences Faculty, Postsecondary Professor                          | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251041              | Agricultural Sciences Teachers, Postsecondary                                   | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251042              | Biological Science Faculty, Postsecondary Professor                             | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251042              | Biological Science Teachers, Postsecondary                                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251051              | Atmospheric, Earth, Marine, and Space Sciences Faculty, Postsecondary Professor | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251051              | Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary          | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251052              | Chemistry Faculty, Postsecondary Professor                                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251052              | Chemistry Teachers, Postsecondary                                               | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251053              | Environmental Science Faculty, Postsecondary Professor                          | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251053              | Environmental Science Teachers, Postsecondary                                   | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251054              | Physics Faculty, Postsecondary Professor                                        | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251054              | Physics Teachers, Postsecondary                                                 | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251061              | Anthropology and Archeology Faculty, Postsecondary Professor                    | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251061              | Anthropology and Archeology Teachers, Postsecondary                             | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251062              | Area, Ethnic, and Cultural Studies Faculty, Postsecondary Professor             | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251062              | Area, Ethnic, and Cultural Studies Teachers, Postsecondary                      | 10       | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                       | Midlevel<br>O*NET<br>code | Midlevel O*NET category | Specific<br>O*NET<br>code | Specific O*NET category                                           | ELS<br>Code | ELS category   |
|--------------------------|----------------------------------------------|---------------------------|-------------------------|---------------------------|-------------------------------------------------------------------|-------------|----------------|
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251063                    | Economics Faculty,<br>Postsecondary Professor                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251063                    | Economics Teachers,<br>Postsecondary                              | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251064                    | Geography Faculty,<br>Postsecondary Professor                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251064                    | Geography Teachers,<br>Postsecondary                              | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251065                    | Political Science Faculty,<br>Postsecondary Professor             | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251065                    | Political Science Teachers,<br>Postsecondary                      | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251066                    | Psychology Faculty,<br>Postsecondary Professor                    | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251066                    | Psychology Teachers,<br>Postsecondary                             | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251067                    | Sociology Faculty,<br>Postsecondary Professor                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251067                    | Sociology Teachers,<br>Postsecondary                              | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251069                    | Social Sciences Faculty,<br>Postsecondary Professor,<br>All Other | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251069                    | Social Sciences Teachers,<br>Postsecondary, All Other             | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251071                    | Health Specialties Faculty,<br>Postsecondary Professor            | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251071                    | Health Specialties Teachers,<br>Postsecondary                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251072                    | Nursing Instructors and<br>Faculty, Postsecondary<br>Professor    | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251072                    | Nursing Instructors and<br>Teachers, Postsecondary                | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251081                    | Education Faculty,<br>Postsecondary Professor                     | 10          | Professional B |
| 25                       | Education, Training, and Library Occupations | 251                       | Postsecondary Teachers  | 251081                    | Education Teachers,<br>Postsecondary                              | 10          | Professional B |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category                       | Midlevel O*NET code | Midlevel O*NET category | Specific O*NET code | Specific O*NET category                                               | ELS Code | ELS category   |
|--------------------|----------------------------------------------|---------------------|-------------------------|---------------------|-----------------------------------------------------------------------|----------|----------------|
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251082              | Library Science Faculty, Postsecondary Professor                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251082              | Library Science Teachers, Postsecondary                               | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251111              | Criminal Justice and Law Enforcement Faculty, Postsecondary Professor | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251111              | Criminal Justice and Law Enforcement Teachers, Postsecondary          | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251112              | Law Faculty, Postsecondary Professor                                  | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251112              | Law Teachers, Postsecondary                                           | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251113              | Social Work Faculty, Postsecondary Professor                          | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251113              | Social Work Teachers, Postsecondary                                   | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251121              | Art, Drama, and Music Faculty, Postsecondary Professor                | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251121              | Art, Drama, and Music Teachers, Postsecondary                         | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251122              | Communications Faculty, Postsecondary Professor                       | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251122              | Communications Teachers, Postsecondary                                | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251123              | English Language and Literature Faculty, Postsecondary Professor      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251123              | English Language and Literature Teachers, Postsecondary               | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251124              | Foreign Language and Literature Faculty, Postsecondary Professor      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers  | 251124              | Foreign Language and Literature Teachers, Postsecondary               | 10       | Professional B |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                       | Midlevel O*NET code | Midlevel O*NET category                                              | Specific O*NET code | Specific O*NET category                                              | ELS Code | ELS category   |
|--------------------|----------------------------------------------|---------------------|----------------------------------------------------------------------|---------------------|----------------------------------------------------------------------|----------|----------------|
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251125              | History Faculty, Postsecondary Professor                             | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251125              | History Teachers, Postsecondary                                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251126              | Philosophy and Religion Faculty, Postsecondary Professor             | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251126              | Philosophy and Religion Teachers, Postsecondary                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251191              | Graduate Teaching Assistants                                         | 15       | Service        |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251192              | Home Economics Faculty, Postsecondary Professor                      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251192              | Home Economics Teachers, Postsecondary                               | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251193              | Recreation and Fitness Studies Faculty, Postsecondary Professor      | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251193              | Recreation and Fitness Studies Teachers, Postsecondary               | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251194              | Vocational Education Faculty, Postsecondary Professor                | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251194              | Vocational Education Teachers, Postsecondary                         | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 251                 | Postsecondary Teachers                                               | 251199              | Postsecondary Teachers, All Other                                    | 10       | Professional B |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252000              | Preschool, Primary, Secondary, and Special Education School Teachers | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252011              | Preschool Teachers, Except Special Education                         | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252011              | Preschool Teachers, Except Special Education                         | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252012              | Kindergarten Teachers, Except Special Education                      | 14       | School teacher |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                       | Midlevel O*NET code | Midlevel O*NET category                                              | Specific O*NET code | Specific O*NET category                                                    | ELS Code | ELS category   |
|--------------------|----------------------------------------------|---------------------|----------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------|----------|----------------|
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252012              | Kindergarten Teachers, Except Special Education                            | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252021              | Elementary School Teachers, Except Special Education                       | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252021              | Elementary School Teachers, Except Special Education                       | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252022              | Middle School Teachers, Except Special and Career/Technical Education      | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252022              | Middle School Teachers, Except Special and Vocational Education            | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252023              | Career/Technical Education Teachers, Middle School                         | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252023              | Vocational Education Teachers, Middle School                               | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252031              | Secondary School Teachers, Except Special and Vocational Education         | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252031              | Secondary School Teachers, Except Special and Vocational Education         | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252032              | Career/Technical Education Teachers, Secondary School                      | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252032              | Vocational Education Teachers, Secondary School                            | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252041              | Special Education Teachers, Preschool, Kindergarten, and Elementary School | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252042              | Special Education Teachers, Middle School                                  | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Primary, Secondary, and Special Education School Teachers            | 252043              | Special Education Teachers, Secondary School                               | 14       | School teacher |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                       | Midlevel O*NET code | Midlevel O*NET category                                              | Specific O*NET code | Specific O*NET category                                                   | ELS Code | ELS category   |
|--------------------|----------------------------------------------|---------------------|----------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|----------|----------------|
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252051              | Special Education Teachers, Preschool                                     | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252052              | Special Education Teachers, Kindergarten and Elementary School            | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252053              | Special Education Teachers, Middle School                                 | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252054              | Special Education Teachers, Secondary School                              | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 252                 | Preschool, Primary, Secondary, and Special Education School Teachers | 252059              | Special Education Teachers, All Other                                     | 14       | School teacher |
| 25                 | Education, Training, and Library Occupations | 253                 | Other Teachers and Instructors                                       | 253011              | Adult Basic and Secondary Education and Literacy Teachers and Instructors | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 253                 | Other Teachers and Instructors                                       | 253011              | Adult Literacy, Remedial Education, and GED Teachers and Instructors      | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 253                 | Other Teachers and Instructors                                       | 253021              | Self-Enrichment Education Teachers                                        | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 253                 | Other Teachers and Instructors                                       | 253099              | Teachers and Instructors, All Other                                       | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 254                 | Librarians, Curators, and Archivists                                 | 254011              | Archivists                                                                | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 254                 | Librarians, Curators, and Archivists                                 | 254012              | Curators                                                                  | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 254                 | Librarians, Curators, and Archivists                                 | 254013              | Museum Technicians and Conservators                                       | 16       | Technical      |
| 25                 | Education, Training, and Library Occupations | 254                 | Librarians, Curators, and Archivists                                 | 254021              | Librarians                                                                | 9        | Professional A |
| 25                 | Education, Training, and Library Occupations | 254                 | Librarians, Curators, and Archivists                                 | 254031              | Library Technicians                                                       | 16       | Technical      |
| 25                 | Education, Training, and Library Occupations | 259                 | Other Education, Training, and Library Occupations                   | 259011              | Audio-Visual and Multimedia Collections Specialists                       | 16       | Technical      |
| 25                 | Education, Training, and Library Occupations | 259                 | Other Education, Training, and Library Occupations                   | 259011              | Audio-Visual Collections Specialists                                      | 16       | Technical      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                                     | Midlevel O*NET code | Midlevel O*NET category                            | Specific O*NET code | Specific O*NET category                                       | ELS Code | ELS category           |
|--------------------|------------------------------------------------------------|---------------------|----------------------------------------------------|---------------------|---------------------------------------------------------------|----------|------------------------|
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259021              | Farm and Home Management Advisors                             | 9        | Professional A         |
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259031              | Instructional Coordinators                                    | 9        | Professional A         |
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259041              | Teacher Assistants                                            | 15       | Service                |
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259099              | Education, Training, and Library Workers, All Other           | 9        | Professional A         |
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259099              | Education, Training, and Library Workers, All Other           | 15       | Service                |
| 25                 | Education, Training, and Library Occupations               | 259                 | Other Education, Training, and Library Occupations | 259099              | Education, Training, and Library Workers, All Other           | 16       | Technical              |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271011              | Art Directors                                                 | 6        | Manager, administrator |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271012              | Craft Artists                                                 | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271013              | Fine Artists, Including Painters, Sculptors, and Illustrators | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271014              | Multimedia Artists and Animators                              | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271014              | Multi-Media Artists and Animators                             | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271019              | Artists and Related Workers, All Other                        | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271021              | Commercial and Industrial Designers                           | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271022              | Fashion Designers                                             | 9        | Professional A         |
| 27                 | Arts, Design, Entertainment, Sports, and Media Occupations | 271                 | Art and Design Workers                             | 271023              | Floral Designers                                              | 9        | Professional A         |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                           | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                    | Specific<br>O*NET<br>code | Specific O*NET category                          | ELS<br>Code | ELS category           |
|--------------------------|------------------------------------------------------------------|---------------------------|------------------------------------------------------------|---------------------------|--------------------------------------------------|-------------|------------------------|
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271024                    | Graphic Designers                                | 16          | Technical              |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271025                    | Interior Designers                               | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271026                    | Merchandise Displayers and<br>Window Trimmers    | 15          | Service                |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271027                    | Set and Exhibit Designers                        | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271029                    | Designers, All Other                             | 6           | Manager, administrator |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271029                    | Designers, All Other                             | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271029                    | Designers, All Other                             | 15          | Service                |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 271                       | Art and Design Workers                                     | 271029                    | Designers, All Other                             | 16          | Technical              |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272011                    | Actors                                           | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272012                    | Producers and Directors                          | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272021                    | Athletes and Sports<br>Competitors               | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272022                    | Coaches and Scouts                               | 9           | Professional A         |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272023                    | Umpires, Referees, and Other<br>Sports Officials | 15          | Service                |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                           | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                    | Specific<br>O*NET<br>code | Specific O*NET category                                                  | ELS<br>Code | ELS category   |
|--------------------------|------------------------------------------------------------------|---------------------------|------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------|-------------|----------------|
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272031                    | Dancers                                                                  | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272032                    | Choreographers                                                           | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272041                    | Music Directors and<br>Composers                                         | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272042                    | Musicians and Singers                                                    | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272099                    | Entertainers and Performers,<br>Sports and Related<br>Workers, All Other | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 272                       | Entertainers and Performers, Sports<br>and Related Workers | 272099                    | Entertainers and Performers,<br>Sports and Related<br>Workers, All Other | 15          | Service        |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273011                    | Radio and Television<br>Announcers                                       | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273012                    | Public Address System and<br>Other Announcers                            | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273021                    | Broadcast News Analysts                                                  | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273022                    | Reporters and<br>Correspondents                                          | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273031                    | Public Relations Specialists                                             | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273041                    | Editors                                                                  | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                            | 273042                    | Technical Writers                                                        | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                           | Midlevel<br>O*NET<br>code | Midlevel O*NET category                         | Specific<br>O*NET<br>code | Specific O*NET category                                       | ELS<br>Code | ELS category   |
|--------------------------|------------------------------------------------------------------|---------------------------|-------------------------------------------------|---------------------------|---------------------------------------------------------------|-------------|----------------|
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                 | 273043                    | Writers and Authors                                           | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                 | 273091                    | Interpreters and Translators                                  | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 273                       | Media and Communication Workers                 | 273099                    | Media and Communication<br>Workers, All Other                 | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274011                    | Audio and Video Equipment<br>Technicians                      | 16          | Technical      |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274012                    | Broadcast Technicians                                         | 16          | Technical      |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274013                    | Radio Operators                                               | 16          | Technical      |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274014                    | Sound Engineering<br>Technicians                              | 16          | Technical      |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274021                    | Photographers                                                 | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274031                    | Camera Operators,<br>Television, Video, and<br>Motion Picture | 16          | Technical      |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274032                    | Film and Video Editors                                        | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274099                    | Media and Communication<br>Equipment Workers, All<br>Other    | 9           | Professional A |
| 27                       | Arts, Design, Entertainment,<br>Sports, and Media<br>Occupations | 274                       | Media and Communication<br>Equipment Workers    | 274099                    | Media and Communication<br>Equipment Workers, All<br>Other    | 16          | Technical      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations            | 291                       | Health Diagnosing and Treating<br>Practitioners | 291011                    | Chiropractors                                                 | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                | Midlevel<br>O*NET<br>code | Midlevel O*NET category                         | Specific<br>O*NET<br>code | Specific O*NET category               | ELS<br>Code | ELS category   |
|--------------------------|-------------------------------------------------------|---------------------------|-------------------------------------------------|---------------------------|---------------------------------------|-------------|----------------|
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291021                    | Dentists, General                     | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291022                    | Oral and Maxillofacial<br>Surgeons    | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291023                    | Orthodontists                         | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291029                    | Dentists, All Other Specialists       | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291031                    | Dietitians and Nutritionists          | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291041                    | Optometrists                          | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291051                    | Pharmacists                           | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291061                    | Anesthesiologists                     | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291062                    | Family and General<br>Practitioners   | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291063                    | Internists, General                   | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291064                    | Obstetricians and<br>Gynecologists    | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291065                    | Pediatricians, General                | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291066                    | Psychiatrists                         | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291067                    | Surgeons                              | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291069                    | Physicians and Surgeons, All<br>Other | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291071                    | Physician Assistants                  | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291081                    | Podiatrists                           | 10          | Professional B |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291111                    | Registered Nurses                     | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 291                       | Health Diagnosing and Treating<br>Practitioners | 291120                    | Therapists                            | 9           | Professional A |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                             | Midlevel O*NET code | Midlevel O*NET category                      | Specific O*NET code | Specific O*NET category                                 | ELS Code | ELS category   |
|--------------------|----------------------------------------------------|---------------------|----------------------------------------------|---------------------|---------------------------------------------------------|----------|----------------|
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291122              | Occupational Therapists                                 | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291123              | Physical Therapists                                     | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291124              | Radiation Therapists                                    | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291125              | Recreational Therapists                                 | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291126              | Respiratory Therapists                                  | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291127              | Speech-Language Pathologists                            | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291128              | Exercise Physiologists                                  | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291129              | Therapists, All Other                                   | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291131              | Veterinarians                                           | 10       | Professional B |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291141              | Registered Nurses                                       | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291151              | Nurse Anesthetists                                      | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291161              | Nurse Midwives                                          | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291171              | Nurse Practitioners                                     | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291181              | Audiologists                                            | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291199              | Health Diagnosing and Treating Practitioners, All Other | 9        | Professional A |
| 29                 | Healthcare Practitioners and Technical Occupations | 291                 | Health Diagnosing and Treating Practitioners | 291199              | Health Diagnosing and Treating Practitioners, All Other | 10       | Professional B |
| 29                 | Healthcare Practitioners and Technical Occupations | 292                 | Health Technologists and Technicians         | 292011              | Medical and Clinical Laboratory Technologists           | 16       | Technical      |
| 29                 | Healthcare Practitioners and Technical Occupations | 292                 | Health Technologists and Technicians         | 292012              | Medical and Clinical Laboratory Technicians             | 16       | Technical      |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General<br>O*NET<br>code | General O*NET category                                | Midlevel<br>O*NET<br>code | Midlevel O*NET category                 | Specific<br>O*NET<br>code | Specific O*NET category                                 | ELS<br>Code | ELS category |
|--------------------------|-------------------------------------------------------|---------------------------|-----------------------------------------|---------------------------|---------------------------------------------------------|-------------|--------------|
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292021                    | Dental Hygienists                                       | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292031                    | Cardiovascular Technologists<br>and Technicians         | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292032                    | Diagnostic Medical<br>Sonographers                      | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292033                    | Nuclear Medicine<br>Technologists                       | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292034                    | Radiologic Technologists                                | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292034                    | Radiologic Technologists and<br>Technicians             | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292035                    | Magnetic Resonance Imaging<br>Technologists             | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292041                    | Emergency Medical<br>Technicians and<br>Paramedics      | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292051                    | Dietetic Technicians                                    | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292052                    | Pharmacy Technicians                                    | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292053                    | Psychiatric Technicians                                 | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292054                    | Respiratory Therapy<br>Technicians                      | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292055                    | Surgical Technologists                                  | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292056                    | Veterinary Technologists and<br>Technicians             | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292057                    | Ophthalmic Medical<br>Technicians                       | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292061                    | Licensed Practical and<br>Licensed Vocational<br>Nurses | 15          | Service      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292071                    | Medical Records and Health<br>Information Technicians   | 16          | Technical    |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians | 292081                    | Opticians, Dispensing                                   | 16          | Technical    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                             | Specific<br>O*NET<br>code | Specific O*NET category                                         | ELS<br>Code | ELS category   |
|--------------------------|-------------------------------------------------------|---------------------------|---------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------|-------------|----------------|
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians                             | 292091                    | Orthotists and Prosthetists                                     | 16          | Technical      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians                             | 292092                    | Hearing Aid Specialists                                         | 16          | Technical      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 292                       | Health Technologists and<br>Technicians                             | 292099                    | Health Technologists and<br>Technicians, All Other              | 16          | Technical      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299011                    | Occupational Health and<br>Safety Specialists                   | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299012                    | Occupational Health and<br>Safety Technicians                   | 16          | Technical      |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299091                    | Athletic Trainers                                               | 15          | Service        |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299092                    | Genetic Counselors                                              | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299099                    | Healthcare Practitioners and<br>Technical Workers, All<br>Other | 9           | Professional A |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299099                    | Healthcare Practitioners and<br>Technical Workers, All<br>Other | 15          | Service        |
| 29                       | Healthcare Practitioners and<br>Technical Occupations | 299                       | Other Healthcare Practitioners and<br>Technical Occupations         | 299099                    | Healthcare Practitioners and<br>Technical Workers, All<br>Other | 16          | Technical      |
| 31                       | Healthcare Support Occupations                        | 311                       | Nursing, Psychiatric, and Home<br>Health Aides                      | 311011                    | Home Health Aides                                               | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 311                       | Nursing, Psychiatric, and Home<br>Health Aides                      | 311012                    | Nursing Aides, Orderlies, and<br>Attendants                     | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 311                       | Nursing, Psychiatric, and Home<br>Health Aides                      | 311013                    | Psychiatric Aides                                               | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 311                       | Nursing, Psychiatric, and Home<br>Health Aides                      | 311014                    | Nursing Assistants                                              | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 311                       | Nursing, Psychiatric, and Home<br>Health Aides                      | 311015                    | Orderlies                                                       | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 312                       | Occupational and Physical Therapist<br>Assistants and Aides         | 312011                    | Occupational Therapist<br>Assistants                            | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 312                       | Occupational Therapy and Physical<br>Therapist Assistants and Aides | 312011                    | Occupational Therapy<br>Assistants                              | 15          | Service        |
| 31                       | Healthcare Support Occupations                        | 312                       | Occupational and Physical Therapist<br>Assistants and Aides         | 312012                    | Occupational Therapist Aides                                    | 15          | Service        |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category         | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                          | Specific<br>O*NET<br>code | Specific O*NET category                                  | ELS<br>Code | ELS category           |
|--------------------------|--------------------------------|---------------------------|------------------------------------------------------------------|---------------------------|----------------------------------------------------------|-------------|------------------------|
| 31                       | Healthcare Support Occupations | 312                       | Occupational Therapy and Physical Therapist Assistants and Aides | 312012                    | Occupational Therapy Aides                               | 15          | Service                |
| 31                       | Healthcare Support Occupations | 312                       | Occupational and Physical Therapist Assistants and Aides         | 312021                    | Physical Therapist Assistants                            | 15          | Service                |
| 31                       | Healthcare Support Occupations | 312                       | Occupational Therapy and Physical Therapist Assistants and Aides | 312021                    | Physical Therapist Assistants                            | 15          | Service                |
| 31                       | Healthcare Support Occupations | 312                       | Occupational and Physical Therapist Assistants and Aides         | 312022                    | Physical Therapist Aides                                 | 15          | Service                |
| 31                       | Healthcare Support Occupations | 312                       | Occupational Therapy and Physical Therapist Assistants and Aides | 312022                    | Physical Therapist Aides                                 | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319011                    | Massage Therapists                                       | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319091                    | Dental Assistants                                        | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319092                    | Medical Assistants                                       | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319093                    | Medical Equipment Preparers                              | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319094                    | Medical Transcriptionists                                | 1           | Clerical               |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319095                    | Pharmacy Aides                                           | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319096                    | Veterinary Assistants and Laboratory Animal Caretakers   | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319097                    | Phlebotomists                                            | 15          | Service                |
| 31                       | Healthcare Support Occupations | 319                       | Other Healthcare Support Occupations                             | 319099                    | Healthcare Support Workers, All Other                    | 15          | Service                |
| 33                       | Protective Service Occupations | 331                       | First-Line Supervisors/Managers, Protective Service Workers      | 331011                    | First-Line Supervisors/Managers of Correctional Officers | 6           | Manager, administrator |
| 33                       | Protective Service Occupations | 331                       | Supervisors of Protective Service Workers                        | 331011                    | First-Line Supervisors of Correctional Officers          | 6           | Manager, administrator |
| 33                       | Protective Service Occupations | 331                       | First-Line Supervisors/Managers, Protective Service Workers      | 331012                    | First-Line Supervisors/Managers of Police and Detectives | 6           | Manager, administrator |
| 33                       | Protective Service Occupations | 331                       | Supervisors of Protective Service Workers                        | 331012                    | First-Line Supervisors of Police and Detectives          | 6           | Manager, administrator |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category         | Midlevel O*NET code | Midlevel O*NET category                                     | Specific O*NET code | Specific O*NET category                                                 | ELS Code | ELS category           |
|--------------------|--------------------------------|---------------------|-------------------------------------------------------------|---------------------|-------------------------------------------------------------------------|----------|------------------------|
| 33                 | Protective Service Occupations | 331                 | First-Line Supervisors/Managers, Protective Service Workers | 331021              | First-Line Supervisors/Managers of Fire Fighting and Prevention Workers | 6        | Manager, administrator |
| 33                 | Protective Service Occupations | 331                 | Supervisors of Protective Service Workers                   | 331021              | First-Line Supervisors of Fire Fighting and Prevention Workers          | 6        | Manager, administrator |
| 33                 | Protective Service Occupations | 331                 | First-Line Supervisors/Managers, Protective Service Workers | 331099              | First-Line Supervisors/Managers, Protective Service Workers, All Other  | 6        | Manager, administrator |
| 33                 | Protective Service Occupations | 331                 | Supervisors of Protective Service Workers                   | 331099              | First-Line Supervisors of Protective Service Workers, All Other         | 6        | Manager, administrator |
| 33                 | Protective Service Occupations | 332                 | Fire Fighting and Prevention Workers                        | 332011              | Fire Fighters                                                           | 12       | Protective service     |
| 33                 | Protective Service Occupations | 332                 | Fire Fighting and Prevention Workers                        | 332011              | Firefighters                                                            | 12       | Protective service     |
| 33                 | Protective Service Occupations | 332                 | Fire Fighting and Prevention Workers                        | 332021              | Fire Inspectors and Investigators                                       | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333000              | Law Enforcement Workers                                                 | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333011              | Bailiffs                                                                | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333012              | Correctional Officers and Jailers                                       | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333021              | Detectives and Criminal Investigators                                   | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333031              | Fish and Game Wardens                                                   | 12       | Protective service     |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333041              | Parking Enforcement Workers                                             | 15       | Service                |
| 33                 | Protective Service Occupations | 333                 | Law Enforcement Workers                                     | 333051              | Police and Sheriff's Patrol Officers                                    | 12       | Protective service     |
| 33                 | Protective Service Occupations | 339                 | Other Protective Service Workers                            | 339011              | Animal Control Workers                                                  | 12       | Protective service     |
| 33                 | Protective Service Occupations | 339                 | Other Protective Service Workers                            | 339021              | Private Detectives and Investigators                                    | 12       | Protective service     |
| 33                 | Protective Service Occupations | 339                 | Other Protective Service Workers                            | 339031              | Gaming Surveillance Officers and Gaming Investigators                   | 12       | Protective service     |
| 33                 | Protective Service Occupations | 339                 | Other Protective Service Workers                            | 339032              | Security Guards                                                         | 12       | Protective service     |
| 33                 | Protective Service Occupations | 339                 | Other Protective Service Workers                            | 339091              | Crossing Guards                                                         | 15       | Service                |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General<br>O*NET<br>code | General O*NET category                              | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                | Specific<br>O*NET<br>code | Specific O*NET category                                                            | ELS<br>Code | ELS category           |
|--------------------------|-----------------------------------------------------|---------------------------|--------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------|------------------------|
| 33                       | Protective Service Occupations                      | 339                       | Other Protective Service Workers                       | 339092                    | Lifeguards, Ski Patrol, and<br>Other Recreational<br>Protective Service<br>Workers | 15          | Service                |
| 33                       | Protective Service Occupations                      | 339                       | Other Protective Service Workers                       | 339093                    | Transportation Security<br>Screeners                                               | 12          | Protective service     |
| 33                       | Protective Service Occupations                      | 339                       | Other Protective Service Workers                       | 339099                    | Protective Service Workers,<br>All Other                                           | 12          | Protective service     |
| 33                       | Protective Service Occupations                      | 339                       | Other Protective Service Workers                       | 339099                    | Protective Service Workers,<br>All Other                                           | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 351                       | Supervisors of Food Preparation and<br>Serving Workers | 351011                    | Chefs and Head Cooks                                                               | 2           | Craftsperson           |
| 35                       | Food Preparation and Serving<br>Related Occupations | 351                       | Supervisors, Food Preparation and<br>Serving Workers   | 351011                    | Chefs and Head Cooks                                                               | 2           | Craftsperson           |
| 35                       | Food Preparation and Serving<br>Related Occupations | 351                       | Supervisors of Food Preparation and<br>Serving Workers | 351012                    | First-Line Supervisors of Food<br>Preparation and Serving<br>Workers               | 6           | Manager, administrator |
| 35                       | Food Preparation and Serving<br>Related Occupations | 351                       | Supervisors, Food Preparation and<br>Serving Workers   | 351012                    | First-Line<br>Supervisors/Managers of<br>Food Preparation and<br>Serving Workers   | 6           | Manager, administrator |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352011                    | Cooks, Fast Food                                                                   | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352012                    | Cooks, Institution and<br>Cafeteria                                                | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352013                    | Cooks, Private Household                                                           | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352014                    | Cooks, Restaurant                                                                  | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352015                    | Cooks, Short Order                                                                 | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352019                    | Cooks, All Other                                                                   | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 352                       | Cooks and Food Preparation<br>Workers                  | 352021                    | Food Preparation Workers                                                           | 15          | Service                |
| 35                       | Food Preparation and Serving<br>Related Occupations | 353                       | Food and Beverage Serving<br>Workers                   | 353011                    | Bartenders                                                                         | 15          | Service                |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                    | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                              | Specific<br>O*NET<br>code | Specific O*NET category                                                                  | ELS<br>Code | ELS category           |
|--------------------------|-----------------------------------------------------------|---------------------------|----------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------|-------------|------------------------|
| 35                       | Food Preparation and Serving Related Occupations          | 353                       | Food and Beverage Serving Workers                                    | 353021                    | Combined Food Preparation and Serving Workers, Including Fast Food                       | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 353                       | Food and Beverage Serving Workers                                    | 353022                    | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop                          | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 353                       | Food and Beverage Serving Workers                                    | 353031                    | Waiters and Waitresses                                                                   | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 353                       | Food and Beverage Serving Workers                                    | 353041                    | Food Servers, Nonrestaurant                                                              | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 359                       | Other Food Preparation and Serving Related Workers                   | 359011                    | Dining Room and Cafeteria Attendants and Bartender Helpers                               | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 359                       | Other Food Preparation and Serving Related Workers                   | 359021                    | Dishwashers                                                                              | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 359                       | Other Food Preparation and Serving Related Workers                   | 359031                    | Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop                                 | 15          | Service                |
| 35                       | Food Preparation and Serving Related Occupations          | 359                       | Other Food Preparation and Serving Related Workers                   | 359099                    | Food Preparation and Serving Related Workers, All Other                                  | 15          | Service                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 371                       | Supervisors of Building and Grounds Cleaning and Maintenance Workers | 371011                    | First-Line Supervisors of Housekeeping and Janitorial Workers                            | 6           | Manager, administrator |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 371                       | Supervisors, Building and Grounds Cleaning and Maintenance Workers   | 371011                    | First-Line Supervisors/Managers of Housekeeping and Janitorial Workers                   | 6           | Manager, administrator |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 371                       | Supervisors of Building and Grounds Cleaning and Maintenance Workers | 371012                    | First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers          | 6           | Manager, administrator |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 371                       | Supervisors, Building and Grounds Cleaning and Maintenance Workers   | 371012                    | First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers | 6           | Manager, administrator |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                                    | Midlevel<br>O*NET<br>code | Midlevel O*NET category                          | Specific<br>O*NET<br>code | Specific O*NET category                                       | ELS<br>Code | ELS category           |
|--------------------------|-----------------------------------------------------------|---------------------------|--------------------------------------------------|---------------------------|---------------------------------------------------------------|-------------|------------------------|
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 372                       | Building Cleaning and Pest Control Workers       | 372011                    | Janitors and Cleaners, Except Maids and Housekeeping Cleaners | 15          | Service                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 372                       | Building Cleaning and Pest Control Workers       | 372012                    | Maids and Housekeeping Cleaners                               | 15          | Service                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 372                       | Building Cleaning and Pest Control Workers       | 372019                    | Building Cleaning Workers, All Other                          | 15          | Service                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 372                       | Building Cleaning and Pest Control Workers       | 372021                    | Pest Control Workers                                          | 15          | Service                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 373                       | Grounds Maintenance Workers                      | 373011                    | Landscaping and Groundskeeping Workers                        | 5           | Laborer                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 373                       | Grounds Maintenance Workers                      | 373012                    | Pesticide Handlers, Sprayers, and Applicators, Vegetation     | 5           | Laborer                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 373                       | Grounds Maintenance Workers                      | 373013                    | Tree Trimmers and Pruners                                     | 5           | Laborer                |
| 37                       | Building and Grounds Cleaning and Maintenance Occupations | 373                       | Grounds Maintenance Workers                      | 373019                    | Grounds Maintenance Workers, All Other                        | 5           | Laborer                |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors of Personal Care and Service Workers | 391011                    | Gaming Supervisors                                            | 6           | Manager, administrator |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors, Personal Care and Service Workers   | 391011                    | Gaming Supervisors                                            | 6           | Manager, administrator |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors of Personal Care and Service Workers | 391012                    | Slot Supervisors                                              | 1           | Clerical               |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors, Personal Care and Service Workers   | 391012                    | Slot Key Persons                                              | 1           | Clerical               |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors of Personal Care and Service Workers | 391021                    | First-Line Supervisors of Personal Service Workers            | 6           | Manager, administrator |
| 39                       | Personal Care and Service Occupations                     | 391                       | Supervisors, Personal Care and Service Workers   | 391021                    | First-Line Supervisors/Managers of Personal Service Workers   | 6           | Manager, administrator |
| 39                       | Personal Care and Service Occupations                     | 392                       | Animal Care and Service Workers                  | 392011                    | Animal Trainers                                               | 2           | Craftsperson           |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                | Midlevel<br>O*NET<br>code | Midlevel O*NET category                      | Specific<br>O*NET<br>code | Specific O*NET category                                 | ELS<br>Code | ELS category           |
|--------------------------|---------------------------------------|---------------------------|----------------------------------------------|---------------------------|---------------------------------------------------------|-------------|------------------------|
| 39                       | Personal Care and Service Occupations | 392                       | Animal Care and Service Workers              | 392021                    | Nonfarm Animal Caretakers                               | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393011                    | Gaming Dealers                                          | 1           | Clerical               |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393012                    | Gaming and Sports Book Writers and Runners              | 1           | Clerical               |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393019                    | Gaming Service Workers, All Other                       | 1           | Clerical               |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393021                    | Motion Picture Projectionists                           | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393031                    | Ushers, Lobby Attendants, and Ticket Takers             | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393091                    | Amusement and Recreation Attendants                     | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393092                    | Costume Attendants                                      | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393093                    | Locker Room, Coatroom, and Dressing Room Attendants     | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 393                       | Entertainment Attendants and Related Workers | 393099                    | Entertainment Attendants and Related Workers, All Other | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 394                       | Funeral Service Workers                      | 394011                    | Embalmers                                               | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 394                       | Funeral Service Workers                      | 394021                    | Funeral Attendants                                      | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 394                       | Funeral Service Workers                      | 394031                    | Morticians, Undertakers, and Funeral Directors          | 6           | Manager, administrator |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                  | 395011                    | Barbers                                                 | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                  | 395012                    | Hairdressers, Hairstylists, and Cosmetologists          | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                  | 395091                    | Makeup Artists, Theatrical and Performance              | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                  | 395092                    | Manicurists and Pedicurists                             | 15          | Service                |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                  | 395093                    | Shampooers                                              | 15          | Service                |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General<br>O*NET<br>code | General O*NET category                | Midlevel<br>O*NET<br>code | Midlevel O*NET category                         | Specific<br>O*NET<br>code | Specific O*NET category                                                 | ELS<br>Code | ELS category |
|--------------------------|---------------------------------------|---------------------------|-------------------------------------------------|---------------------------|-------------------------------------------------------------------------|-------------|--------------|
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                     | 395094                    | Skin Care Specialists                                                   | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 395                       | Personal Appearance Workers                     | 395094                    | Skincare Specialists                                                    | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Baggage Porters, Bellhops, and Concierges       | 396011                    | Baggage Porters and Bellhops                                            | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Transportation, Tourism, and Lodging Attendants | 396011                    | Baggage Porters and Bellhops                                            | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Baggage Porters, Bellhops, and Concierges       | 396012                    | Concierges                                                              | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Transportation, Tourism, and Lodging Attendants | 396012                    | Concierges                                                              | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Transportation, Tourism, and Lodging Attendants | 396021                    | Tour Guides and Escorts                                                 | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Transportation, Tourism, and Lodging Attendants | 396031                    | Flight Attendants                                                       | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 396                       | Transportation, Tourism, and Lodging Attendants | 396032                    | Transportation Attendants, Except Flight Attendants and Baggage Porters | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 397                       | Tour and Travel Guides                          | 397011                    | Tour Guides and Escorts                                                 | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 397                       | Tour and Travel Guides                          | 397012                    | Travel Guides                                                           | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399011                    | Child Care Workers                                                      | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399011                    | Childcare Workers                                                       | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399021                    | Personal and Home Care Aides                                            | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399021                    | Personal Care Aides                                                     | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399031                    | Fitness Trainers and Aerobics Instructors                               | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399032                    | Recreation Workers                                                      | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399041                    | Residential Advisors                                                    | 15          | Service      |
| 39                       | Personal Care and Service Occupations | 399                       | Other Personal Care and Service Workers         | 399099                    | Personal Care and Service Workers, All Other                            | 15          | Service      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category        | Midlevel<br>O*NET<br>code | Midlevel O*NET category                            | Specific<br>O*NET<br>code | Specific O*NET category                                                                      | ELS<br>Code | ELS category           |
|--------------------------|-------------------------------|---------------------------|----------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------|-------------|------------------------|
| 41                       | Sales and Related Occupations | 411                       | Supervisors of Sales Workers                       | 411011                    | First-Line Supervisors of Retail Sales Workers                                               | 6           | Manager, administrator |
| 41                       | Sales and Related Occupations | 411                       | Supervisors, Sales Workers                         | 411011                    | First-Line Supervisors/Managers of Retail Sales Workers                                      | 6           | Manager, administrator |
| 41                       | Sales and Related Occupations | 411                       | Supervisors of Sales Workers                       | 411012                    | First-Line Supervisors of Non-Retail Sales Workers                                           | 6           | Manager, administrator |
| 41                       | Sales and Related Occupations | 411                       | Supervisors, Sales Workers                         | 411012                    | First-Line Supervisors/Managers of Non-Retail Sales Workers                                  | 6           | Manager, administrator |
| 41                       | Sales and Related Occupations | 412                       | Retail Sales Workers                               | 412011                    | Cashiers                                                                                     | 15          | Service                |
| 41                       | Sales and Related Occupations | 412                       | Retail Sales Workers                               | 412012                    | Gaming Change Persons and Booth Cashiers                                                     | 15          | Service                |
| 41                       | Sales and Related Occupations | 412                       | Retail Sales Workers                               | 412021                    | Counter and Rental Clerks                                                                    | 15          | Service                |
| 41                       | Sales and Related Occupations | 412                       | Retail Sales Workers                               | 412022                    | Parts Salespersons                                                                           | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 412                       | Retail Sales Workers                               | 412031                    | Retail Salespersons                                                                          | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 413                       | Sales Representatives, Services                    | 413011                    | Advertising Sales Agents                                                                     | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 413                       | Sales Representatives, Services                    | 413021                    | Insurance Sales Agents                                                                       | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 413                       | Sales Representatives, Services                    | 413031                    | Securities, Commodities, and Financial Services Sales Agents                                 | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 413                       | Sales Representatives, Services                    | 413041                    | Travel Agents                                                                                | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 413                       | Sales Representatives, Services                    | 413099                    | Sales Representatives, Services, All Other                                                   | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 414                       | Sales Representatives, Wholesale and Manufacturing | 414011                    | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products        | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 414                       | Sales Representatives, Wholesale and Manufacturing | 414012                    | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 419                       | Other Sales and Related Workers                    | 419000                    | Other Sales and Related Workers                                                              | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 419                       | Other Sales and Related Workers                    | 419011                    | Demonstrators and Product Promoters                                                          | 13          | Sales                  |
| 41                       | Sales and Related Occupations | 419                       | Other Sales and Related Workers                    | 419012                    | Models                                                                                       | 9           | Professional A         |
| 41                       | Sales and Related Occupations | 419                       | Other Sales and Related Workers                    | 419021                    | Real Estate Brokers                                                                          | 13          | Sales                  |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category                        | Midlevel O*NET code | Midlevel O*NET category                                  | Specific O*NET code | Specific O*NET category                                                      | ELS Code | ELS category           |
|--------------------|-----------------------------------------------|---------------------|----------------------------------------------------------|---------------------|------------------------------------------------------------------------------|----------|------------------------|
| 41                 | Sales and Related Occupations                 | 419                 | Other Sales and Related Workers                          | 419022              | Real Estate Sales Agents                                                     | 13       | Sales                  |
| 41                 | Sales and Related Occupations                 | 419                 | Other Sales and Related Workers                          | 419031              | Sales Engineers                                                              | 9        | Professional A         |
| 41                 | Sales and Related Occupations                 | 419                 | Other Sales and Related Workers                          | 419041              | Telemarketers                                                                | 13       | Sales                  |
| 41                 | Sales and Related Occupations                 | 419                 | Other Sales and Related Workers                          | 419091              | Door-to-Door Sales Workers, News and Street Vendors, and Related Workers     | 13       | Sales                  |
| 41                 | Sales and Related Occupations                 | 419                 | Other Sales and Related Workers                          | 419099              | Sales and Related Workers, All Other                                         | 13       | Sales                  |
| 43                 | Office and Administrative Support Occupations | 431                 | Supervisors of Office and Administrative Support Workers | 431011              | First-Line Supervisors of Office and Administrative Support Workers          | 6        | Manager, administrator |
| 43                 | Office and Administrative Support Occupations | 431                 | Supervisors, Office and Administrative Support Workers   | 431011              | First-Line Supervisors/Managers of Office and Administrative Support Workers | 6        | Manager, administrator |
| 43                 | Office and Administrative Support Occupations | 432                 | Communications Equipment Operators                       | 432011              | Switchboard Operators, Including Answering Service                           | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 432                 | Communications Equipment Operators                       | 432021              | Telephone Operators                                                          | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 432                 | Communications Equipment Operators                       | 432099              | Communications Equipment Operators, All Other                                | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433011              | Bill and Account Collectors                                                  | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433021              | Billing and Posting Clerks                                                   | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433021              | Billing and Posting Clerks and Machine Operators                             | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433031              | Bookkeeping, Accounting, and Auditing Clerks                                 | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433041              | Gaming Cage Workers                                                          | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433051              | Payroll and Timekeeping Clerks                                               | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433061              | Procurement Clerks                                                           | 1        | Clerical               |
| 43                 | Office and Administrative Support Occupations | 433                 | Financial Clerks                                         | 433071              | Tellers                                                                      | 1        | Clerical               |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                        | Midlevel<br>O*NET<br>code | Midlevel O*NET category       | Specific<br>O*NET<br>code | Specific O*NET category                                        | ELS<br>Code | ELS category |
|--------------------------|-----------------------------------------------|---------------------------|-------------------------------|---------------------------|----------------------------------------------------------------|-------------|--------------|
| 43                       | Office and Administrative Support Occupations | 433                       | Financial Clerks              | 433099                    | Financial Clerks, All Other                                    | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434011                    | Brokerage Clerks                                               | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434021                    | Correspondence Clerks                                          | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434031                    | Court, Municipal, and License Clerks                           | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434041                    | Credit Authorizers, Checkers, and Clerks                       | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434051                    | Customer Service Representatives                               | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434061                    | Eligibility Interviewers, Government Programs                  | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434071                    | File Clerks                                                    | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434081                    | Hotel, Motel, and Resort Desk Clerks                           | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434111                    | Interviewers, Except Eligibility and Loan                      | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434121                    | Library Assistants, Clerical                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434131                    | Loan Interviewers and Clerks                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434141                    | New Accounts Clerks                                            | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434151                    | Order Clerks                                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434161                    | Human Resources Assistants, Except Payroll and Timekeeping     | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434171                    | Receptionists and Information Clerks                           | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434181                    | Reservation and Transportation Ticket Agents and Travel Clerks | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 434                       | Information and Record Clerks | 434199                    | Information and Record Clerks, All Other                       | 1           | Clerical     |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General<br>O*NET<br>code | General O*NET category                        | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                               | Specific<br>O*NET<br>code | Specific O*NET category                                                   | ELS<br>Code | ELS category |
|--------------------------|-----------------------------------------------|---------------------------|-----------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------|-------------|--------------|
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435011                    | Cargo and Freight Agents                                                  | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435021                    | Couriers and Messengers                                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435031                    | Police, Fire, and Ambulance Dispatchers                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435032                    | Dispatchers, Except Police, Fire, and Ambulance                           | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435041                    | Meter Readers, Utilities                                                  | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435051                    | Postal Service Clerks                                                     | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435052                    | Postal Service Mail Carriers                                              | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435053                    | Postal Service Mail Sorters, Processors, and Processing Machine Operators | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435061                    | Production, Planning, and Expediting Clerks                               | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435071                    | Shipping, Receiving, and Traffic Clerks                                   | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435081                    | Stock Clerks and Order Fillers                                            | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 435                       | Material Recording, Scheduling, Dispatching, and Distributing Workers | 435111                    | Weighers, Measurers, Checkers, and Samplers, Recordkeeping                | 1           | Clerical     |
| 43                       | Office and Administrative Support Occupations | 436                       | Secretaries and Administrative Assistants                             | 436011                    | Executive Secretaries and Administrative Assistants                       | 1           | Clerical     |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                        | Midlevel O*NET code | Midlevel O*NET category                               | Specific O*NET code | Specific O*NET category                                                         | ELS Code | ELS category         |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------------------|---------------------|---------------------------------------------------------------------------------|----------|----------------------|
| 43                 | Office and Administrative Support Occupations | 436                 | Secretaries and Administrative Assistants             | 436011              | Executive Secretaries and Executive Administrative Assistants                   | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 436                 | Secretaries and Administrative Assistants             | 436012              | Legal Secretaries                                                               | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 436                 | Secretaries and Administrative Assistants             | 436013              | Medical Secretaries                                                             | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 436                 | Secretaries and Administrative Assistants             | 436014              | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 436                 | Secretaries and Administrative Assistants             | 436014              | Secretaries, Except Legal, Medical, and Executive                               | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439011              | Computer Operators                                                              | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439021              | Data Entry Keyers                                                               | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439022              | Word Processors and Typists                                                     | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439031              | Desktop Publishers                                                              | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439041              | Insurance Claims and Policy Processing Clerks                                   | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439051              | Mail Clerks and Mail Machine Operators, Except Postal Service                   | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439061              | Office Clerks, General                                                          | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439071              | Office Machine Operators, Except Computer                                       | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439081              | Proofreaders and Copy Markers                                                   | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439111              | Statistical Assistants                                                          | 1        | Clerical             |
| 43                 | Office and Administrative Support Occupations | 439                 | Other Office and Administrative Support Workers       | 439199              | Office and Administrative Support Workers, All Other                            | 1        | Clerical             |
| 45                 | Farming, Fishing, and Forestry Occupations    | 451                 | Supervisors of Farming, Fishing, and Forestry Workers | 451011              | First-Line Supervisors of Farming, Fishing, and Forestry Workers                | 3        | Farmer, farm manager |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                     | Midlevel O*NET code | Midlevel O*NET category                             | Specific O*NET code | Specific O*NET category                                                   | ELS Code | ELS category         |
|--------------------|--------------------------------------------|---------------------|-----------------------------------------------------|---------------------|---------------------------------------------------------------------------|----------|----------------------|
| 45                 | Farming, Fishing, and Forestry Occupations | 451                 | Supervisors, Farming, Fishing, and Forestry Workers | 451011              | First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers | 3        | Farmer, farm manager |
| 45                 | Farming, Fishing, and Forestry Occupations | 451                 | Supervisors, Farming, Fishing, and Forestry Workers | 451012              | Farm Labor Contractors                                                    | 3        | Farmer, farm manager |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452011              | Agricultural Inspectors                                                   | 1        | Clerical             |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452021              | Animal Breeders                                                           | 2        | Craftsperson         |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452041              | Graders and Sorters, Agricultural Products                                | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452091              | Agricultural Equipment Operators                                          | 8        | Operative            |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452092              | Farmworkers and Laborers, Crop, Nursery, and Greenhouse                   | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452093              | Farmworkers, Farm and Ranch Animals                                       | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452093              | Farmworkers, Farm, Ranch, and Aquacultural Animals                        | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452099              | Agricultural Workers, All Other                                           | 1        | Clerical             |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452099              | Agricultural Workers, All Other                                           | 2        | Craftsperson         |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452099              | Agricultural Workers, All Other                                           | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 452                 | Agricultural Workers                                | 452099              | Agricultural Workers, All Other                                           | 8        | Operative            |
| 45                 | Farming, Fishing, and Forestry Occupations | 453                 | Fishing and Hunting Workers                         | 453011              | Fishers and Related Fishing Workers                                       | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 453                 | Fishing and Hunting Workers                         | 453021              | Hunters and Trappers                                                      | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 454                 | Forest, Conservation, and Logging Workers           | 454011              | Forest and Conservation Workers                                           | 5        | Laborer              |
| 45                 | Farming, Fishing, and Forestry Occupations | 454                 | Forest, Conservation, and Logging Workers           | 454021              | Fallers                                                                   | 8        | Operative            |
| 45                 | Farming, Fishing, and Forestry Occupations | 454                 | Forest, Conservation, and Logging Workers           | 454022              | Logging Equipment Operators                                               | 8        | Operative            |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                     | Midlevel<br>O*NET<br>code | Midlevel O*NET category                            | Specific<br>O*NET<br>code | Specific O*NET category                                                       | ELS<br>Code | ELS category           |
|--------------------------|--------------------------------------------|---------------------------|----------------------------------------------------|---------------------------|-------------------------------------------------------------------------------|-------------|------------------------|
| 45                       | Farming, Fishing, and Forestry Occupations | 454                       | Forest, Conservation, and Logging Workers          | 454023                    | Log Graders and Scalers                                                       | 1           | Clerical               |
| 45                       | Farming, Fishing, and Forestry Occupations | 454                       | Forest, Conservation, and Logging Workers          | 454029                    | Logging Workers, All Other                                                    | 1           | Clerical               |
| 45                       | Farming, Fishing, and Forestry Occupations | 454                       | Forest, Conservation, and Logging Workers          | 454029                    | Logging Workers, All Other                                                    | 5           | Laborer                |
| 45                       | Farming, Fishing, and Forestry Occupations | 454                       | Forest, Conservation, and Logging Workers          | 454029                    | Logging Workers, All Other                                                    | 8           | Operative              |
| 47                       | Construction and Extraction Occupations    | 471                       | Supervisors of Construction and Extraction Workers | 471011                    | First-Line Supervisors of Construction Trades and Extraction Workers          | 6           | Manager, administrator |
| 47                       | Construction and Extraction Occupations    | 471                       | Supervisors, Construction and Extraction Workers   | 471011                    | First-Line Supervisors/Managers of Construction Trades and Extraction Workers | 6           | Manager, administrator |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472011                    | Boilermakers                                                                  | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472021                    | Brickmasons and Blockmasons                                                   | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472022                    | Stonemasons                                                                   | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472031                    | Carpenters                                                                    | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472041                    | Carpet Installers                                                             | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472042                    | Floor Layers, Except Carpet, Wood, and Hard Tiles                             | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472043                    | Floor Sanders and Finishers                                                   | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472044                    | Tile and Marble Setters                                                       | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472051                    | Cement Masons and Concrete Finishers                                          | 2           | Craftsperson           |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472061                    | Construction Laborers                                                         | 5           | Laborer                |
| 47                       | Construction and Extraction Occupations    | 472                       | Construction Trades Workers                        | 472071                    | Paving, Surfacing, and Tamping Equipment Operators                            | 8           | Operative              |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                  | Midlevel O*NET code | Midlevel O*NET category      | Specific O*NET code | Specific O*NET category                                                     | ELS Code | ELS category |
|--------------------|-----------------------------------------|---------------------|------------------------------|---------------------|-----------------------------------------------------------------------------|----------|--------------|
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472072              | Pile-Driver Operators                                                       | 8        | Operative    |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472073              | Operating Engineers and Other Construction Equipment Operators              | 8        | Operative    |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472081              | Drywall and Ceiling Tile Installers                                         | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472082              | Tapers                                                                      | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472111              | Electricians                                                                | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472121              | Glaziers                                                                    | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472131              | Insulation Workers, Floor, Ceiling, and Wall                                | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472132              | Insulation Workers, Mechanical                                              | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472141              | Painters, Construction and Maintenance                                      | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472151              | Pipelayers                                                                  | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472152              | Plumbers, Pipefitters, and Steamfitters                                     | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472161              | Plasterers and Stucco Masons                                                | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472171              | Reinforcing Iron and Rebar Workers                                          | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472181              | Roofers                                                                     | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472211              | Sheet Metal Workers                                                         | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472221              | Structural Iron and Steel Workers                                           | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 472                 | Construction Trades Workers  | 472231              | Solar Photovoltaic Installers                                               | 2        | Craftsperson |
| 47                 | Construction and Extraction Occupations | 473                 | Helpers, Construction Trades | 473011              | Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters | 5        | Laborer      |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                  | Midlevel<br>O*NET<br>code | Midlevel O*NET category                | Specific<br>O*NET<br>code | Specific O*NET category                                                 | ELS<br>Code | ELS category |
|--------------------------|-----------------------------------------|---------------------------|----------------------------------------|---------------------------|-------------------------------------------------------------------------|-------------|--------------|
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473012                    | Helpers--Carpenters                                                     | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473013                    | Helpers--Electricians                                                   | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473014                    | Helpers--Painters,<br>Paperhangers,<br>Plasterers, and Stucco<br>Masons | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473015                    | Helpers--Pipelayers,<br>Plumbers, Pipefitters, and<br>Steamfitters      | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473016                    | Helpers--Roofers                                                        | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 473                       | Helpers, Construction Trades           | 473019                    | Helpers, Construction Trades,<br>All Other                              | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474011                    | Construction and Building<br>Inspectors                                 | 1           | Clerical     |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474021                    | Elevator Installers and<br>Repairers                                    | 2           | Craftsperson |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474031                    | Fence Erectors                                                          | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474041                    | Hazardous Materials Removal<br>Workers                                  | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474051                    | Highway Maintenance<br>Workers                                          | 8           | Operative    |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474061                    | Rail-Track Laying and<br>Maintenance Equipment<br>Operators             | 8           | Operative    |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474071                    | Septic Tank Servicers and<br>Sewer Pipe Cleaners                        | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474099                    | Construction and Related<br>Workers, All Other                          | 1           | Clerical     |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474099                    | Construction and Related<br>Workers, All Other                          | 2           | Craftsperson |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474099                    | Construction and Related<br>Workers, All Other                          | 5           | Laborer      |
| 47                       | Construction and Extraction Occupations | 474                       | Other Construction and Related Workers | 474099                    | Construction and Related<br>Workers, All Other                          | 8           | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                  | Specific<br>O*NET<br>code | Specific O*NET category                                                 | ELS<br>Code | ELS category           |
|--------------------------|---------------------------------------------------|---------------------------|--------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------|-------------|------------------------|
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475011                    | Derrick Operators, Oil and Gas                                          | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475012                    | Rotary Drill Operators, Oil and Gas                                     | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475013                    | Service Unit Operators, Oil, Gas, and Mining                            | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475021                    | Earth Drillers, Except Oil and Gas                                      | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475031                    | Explosives Workers, Ordnance Handling Experts, and Blasters             | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475041                    | Continuous Mining Machine Operators                                     | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475042                    | Mine Cutting and Channeling Machine Operators                           | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475049                    | Mining Machine Operators, All Other                                     | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475051                    | Rock Splitters, Quarry                                                  | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475071                    | Roustabouts, Oil and Gas                                                | 8           | Operative              |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475081                    | Helpers--Extraction Workers                                             | 5           | Laborer                |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475099                    | Extraction Workers, All Other                                           | 5           | Laborer                |
| 47                       | Construction and Extraction Occupations           | 475                       | Extraction Workers                                                       | 475099                    | Extraction Workers, All Other                                           | 8           | Operative              |
| 49                       | Installation, Maintenance, and Repair Occupations | 491                       | Supervisors of Installation, Maintenance, and Repair Workers             | 491011                    | First-Line Supervisors of Mechanics, Installers, and Repairers          | 6           | Manager, administrator |
| 49                       | Installation, Maintenance, and Repair Occupations | 491                       | Supervisors of Installation, Maintenance, and Repair Workers             | 491011                    | First-Line Supervisors/Managers of Mechanics, Installers, and Repairers | 6           | Manager, administrator |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492011                    | Computer, Automated Teller, and Office Machine Repairers                | 2           | Craftsperson           |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                  | Specific<br>O*NET<br>code | Specific O*NET category                                                       | ELS<br>Code | ELS category |
|--------------------------|---------------------------------------------------|---------------------------|--------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------|-------------|--------------|
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492021                    | Radio Mechanics                                                               | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492021                    | Radio, Cellular, and Tower Equipment Installers and Repairs                   | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492022                    | Telecommunications Equipment Installers and Repairers, Except Line Installers | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492091                    | Avionics Technicians                                                          | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492092                    | Electric Motor, Power Tool, and Related Repairers                             | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492093                    | Electrical and Electronics Installers and Repairers, Transportation Equipment | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492094                    | Electrical and Electronics Repairers, Commercial and Industrial Equipment     | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492095                    | Electrical and Electronics Repairers, Powerhouse, Substation, and Relay       | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492096                    | Electronic Equipment Installers and Repairers, Motor Vehicles                 | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492097                    | Electronic Home Entertainment Equipment Installers and Repairers              | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 492                       | Electrical and Electronic Equipment Mechanics, Installers, and Repairers | 492098                    | Security and Fire Alarm Systems Installers                                    | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 493                       | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers        | 493000                    | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers             | 2           | Craftsperson |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category                            | Midlevel O*NET code | Midlevel O*NET category                                           | Specific O*NET code | Specific O*NET category                                  | ELS Code | ELS category |
|--------------------|---------------------------------------------------|---------------------|-------------------------------------------------------------------|---------------------|----------------------------------------------------------|----------|--------------|
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493011              | Aircraft Mechanics and Service Technicians               | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493021              | Automotive Body and Related Repairers                    | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493022              | Automotive Glass Installers and Repairers                | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493023              | Automotive Service Technicians and Mechanics             | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493031              | Bus and Truck Mechanics and Diesel Engine Specialists    | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493041              | Farm Equipment Mechanics                                 | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493041              | Farm Equipment Mechanics and Service Technicians         | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493042              | Mobile Heavy Equipment Mechanics, Except Engines         | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493043              | Rail Car Repairers                                       | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493051              | Motorboat Mechanics                                      | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493051              | Motorboat Mechanics and Service Technicians              | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493052              | Motorcycle Mechanics                                     | 2        | Craftsperson |
| 49                 | Installation, Maintenance, and Repair Occupations | 493                 | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493053              | Outdoor Power Equipment and Other Small Engine Mechanics | 2        | Craftsperson |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                           | Specific<br>O*NET<br>code | Specific O*NET category                                               | ELS<br>Code | ELS category |
|--------------------------|---------------------------------------------------|---------------------------|-------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------|-------------|--------------|
| 49                       | Installation, Maintenance, and Repair Occupations | 493                       | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493091                    | Bicycle Repairers                                                     | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 493                       | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493092                    | Recreational Vehicle Service Technicians                              | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 493                       | Vehicle and Mobile Equipment Mechanics, Installers, and Repairers | 493093                    | Tire Repairers and Changers                                           | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499011                    | Mechanical Door Repairers                                             | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499012                    | Control and Valve Installers and Repairers, Except Mechanical Door    | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499021                    | Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499031                    | Home Appliance Repairers                                              | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499041                    | Industrial Machinery Mechanics                                        | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499042                    | Maintenance and Repair Workers, General                               | 8           | Operative    |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499043                    | Maintenance Workers, Machinery                                        | 8           | Operative    |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499044                    | Millwrights                                                           | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499051                    | Electrical Power-Line Installers and Repairers                        | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499052                    | Telecommunications Line Installers and Repairers                      | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499062                    | Medical Equipment Repairers                                           | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499063                    | Musical Instrument Repairers and Tuners                               | 2           | Craftsperson |
| 49                       | Installation, Maintenance, and Repair Occupations | 499                       | Other Installation, Maintenance, and Repair Occupations           | 499069                    | Precision Instrument and Equipment Repairers, All Other               | 2           | Craftsperson |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category                            | Midlevel O*NET code | Midlevel O*NET category                                 | Specific O*NET code | Specific O*NET category                                             | ELS Code | ELS category           |
|--------------------|---------------------------------------------------|---------------------|---------------------------------------------------------|---------------------|---------------------------------------------------------------------|----------|------------------------|
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499071              | Maintenance and Repair Workers, General                             | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499081              | Wind Turbine Service Technicians                                    | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499091              | Coin, Vending, and Amusement Machine Servicers and Repairers        | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499092              | Commercial Divers                                                   | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499095              | Manufactured Building and Mobile Home Installers                    | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499096              | Riggers                                                             | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499097              | Signal and Track Switch Repairers                                   | 2        | Craftsperson           |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499098              | Helpers--Installation, Maintenance, and Repair Workers              | 5        | Laborer                |
| 49                 | Installation, Maintenance, and Repair Occupations | 499                 | Other Installation, Maintenance, and Repair Occupations | 499099              | Installation, Maintenance, and Repair Workers, All Other            | 2        | Craftsperson           |
| 51                 | Production Occupations                            | 511                 | Supervisors of Production Workers                       | 511011              | First-Line Supervisors of Production and Operating Workers          | 6        | Manager, administrator |
| 51                 | Production Occupations                            | 511                 | Supervisors, Production Workers                         | 511011              | First-Line Supervisors/Managers of Production and Operating Workers | 6        | Manager, administrator |
| 51                 | Production Occupations                            | 512                 | Assemblers and Fabricators                              | 512011              | Aircraft Structure, Surfaces, Rigging, and Systems Assemblers       | 8        | Operative              |
| 51                 | Production Occupations                            | 512                 | Assemblers and Fabricators                              | 512021              | Coil Winders, Tapers, and Finishers                                 | 8        | Operative              |
| 51                 | Production Occupations                            | 512                 | Assemblers and Fabricators                              | 512022              | Electrical and Electronic Equipment Assemblers                      | 8        | Operative              |
| 51                 | Production Occupations                            | 512                 | Assemblers and Fabricators                              | 512023              | Electromechanical Equipment Assemblers                              | 8        | Operative              |
| 51                 | Production Occupations                            | 512                 | Assemblers and Fabricators                              | 512031              | Engine and Other Machine Assemblers                                 | 8        | Operative              |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category | Midlevel<br>O*NET<br>code | Midlevel O*NET category           | Specific<br>O*NET<br>code | Specific O*NET category                                                                   | ELS<br>Code | ELS category |
|--------------------------|------------------------|---------------------------|-----------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-------------|--------------|
| 51                       | Production Occupations | 512                       | Assemblers and Fabricators        | 512041                    | Structural Metal Fabricators<br>and Fitters                                               | 8           | Operative    |
| 51                       | Production Occupations | 512                       | Assemblers and Fabricators        | 512091                    | Fiberglass Laminators and<br>Fabricators                                                  | 8           | Operative    |
| 51                       | Production Occupations | 512                       | Assemblers and Fabricators        | 512092                    | Team Assemblers                                                                           | 8           | Operative    |
| 51                       | Production Occupations | 512                       | Assemblers and Fabricators        | 512099                    | Assemblers and Fabricators,<br>All Other                                                  | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513011                    | Bakers                                                                                    | 2           | Craftsperson |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513021                    | Butchers and Meat Cutters                                                                 | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513022                    | Meat, Poultry, and Fish<br>Cutters and Trimmers                                           | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513023                    | Slaughterers and Meat<br>Packers                                                          | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513091                    | Food and Tobacco Roasting,<br>Baking, and Drying<br>Machine Operators and<br>Tenders      | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513092                    | Food Batchmakers                                                                          | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513093                    | Food Cooking Machine<br>Operators and Tenders                                             | 8           | Operative    |
| 51                       | Production Occupations | 513                       | Food Processing Workers           | 513099                    | Food Processing Workers, All<br>Other                                                     | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514011                    | Computer-Controlled Machine<br>Tool Operators, Metal<br>and Plastic                       | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514012                    | Computer Numerically<br>Controlled Machine Tool<br>Programmers, Metal and<br>Plastic      | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514012                    | Numerical Tool and Process<br>Control Programmers                                         | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514021                    | Extruding and Drawing<br>Machine Setters,<br>Operators, and Tenders,<br>Metal and Plastic | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514022                    | Forging Machine Setters,<br>Operators, and Tenders,<br>Metal and Plastic                  | 8           | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category | Midlevel<br>O*NET<br>code | Midlevel O*NET category           | Specific<br>O*NET<br>code | Specific O*NET category                                                                                               | ELS<br>Code | ELS category |
|--------------------------|------------------------|---------------------------|-----------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514023                    | Rolling Machine Setters,<br>Operators, and Tenders,<br>Metal and Plastic                                              | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514031                    | Cutting, Punching, and Press<br>Machine Setters,<br>Operators, and Tenders,<br>Metal and Plastic                      | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514032                    | Drilling and Boring Machine<br>Tool Setters, Operators,<br>and Tenders, Metal and<br>Plastic                          | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514033                    | Grinding, Lapping, Polishing,<br>and Buffing Machine Tool<br>Setters, Operators, and<br>Tenders, Metal and<br>Plastic | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514034                    | Lathe and Turning Machine<br>Tool Setters, Operators,<br>and Tenders, Metal and<br>Plastic                            | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514035                    | Milling and Planing Machine<br>Setters, Operators, and<br>Tenders, Metal and<br>Plastic                               | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514041                    | Machinists                                                                                                            | 2           | Craftsperson |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514051                    | Metal-Refining Furnace<br>Operators and Tenders                                                                       | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514061                    | Model Makers, Metal and<br>Plastic                                                                                    | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514071                    | Foundry Mold and<br>Coremakers                                                                                        | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514072                    | Molding, Coremaking, and<br>Casting Machine Setters,<br>Operators, and Tenders,<br>Metal and Plastic                  | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514081                    | Multiple Machine Tool Setters,<br>Operators, and Tenders,<br>Metal and Plastic                                        | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers | 514111                    | Tool and Die Makers                                                                                                   | 2           | Craftsperson |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category | Midlevel<br>O*NET<br>code | Midlevel O*NET category                      | Specific<br>O*NET<br>code | Specific O*NET category                                                                 | ELS<br>Code | ELS category |
|--------------------------|------------------------|---------------------------|----------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------|-------------|--------------|
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514121                    | Welders, Cutters, Solderers,<br>and Brazers                                             | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514122                    | Welding, Soldering, and<br>Brazing Machine Setters,<br>Operators, and Tenders           | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514191                    | Heat Treating Equipment<br>Setters, Operators, and<br>Tenders, Metal and<br>Plastic     | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514192                    | Layout Workers, Metal and<br>Plastic                                                    | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514192                    | Lay-Out Workers, Metal and<br>Plastic                                                   | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514193                    | Plating and Coating Machine<br>Setters, Operators, and<br>Tenders, Metal and<br>Plastic | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514194                    | Tool Grinders, Filers, and<br>Sharpeners                                                | 8           | Operative    |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514199                    | Metal Workers and Plastic<br>Workers, All Other                                         | 2           | Craftsperson |
| 51                       | Production Occupations | 514                       | Metal Workers and Plastic Workers            | 514199                    | Metal Workers and Plastic<br>Workers, All Other                                         | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515011                    | Bindery Workers                                                                         | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515021                    | Job Printers                                                                            | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515022                    | Prepress Technicians and<br>Workers                                                     | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515023                    | Printing Machine Operators                                                              | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515111                    | Prepress Technicians and<br>Workers                                                     | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515112                    | Printing Press Operators                                                                | 8           | Operative    |
| 51                       | Production Occupations | 515                       | Printing Workers                             | 515113                    | Print Binding and Finishing<br>Workers                                                  | 8           | Operative    |
| 51                       | Production Occupations | 516                       | Textile, Apparel, and Furnishings<br>Workers | 516011                    | Laundry and Dry-Cleaning<br>Workers                                                     | 15          | Service      |
| 51                       | Production Occupations | 516                       | Textile, Apparel, and Furnishings<br>Workers | 516021                    | Pressers, Textile, Garment,<br>and Related Materials                                    | 15          | Service      |
| 51                       | Production Occupations | 516                       | Textile, Apparel, and Furnishings<br>Workers | 516031                    | Sewing Machine Operators                                                                | 8           | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General O*NET code | General O*NET category | Midlevel O*NET code | Midlevel O*NET category                   | Specific O*NET code | Specific O*NET category                                                                   | ELS Code | ELS category |
|--------------------|------------------------|---------------------|-------------------------------------------|---------------------|-------------------------------------------------------------------------------------------|----------|--------------|
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516042              | Shoe Machine Operators and Tenders                                                        | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516051              | Sewers, Hand                                                                              | 2        | Craftsperson |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516052              | Tailors, Dressmakers, and Custom Sewers                                                   | 2        | Craftsperson |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516062              | Textile Cutting Machine Setters, Operators, and Tenders                                   | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516063              | Textile Knitting and Weaving Machine Setters, Operators, and Tenders                      | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516064              | Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders        | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516091              | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516092              | Fabric and Apparel Patternmakers                                                          | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516093              | Upholsterers                                                                              | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516099              | Textile, Apparel, and Furnishings Workers, All Other                                      | 2        | Craftsperson |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516099              | Textile, Apparel, and Furnishings Workers, All Other                                      | 8        | Operative    |
| 51                 | Production Occupations | 516                 | Textile, Apparel, and Furnishings Workers | 516099              | Textile, Apparel, and Furnishings Workers, All Other                                      | 15       | Service      |
| 51                 | Production Occupations | 517                 | Woodworkers                               | 517011              | Cabinetmakers and Bench Carpenters                                                        | 2        | Craftsperson |
| 51                 | Production Occupations | 517                 | Woodworkers                               | 517021              | Furniture Finishers                                                                       | 2        | Craftsperson |
| 51                 | Production Occupations | 517                 | Woodworkers                               | 517031              | Model Makers, Wood                                                                        | 2        | Craftsperson |
| 51                 | Production Occupations | 517                 | Woodworkers                               | 517032              | Patternmakers, Wood                                                                       | 2        | Craftsperson |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category | Midlevel<br>O*NET<br>code | Midlevel O*NET category      | Specific<br>O*NET<br>code | Specific O*NET category                                                                                      | ELS<br>Code | ELS category |
|--------------------------|------------------------|---------------------------|------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------|-------------|--------------|
| 51                       | Production Occupations | 517                       | Woodworkers                  | 517041                    | Sawing Machine Setters,<br>Operators, and Tenders,<br>Wood                                                   | 8           | Operative    |
| 51                       | Production Occupations | 517                       | Woodworkers                  | 517042                    | Woodworking Machine<br>Setters, Operators, and<br>Tenders, Except Sawing                                     | 8           | Operative    |
| 51                       | Production Occupations | 517                       | Woodworkers                  | 517099                    | Woodworkers, All Other                                                                                       | 2           | Craftsperson |
| 51                       | Production Occupations | 517                       | Woodworkers                  | 517099                    | Woodworkers, All Other                                                                                       | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518011                    | Nuclear Power Reactor<br>Operators                                                                           | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518012                    | Power Distributors and<br>Dispatchers                                                                        | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518013                    | Power Plant Operators                                                                                        | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518021                    | Stationary Engineers and<br>Boiler Operators                                                                 | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518031                    | Water and Liquid Waste<br>Treatment Plant and<br>System Operators                                            | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518031                    | Water and Wastewater<br>Treatment Plant and<br>System Operators                                              | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518091                    | Chemical Plant and System<br>Operators                                                                       | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518092                    | Gas Plant Operators                                                                                          | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518093                    | Petroleum Pump System<br>Operators, Refinery<br>Operators, and Gaugers                                       | 8           | Operative    |
| 51                       | Production Occupations | 518                       | Plant and System Operators   | 518099                    | Plant and System Operators,<br>All Other                                                                     | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519011                    | Chemical Equipment<br>Operators and Tenders                                                                  | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519012                    | Separating, Filtering,<br>Clarifying, Precipitating,<br>and Still Machine Setters,<br>Operators, and Tenders | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519021                    | Crushing, Grinding, and<br>Polishing Machine<br>Setters, Operators, and<br>Tenders                           | 8           | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category | Midlevel<br>O*NET<br>code | Midlevel O*NET category      | Specific<br>O*NET<br>code | Specific O*NET category                                                                       | ELS<br>Code | ELS category |
|--------------------------|------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------------------------------------------------------------------|-------------|--------------|
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519022                    | Grinding and Polishing<br>Workers, Hand                                                       | 5           | Laborer      |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519023                    | Mixing and Blending Machine<br>Setters, Operators, and<br>Tenders                             | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519031                    | Cutters and Trimmers, Hand                                                                    | 5           | Laborer      |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519032                    | Cutting and Slicing Machine<br>Setters, Operators, and<br>Tenders                             | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519041                    | Extruding, Forming, Pressing,<br>and Compacting Machine<br>Setters, Operators, and<br>Tenders | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519061                    | Inspectors, Testers, Sorters,<br>Samplers, and Weighers                                       | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519071                    | Jewelers and Precious Stone<br>and Metal Workers                                              | 2           | Craftsperson |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519081                    | Dental Laboratory Technicians                                                                 | 16          | Technical    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519082                    | Medical Appliance<br>Technicians                                                              | 16          | Technical    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519083                    | Ophthalmic Laboratory<br>Technicians                                                          | 16          | Technical    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519111                    | Packaging and Filling Machine<br>Operators and Tenders                                        | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519121                    | Coating, Painting, and<br>Spraying Machine<br>Setters, Operators, and<br>Tenders              | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519122                    | Painters, Transportation<br>Equipment                                                         | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519123                    | Painting, Coating, and<br>Decorating Workers                                                  | 2           | Craftsperson |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519131                    | Photographic Process<br>Workers                                                               | 15          | Service      |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519132                    | Photographic Processing<br>Machine Operators                                                  | 8           | Operative    |
| 51                       | Production Occupations | 519                       | Other Production Occupations | 519151                    | Photographic Process<br>Workers and Processing<br>Machine Operators                           | 8           | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                      | Specific<br>O*NET<br>code | Specific O*NET category                                                                  | ELS<br>Code | ELS category           |
|--------------------------|---------------------------------------------------|---------------------------|--------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------|-------------|------------------------|
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519191                    | Adhesive Bonding Machine<br>Operators and Tenders                                        | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519191                    | Cementing and Gluing<br>Machine Operators and<br>Tenders                                 | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519192                    | Cleaning, Washing, and Metal<br>Pickling Equipment<br>Operators and Tenders              | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519193                    | Cooling and Freezing<br>Equipment Operators and<br>Tenders                               | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519194                    | Etchers and Engravers                                                                    | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519195                    | Molders, Shapers, and<br>Casters, Except Metal<br>and Plastic                            | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519196                    | Paper Goods Machine<br>Setters, Operators, and<br>Tenders                                | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519197                    | Tire Builders                                                                            | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519198                    | Helpers--Production Workers                                                              | 5           | Laborer                |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519199                    | Production Workers, All Other                                                            | 2           | Craftsperson           |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519199                    | Production Workers, All Other                                                            | 5           | Laborer                |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519199                    | Production Workers, All Other                                                            | 8           | Operative              |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519199                    | Production Workers, All Other                                                            | 15          | Service                |
| 51                       | Production Occupations                            | 519                       | Other Production Occupations                                 | 519199                    | Production Workers, All Other                                                            | 16          | Technical              |
| 53                       | Transportation and Material<br>Moving Occupations | 531                       | Supervisors of Transportation and<br>Material Moving Workers | 531011                    | Aircraft Cargo Handling<br>Supervisors                                                   | 6           | Manager, administrator |
| 53                       | Transportation and Material<br>Moving Occupations | 531                       | Supervisors, Transportation and<br>Material Moving Workers   | 531011                    | Aircraft Cargo Handling<br>Supervisors                                                   | 6           | Manager, administrator |
| 53                       | Transportation and Material<br>Moving Occupations | 531                       | Supervisors of Transportation and<br>Material Moving Workers | 531021                    | First-Line Supervisors of<br>Helpers, Laborers, and<br>Material Movers, Hand             | 6           | Manager, administrator |
| 53                       | Transportation and Material<br>Moving Occupations | 531                       | Supervisors, Transportation and<br>Material Moving Workers   | 531021                    | First-Line<br>Supervisors/Managers of<br>Helpers, Laborers, and<br>Material Movers, Hand | 6           | Manager, administrator |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category                         | Midlevel O*NET code | Midlevel O*NET category                                   | Specific O*NET code | Specific O*NET category                                                                             | ELS Code | ELS category           |
|--------------------|------------------------------------------------|---------------------|-----------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------|----------|------------------------|
| 53                 | Transportation and Material Moving Occupations | 531                 | Supervisors of Transportation and Material Moving Workers | 531031              | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators          | 6        | Manager, administrator |
| 53                 | Transportation and Material Moving Occupations | 531                 | Supervisors, Transportation and Material Moving Workers   | 531031              | First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators | 6        | Manager, administrator |
| 53                 | Transportation and Material Moving Occupations | 532                 | Air Transportation Workers                                | 532011              | Airline Pilots, Copilots, and Flight Engineers                                                      | 9        | Professional A         |
| 53                 | Transportation and Material Moving Occupations | 532                 | Air Transportation Workers                                | 532012              | Commercial Pilots                                                                                   | 9        | Professional A         |
| 53                 | Transportation and Material Moving Occupations | 532                 | Air Transportation Workers                                | 532021              | Air Traffic Controllers                                                                             | 9        | Professional A         |
| 53                 | Transportation and Material Moving Occupations | 532                 | Air Transportation Workers                                | 532022              | Airfield Operations Specialists                                                                     | 9        | Professional A         |
| 53                 | Transportation and Material Moving Occupations | 532                 | Air Transportation Workers                                | 532031              | Flight Attendants                                                                                   | 15       | Service                |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533000              | Motor Vehicle Operators                                                                             | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533011              | Ambulance Drivers and Attendants, Except Emergency Medical Technicians                              | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533021              | Bus Drivers, Transit and Intercity                                                                  | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533022              | Bus Drivers, School                                                                                 | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533022              | Bus Drivers, School or Special Client                                                               | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533031              | Driver/Sales Workers                                                                                | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533032              | Heavy and Tractor-Trailer Truck Drivers                                                             | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533032              | Truck Drivers, Heavy and Tractor-Trailer                                                            | 8        | Operative              |
| 53                 | Transportation and Material Moving Occupations | 533                 | Motor Vehicle Operators                                   | 533033              | Light Truck or Delivery Services Drivers                                                            | 8        | Operative              |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category      | Specific<br>O*NET<br>code | Specific O*NET category                                | ELS<br>Code | ELS category   |
|--------------------------|---------------------------------------------------|---------------------------|------------------------------|---------------------------|--------------------------------------------------------|-------------|----------------|
| 53                       | Transportation and Material<br>Moving Occupations | 533                       | Motor Vehicle Operators      | 533033                    | Truck Drivers, Light or<br>Delivery Services           | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 533                       | Motor Vehicle Operators      | 533041                    | Taxi Drivers and Chauffeurs                            | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 533                       | Motor Vehicle Operators      | 533099                    | Motor Vehicle Operators, All<br>Other                  | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 534                       | Rail Transportation Workers  | 534011                    | Locomotive Engineers                                   | 9           | Professional A |
| 53                       | Transportation and Material<br>Moving Occupations | 534                       | Rail Transportation Workers  | 534021                    | Railroad Brake, Signal, and<br>Switch Operators        | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 534                       | Rail Transportation Workers  | 534031                    | Railroad Conductors and<br>Yardmasters                 | 9           | Professional A |
| 53                       | Transportation and Material<br>Moving Occupations | 534                       | Rail Transportation Workers  | 534099                    | Rail Transportation Workers,<br>All Other              | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 534                       | Rail Transportation Workers  | 534099                    | Rail Transportation Workers,<br>All Other              | 9           | Professional A |
| 53                       | Transportation and Material<br>Moving Occupations | 535                       | Water Transportation Workers | 535011                    | Sailors and Marine Oilers                              | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 535                       | Water Transportation Workers | 535021                    | Captains, Mates, and Pilots of<br>Water Vessels        | 9           | Professional A |
| 53                       | Transportation and Material<br>Moving Occupations | 535                       | Water Transportation Workers | 535022                    | Motorboat Operators                                    | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 535                       | Water Transportation Workers | 535031                    | Ship Engineers                                         | 9           | Professional A |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536011                    | Bridge and Lock Tenders                                | 8           | Operative      |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536021                    | Parking Lot Attendants                                 | 15          | Service        |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536031                    | Automotive and Watercraft<br>Service Attendants        | 15          | Service        |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536031                    | Service Station Attendants                             | 15          | Service        |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536041                    | Traffic Technicians                                    | 16          | Technical      |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536051                    | Transportation Inspectors                              | 1           | Clerical       |
| 53                       | Transportation and Material<br>Moving Occupations | 536                       | Other Transportation Workers | 536061                    | Transportation Attendants,<br>Except Flight Attendants | 15          | Service        |

Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued

| General O*NET code | General O*NET category                         | Midlevel O*NET code | Midlevel O*NET category      | Specific O*NET code | Specific O*NET category                                | ELS Code | ELS category |
|--------------------|------------------------------------------------|---------------------|------------------------------|---------------------|--------------------------------------------------------|----------|--------------|
| 53                 | Transportation and Material Moving Occupations | 536                 | Other Transportation Workers | 536099              | Transportation Workers, All Other                      | 1        | Clerical     |
| 53                 | Transportation and Material Moving Occupations | 536                 | Other Transportation Workers | 536099              | Transportation Workers, All Other                      | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 536                 | Other Transportation Workers | 536099              | Transportation Workers, All Other                      | 15       | Service      |
| 53                 | Transportation and Material Moving Occupations | 536                 | Other Transportation Workers | 536099              | Transportation Workers, All Other                      | 16       | Technical    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537011              | Conveyor Operators and Tenders                         | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537021              | Crane and Tower Operators                              | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537031              | Dredge Operators                                       | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537032              | Excavating and Loading Machine and Dragline Operators  | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537033              | Loading Machine Operators, Underground Mining          | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537041              | Hoist and Winch Operators                              | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537051              | Industrial Truck and Tractor Operators                 | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537061              | Cleaners of Vehicles and Equipment                     | 5        | Laborer      |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537062              | Laborers and Freight, Stock, and Material Movers, Hand | 5        | Laborer      |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537063              | Machine Feeders and Offbearers                         | 5        | Laborer      |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537064              | Packers and Packagers, Hand                            | 5        | Laborer      |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537071              | Gas Compressor and Gas Pumping Station Operators       | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537072              | Pump Operators, Except Wellhead Pumpers                | 8        | Operative    |
| 53                 | Transportation and Material Moving Occupations | 537                 | Material Moving Workers      | 537073              | Wellhead Pumpers                                       | 8        | Operative    |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category                            | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                              | Specific<br>O*NET<br>code | Specific O*NET category                      | ELS<br>Code | ELS category |
|--------------------------|---------------------------------------------------|---------------------------|----------------------------------------------------------------------|---------------------------|----------------------------------------------|-------------|--------------|
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537081                    | Refuse and Recyclable<br>Material Collectors | 5           | Laborer      |
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537111                    | Mine Shuttle Car Operators                   | 8           | Operative    |
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537111                    | Shuttle Car Operators                        | 8           | Operative    |
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537121                    | Tank Car, Truck, and Ship<br>Loaders         | 5           | Laborer      |
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537199                    | Material Moving Workers, All<br>Other        | 5           | Laborer      |
| 53                       | Transportation and Material<br>Moving Occupations | 537                       | Material Moving Workers                                              | 537199                    | Material Moving Workers, All<br>Other        | 8           | Operative    |
| 55                       | Military Specific Occupations                     | 550                       | NULL                                                                 | 550000                    | Military Specific Occupations                | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551011                    | Air Crew Officers                            | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551011                    | Air Crew Officers                            | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551012                    | Aircraft Launch and Recovery<br>Officers     | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551012                    | Aircraft Launch and Recovery<br>Officers     | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551013                    | Armored Assault Vehicle<br>Officers          | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551013                    | Armored Assault Vehicle<br>Officers          | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551014                    | Artillery and Missile Officers               | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551014                    | Artillery and Missile Officers               | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551015                    | Command and Control Center<br>Officers       | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551015                    | Command and Control Center<br>Officers       | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551016                    | Infantry Officers                            | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders/Managers | 551016                    | Infantry Officers                            | 7           | Military     |
| 55                       | Military Specific Occupations                     | 551                       | Military Officer Special and Tactical<br>Operations Leaders          | 551017                    | Special Forces Officers                      | 7           | Military     |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category        | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                            | Specific<br>O*NET<br>code | Specific O*NET category                                                      | ELS<br>Code | ELS category |
|--------------------------|-------------------------------|---------------------------|------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------|-------------|--------------|
| 55                       | Military Specific Occupations | 551                       | Military Officer Special and Tactical Operations Leaders/Managers                  | 551017                    | Special Forces Officers                                                      | 7           | Military     |
| 55                       | Military Specific Occupations | 551                       | Military Officer Special and Tactical Operations Leaders                           | 551019                    | Military Officer Special and Tactical Operations Leaders, All Other          | 7           | Military     |
| 55                       | Military Specific Occupations | 551                       | Military Officer Special and Tactical Operations Leaders/Managers                  | 551019                    | Military Officer Special and Tactical Operations Leaders/Managers, All Other | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisor/Managers                                   | 552011                    | First-Line Supervisors/Managers of Air Crew Members                          | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisors                                           | 552011                    | First-Line Supervisors of Air Crew Members                                   | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisor/Managers                                   | 552012                    | First-Line Supervisors/Managers of Weapons Specialists/Crew Members          | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisors                                           | 552012                    | First-Line Supervisors of Weapons Specialists/Crew Members                   | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisor/Managers                                   | 552013                    | First-Line Supervisors/Managers of All Other Tactical Operations Specialists | 7           | Military     |
| 55                       | Military Specific Occupations | 552                       | First-Line Enlisted Military Supervisors                                           | 552013                    | First-Line Supervisors of All Other Tactical Operations Specialists          | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members | 553011                    | Air Crew Members                                                             | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members | 553012                    | Aircraft Launch and Recovery Specialists                                     | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members | 553013                    | Armored Assault Vehicle Crew Members                                         | 7           | Military     |

**Table E-1. Occupational Crosswalk: O\*NET and ELS:2002 Classifications—Continued**

| General<br>O*NET<br>code | General O*NET category        | Midlevel<br>O*NET<br>code | Midlevel O*NET category                                                                  | Specific<br>O*NET<br>code | Specific O*NET category                                                                                 | ELS<br>Code | ELS category |
|--------------------------|-------------------------------|---------------------------|------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------|-------------|--------------|
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553014                    | Artillery and Missile Crew<br>Members                                                                   | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553015                    | Command and Control Center<br>Specialists                                                               | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553016                    | Infantry                                                                                                | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553017                    | Radar and Sonar Technicians                                                                             | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553018                    | Special Forces                                                                                          | 7           | Military     |
| 55                       | Military Specific Occupations | 553                       | Military Enlisted Tactical Operations<br>and Air/Weapons Specialists<br>and Crew Members | 553019                    | Military Enlisted Tactical<br>Operations and Air/<br>Weapons Specialists and<br>Crew Members, All Other | 7           | Military     |

*This page left intentionally blank.*

## **Appendix F. Weight Adjustments**

---

*This page left intentionally blank.*

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 13,250                        | 83.55                  | 1.25                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 10,263                        | 83.11                  | 1.27                             |
| Catholic                                                         | 1,735                         | 89.69                  | 1.12                             |
| Other private                                                    | 1,252                         | 87.92                  | 1.24                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 4,535                         | 83.95                  | 1.26                             |
| Urban                                                            | 6,327                         | 83.22                  | 1.24                             |
| Rural                                                            | 2,388                         | 83.75                  | 1.24                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 2,369                         | 81.96                  | 1.28                             |
| Midwest                                                          | 3,398                         | 84.34                  | 1.21                             |
| South                                                            | 4,811                         | 84.08                  | 1.21                             |
| West                                                             | 2,672                         | 83.15                  | 1.33                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,585                         | 83.49                  | 1.24                             |
| 100–249                                                          | 3,415                         | 83.94                  | 1.20                             |
| 250–499                                                          | 4,232                         | 83.20                  | 1.26                             |
| ≥ 500                                                            | 3,018                         | 83.71                  | 1.29                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 887                           | 84.84                  | 1.30                             |
| Middle grades but no elementary                                  | 1,373                         | 84.15                  | 1.21                             |
| Only high school                                                 | 10,990                        | 83.42                  | 1.25                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 10,101                        | 83.26                  | 1.25                             |
| > or < 4                                                         | 3,149                         | 84.66                  | 1.24                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,460                         | 82.76                  | 1.23                             |
| 180 days                                                         | 7,366                         | 84.02                  | 1.25                             |
| More than 180 days                                               | 2,424                         | 83.13                  | 1.26                             |
| Minutes per class period                                         |                               |                        |                                  |
| ≤ 45                                                             | 3,140                         | 82.45                  | 1.25                             |
| 46–50                                                            | 2,868                         | 83.50                  | 1.24                             |
| 51–80                                                            | 3,513                         | 83.98                  | 1.27                             |
| ≥ 81                                                             | 3,729                         | 83.83                  | 1.23                             |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------|-------------------------------|------------------------|----------------------------------|
| Class periods per day        |                               |                        |                                  |
| 1–4                          | 3,862                         | 84.05                  | 1.23                             |
| 5–6                          | 3,206                         | 83.51                  | 1.28                             |
| 7                            | 3,622                         | 83.33                  | 1.23                             |
| 8–9                          | 2,560                         | 82.97                  | 1.25                             |
| IEP percentage               |                               |                        |                                  |
| <= 5 percent                 | 5,269                         | 85.29                  | 1.21                             |
| 6–10 percent                 | 3,336                         | 82.98                  | 1.26                             |
| 11–15 percent                | 2,942                         | 83.26                  | 1.26                             |
| > 15 percent                 | 1,703                         | 82.19                  | 1.32                             |
| LEP percentage               |                               |                        |                                  |
| 0 percent                    | 5,795                         | 84.64                  | 1.21                             |
| 1 percent                    | 2,649                         | 84.82                  | 1.23                             |
| 2–5 percent                  | 2,202                         | 83.52                  | 1.25                             |
| >= 6 percent                 | 2,604                         | 80.81                  | 1.36                             |
| Free or reduced-price lunch  |                               |                        |                                  |
| 0 percent                    | 2,450                         | 88.15                  | 1.17                             |
| 1–10 percent                 | 3,037                         | 85.24                  | 1.22                             |
| 11–30 percent                | 3,972                         | 83.91                  | 1.27                             |
| >= 31 percent                | 3,791                         | 80.61                  | 1.29                             |
| Number of full-time teachers |                               |                        |                                  |
| 1–40                         | 3,453                         | 83.61                  | 1.21                             |
| 41–70                        | 3,348                         | 83.49                  | 1.23                             |
| 71–100                       | 3,397                         | 83.99                  | 1.28                             |
| > 100                        | 3,052                         | 83.06                  | 1.27                             |
| Number of part-time teachers |                               |                        |                                  |
| 0–1                          | 3,756                         | 81.32                  | 1.28                             |
| 2–3                          | 3,809                         | 83.59                  | 1.25                             |
| 4–6                          | 3,255                         | 84.52                  | 1.24                             |
| >= 7                         | 2,430                         | 86.11                  | 1.20                             |
| Full-time teachers certified |                               |                        |                                  |
| 0–90 percent                 | 3,427                         | 85.13                  | 1.23                             |
| 91–99 percent                | 2,348                         | 83.19                  | 1.25                             |
| 100 percent                  | 7,475                         | 83.26                  | 1.25                             |
| School coeducational status  |                               |                        |                                  |
| Coeducational school         | 12,548                        | 83.42                  | 1.25                             |
| All-female school            | 336                           | 91.44                  | 1.08                             |
| All-male school              | 366                           | 87.97                  | 1.14                             |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                       | Number of<br>responding<br>students | Weighted<br>response rate | Average weight<br>adjustment<br>factor |
|-------------------------------------------------|-------------------------------------|---------------------------|----------------------------------------|
| Total enrollment                                |                                     |                           |                                        |
| 0–600 students                                  | 3,124                               | 83.19                     | 1.23                                   |
| 601–1,200 students                              | 3,991                               | 83.53                     | 1.23                                   |
| 1,201–1,800 students                            | 3,019                               | 83.98                     | 1.23                                   |
| > 1,800 students                                | 3,116                               | 83.37                     | 1.30                                   |
| Asian 10th-grade enrollment                     |                                     |                           |                                        |
| <= 2 percent                                    | 5,170                               | 83.91                     | 1.21                                   |
| > 2 percent                                     | 8,080                               | 83.31                     | 1.27                                   |
| Black or African American 10th-grade enrollment |                                     |                           |                                        |
| <= 4 percent                                    | 4,565                               | 84.64                     | 1.23                                   |
| > 4 percent                                     | 8,685                               | 82.97                     | 1.26                                   |
| Hispanic or Latino 10th-grade enrollment        |                                     |                           |                                        |
| <= 3 percent                                    | 5,190                               | 85.66                     | 1.20                                   |
| > 3 percent                                     | 8,060                               | 82.27                     | 1.28                                   |
| All other races 10th-grade enrollment           |                                     |                           |                                        |
| <= 80 percent                                   | 6,479                               | 82.34                     | 1.29                                   |
| 80 percent                                      | 6,771                               | 84.81                     | 1.21                                   |
| Sex                                             |                                     |                           |                                        |
| Male                                            | 6,271                               | 80.11                     | 1.31                                   |
| Female                                          | 6,979                               | 86.92                     | 1.19                                   |
| Race/ethnicity                                  |                                     |                           |                                        |
| Asian                                           | 1,885                               | 78.78                     | 1.28                                   |
| Black or African American                       | 1,310                               | 83.75                     | 1.35                                   |
| Hispanic or Latino                              | 1,702                               | 81.12                     | 1.24                                   |
| All other races                                 | 8,353                               | 85.24                     | 1.22                                   |
| Family Composition                              |                                     |                           |                                        |
| Mother and Father                               | 8,105                               | 85.80                     | 1.22                                   |
| Mother and male guardian                        | 1,530                               | 80.78                     | 1.29                                   |
| Father and female guardian                      | 394                                 | 75.85                     | 1.34                                   |
| Two guardians                                   | 212                                 | 76.60                     | 1.36                                   |
| Mother only                                     | 2,296                               | 81.75                     | 1.25                                   |
| Father only                                     | 372                                 | 79.59                     | 1.33                                   |
| Female guardian only                            | 162                                 | 73.62                     | 1.34                                   |
| Male guardian only                              | 38                                  | 75.51                     | 1.47                                   |
| Lives with student less than half the year      | 141                                 | 88.18                     | 1.17                                   |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                | Number of<br>responding<br>students | Weighted<br>response rate | Average weight<br>adjustment<br>factor |
|------------------------------------------|-------------------------------------|---------------------------|----------------------------------------|
| Parental education                       |                                     |                           |                                        |
| Did not finish high school               | 775                                 | 76.84                     | 1.35                                   |
| Graduated from high school               | 2,503                               | 78.65                     | 1.32                                   |
| Attended 2-year school, no degree        | 1,398                               | 82.28                     | 1.26                                   |
| Graduated from 2-year school             | 1,362                               | 82.99                     | 1.26                                   |
| Attended college, no 4-year degree       | 1,492                               | 83.21                     | 1.23                                   |
| Graduated from college                   | 3,051                               | 85.96                     | 1.23                                   |
| Completed master's degree or equivalent  | 1,682                               | 90.70                     | 1.20                                   |
| Completed PhD, MD, other advanced degree | 987                                 | 91.49                     | 1.12                                   |
| Mother's occupation                      |                                     |                           |                                        |
| No job for pay                           | 489                                 | 83.02                     | 1.32                                   |
| Clerical                                 | 2,149                               | 84.09                     | 1.25                                   |
| Craftsperson                             | 291                                 | 78.87                     | 1.36                                   |
| Farmer, farm manager, or laborer         | 636                                 | 79.85                     | 1.29                                   |
| Homemaker                                | 686                                 | 77.64                     | 1.43                                   |
| Manager, administrator                   | 1,423                               | 84.02                     | 1.22                                   |
| Military or protective service           | 116                                 | 85.80                     | 1.19                                   |
| Operative                                | 534                                 | 82.70                     | 1.22                                   |
| Professional a                           | 1,957                               | 87.50                     | 1.17                                   |
| Professional b                           | 538                                 | 87.84                     | 1.15                                   |
| Proprietor, owner                        | 317                                 | 82.08                     | 1.25                                   |
| Sales                                    | 557                                 | 81.03                     | 1.31                                   |
| School teacher                           | 897                                 | 88.42                     | 1.19                                   |
| Service                                  | 2,012                               | 82.03                     | 1.27                                   |
| Technical                                | 648                                 | 82.94                     | 1.27                                   |
| Father's occupation                      |                                     |                           |                                        |
| No job for pay                           | 132                                 | 81.50                     | 1.41                                   |
| Clerical                                 | 311                                 | 83.18                     | 1.28                                   |
| Craftsperson                             | 1,675                               | 81.01                     | 1.29                                   |
| Farmer, farm manager, or laborer         | 248                                 | 82.98                     | 1.32                                   |
| Homemaker                                | 309                                 | 74.24                     | 1.37                                   |
| Laborer                                  | 1,323                               | 80.08                     | 1.28                                   |
| Manager, administrator                   | 1,990                               | 86.29                     | 1.22                                   |
| Military                                 | 178                                 | 87.04                     | 1.18                                   |
| Operative                                | 1,477                               | 80.79                     | 1.27                                   |
| Professional a                           | 1,472                               | 87.32                     | 1.19                                   |
| Professional b                           | 846                                 | 89.16                     | 1.14                                   |
| Proprietor, owner                        | 794                                 | 82.40                     | 1.24                                   |
| Proprietor, service                      | 445                                 | 84.66                     | 1.26                                   |
| Sales                                    | 687                                 | 85.71                     | 1.26                                   |
| School teacher                           | 197                                 | 90.55                     | 1.17                                   |
| Service                                  | 532                                 | 82.62                     | 1.26                                   |
| Technical                                | 634                                 | 86.02                     | 1.24                                   |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                      | Number of responding students | Weighted response rate | Average weight adjustment factor |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Socioeconomic status (SES)                                                                                                                                                                                                     |                               |                        |                                  |
| Lowest quartile                                                                                                                                                                                                                | 2,978                         | 77.86                  | 1.33                             |
| Second quartile                                                                                                                                                                                                                | 3,107                         | 82.80                  | 1.27                             |
| Third quartile                                                                                                                                                                                                                 | 3,223                         | 84.10                  | 1.24                             |
| Highest quartile                                                                                                                                                                                                               | 3,942                         | 89.53                  | 1.17                             |
| English as native language                                                                                                                                                                                                     |                               |                        |                                  |
| English is not the student's native language                                                                                                                                                                                   | 2,208                         | 79.10                  | 1.32                             |
| English is the student's native language                                                                                                                                                                                       | 11,042                        | 84.28                  | 1.23                             |
| 10th-grade cohort status                                                                                                                                                                                                       |                               |                        |                                  |
| Not sophomore cohort member                                                                                                                                                                                                    | 117                           | 75.17                  | 1.38                             |
| Sophomore cohort member                                                                                                                                                                                                        | 13,133                        | 83.65                  | 1.25                             |
| 12th-grade cohort status                                                                                                                                                                                                       |                               |                        |                                  |
| Not senior cohort member                                                                                                                                                                                                       | 1,598                         | 76.71                  | 1.37                             |
| Senior cohort member                                                                                                                                                                                                           | 11,652                        | 84.76                  | 1.23                             |
| Income                                                                                                                                                                                                                         |                               |                        |                                  |
| \$1,000 or less                                                                                                                                                                                                                | 188                           | 74.17                  | 1.35                             |
| \$1,001 to \$5,000                                                                                                                                                                                                             | 237                           | 81.81                  | 1.29                             |
| \$5,001 to \$10,000                                                                                                                                                                                                            | 272                           | 77.84                  | 1.34                             |
| \$10,001 to \$15,000                                                                                                                                                                                                           | 534                           | 78.74                  | 1.33                             |
| \$15,001 to \$20,000                                                                                                                                                                                                           | 599                           | 78.64                  | 1.32                             |
| \$20,001 to \$25,000                                                                                                                                                                                                           | 772                           | 80.59                  | 1.32                             |
| \$25,001 to \$35,000                                                                                                                                                                                                           | 1,509                         | 82.59                  | 1.26                             |
| \$35,001 to \$50,000                                                                                                                                                                                                           | 2,434                         | 82.49                  | 1.25                             |
| \$50,001 to \$75,000                                                                                                                                                                                                           | 2,769                         | 85.23                  | 1.23                             |
| \$75,001 to \$100,000                                                                                                                                                                                                          | 1,861                         | 87.35                  | 1.22                             |
| \$100,001 to \$200,000                                                                                                                                                                                                         | 1,563                         | 86.61                  | 1.18                             |
| \$200,001 or more                                                                                                                                                                                                              | 512                           | 87.09                  | 1.16                             |
| CHAID nodes                                                                                                                                                                                                                    |                               |                        |                                  |
| CHAID node 1 = parent completed Master's degree or higher; home language unknown                                                                                                                                               | 46                            | 81.34                  | 1.23                             |
| CHAID node 2 = parent completed Master's degree or higher; Spanish is home language                                                                                                                                            | 77                            | 71.14                  | 1.41                             |
| CHAID nodes—Continued                                                                                                                                                                                                          |                               |                        |                                  |
| CHAID node 3 = parent completed Master's degree or higher; home language consists of at least one of the following: other European language, West/South Asian language, Pacific Asian/Southeast Asian language, Other language | 288                           | 88.89                  | 1.25                             |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                               | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                                   |                               |                        |                                  |
| CHAID node 4 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: public southeast or public far west or public rocky mountains or public new england                                  | 714                           | 74.85                  | 1.42                             |
| CHAID node 5 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: public southwest or public plains or public mid-east or public great lakes or private southeast or private northeast | 1,111                         | 81.28                  | 1.26                             |
| CHAID node 6 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: private west or private north central                                                                                | 203                           | 90.9                   | 1.28                             |
| CHAID node 7 = Parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = female; family income < 1,000 or 5,001–25,000 or 50,001–75,000 or 100,001–200,000                                                             | 1,098                         | 83.92                  | 1.23                             |
| CHAID node 8 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = female; family income 1,001–5,000 or 25,001–50,000 or 75,001–100,000 or > 200,000                                                             | 1,126                         | 90.00                  | 1.14                             |
| CHAID node 9 = parent finished high school/GED or did not finish high school; sex = male; schtype/region is: public southeast or public far west or private southeast or private northeast or private north central                                     | 508                           | 79.75                  | 1.33                             |
| CHAID node 10 = parent finished high school/GED or did not finish high school; sex = male; schtype/region is: public rocky mountain or public southwest or public new england or public plains or public mid-east or public great lakes or private west | 981                           | 71.39                  | 1.42                             |
| CHAID node 11 = parent finished high school/GED or did not finish high school; sex = female; race is Asian, Hawaii/Pac. Islander (non-Hispanic) or Black/African American (non-Hispanic) or Hispanic (no race specified)                                | 660                           | 82.05                  | 1.27                             |
| CHAID node 12 = parent finished high school/GED or did not finish high school; sex = female; race is Amer. Indian/Alaska Native (non-Hispanic) or White, non-Hispanic                                                                                   | 880                           | 85.89                  | 1.25                             |

See notes at end of table.

**Table F-1. Average weight adjustment factors used to adjust the cross-sectional weight F3QWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                  | Number of<br>responding<br>students | Weighted<br>response rate | Average weight<br>adjustment<br>factor |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|----------------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                      |                                     |                           |                                        |
| CHAID node 13 = parent finished high school/GED or did not finish high school; sex = female; race is Hispanic (race specified) or more than one race (non-Hispanic)                                                                        | 249                                 | 71.27                     | 1.39                                   |
| CHAID node 14 = parent graduated from college; family composition is father only or father and female guardian or two guardians or male guardian only; asian 10th-grade enrollment <= 2 percent                                            | 95                                  | 79.84                     | 1.28                                   |
| CHAID node 15 = parent graduated from college; family composition is father only or father and female guardian or two guardians or male guardian only; asian 10th-grade enrollment > 2 percent                                             | 114                                 | 66.41                     | 1.57                                   |
| CHAID node 16 = parent graduated from college; family composition is mother and father or mother only or female guardian only or mother and male guardian or lives with student less than half time; student is a senior cohort member     | 2,610                               | 88.11                     | 1.20                                   |
| CHAID node 17 = parent graduated from college; family composition is mother and father or mother only or female guardian only or mother and male guardian or lives with student less than half time; student is not a senior cohort member | 232                                 | 78.64                     | 1.35                                   |
| CHAID node 18 = parent completed Master's degree or higher; English is home language; enrollment status is: enrolled BY school or graduated early/early GED                                                                                | 2,014                               | 93.03                     | 1.14                                   |
| CHAID node 19 = parent completed Master's degree or higher; English is home language; enrollment status is: dropped out or enrolled transfer school or out of scope or homeschooled                                                        | 244                                 | 83.84                     | 1.21                                   |

**Table F-2. Average weight adjustment factors for calibrating the cross-sectional weight F3QWT to control totals, by selected characteristics: 2012**

| Model variables                             | Control total | Average weight adjustment factor |
|---------------------------------------------|---------------|----------------------------------|
| Total                                       | 3,408,074     | 1.02                             |
| Census Region                               |               |                                  |
| Northeast                                   | 632,963       | 1.05                             |
| Midwest                                     | 824,166       | 1.02                             |
| South                                       | 1,175,469     | 1.01                             |
| West                                        | 775,476       | 1.01                             |
| School sector                               |               |                                  |
| Public                                      | 3,146,720     | 1.02                             |
| Catholic                                    | 143,987       | 1.03                             |
| Other private                               | 117,367       | 1.06                             |
| Sex                                         |               |                                  |
| Male                                        | 1,700,271     | 1.02                             |
| Female                                      | 1,707,803     | 1.03                             |
| Race/ethnicity                              |               |                                  |
| Asian                                       | 558,924       | 1.02                             |
| Black or African American                   | 145,117       | 1.02                             |
| Hispanic or Latino                          | 488,192       | 1.03                             |
| All other races                             | 2,215,841     | 1.02                             |
| 10th-grade cohort status                    |               |                                  |
| Not sophomore cohort member                 | 49,370        | 1.02                             |
| Sophomore cohort member                     | 3,358,704     | 1.02                             |
| 12th-grade cohort status                    |               |                                  |
| Not senior cohort member                    | 472,971       | 0.91                             |
| Senior cohort member                        | 2,935,103     | 1.04                             |
| 10th-grade cohort status and race/ethnicity |               |                                  |
| Not sophomore cohort, Hispanic              | 17,322        | 1.16                             |
| Asian nonsophomore cohort member            | 4,129         | 1.18                             |
| Black nonsophomore cohort member            | 5,513         | 1.11                             |
| White/other nonsophomore cohort member      | 22,406        | 0.85                             |
| Asian sophomore cohort member               | 541,602       | 1.02                             |
| Black sophomore cohort member               | 140,988       | 1.01                             |
| Hispanic sophomore cohort member            | 482,679       | 1.03                             |
| White/other sophomore cohort member         | 2,193,435     | 1.02                             |

See notes at end of table.

**Table F-2. Average weight adjustment factors for calibrating the cross-sectional weight F3QWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                                 | Control total | Average weight adjustment factor |
|-------------------------------------------------|---------------|----------------------------------|
| Region and 10th-grade cohort status             |               |                                  |
| Nonsophomore cohort member—Northeast            | 11,262        | 1.11                             |
| Nonsophomore cohort member—Midwest              | 6,747         | 0.82                             |
| Nonsophomore cohort member—South                | 18,843        | 1.09                             |
| Nonsophomore cohort member—West                 | 12,519        | 0.95                             |
| Sophomore cohort member—Northeast               | 621,702       | 1.05                             |
| Sophomore cohort member—Midwest                 | 817,419       | 1.03                             |
| Sophomore cohort member—South                   | 1,156,626     | 1.01                             |
| Sophomore cohort member—West                    | 762,957       | 1.01                             |
| School sector and 10th-grade cohort status      |               |                                  |
| Public school nonsophomore cohort member        | 46,430        | 1.01                             |
| Catholic school nonsophomore cohort member      | 50            | 1.02                             |
| Other private school nonsophomore cohort member | 2,890         | 1.10                             |
| Public school sophomore cohort member           | 3,100,290     | 1.02                             |
| Catholic school sophomore cohort member         | 143,937       | 1.03                             |
| Other private school sophomore cohort member    | 114,477       | 1.06                             |
| Sex and 10th-grade cohort status                |               |                                  |
| Male nonsophomore cohort member                 | 28,230        | 1.06                             |
| Female nonsophomore cohort member               | 21,140        | 0.98                             |
| Male sophomore cohort member                    | 1,672,041     | 1.02                             |
| Female sophomore cohort member                  | 1,686,663     | 1.03                             |
| 12th-grade cohort status and race/ethnicity     |               |                                  |
| Hispanic nonsenior cohort member                | 116,378       | 0.93                             |
| Asian nonsenior cohort member                   | 12,628        | 0.87                             |
| Black nonsenior cohort member                   | 97,848        | 0.90                             |
| White/other nonsenior cohort member             | 246,117       | 0.91                             |
| Asian senior cohort member                      | 442,546       | 1.05                             |
| Hispanic senior cohort member                   | 132,489       | 1.03                             |
| Black senior cohort member                      | 390,344       | 1.06                             |
| White/other senior cohort member                | 1,969,724     | 1.03                             |
| Region and 12th-grade cohort status             |               |                                  |
| Nonsenior cohort member—Northeast               | 77,466        | 1.02                             |
| Nonsenior cohort member—Midwest                 | 98,089        | 0.88                             |
| Nonsenior cohort member—South                   | 183,245       | 0.87                             |
| Nonsenior cohort member—West                    | 114,171       | 0.94                             |
| Senior cohort member—Northeast                  | 555,497       | 1.05                             |
| Senior cohort member—Midwest                    | 726,077       | 1.04                             |
| Senior cohort member—South                      | 992,224       | 1.04                             |
| Senior cohort member—West                       | 661,305       | 1.02                             |

See notes at end of table.

**Table F-2. Average weight adjustment factors for calibrating the cross-sectional weight F3QWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                              | Control total | Average weight adjustment factor |
|----------------------------------------------|---------------|----------------------------------|
| School sector and 12th-grade cohort status   |               |                                  |
| Public school nonsenior cohort member        | 460,128       | 0.91                             |
| Catholic school nonsenior cohort member      | 3,364         | 0.90                             |
| Other private school nonsenior cohort member | 9,479         | 0.91                             |
| Public school senior cohort member           | 2,686,592     | 1.03                             |
| Catholic school senior cohort member         | 140,623       | 1.03                             |
| Other private school senior cohort member    | 107,888       | 1.07                             |
| Sex and 12th-grade cohort status             |               |                                  |
| Male nonsenior cohort member                 | 257,538       | 0.89                             |
| Female nonsenior cohort member               | 215,433       | 0.92                             |
| Male senior cohort member                    | 1,442,733     | 1.03                             |
| Female senior cohort member                  | 1,492,370     | 1.04                             |

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 11,881                        | 89.25                  | 1.12                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 9,146                         | 89.12                  | 1.13                             |
| Catholic                                                         | 1,633                         | 94.43                  | 1.06                             |
| Other private                                                    | 1,102                         | 86.33                  | 1.15                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 3,931                         | 84.67                  | 1.16                             |
| Urban                                                            | 5,814                         | 91.97                  | 1.09                             |
| Rural                                                            | 2,136                         | 89.28                  | 1.12                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 2,042                         | 84.03                  | 1.19                             |
| Midwest                                                          | 3,123                         | 91.22                  | 1.09                             |
| South                                                            | 4,241                         | 87.98                  | 1.14                             |
| West                                                             | 2,475                         | 93.38                  | 1.08                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,282                         | 89.23                  | 1.13                             |
| 100–249                                                          | 3,156                         | 92.07                  | 1.09                             |
| 250–499                                                          | 3,883                         | 90.70                  | 1.11                             |
| >= 500                                                           | 2,560                         | 85.30                  | 1.18                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 764                           | 89.18                  | 1.14                             |
| Middle grades but no elementary                                  | 1,235                         | 90.83                  | 1.10                             |
| Only high school                                                 | 9,882                         | 89.12                  | 1.12                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 9,047                         | 88.68                  | 1.13                             |
| > or < 4                                                         | 2,834                         | 91.49                  | 1.10                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,146                         | 90.79                  | 1.11                             |
| 180 days                                                         | 6,537                         | 88.05                  | 1.14                             |
| More than 180 days                                               | 2,198                         | 90.92                  | 1.10                             |
| Minutes per class period                                         |                               |                        |                                  |
| <= 45                                                            | 2,715                         | 81.79                  | 1.21                             |
| 46–50                                                            | 2,601                         | 92.01                  | 1.08                             |
| 51–80                                                            | 3,221                         | 91.12                  | 1.09                             |
| >= 81                                                            | 3,344                         | 90.20                  | 1.12                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------|-------------------------------|------------------------|----------------------------------|
| Class periods per day        |                               |                        |                                  |
| 1–4                          | 3,455                         | 89.58                  | 1.12                             |
| 5–6                          | 2,925                         | 91.74                  | 1.09                             |
| 7                            | 3,172                         | 85.74                  | 1.17                             |
| 8–9                          | 2,329                         | 89.95                  | 1.10                             |
| IEP percentage               |                               |                        |                                  |
| <= 5 percent                 | 4,738                         | 89.05                  | 1.11                             |
| 6–10 percent                 | 2,971                         | 88.81                  | 1.13                             |
| 11–15 percent                | 2,697                         | 91.53                  | 1.10                             |
| > 15 percent                 | 1,475                         | 86.31                  | 1.17                             |
| LEP percentage               |                               |                        |                                  |
| 0 percent                    | 5,263                         | 91.05                  | 1.10                             |
| 1 percent                    | 2,369                         | 88.02                  | 1.14                             |
| 2–5 percent                  | 1,937                         | 87.71                  | 1.16                             |
| >= 6 percent                 | 2,312                         | 89.12                  | 1.13                             |
| Free or reduced-price lunch  |                               |                        |                                  |
| 0 percent                    | 2,192                         | 89.16                  | 1.12                             |
| 1–10 percent                 | 2,731                         | 88.96                  | 1.12                             |
| 11–30 percent                | 3,632                         | 90.83                  | 1.11                             |
| >= 31 percent                | 3,326                         | 87.69                  | 1.14                             |
| Number of full-time teachers |                               |                        |                                  |
| 1–40                         | 3,108                         | 89.34                  | 1.13                             |
| 41–70                        | 3,091                         | 92.79                  | 1.08                             |
| 71–100                       | 3,044                         | 88.58                  | 1.13                             |
| > 100                        | 2,638                         | 87.01                  | 1.16                             |
| Number of part-time teachers |                               |                        |                                  |
| 0–1                          | 3,195                         | 84.71                  | 1.19                             |
| 2–3                          | 3,533                         | 91.91                  | 1.09                             |
| 4–6                          | 2,960                         | 90.36                  | 1.11                             |
| >= 7                         | 2,193                         | 91.47                  | 1.10                             |
| Full-time teachers certified |                               |                        |                                  |
| 0–90 percent                 | 3,020                         | 86.19                  | 1.14                             |
| 91–99 percent                | 2,091                         | 87.75                  | 1.15                             |
| 100 percent                  | 6,770                         | 90.50                  | 1.11                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| School coeducational status                     |                               |                        |                                  |
| Coeducational school                            | 11,239                        | 89.19                  | 1.12                             |
| All-female school                               | 282                           | 85.49                  | 1.17                             |
| All-male school                                 | 360                           | 98.89                  | 1.02                             |
| Total enrollment                                |                               |                        |                                  |
| 0–600 students                                  | 2,838                         | 91.45                  | 1.11                             |
| 601–1,200 students                              | 3,652                         | 91.57                  | 1.09                             |
| 1,201–1,800 students                            | 2,706                         | 88.37                  | 1.14                             |
| > 1,800 students                                | 2,685                         | 86.51                  | 1.16                             |
| Asian 10th-grade enrollment                     |                               |                        |                                  |
| <= 2 percent                                    | 4,644                         | 88.30                  | 1.13                             |
| > 2 percent                                     | 7,237                         | 89.85                  | 1.12                             |
| Black or African American 10th-grade enrollment |                               |                        |                                  |
| <= 4 percent                                    | 4,208                         | 90.94                  | 1.11                             |
| > 4 percent                                     | 7,673                         | 88.36                  | 1.13                             |
| Hispanic or Latino 10th-grade enrollment        |                               |                        |                                  |
| <= 3 percent                                    | 4,784                         | 91.94                  | 1.09                             |
| > 3 percent                                     | 7,097                         | 87.62                  | 1.14                             |
| All other races 10th-grade enrollment           |                               |                        |                                  |
| <= 80 percent                                   | 5,691                         | 87.77                  | 1.15                             |
| 80 percent                                      | 6,190                         | 90.80                  | 1.10                             |
| Sex                                             |                               |                        |                                  |
| Male                                            | 5,629                         | 88.8                   | 1.12                             |
| Female                                          | 6,252                         | 89.7                   | 1.12                             |
| Race/ethnicity                                  |                               |                        |                                  |
| Asian                                           | 1,662                         | 86.53                  | 1.17                             |
| Black or African American                       | 1,176                         | 88.34                  | 1.13                             |
| Hispanic or Latino                              | 1,427                         | 83.61                  | 1.21                             |
| All other races                                 | 7,616                         | 91.23                  | 1.09                             |
| Family Composition                              |                               |                        |                                  |
| Mother and Father                               | 7,381                         | 90.85                  | 1.10                             |
| Mother and male guardian                        | 1,332                         | 86.64                  | 1.17                             |
| Father and female guardian                      | 342                           | 87.64                  | 1.13                             |
| Two guardians                                   | 186                           | 88.41                  | 1.12                             |
| Mother only                                     | 1,994                         | 86.08                  | 1.17                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                   | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Family Composition—Continued                |                               |                        |                                  |
| Father only                                 | 341                           | 91.23                  | 1.09                             |
| Female guardian only                        | 145                           | 90.43                  | 1.10                             |
| Male guardian only                          | 35                            | 90.78                  | 1.14                             |
| Lives with student less than half the year  | 125                           | 87.47                  | 1.14                             |
| Parental education                          |                               |                        |                                  |
| Did not finish high school                  | 685                           | 88.06                  | 1.13                             |
| Graduated from high school                  | 2,247                         | 89.23                  | 1.12                             |
| Attended 2-year school, no degree           | 1,247                         | 88.55                  | 1.13                             |
| Graduated from 2-year school                | 1,231                         | 90.00                  | 1.11                             |
| Attended college, no 4-year degree          | 1,315                         | 87.16                  | 1.15                             |
| Graduated from college                      | 2,767                         | 90.26                  | 1.12                             |
| Completed master's degree or equivalent     | 1,512                         | 89.77                  | 1.12                             |
| Completed Ph.D, M.D., other advanced degree | 877                           | 90.04                  | 1.10                             |
| Mother's occupation                         |                               |                        |                                  |
| No job for pay                              | 439                           | 89.56                  | 1.12                             |
| Clerical                                    | 1,940                         | 89.17                  | 1.12                             |
| Craftsperson                                | 263                           | 87.67                  | 1.15                             |
| Farmer, farm manager, or laborer            | 561                           | 87.96                  | 1.14                             |
| Homemaker                                   | 597                           | 86.84                  | 1.15                             |
| Manager, administrator                      | 1,286                         | 89.47                  | 1.12                             |
| Military or protective service              | 102                           | 84.99                  | 1.17                             |
| Operative                                   | 483                           | 90.73                  | 1.10                             |
| Professional a                              | 1,791                         | 91.70                  | 1.09                             |
| Professional b                              | 475                           | 88.04                  | 1.13                             |
| Proprietor, owner                           | 288                           | 90.79                  | 1.12                             |
| Sales                                       | 484                           | 86.57                  | 1.17                             |
| School teacher                              | 809                           | 90.75                  | 1.11                             |
| Service                                     | 1,788                         | 88.71                  | 1.13                             |
| Technical                                   | 575                           | 89.02                  | 1.12                             |
| Father's occupation                         |                               |                        |                                  |
| No job for pay                              | 116                           | 83.58                  | 1.18                             |
| Clerical                                    | 269                           | 85.12                  | 1.18                             |
| Craftsperson                                | 1,499                         | 89.03                  | 1.13                             |
| Farmer, farm manager, or laborer            | 226                           | 92.88                  | 1.08                             |
| Homemaker                                   | 272                           | 87.69                  | 1.12                             |
| Laborer                                     | 1,188                         | 88.94                  | 1.13                             |
| Manager, administrator                      | 1,798                         | 89.13                  | 1.12                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|----------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Father's occupation—Continued                |                               |                        |                                  |
| Military                                     | 159                           | 88.77                  | 1.16                             |
| Operative                                    | 1,325                         | 89.76                  | 1.11                             |
| Professional a                               | 1,334                         | 90.99                  | 1.10                             |
| Professional b                               | 753                           | 90.64                  | 1.10                             |
| Proprietor, owner                            | 717                           | 89.13                  | 1.12                             |
| Proprietor, service                          | 408                           | 89.24                  | 1.13                             |
| Sales                                        | 609                           | 88.83                  | 1.14                             |
| School teacher                               | 180                           | 90.52                  | 1.10                             |
| Service                                      | 459                           | 85.19                  | 1.16                             |
| Technical                                    | 569                           | 90.59                  | 1.11                             |
| Socioeconomic status (SES)                   |                               |                        |                                  |
| Lowest quartile                              | 2,640                         | 88.42                  | 1.14                             |
| Second quartile                              | 2,770                         | 88.63                  | 1.13                             |
| Third quartile                               | 2,875                         | 87.93                  | 1.14                             |
| Highest quartile                             | 3,596                         | 92.04                  | 1.09                             |
| English as native language                   |                               |                        |                                  |
| English is not the student's native language | 1,949                         | 85.73                  | 1.17                             |
| English is the student's native language     | 9,932                         | 89.84                  | 1.11                             |
| 10th-grade cohort status                     |                               |                        |                                  |
| Not sophomore cohort member                  | 111                           | 92.62                  | 1.07                             |
| Sophomore cohort member                      | 11,770                        | 89.21                  | 1.12                             |
| 12th-grade cohort status                     |                               |                        |                                  |
| Not senior cohort member                     | 1,257                         | 79.02                  | 1.27                             |
| Senior cohort member                         | 10,624                        | 90.85                  | 1.10                             |
| Income                                       |                               |                        |                                  |
| \$1,000 or less                              | 168                           | 88.96                  | 1.12                             |
| \$1,001 to \$5,000                           | 198                           | 82.82                  | 1.22                             |
| \$5,001 to \$10,000                          | 236                           | 86.49                  | 1.17                             |
| \$10,001 to \$15,000                         | 468                           | 85.67                  | 1.17                             |
| \$15,001 to \$20,000                         | 534                           | 88.60                  | 1.15                             |
| \$20,001 to \$25,000                         | 663                           | 85.49                  | 1.18                             |
| \$25,001 to \$35,000                         | 1,367                         | 89.98                  | 1.12                             |
| \$35,001 to \$50,000                         | 2,162                         | 88.50                  | 1.13                             |
| \$50,001 to \$75,000                         | 2,516                         | 89.97                  | 1.11                             |
| \$75,001 to \$100,000                        | 1,684                         | 90.77                  | 1.10                             |
| \$100,001 to \$200,000                       | 1,439                         | 92.56                  | 1.08                             |
| \$200,001 or more                            | 446                           | 88.54                  | 1.14                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                                                                               | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| <b>Enrollment Status</b>                                                                                                                                                                                                                                                                                |                               |                        |                                  |
| In school in grade                                                                                                                                                                                                                                                                                      | 10557                         | 90.87                  | 1.10                             |
| In school out of grade                                                                                                                                                                                                                                                                                  | 770                           | 79.65                  | 1.26                             |
| Out of school                                                                                                                                                                                                                                                                                           | 523                           | 78.96                  | 1.27                             |
| Out of scope                                                                                                                                                                                                                                                                                            | 31                            | 81.49                  | 1.22                             |
| <b>CHAID nodes</b>                                                                                                                                                                                                                                                                                      |                               |                        |                                  |
| CHAID node 1 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public far west or public rocky mountain or public great lakes or private north central or public southeast                                                                                                  | 3,417                         | 98.95                  | 1.01                             |
| CHAID node 2 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public far west or public plains or public mid-east or private northeast                                                                                                                                     | 3,557                         | 94.36                  | 1.07                             |
| CHAID node 3 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public new england or private southeast or private west                                                                                                                                                      | 2,252                         | 90.24                  | 1.10                             |
| CHAID node 4 = enrollment status for spring 2004 is dropped out or homeschooled; Black/African American 10th grade enrollment is <= 4%                                                                                                                                                                  | 129                           | 91.48                  | 1.10                             |
| CHAID node 5 = enrollment status for spring 2004 is dropped out or homeschooled; Black/African American 10th grade enrollment is > 4%; school urbanicity is suburban or rural                                                                                                                           | 249                           | 83.35                  | 1.21                             |
| CHAID node 6 = enrollment status for spring 2004 is dropped out or homeschooled; Black/African American 10th grade enrollment is > 4%; school urbanicity is urban                                                                                                                                       | 144                           | 69.87                  | 1.36                             |
| CHAID node 7 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades within the school = 1 or 4 or 6 or 13; schrace is public Black or other private Hispanic                                                                                                 | 125                           | 64.54                  | 1.64                             |
| CHAID node 8 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades within the school = 1 or 4 or 6 or 13; schrace is public Asian or public Hispanic or public White/Other or catholic Black                                                                | 580                           | 77.18                  | 1.29                             |
| CHAID node 9 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades within the school = 1 or 4 or 6 or 13; schrace is other private Asian or catholic White/Other or other private White/Other or catholic Hispanic or catholic Asian or other private Black | 182                           | 93.54                  | 1.07                             |

See notes at end of table.

**Table F-3. Average weight adjustment factors used to adjust the cross-sectional transcript weight F3QTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                                                                                  | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                                                                                      |                               |                        |                                  |
| CHAID node 10 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades within the school = 3 or 5 or 7 or 8 or 12;                                                                                                                                                | 95                            | 65.95                  | 1.47                             |
| CHAID node 11 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades within the school = 2 or 11 or 14;                                                                                                                                                         | 43                            | 55.23                  | 2.09                             |
| CHAID node 12 = enrollment status for spring 2004 is unknown; schtype/region is: public southeast or public southwest or public great lakes                                                                                                                                                                | 183                           | 76.36                  | 1.36                             |
| CHAID node 13 = enrollment status for spring 2004 is unknown; schtype/region is: public far west or private north central or private northeast                                                                                                                                                             | 212                           | 86.75                  | 1.28                             |
| CHAID node 14 = enrollment status for spring 2004 is unknown; schtype/region is: public rocky mountain or public mid-east or private southeast                                                                                                                                                             | 182                           | 62.81                  | 1.61                             |
| CHAID node 15 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; schrace is public Black or catholic Hispanic or catholic Asian or catholic White/Other or other private Hispanic or other private Asian or other private White/Other | 73                            | 48.65                  | 1.91                             |
| CHAID node 16 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; schrace is public Asian or public Hispanic or public White/Other                                                                                                     | 99                            | 42.39                  | 2.42                             |
| CHAID node 17 = enrollment status for spring 2004 is graduated early/early GED;                                                                                                                                                                                                                            | 359                           | 90.19                  | 1.12                             |

**Table F–4. Average weight adjustment factors for calibrating the cross-sectional transcript weight F3QTSCWT to control totals, by selected characteristics: 2012**

| Model variables                             | Control total | Average weight adjustment factor |
|---------------------------------------------|---------------|----------------------------------|
| Total                                       | 3,287,051     | 1.00                             |
| Census Region                               |               |                                  |
| Northeast                                   | 612,677       | 1.00                             |
| Midwest                                     | 798,909       | 1.00                             |
| South                                       | 1,131,379     | 1.00                             |
| West                                        | 744,086       | 1.00                             |
| School sector                               |               |                                  |
| Public                                      | 3,035,051     | 1.00                             |
| Catholic                                    | 140,081       | 1.00                             |
| Other private                               | 111,920       | 1.00                             |
| Sex                                         |               |                                  |
| Male                                        | 1,615,941     | 1.00                             |
| Female                                      | 1,671,110     | 1.00                             |
| Race/ethnicity                              |               |                                  |
| Asian                                       | 535,352       | 1.00                             |
| Black or African American                   | 138,104       | 1.00                             |
| Hispanic or Latino                          | 469,893       | 1.00                             |
| All other races                             | 2,143,702     | 1.00                             |
| 10th-grade cohort status                    |               |                                  |
| Not sophomore cohort member                 | 38,231        | 0.99                             |
| Sophomore cohort member                     | 3,248,820     | 1.00                             |
| 12th-grade cohort status                    |               |                                  |
| Not senior cohort member                    | 442,810       | 1.00                             |
| Senior cohort member                        | 2,844,241     | 1.00                             |
| 10th-grade cohort status and race/ethnicity |               |                                  |
| Not sophomore cohort, Hispanic              | 14,745        | 1.10                             |
| Asian nonsophomore cohort member            | 2,803         | 0.97                             |
| Black nonsophomore cohort member            | 4,494         | 0.84                             |
| White/other nonsophomore cohort member      | 16,189        | 0.98                             |
| Asian sophomore cohort member               | 520,607       | 1.00                             |
| Black sophomore cohort member               | 135,301       | 1.00                             |
| Hispanic sophomore cohort member            | 465,399       | 1.00                             |
| White/other sophomore cohort member         | 2,127,512     | 1.00                             |

See notes at end of table.

**Table F-4. Average weight adjustment factors for calibrating the cross-sectional transcript weight F3QTSCWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                                 | Control total | Average weight adjustment factor |
|-------------------------------------------------|---------------|----------------------------------|
| Region and 10th-grade cohort status             |               |                                  |
| Nonsophomore cohort member—Northeast            | 10,090        | 1.01                             |
| Nonsophomore cohort member—Midwest              | 4,514         | 0.96                             |
| Nonsophomore cohort member—South                | 13,733        | 1.02                             |
| Nonsophomore cohort member—West                 | 9,894         | 0.96                             |
| Sophomore cohort member—Northeast               | 602,588       | 1.00                             |
| Sophomore cohort member—Midwest                 | 794,395       | 1.00                             |
| Sophomore cohort member—South                   | 1,117,646     | 1.00                             |
| Sophomore cohort member—West                    | 734,192       | 1.00                             |
| School sector and 10th-grade cohort status      |               |                                  |
| Public school nonsophomore cohort member        | 36,127        | 0.99                             |
| Catholic school nonsophomore cohort member      | 50            | 0.98                             |
| Other private school nonsophomore cohort member | 2,054         | 0.96                             |
| Public school sophomore cohort member           | 2,998,924     | 1.00                             |
| Catholic school sophomore cohort member         | 140,030       | 1.00                             |
| Other private school sophomore cohort member    | 109,866       | 1.00                             |
| Sex and 10th-grade cohort status                |               |                                  |
| Male nonsophomore cohort member                 | 21,177        | 1.01                             |
| Female nonsophomore cohort member               | 17,054        | 0.97                             |
| Male sophomore cohort member                    | 1,594,765     | 1.00                             |
| Female sophomore cohort member                  | 1,654,055     | 1.00                             |
| 12th-grade cohort status and race/ethnicity     |               |                                  |
| Hispanic nonsenior cohort member                | 109,789       | 0.94                             |
| Asian nonsenior cohort member                   | 11,515        | 1.11                             |
| Black nonsenior cohort member                   | 92,015        | 1.00                             |
| White/other nonsenior cohort member             | 229,490       | 1.01                             |
| Asian senior cohort member                      | 425,562       | 1.01                             |
| Hispanic senior cohort member                   | 126,589       | 0.99                             |
| Black senior cohort member                      | 377,878       | 1.00                             |
| White/other senior cohort member                | 1,914,212     | 1.00                             |
| Region and 12th-grade cohort status             |               |                                  |
| Nonsenior cohort member—Northeast               | 72,878        | 1.08                             |
| Nonsenior cohort member—Midwest                 | 93,097        | 0.99                             |
| Nonsenior cohort member—South                   | 171,534       | 0.99                             |
| Nonsenior cohort member—West                    | 105,301       | 0.98                             |
| Senior cohort member—Northeast                  | 539,799       | 0.99                             |
| Senior cohort member—Midwest                    | 705,812       | 1.00                             |
| Senior cohort member—South                      | 959,844       | 1.00                             |
| Senior cohort member—West                       | 638,786       | 1.00                             |

See notes at end of table.

**Table F–4. Average weight adjustment factors for calibrating the cross-sectional transcript weight F3QTSCWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                              | Control total | Average weight adjustment factor |
|----------------------------------------------|---------------|----------------------------------|
| School sector and 12th-grade cohort status   |               |                                  |
| Public school nonsenior cohort member        | 431,404       | 1.00                             |
| Catholic school nonsenior cohort member      | 3,169         | 0.91                             |
| Other private school nonsenior cohort member | 8,237         | 1.02                             |
| Public school senior cohort member           | 2,603,647     | 1.00                             |
| Catholic school senior cohort member         | 136,911       | 1.00                             |
| Other private school senior cohort member    | 103,683       | 1.00                             |
| Sex and 12th-grade cohort status             |               |                                  |
| Male nonsenior cohort member                 | 235,337       | 1.01                             |
| Female nonsenior cohort member               | 207,473       | 0.99                             |
| Male senior cohort member                    | 1,380,604     | 1.00                             |
| Female senior cohort member                  | 1,463,637     | 1.00                             |

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 13,132                        | 83.63                  | 1.25                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 10,160                        | 83.19                  | 1.27                             |
| Catholic                                                         | 1,734                         | 89.69                  | 1.12                             |
| Other private                                                    | 1,238                         | 88.09                  | 1.24                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 4,484                         | 84.16                  | 1.26                             |
| Urban                                                            | 6,275                         | 83.21                  | 1.24                             |
| Rural                                                            | 2,373                         | 83.88                  | 1.24                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 2,340                         | 81.92                  | 1.28                             |
| Midwest                                                          | 3,380                         | 84.45                  | 1.21                             |
| South                                                            | 4,768                         | 84.14                  | 1.21                             |
| West                                                             | 2,644                         | 83.33                  | 1.33                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,565                         | 83.68                  | 1.23                             |
| 100–249                                                          | 3,398                         | 84.02                  | 1.20                             |
| 250–499                                                          | 4,190                         | 83.17                  | 1.26                             |
| ≥ 500                                                            | 2,979                         | 83.88                  | 1.28                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 881                           | 85.20                  | 1.29                             |
| Middle grades but no elementary                                  | 1,363                         | 84.27                  | 1.21                             |
| Only high school                                                 | 10,888                        | 83.49                  | 1.25                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 10,009                        | 83.30                  | 1.25                             |
| > or < 4                                                         | 3,123                         | 84.92                  | 1.24                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,430                         | 82.81                  | 1.23                             |
| 180 days                                                         | 7,307                         | 84.10                  | 1.25                             |
| More than 180 days                                               | 2,395                         | 83.27                  | 1.26                             |
| Minutes per class period                                         |                               |                        |                                  |
| ≤ 45                                                             | 3,112                         | 82.41                  | 1.25                             |
| 46–50                                                            | 2,840                         | 83.57                  | 1.24                             |
| 51–80                                                            | 3,489                         | 84.22                  | 1.27                             |
| ≥ 81                                                             | 3,691                         | 83.86                  | 1.23                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------|-------------------------------|------------------------|----------------------------------|
| Class periods per day        |                               |                        |                                  |
| 1–4                          | 3,822                         | 84.13                  | 1.23                             |
| 5–6                          | 3,181                         | 83.60                  | 1.28                             |
| 7                            | 3,589                         | 83.49                  | 1.23                             |
| 8–9                          | 2,540                         | 82.95                  | 1.25                             |
| IEP percentage               |                               |                        |                                  |
| <= 5 percent                 | 5,240                         | 85.31                  | 1.21                             |
| 6–10 percent                 | 3,298                         | 83.07                  | 1.26                             |
| 11–15 percent                | 2,912                         | 83.39                  | 1.26                             |
| > 15 percent                 | 1,682                         | 82.27                  | 1.32                             |
| LEP percentage               |                               |                        |                                  |
| 0 percent                    | 5,763                         | 84.72                  | 1.20                             |
| 1 percent                    | 2,620                         | 84.80                  | 1.23                             |
| 2–5 percent                  | 2,187                         | 83.77                  | 1.25                             |
| >= 6 percent                 | 2,562                         | 80.86                  | 1.36                             |
| Free or reduced-price lunch  |                               |                        |                                  |
| 0 percent                    | 2,437                         | 88.23                  | 1.17                             |
| 1–10 percent                 | 3,014                         | 85.06                  | 1.22                             |
| 11–30 percent                | 3,931                         | 84.12                  | 1.27                             |
| >= 31 percent                | 3,750                         | 80.74                  | 1.29                             |
| Number of full-time teachers |                               |                        |                                  |
| 1–40                         | 3,435                         | 83.72                  | 1.21                             |
| 41–70                        | 3,326                         | 83.52                  | 1.23                             |
| 71–100                       | 3,361                         | 84.18                  | 1.28                             |
| > 100                        | 3,010                         | 83.07                  | 1.27                             |
| Number of part-time teachers |                               |                        |                                  |
| 0–1                          | 3,714                         | 81.49                  | 1.28                             |
| 2–3                          | 3,775                         | 83.61                  | 1.25                             |
| 4–6                          | 3,226                         | 84.60                  | 1.24                             |
| >= 7                         | 2,417                         | 86.12                  | 1.20                             |
| Full-time teachers certified |                               |                        |                                  |
| 0–90 percent                 | 3,397                         | 85.30                  | 1.23                             |
| 91–99 percent                | 2,323                         | 83.08                  | 1.25                             |
| 100 percent                  | 7,412                         | 83.39                  | 1.25                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| School coeducational status                     |                               |                        |                                  |
| Coeducational school                            | 12,433                        | 83.51                  | 1.25                             |
| All-female school                               | 336                           | 91.44                  | 1.08                             |
| All-male school                                 | 363                           | 88.20                  | 1.14                             |
| Total enrollment                                |                               |                        |                                  |
| 0–600 students                                  | 3,100                         | 83.27                  | 1.23                             |
| 601–1,200 students                              | 3,967                         | 83.59                  | 1.23                             |
| 1,201–1,800 students                            | 2,984                         | 84.06                  | 1.23                             |
| > 1,800 students                                | 3,081                         | 83.50                  | 1.30                             |
| Asian 10th-grade enrollment                     |                               |                        |                                  |
| <= 2 percent                                    | 5,126                         | 83.98                  | 1.21                             |
| > 2 percent                                     | 8,006                         | 83.41                  | 1.27                             |
| Black or African American 10th-grade enrollment |                               |                        |                                  |
| <= 4 percent                                    | 4,531                         | 84.86                  | 1.22                             |
| > 4 percent                                     | 8,601                         | 82.98                  | 1.26                             |
| Hispanic or Latino 10th-grade enrollment        |                               |                        |                                  |
| <= 3 percent                                    | 5,146                         | 85.70                  | 1.20                             |
| > 3 percent                                     | 7,986                         | 82.38                  | 1.28                             |
| All other races 10th-grade enrollment           |                               |                        |                                  |
| <= 80 percent                                   | 6,405                         | 82.42                  | 1.28                             |
| 80 percent                                      | 6,727                         | 84.90                  | 1.21                             |
| Sex                                             |                               |                        |                                  |
| Male                                            | 6,211                         | 80.26                  | 1.31                             |
| Female                                          | 6,921                         | 86.93                  | 1.19                             |
| Race/ethnicity                                  |                               |                        |                                  |
| Asian                                           | 1,855                         | 79.19                  | 1.28                             |
| Black or African American                       | 1,288                         | 84.13                  | 1.34                             |
| Hispanic or Latino                              | 1,689                         | 80.90                  | 1.24                             |
| All other races                                 | 8,300                         | 85.27                  | 1.22                             |
| Family Composition                              |                               |                        |                                  |
| Mother and Father                               | 8,039                         | 85.82                  | 1.23                             |
| Mother and male guardian                        | 1,513                         | 80.82                  | 1.29                             |
| Father and female guardian                      | 392                           | 76.16                  | 1.33                             |
| Two guardians                                   | 210                           | 78.75                  | 1.32                             |
| Mother only                                     | 2,285                         | 81.83                  | 1.25                             |
| Father only                                     | 366                           | 79.57                  | 1.32                             |
| Female guardian only                            | 153                           | 72.46                  | 1.36                             |
| Male guardian only                              | 37                            | 78.36                  | 1.43                             |
| Lives with student less than half the year      | 137                           | 88.48                  | 1.16                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                   | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Parental education                          |                               |                        |                                  |
| Did not finish high school                  | 765                           | 76.89                  | 1.35                             |
| Graduated from high school                  | 2,478                         | 78.74                  | 1.33                             |
| Attended 2-year school, no degree           | 1,388                         | 82.18                  | 1.26                             |
| Graduated from 2-year school                | 1,356                         | 83.36                  | 1.25                             |
| Attended college, no 4-year degree          | 1,483                         | 83.24                  | 1.23                             |
| Graduated from college                      | 3,018                         | 86.00                  | 1.22                             |
| Completed master's degree or equivalent     | 1,662                         | 90.82                  | 1.19                             |
| Completed Ph.D, M.D., other advanced degree | 982                           | 91.60                  | 1.11                             |
| Mother's occupation                         |                               |                        |                                  |
| No job for pay                              | 486                           | 82.93                  | 1.33                             |
| Clerical                                    | 2,138                         | 84.18                  | 1.25                             |
| Craftsperson                                | 288                           | 79.01                  | 1.36                             |
| Farmer, farm manager, or laborer            | 629                           | 79.68                  | 1.30                             |
| Homemaker                                   | 658                           | 77.82                  | 1.43                             |
| Manager, administrator                      | 1,418                         | 84.31                  | 1.21                             |
| Military or protective service              | 116                           | 85.80                  | 1.18                             |
| Operative                                   | 529                           | 82.63                  | 1.23                             |
| Professional a                              | 1,936                         | 87.28                  | 1.17                             |
| Professional b                              | 535                           | 88.26                  | 1.14                             |
| Proprietor, owner                           | 316                           | 82.04                  | 1.25                             |
| Sales                                       | 555                           | 80.98                  | 1.31                             |
| School teacher                              | 893                           | 88.80                  | 1.18                             |
| Service                                     | 1,989                         | 82.12                  | 1.27                             |
| Technical                                   | 646                           | 83.00                  | 1.26                             |
| Father's occupation                         |                               |                        |                                  |
| No job for pay                              | 132                           | 81.50                  | 1.41                             |
| Clerical                                    | 311                           | 83.85                  | 1.27                             |
| Craftsperson                                | 1,656                         | 80.83                  | 1.29                             |
| Farmer, farm manager, or laborer            | 245                           | 84.29                  | 1.31                             |
| Homemaker                                   | 303                           | 75.63                  | 1.35                             |
| Laborer                                     | 1,313                         | 80.28                  | 1.28                             |
| Manager, administrator                      | 1,965                         | 86.04                  | 1.22                             |
| Military                                    | 174                           | 86.87                  | 1.18                             |
| Operative                                   | 1,466                         | 80.74                  | 1.28                             |
| Professional a                              | 1,461                         | 87.38                  | 1.19                             |
| Professional b                              | 840                           | 89.16                  | 1.14                             |
| Proprietor, owner                           | 792                           | 82.37                  | 1.24                             |
| Proprietor, service                         | 444                           | 85.08                  | 1.25                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                                                                                                                                                                                                                      | Number of responding students | Weighted response rate | Average weight adjustment factor |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Father's occupation—Continued                                                                                                                                                                                                                                  |                               |                        |                                  |
| Sales                                                                                                                                                                                                                                                          | 682                           | 86.23                  | 1.25                             |
| School teacher                                                                                                                                                                                                                                                 | 195                           | 90.41                  | 1.17                             |
| Service                                                                                                                                                                                                                                                        | 526                           | 82.67                  | 1.26                             |
| Technical                                                                                                                                                                                                                                                      | 627                           | 86.00                  | 1.24                             |
| Socioeconomic status (SES)                                                                                                                                                                                                                                     |                               |                        |                                  |
| Lowest quartile                                                                                                                                                                                                                                                | 2,944                         | 77.94                  | 1.33                             |
| Second quartile                                                                                                                                                                                                                                                | 3,087                         | 82.86                  | 1.27                             |
| Third quartile                                                                                                                                                                                                                                                 | 3,196                         | 84.25                  | 1.24                             |
| Highest quartile                                                                                                                                                                                                                                               | 3,905                         | 89.58                  | 1.17                             |
| English as native language                                                                                                                                                                                                                                     |                               |                        |                                  |
| English is not the student's native language                                                                                                                                                                                                                   | 2,164                         | 79.78                  | 1.32                             |
| English is the student's native language                                                                                                                                                                                                                       | 10,968                        | 84.25                  | 1.23                             |
| 12th-grade cohort status                                                                                                                                                                                                                                       |                               |                        |                                  |
| Not senior cohort member                                                                                                                                                                                                                                       | 1,598                         | 76.71                  | 1.37                             |
| Senior cohort member                                                                                                                                                                                                                                           | 11,534                        | 84.87                  | 1.23                             |
| Income                                                                                                                                                                                                                                                         |                               |                        |                                  |
| \$1,000 or less                                                                                                                                                                                                                                                | 187                           | 74.12                  | 1.35                             |
| \$1,001 to \$5,000                                                                                                                                                                                                                                             | 235                           | 81.70                  | 1.30                             |
| \$5,001 to \$10,000                                                                                                                                                                                                                                            | 266                           | 77.23                  | 1.36                             |
| \$10,001 to \$15,000                                                                                                                                                                                                                                           | 529                           | 78.72                  | 1.33                             |
| \$15,001 to \$20,000                                                                                                                                                                                                                                           | 595                           | 78.61                  | 1.32                             |
| \$20,001 to \$25,000                                                                                                                                                                                                                                           | 764                           | 80.57                  | 1.32                             |
| \$25,001 to \$35,000                                                                                                                                                                                                                                           | 1,497                         | 82.60                  | 1.26                             |
| \$35,001 to \$50,000                                                                                                                                                                                                                                           | 2,421                         | 82.57                  | 1.25                             |
| \$50,001 to \$75,000                                                                                                                                                                                                                                           | 2,744                         | 85.49                  | 1.23                             |
| \$75,001 to \$100,000                                                                                                                                                                                                                                          | 1,839                         | 87.66                  | 1.22                             |
| \$100,001 to \$200,000                                                                                                                                                                                                                                         | 1,550                         | 86.64                  | 1.18                             |
| \$200,001 or more                                                                                                                                                                                                                                              | 505                           | 86.90                  | 1.16                             |
| CHAID nodes                                                                                                                                                                                                                                                    |                               |                        |                                  |
| CHAID node 1 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: public southeast or public far west or public rocky mountain or public southwest or public new england or private southeast | 977                           | 75.47                  | 1.39                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                                                                                                                                                                               | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                   |                               |                        |                                  |
| CHAID node 2 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: public plains or public mid-east or public great lakes or private northeast          | 832                           | 82.54                  | 1.25                             |
| CHAID node 3 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = male; schtype/region is: private west or private north central                                                | 203                           | 90.90                  | 1.28                             |
| CHAID node 4 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = female; family income is < 1,000 or 5,0001–25,000 or 50,001–75,000 or 100,001–200,000                         | 1,094                         | 84.01                  | 1.23                             |
| CHAID node 5 = parent attended/graduated from 2 year school or attended college (no 4-year degree); sex = female; family income is 1,001–5,000 or 25,001–50,000 or 75,001–100,000 or 200,001 or more                    | 1,121                         | 89.94                  | 1.14                             |
| CHAID node 6 = parent finished high school/GED or did not finish high school; sex = male; school type is public                                                                                                         | 1,325                         | 73.56                  | 1.41                             |
| CHAID node 7 = parent finished high school/GED or did not finish high school; sex = male; school type is catholic or other private                                                                                      | 148                           | 85.24                  | 1.31                             |
| CHAID node 8 = parent finished high school/GED or did not finish high school; sex = female; race is Asian, Hawaii/Pac. Islander (non-Hispanic) or Black/African American (non-Hispanic) or Hispanic (no race specified) | 653                           | 81.87                  | 1.28                             |
| CHAID node 9 = parent finished high school/GED or did not finish high school; sex = female; race is Amer. Indian/Alaska Native (non-Hispanic) or White (non-Hispanic)                                                   | 875                           | 85.90                  | 1.25                             |
| CHAID node 10 = parent finished high school/GED or did not finish high school; sex = female; race is Hispanic (race specified) or more than one race (non-Hispanic)                                                     | 242                           | 70.87                  | 1.40                             |
| CHAID node 11 = parent graduated from college; sex = male; free or reduced price lunch of > 0%                                                                                                                          | 1,082                         | 82.24                  | 1.31                             |
| CHAID node 12 = parent graduated from college; sex = female; enrollment status = in school in grade or out of school or out of scope                                                                                    | 1,513                         | 89.96                  | 1.16                             |
| CHAID node 13 = parent graduated from college; sex = female; enrollment status = in school out of grade                                                                                                                 | 72                            | 72.13                  | 1.39                             |

See notes at end of table.

**Table F-5. Average weight adjustment factors used to adjust the panel weight F3BYPNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                                                                                                                                                                                                                                             | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                                                                 |                               |                        |                                  |
| CHAID node 14 = parent completed Master's degree or higher; race is Amer. Indian/Alaska Native (non-Hispanic) or Black/African America (non-Hispanic) or Hispanic (no race specified) or Hispanic (race specified) or More than one race (non-Hispanic); home language is English     | 457                           | 86.88                  | 1.23                             |
| CHAID node 15 = parent completed Master's degree or higher; race is Amer. Indian/Alaska Native (non-Hispanic) or Black/African America (non-Hispanic) or Hispanic (no race specified) or Hispanic (race specified) or More than one race (non-Hispanic); home language is not English | 106                           | 72.48                  | 1.40                             |
| CHAID node 16 = parent completed Master's degree or higher; race is Asian, Hawaii/Pac. Islander (non-Hispanic) or White (non-Hispanic); senior cohort member                                                                                                                          | 1,978                         | 93.86                  | 1.13                             |
| CHAID node 17 = parent completed Master's degree or higher; race is Asian, Hawaii/Pac. Islander (non-Hispanic) or White (non-Hispanic); not a senior cohort member                                                                                                                    | 103                           | 83.73                  | 1.28                             |
| CHAID node 18= parent graduated from college; sex = male; free or reduced price lunch of 0%                                                                                                                                                                                           | 351                           | 89.88                  | 1.20                             |

**Table F–6. Average weight adjustment factors for calibrating the panel weight F3BYPNLWT to control totals, by selected characteristics: 2012**

| Model variables           | Control total | Average weight adjustment factor |
|---------------------------|---------------|----------------------------------|
| Total                     | 3,248,820     | 1.02                             |
| Census Region             |               |                                  |
| Northeast                 | 602,588       | 1.05                             |
| Midwest                   | 794,395       | 1.02                             |
| South                     | 1,117,646     | 1.01                             |
| West                      | 734,192       | 1.01                             |
| School sector             |               |                                  |
| Public                    | 2,998,924     | 1.01                             |
| Catholic                  | 140,030       | 1.03                             |
| Other private             | 109,866       | 1.05                             |
| Sex                       |               |                                  |
| Male                      | 1,594,765     | 1.01                             |
| Female                    | 1,654,055     | 1.03                             |
| Race/ethnicity            |               |                                  |
| Asian                     | 520,607       | 1.02                             |
| Black or African American | 135,301       | 1.01                             |
| Hispanic or Latino        | 465,399       | 1.02                             |
| All other races           | 2,127,512     | 1.02                             |

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 11,769                        | 89.08                  | 1.12                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 9,049                         | 88.96                  | 1.13                             |
| Catholic                                                         | 1,632                         | 94.39                  | 1.06                             |
| Other private                                                    | 1,088                         | 85.80                  | 1.15                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 3,883                         | 84.48                  | 1.16                             |
| Urban                                                            | 5,763                         | 91.79                  | 1.09                             |
| Rural                                                            | 2,123                         | 89.11                  | 1.12                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 2,015                         | 84.07                  | 1.19                             |
| Midwest                                                          | 3,105                         | 90.99                  | 1.09                             |
| South                                                            | 4,202                         | 87.72                  | 1.14                             |
| West                                                             | 2,447                         | 93.22                  | 1.08                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,262                         | 88.9                   | 1.13                             |
| 100–249                                                          | 3,139                         | 91.92                  | 1.09                             |
| 250–499                                                          | 3,842                         | 90.50                  | 1.11                             |
| >= 500                                                           | 2,526                         | 85.21                  | 1.18                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 758                           | 88.76                  | 1.15                             |
| Middle grades but no elementary                                  | 1,225                         | 90.53                  | 1.10                             |
| Only high school                                                 | 9,786                         | 88.98                  | 1.12                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 8,961                         | 88.55                  | 1.13                             |
| > or < 4                                                         | 2,808                         | 91.21                  | 1.10                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,117                         | 90.62                  | 1.11                             |
| 180 days                                                         | 6,483                         | 87.94                  | 1.14                             |
| More than 180 days                                               | 2,169                         | 90.58                  | 1.10                             |
| Minutes per class period                                         |                               |                        |                                  |
| <= 45                                                            | 2,689                         | 81.70                  | 1.21                             |
| 46–50                                                            | 2,573                         | 91.84                  | 1.08                             |
| 51–80                                                            | 3,199                         | 90.93                  | 1.09                             |
| >= 81                                                            | 3,308                         | 89.98                  | 1.11                             |

See notes at end of table.

**Table F-7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------|-------------------------------|------------------------|----------------------------------|
| Class periods per day        |                               |                        |                                  |
| 1–4                          | 3,417                         | 89.33                  | 1.12                             |
| 5–6                          | 2,902                         | 91.61                  | 1.09                             |
| 7                            | 3,141                         | 85.62                  | 1.17                             |
| 8–9                          | 2,309                         | 89.77                  | 1.10                             |
| IEP percentage               |                               |                        |                                  |
| <= 5 percent                 | 4,710                         | 88.93                  | 1.11                             |
| 6–10 percent                 | 2,933                         | 88.44                  | 1.13                             |
| 11–15 percent                | 2,670                         | 91.59                  | 1.10                             |
| > 15 percent                 | 1,456                         | 86.08                  | 1.17                             |
| LEP percentage               |                               |                        |                                  |
| 0 percent                    | 5,231                         | 90.84                  | 1.10                             |
| 1 percent                    | 2,341                         | 87.82                  | 1.14                             |
| 2–5 percent                  | 1,924                         | 87.48                  | 1.16                             |
| >= 6 percent                 | 2,273                         | 89.09                  | 1.13                             |
| Free or reduced-price lunch  |                               |                        |                                  |
| 0 percent                    | 2,179                         | 88.95                  | 1.12                             |
| 1–10 percent                 | 2,708                         | 88.83                  | 1.12                             |
| 11–30 percent                | 3,595                         | 90.67                  | 1.11                             |
| >= 31 percent                | 3,287                         | 87.49                  | 1.14                             |
| Number of full-time teachers |                               |                        |                                  |
| 1–40                         | 3,090                         | 89.10                  | 1.13                             |
| 41–70                        | 3,069                         | 92.65                  | 1.07                             |
| 71–100                       | 3,009                         | 88.34                  | 1.13                             |
| > 100                        | 2,601                         | 86.93                  | 1.15                             |
| Number of part-time teachers |                               |                        |                                  |
| 0–1                          | 3,158                         | 84.57                  | 1.19                             |
| 2–3                          | 3,500                         | 91.77                  | 1.09                             |
| 4–6                          | 2,931                         | 90.07                  | 1.11                             |
| >= 7                         | 2,180                         | 91.33                  | 1.10                             |
| Full-time teachers certified |                               |                        |                                  |
| 0–90 percent                 | 2,990                         | 85.82                  | 1.14                             |
| 91–99 percent                | 2,067                         | 87.53                  | 1.15                             |
| 100 percent                  | 6,712                         | 90.39                  | 1.11                             |

See notes at end of table.

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| School coeducational status                     |                               |                        |                                  |
| Coeducational school                            | 11,130                        | 89.02                  | 1.12                             |
| All-female school                               | 282                           | 85.53                  | 1.17                             |
| All-male school                                 | 357                           | 98.86                  | 1.02                             |
| Total enrollment                                |                               |                        |                                  |
| 0–600 students                                  | 2,814                         | 91.19                  | 1.11                             |
| 601–1,200 students                              | 3,628                         | 91.38                  | 1.09                             |
| 1,201–1,800 students                            | 2,671                         | 88.09                  | 1.14                             |
| > 1,800 students                                | 2,656                         | 86.50                  | 1.16                             |
| Asian 10th-grade enrollment                     |                               |                        |                                  |
| <= 2 percent                                    | 4,604                         | 88.10                  | 1.13                             |
| > 2 percent                                     | 7,165                         | 89.71                  | 1.12                             |
| Black or African American 10th-grade enrollment |                               |                        |                                  |
| <= 4 percent                                    | 4,174                         | 90.78                  | 1.11                             |
| > 4 percent                                     | 7,595                         | 88.19                  | 1.13                             |
| Hispanic or Latino 10th-grade enrollment        |                               |                        |                                  |
| <= 3 percent                                    | 4,740                         | 91.65                  | 1.10                             |
| > 3 percent                                     | 7,029                         | 87.52                  | 1.14                             |
| All other races 10th-grade enrollment           |                               |                        |                                  |
| <= 80 percent                                   | 5,623                         | 87.62                  | 1.14                             |
| 80 percent                                      | 6,146                         | 90.60                  | 1.10                             |
| Sex                                             |                               |                        |                                  |
| Male                                            | 5,571                         | 88.61                  | 1.12                             |
| Female                                          | 6,198                         | 89.54                  | 1.12                             |
| Race/ethnicity                                  |                               |                        |                                  |
| Asian                                           | 1,636                         | 86.56                  | 1.16                             |
| Black or African American                       | 1,154                         | 87.91                  | 1.13                             |
| Hispanic or Latino                              | 1,414                         | 83.21                  | 1.21                             |
| All other races                                 | 7,565                         | 91.06                  | 1.10                             |
| Family Composition                              |                               |                        |                                  |
| Mother and Father                               | 7,320                         | 90.77                  | 1.10                             |
| Mother and male guardian                        | 1,315                         | 86.16                  | 1.17                             |
| Father and female guardian                      | 340                           | 87.26                  | 1.14                             |
| Two guardians                                   | 184                           | 88.14                  | 1.12                             |
| Mother only                                     | 1,984                         | 86.00                  | 1.16                             |

See notes at end of table.

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                   | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Family Composition—Continued                |                               |                        |                                  |
| Father only                                 | 335                           | 90.91                  | 1.09                             |
| Female guardian only                        | 136                           | 90.04                  | 1.13                             |
| Male guardian only                          | 34                            | 91.50                  | 1.11                             |
| Lives with student less than half the year  | 121                           | 86.78                  | 1.14                             |
| Parental education                          |                               |                        |                                  |
| Did not finish high school                  | 675                           | 87.80                  | 1.13                             |
| Graduated from high school                  | 2,223                         | 89.02                  | 1.13                             |
| Attended 2-year school, no degree           | 1,239                         | 88.64                  | 1.12                             |
| Graduated from 2-year school                | 1,225                         | 89.82                  | 1.11                             |
| Attended college, no 4-year degree          | 1,308                         | 87.15                  | 1.15                             |
| Graduated from college                      | 2,735                         | 90.08                  | 1.12                             |
| Completed master's degree or equivalent     | 1,492                         | 89.37                  | 1.12                             |
| Completed Ph.D, M.D., other advanced degree | 872                           | 89.80                  | 1.10                             |
| Mother's occupation                         |                               |                        |                                  |
| No job for pay                              | 436                           | 88.99                  | 1.13                             |
| Clerical                                    | 1,930                         | 89.05                  | 1.12                             |
| Craftsperson                                | 260                           | 87.30                  | 1.15                             |
| Farmer, farm manager, or laborer            | 554                           | 87.53                  | 1.14                             |
| Homemaker                                   | 570                           | 86.26                  | 1.15                             |
| Manager, administrator                      | 1,281                         | 89.40                  | 1.12                             |
| Military or protective service              | 102                           | 85.11                  | 1.17                             |
| Operative                                   | 479                           | 90.52                  | 1.10                             |
| Professional a                              | 1,771                         | 91.61                  | 1.09                             |
| Professional b                              | 472                           | 87.87                  | 1.13                             |
| Proprietor, owner                           | 287                           | 90.69                  | 1.12                             |
| Sales                                       | 482                           | 86.46                  | 1.17                             |
| School teacher                              | 805                           | 90.50                  | 1.11                             |
| Service                                     | 1,767                         | 88.66                  | 1.13                             |
| Technical                                   | 573                           | 88.98                  | 1.12                             |
| Father's occupation                         |                               |                        |                                  |
| No job for pay                              | 116                           | 83.70                  | 1.17                             |
| Clerical                                    | 269                           | 84.90                  | 1.18                             |
| Craftsperson                                | 1,482                         | 89.06                  | 1.13                             |
| Farmer, farm manager, or laborer            | 223                           | 92.68                  | 1.08                             |
| Homemaker                                   | 266                           | 87.36                  | 1.13                             |
| Laborer                                     | 1,178                         | 88.70                  | 1.13                             |
| Manager, administrator                      | 1,774                         | 88.89                  | 1.12                             |

See notes at end of table.

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|----------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Father's occupation—Continued                |                               |                        |                                  |
| Military                                     | 155                           | 88.36                  | 1.16                             |
| Operative                                    | 1,315                         | 89.51                  | 1.11                             |
| Professional a                               | 1,323                         | 90.76                  | 1.10                             |
| Professional b                               | 747                           | 90.49                  | 1.10                             |
| Proprietor, owner                            | 715                           | 89.06                  | 1.12                             |
| Proprietor, service                          | 407                           | 89.06                  | 1.13                             |
| Sales                                        | 604                           | 88.51                  | 1.15                             |
| School teacher                               | 178                           | 89.98                  | 1.10                             |
| Service                                      | 454                           | 85.52                  | 1.15                             |
| Technical                                    | 563                           | 90.49                  | 1.11                             |
| Socioeconomic status (SES)                   |                               |                        |                                  |
| Lowest quartile                              | 2,608                         | 88.24                  | 1.14                             |
| Second quartile                              | 2,751                         | 88.48                  | 1.13                             |
| Third quartile                               | 2,850                         | 87.78                  | 1.14                             |
| Highest quartile                             | 3,560                         | 91.87                  | 1.09                             |
| English as native language                   |                               |                        |                                  |
| English is not the student's native language | 1,909                         | 85.61                  | 1.17                             |
| English is the student's native language     | 9,860                         | 89.64                  | 1.11                             |
| 12th-grade cohort status                     |                               |                        |                                  |
| Not senior cohort member                     | 1,257                         | 79.20                  | 1.27                             |
| Senior cohort member                         | 10,512                        | 90.84                  | 1.10                             |
| Income                                       |                               |                        |                                  |
| \$1,000 or less                              | 167                           | 89.06                  | 1.12                             |
| \$1,001 to \$5,000                           | 196                           | 82.14                  | 1.21                             |
| \$5,001 to \$10,000                          | 230                           | 85.92                  | 1.17                             |
| \$10,001 to \$15,000                         | 463                           | 85.36                  | 1.17                             |
| \$15,001 to \$20,000                         | 530                           | 88.43                  | 1.15                             |
| \$20,001 to \$25,000                         | 655                           | 85.29                  | 1.18                             |
| \$25,001 to \$35,000                         | 1,356                         | 89.88                  | 1.12                             |
| \$35,001 to \$50,000                         | 2,151                         | 88.46                  | 1.13                             |
| \$50,001 to \$75,000                         | 2,492                         | 89.88                  | 1.11                             |
| \$75,001 to \$100,000                        | 1,663                         | 90.61                  | 1.10                             |
| \$100,001 to \$200,000                       | 1,427                         | 92.31                  | 1.08                             |
| \$200,001 or more                            | 439                           | 87.97                  | 1.14                             |

See notes at end of table.

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                                                                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes                                                                                                                                                                                                                                                                                     |                               |                        |                                  |
| CHAID node 1 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public far west or public rocky mountain or public great lakes or private north central or public southeast                                                                                          | 3,378                         | 98.94                  | 1.01                             |
| CHAID node 2 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public southwest or public plains or public mid-east or private northeast                                                                                                                            | 3,518                         | 94.41                  | 1.06                             |
| CHAID node 3 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public new england or private southeast or private west                                                                                                                                              | 2,220                         | 90.40                  | 1.10                             |
| CHAID node 4 = enrollment status for spring 2004 is dropped out or home schooled; sex = female; urbanicity of school locale = suburban or rural                                                                                                                                                 | 249                           | 83.01                  | 1.22                             |
| CHAID node 5 = enrollment status for spring 2004 is dropped out or home schooled; sex = female; urbanicity of school locale = urban                                                                                                                                                             | 144                           | 70.68                  | 1.34                             |
| CHAID node 6 = enrollment status for spring 2004 is dropped out or home schooled; sex = male;                                                                                                                                                                                                   | 129                           | 91.28                  | 1.10                             |
| CHAID node 7 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades in school = 1 or 4 or 6 or 13; schrace is public Black or other private Hispanic                                                                                                 | 124                           | 64.47                  | 1.61                             |
| CHAID node 8 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades in school = 1 or 4 or 6 or 13; schrace is public Hispanic or public Asian or public White/Other or catholic Black                                                                | 580                           | 77.30                  | 1.28                             |
| CHAID node 9 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades in school = 1 or 4 or 6 or 13; schrace is catholic Hispanic or catholic Asian or catholic White/Other or other private Asian or other private Black or other private White/Other | 182                           | 93.48                  | 1.08                             |
| CHAID node 10 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades in school = 2 or 11 or 14                                                                                                                                                       | 43                            | 55.05                  | 2.05                             |
| CHAID node 11 = enrollment status for spring 2004 is enrolled transfer school or out of scope; number of grades in school = 3 or 5 or 7 or 8 or 12                                                                                                                                              | 95                            | 65.67                  | 1.76                             |
| CHAID node 12 = enrollment status for spring 2004 is graduated early/early GED;                                                                                                                                                                                                                 | 359                           | 90.35                  | 1.12                             |

See notes at end of table.

**Table F–7. Average weight adjustment factors used to adjust the panel transcript weight F3BYTSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                                                                                  | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                                                                                      |                               |                        |                                  |
| CHAID node 13 = enrollment status for spring 2004 is unknown; schtype/region is: public southeast or public southwest or public great lakes                                                                                                                                                                | 183                           | 76.03                  | 1.36                             |
| CHAID node 14 = enrollment status for spring 2004 is unknown; schtype/region is: public far west or private north central or private northeast                                                                                                                                                             | 212                           | 86.65                  | 1.28                             |
| CHAID node 15 = enrollment status for spring 2004 is unknown; schtype/region is: public rocky mountain or public mid-east or private southeast                                                                                                                                                             | 181                           | 62.31                  | 1.60                             |
| CHAID node 16 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; schrace is public Black or catholic Hispanic or catholic Asian or catholic White/Other or other private Hispanic or other private Asian or other private White/Other | 73                            | 48.47                  | 1.80                             |
| CHAID node 17 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; schrace is public Asian or public Hispanic or public White/Other                                                                                                     | 99                            | 42.18                  | 2.42                             |

**Table F-8. Average weight adjustment factors for calibrating the panel transcript weight F3BYTSCWT to control totals, by selected characteristics: 2012**

| Model variables           | Control total | Average weight adjustment factor |
|---------------------------|---------------|----------------------------------|
| Total                     | 3,248,820     | 1.00                             |
| Census Region             |               |                                  |
| Northeast                 | 602,588       | 1.00                             |
| Midwest                   | 794,395       | 1.00                             |
| South                     | 1,117,646     | 1.00                             |
| West                      | 734,192       | 1.00                             |
| School sector             |               |                                  |
| Public                    | 2,998,924     | 1.00                             |
| Catholic                  | 140,030       | 1.00                             |
| Other private             | 109,866       | 1.00                             |
| Sex                       |               |                                  |
| Male                      | 1,594,765     | 1.00                             |
| Female                    | 1,654,055     | 1.00                             |
| Race/ethnicity            |               |                                  |
| Asian                     | 520,607       | 1.00                             |
| Black or African American | 135,301       | 1.00                             |
| Hispanic or Latino        | 465,399       | 1.00                             |
| All other races           | 2,127,512     | 1.00                             |

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 12,444                        | 78.24                  | 1.31                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 9,574                         | 77.71                  | 1.35                             |
| Catholic                                                         | 1,676                         | 87.06                  | 1.15                             |
| Other private                                                    | 1,194                         | 81.99                  | 1.25                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 4,251                         | 78.25                  | 1.32                             |
| Urban                                                            | 5,942                         | 77.86                  | 1.31                             |
| Rural                                                            | 2,251                         | 79.21                  | 1.31                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 2,241                         | 77.73                  | 1.34                             |
| Midwest                                                          | 3,207                         | 79.44                  | 1.27                             |
| South                                                            | 4,509                         | 78.25                  | 1.29                             |
| West                                                             | 2,487                         | 77.37                  | 1.40                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,453                         | 78.95                  | 1.27                             |
| 100–249                                                          | 3,241                         | 79.30                  | 1.26                             |
| 250–499                                                          | 3,962                         | 77.71                  | 1.34                             |
| ≥ 500                                                            | 2,788                         | 77.80                  | 1.38                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 851                           | 80.65                  | 1.30                             |
| Middle grades but no elementary                                  | 1,292                         | 78.95                  | 1.27                             |
| Only high school                                                 | 10,301                        | 78.05                  | 1.32                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 9,472                         | 77.91                  | 1.32                             |
| > or < 4                                                         | 2,972                         | 79.55                  | 1.29                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,273                         | 77.90                  | 1.29                             |
| 180 days                                                         | 6,892                         | 78.56                  | 1.32                             |
| More than 180 days                                               | 2,279                         | 77.73                  | 1.33                             |
| Minutes per class period                                         |                               |                        |                                  |
| ≤ 45                                                             | 2,975                         | 77.82                  | 1.30                             |
| 46–50                                                            | 2,708                         | 78.92                  | 1.30                             |
| 51–80                                                            | 3,297                         | 78.45                  | 1.34                             |
| ≥ 81                                                             | 3,464                         | 77.82                  | 1.31                             |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables    | Number of<br>responding<br>students | Weighted<br>response<br>rate | Average weight<br>adjustment<br>factor |
|------------------------------|-------------------------------------|------------------------------|----------------------------------------|
| Class periods per day        |                                     |                              |                                        |
| 1–4                          | 3,595                               | 78.22                        | 1.32                                   |
| 5–6                          | 3,012                               | 78.27                        | 1.35                                   |
| 7                            | 3,392                               | 77.53                        | 1.30                                   |
| 8–9                          | 2,445                               | 79.29                        | 1.30                                   |
| IEP percentage               |                                     |                              |                                        |
| <= 5 percent                 | 5,009                               | 80.58                        | 1.25                                   |
| 6–10 percent                 | 3,134                               | 77.83                        | 1.33                                   |
| 11–15 percent                | 2,720                               | 77.28                        | 1.36                                   |
| > 15 percent                 | 1,581                               | 76.71                        | 1.41                                   |
| LEP percentage               |                                     |                              |                                        |
| 0 percent                    | 5,524                               | 80.49                        | 1.26                                   |
| 1 percent                    | 2,474                               | 79.26                        | 1.31                                   |
| 2–5 percent                  | 2,038                               | 77.01                        | 1.34                                   |
| >= 6 percent                 | 2,408                               | 75.08                        | 1.43                                   |
| Free or reduced-price lunch  |                                     |                              |                                        |
| 0 percent                    | 2,342                               | 84.11                        | 1.20                                   |
| 1–10 percent                 | 2,874                               | 80.59                        | 1.28                                   |
| 11–30 percent                | 3,715                               | 78.61                        | 1.35                                   |
| >= 31 percent                | 3,513                               | 74.46                        | 1.38                                   |
| Number of full-time teachers |                                     |                              |                                        |
| 1–40                         | 3,271                               | 79.10                        | 1.26                                   |
| 41–70                        | 3,177                               | 78.91                        | 1.29                                   |
| 71–100                       | 3,163                               | 78.31                        | 1.36                                   |
| > 100                        | 2,833                               | 77.08                        | 1.35                                   |
| Number of part-time teachers |                                     |                              |                                        |
| 0–1                          | 3,474                               | 75.09                        | 1.37                                   |
| 2–3                          | 3,606                               | 78.77                        | 1.31                                   |
| 4–6                          | 3,051                               | 78.94                        | 1.31                                   |
| >= 7                         | 2,313                               | 81.95                        | 1.25                                   |
| Full-time teachers certified |                                     |                              |                                        |
| 0–90 percent                 | 3,262                               | 80.59                        | 1.26                                   |
| 91–99 percent                | 2,176                               | 77.09                        | 1.34                                   |
| 100 percent                  | 7,006                               | 78.02                        | 1.33                                   |
| School coeducational status  |                                     |                              |                                        |
| Coeducational school         | 11,762                              | 78.06                        | 1.32                                   |
| All-female school            | 327                                 | 89.21                        | 1.10                                   |
| All-male school              | 355                                 | 86.05                        | 1.17                                   |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total enrollment                                |                               |                        |                                  |
| 0–600 students                                  | 2,968                         | 78.79                  | 1.27                             |
| 601–1,200 students                              | 3,764                         | 78.43                  | 1.29                             |
| 1,201–1,800 students                            | 2,813                         | 77.92                  | 1.32                             |
| > 1,800 students                                | 2,899                         | 78.03                  | 1.38                             |
| Asian 10th-grade enrollment                     |                               |                        |                                  |
| <= 2 percent                                    | 4,841                         | 78.06                  | 1.28                             |
| > 2 percent                                     | 7,603                         | 78.36                  | 1.33                             |
| Black or African American 10th-grade enrollment |                               |                        |                                  |
| <= 4 percent                                    | 4,310                         | 79.61                  | 1.29                             |
| > 4 percent                                     | 8,134                         | 77.52                  | 1.33                             |
| Hispanic or Latino 10th-grade enrollment        |                               |                        |                                  |
| <= 3 percent                                    | 4,914                         | 80.87                  | 1.26                             |
| > 3 percent                                     | 7,530                         | 76.66                  | 1.35                             |
| All other races 10th-grade enrollment           |                               |                        |                                  |
| <= 80 percent                                   | 6,026                         | 76.49                  | 1.36                             |
| 80 percent                                      | 6,418                         | 80.09                  | 1.27                             |
| Sex                                             |                               |                        |                                  |
| Male                                            | 5,890                         | 75.07                  | 1.38                             |
| Female                                          | 6,554                         | 81.36                  | 1.26                             |
| Race/ethnicity                                  |                               |                        |                                  |
| Asian                                           | 1,755                         | 72.97                  | 1.35                             |
| Black or African American                       | 1,249                         | 79.90                  | 1.40                             |
| Hispanic or Latino                              | 1,582                         | 74.92                  | 1.33                             |
| All other races                                 | 7,858                         | 80.16                  | 1.29                             |
| Family Composition                              |                               |                        |                                  |
| Mother and Father                               | 7,718                         | 81.42                  | 1.28                             |
| Mother and male guardian                        | 1,399                         | 74.02                  | 1.39                             |
| Father and female guardian                      | 359                           | 68.25                  | 1.47                             |
| Two guardians                                   | 187                           | 65.76                  | 1.57                             |
| Mother only                                     | 2,119                         | 75.67                  | 1.33                             |
| Father only                                     | 348                           | 73.95                  | 1.42                             |
| Female guardian only                            | 148                           | 68.07                  | 1.42                             |
| Male guardian only                              | 35                            | 71.69                  | 1.53                             |
| Lives with student less than half the year      | 131                           | 81.37                  | 1.24                             |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                   | Number of<br>responding<br>students | Weighted<br>response<br>rate | Average weight<br>adjustment<br>factor |
|---------------------------------------------|-------------------------------------|------------------------------|----------------------------------------|
| Parental education                          |                                     |                              |                                        |
| Did not finish high school                  | 712                                 | 69.44                        | 1.45                                   |
| Graduated from high school                  | 2,309                               | 72.64                        | 1.43                                   |
| Attended 2-year school, no degree           | 1,311                               | 76.69                        | 1.32                                   |
| Graduated from 2-year school                | 1,287                               | 78.08                        | 1.32                                   |
| Attended college, no 4-year degree          | 1,383                               | 76.66                        | 1.32                                   |
| Graduated from college                      | 2,898                               | 81.73                        | 1.28                                   |
| Completed master's degree or equivalent     | 1,615                               | 87.21                        | 1.23                                   |
| Completed Ph.D, M.D., other advanced degree | 929                                 | 85.87                        | 1.16                                   |
| Mother's occupation                         |                                     |                              |                                        |
| No job for pay                              | 465                                 | 78.48                        | 1.37                                   |
| Clerical                                    | 2,024                               | 78.49                        | 1.32                                   |
| Craftsperson                                | 273                                 | 70.49                        | 1.46                                   |
| Farmer, farm manager, or laborer            | 581                                 | 72.87                        | 1.41                                   |
| Homemaker                                   | 620                                 | 71.48                        | 1.54                                   |
| Manager, administrator                      | 1,333                               | 78.57                        | 1.29                                   |
| Military or protective service              | 111                                 | 82.31                        | 1.23                                   |
| Operative                                   | 499                                 | 76.58                        | 1.31                                   |
| Professional a                              | 1,880                               | 83.87                        | 1.21                                   |
| Professional b                              | 495                                 | 81.00                        | 1.22                                   |
| Proprietor, owner                           | 294                                 | 75.83                        | 1.33                                   |
| Sales                                       | 526                                 | 76.64                        | 1.37                                   |
| School teacher                              | 871                                 | 85.70                        | 1.21                                   |
| Service                                     | 1,866                               | 76.38                        | 1.34                                   |
| Technical                                   | 606                                 | 77.20                        | 1.34                                   |
| Father's occupation                         |                                     |                              |                                        |
| No job for pay                              | 122                                 | 64.76                        | 1.55                                   |
| Clerical                                    | 285                                 | 76.51                        | 1.36                                   |
| Craftsperson                                | 1,571                               | 76.29                        | 1.36                                   |
| Farmer, farm manager, or laborer            | 236                                 | 80.16                        | 1.37                                   |
| Homemaker                                   | 272                                 | 64.66                        | 1.55                                   |
| Laborer                                     | 1,240                               | 74.68                        | 1.35                                   |
| Manager, administrator                      | 1,885                               | 81.37                        | 1.28                                   |
| Military                                    | 160                                 | 77.4                         | 1.31                                   |
| Operative                                   | 1,380                               | 75.29                        | 1.34                                   |
| Professional a                              | 1,400                               | 82.63                        | 1.25                                   |
| Professional b                              | 806                                 | 84.30                        | 1.18                                   |
| Proprietor, owner                           | 748                                 | 78.21                        | 1.28                                   |
| Proprietor, service                         | 413                                 | 78.93                        | 1.34                                   |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                           | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Father's occupation—Continued                                                                                                                                                                                                                       |                               |                        |                                  |
| Sales                                                                                                                                                                                                                                               | 643                           | 80.61                  | 1.33                             |
| School teacher                                                                                                                                                                                                                                      | 191                           | 88.37                  | 1.16                             |
| Service                                                                                                                                                                                                                                             | 499                           | 77.17                  | 1.34                             |
| Technical                                                                                                                                                                                                                                           | 593                           | 79.81                  | 1.32                             |
| Socioeconomic status (SES)                                                                                                                                                                                                                          |                               |                        |                                  |
| Lowest quartile                                                                                                                                                                                                                                     | 2,757                         | 71.89                  | 1.42                             |
| Second quartile                                                                                                                                                                                                                                     | 2,880                         | 76.76                  | 1.36                             |
| Third quartile                                                                                                                                                                                                                                      | 3,025                         | 78.57                  | 1.31                             |
| Highest quartile                                                                                                                                                                                                                                    | 3,782                         | 85.91                  | 1.21                             |
| English as native language                                                                                                                                                                                                                          |                               |                        |                                  |
| English is not the student's native language                                                                                                                                                                                                        | 2,076                         | 73.98                  | 1.37                             |
| English is the student's native language                                                                                                                                                                                                            | 10,368                        | 78.95                  | 1.30                             |
| 10th-grade cohort status                                                                                                                                                                                                                            |                               |                        |                                  |
| Not sophomore cohort member                                                                                                                                                                                                                         | 117                           | 75.17                  | 1.38                             |
| Sophomore cohort member                                                                                                                                                                                                                             | 12,327                        | 78.28                  | 1.31                             |
| 12th-grade cohort status                                                                                                                                                                                                                            |                               |                        |                                  |
| Not senior cohort member                                                                                                                                                                                                                            | 1,256                         | 60.69                  | 1.74                             |
| Senior cohort member                                                                                                                                                                                                                                | 11,188                        | 81.35                  | 1.27                             |
| Income                                                                                                                                                                                                                                              |                               |                        |                                  |
| \$1,000 or less                                                                                                                                                                                                                                     | 177                           | 70.55                  | 1.40                             |
| \$1,001 to \$5,000                                                                                                                                                                                                                                  | 217                           | 74.61                  | 1.40                             |
| \$5,001 to \$10,000                                                                                                                                                                                                                                 | 248                           | 71.66                  | 1.47                             |
| \$10,001 to \$15,000                                                                                                                                                                                                                                | 489                           | 72.67                  | 1.42                             |
| \$15,001 to \$20,000                                                                                                                                                                                                                                | 548                           | 72.71                  | 1.37                             |
| \$20,001 to \$25,000                                                                                                                                                                                                                                | 719                           | 73.87                  | 1.41                             |
| \$25,001 to \$35,000                                                                                                                                                                                                                                | 1,388                         | 75.52                  | 1.36                             |
| \$35,001 to \$50,000                                                                                                                                                                                                                                | 2,293                         | 77.39                  | 1.32                             |
| \$50,001 to \$75,000                                                                                                                                                                                                                                | 2,630                         | 81.10                  | 1.28                             |
| \$75,001 to \$100,000                                                                                                                                                                                                                               | 1,755                         | 81.88                  | 1.29                             |
| \$100,001 to \$200,000                                                                                                                                                                                                                              | 1,497                         | 82.67                  | 1.23                             |
| \$200,001 or more                                                                                                                                                                                                                                   | 483                           | 81.86                  | 1.22                             |
| CHAID nodes                                                                                                                                                                                                                                         |                               |                        |                                  |
| CHAID node 1 = enrollment status = in school in grade;<br>parent attended (no degree)/graduated from 2-year<br>school or attended college (no degree); enrollment<br>status for spring 2004 is enrolled BY school or<br>dropped out or homeschooled | 2,997                         | 82.74                  | 1.25                             |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                                              | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                                                                  |                               |                        |                                  |
| CHAID node 2 = enrollment status = in school in grade; parent attended (no degree)/graduated from 2-year school or attended college (no degree); enrollment status for spring 2004 is enrolled transfer school or graduated early/early GED or unknown or out of scope | 578                           | 71.23                  | 1.40                             |
| CHAID node 3 = enrollment status = in school in grade; parent did not finish high school or graduated from high school/GED; enrollment status for spring 2004 is enrolled BY school or dropped out or graduated early/early GED or homeschooled or out of scope        | 2,098                         | 78.66                  | 1.32                             |
| CHAID node 4 = enrollment status = in school in grade; parent did not finish high school or graduated from high school/GED; enrollment status for spring 2004 is enrolled transfer school or unknown                                                                   | 396                           | 64.03                  | 1.58                             |
| CHAID node 5 = enrollment status = in school in grade; parent graduated from college; family composition is father only or female guardian only or father and female guardian or two guardians or lives with student less than half time or male guardian only         | 218                           | 69.81                  | 1.45                             |
| CHAID node 6 = enrollment status = in school in grade; parent graduated from college; family composition is mother and father or mother and male guardian                                                                                                              | 2,060                         | 86.46                  | 1.22                             |
| CHAID node 7 = enrollment status = in school in grade; parent graduated from college; family composition is mother only                                                                                                                                                | 417                           | 82.44                  | 1.23                             |
| CHAID node 8 = enrollment status = in school in grade; parent completed Master's degree or higher; enrollment status for spring 2004 is enrolled BY school or homeschooled                                                                                             | 2,065                         | 90.85                  | 1.17                             |
| CHAID node 9 = enrollment status = in school in grade; parent completed Master's degree or higher; enrollment status for spring 2004 is dropped out or enrolled transfer school or graduated early/early GED or out of scope                                           | 170                           | 77.31                  | 1.32                             |
| CHAID node 10 = enrollment status = in school in grade; parent completed Master's degree or higher; enrollment status for spring 2004 is unknown                                                                                                                       | 187                           | 86.12                  | 1.21                             |
| CHAID node 11 = enrollment status = in school out of grade; final enrollment status = enrolled BY school                                                                                                                                                               | 134                           | 52.63                  | 1.83                             |
| CHAID node 12 = enrollment status = in school out of grade; final enrollment status = graduated early/early GED; enrollment status for spring 2004 is enrolled BY school or graduated early/early GED or unknown                                                       | 317                           | 64.99                  | 1.81                             |

See notes at end of table.

**Table F–9. Average weight adjustment factors used to adjust the panel weight F3F1PNLWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                     | Number of<br>responding<br>students | Weighted<br>response<br>rate | Average weight<br>adjustment<br>factor |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|----------------------------------------|
| CHAID nodes—Continued                                                                                                                                                                                                         |                                     |                              |                                        |
| CHAID node 13 = enrollment status = in school out of grade; final enrollment status = graduated early/early GED; enrollment status for spring 2004 is dropped out or enrolled transfer school or homeschooled or out of scope | 146                                 | 86.41                        | 1.81                                   |
| CHAID node 14 = enrollment status = in school out of grade; final enrollment status = enrolled transfer school; enrollment status for spring 2004 is not enrolled transfer school                                             | 31                                  | 58.55                        | 1.85                                   |
| CHAID node 15 = enrollment status = in school out of grade; final enrollment status = enrolled transfer school; enrollment status for spring 2004 is enrolled transfer school                                                 | 75                                  | 24.63                        | 1.82                                   |
| CHAID node 16 = enrollment status = out of school; enrollment status for spring 2004 is enrolled BY school or dropped out or graduated early/early GED or homeschooled or out of scope                                        | 377                                 | 57.63                        | 1.77                                   |
| CHAID node 17 = enrollment status = out of school; enrollment status for spring 2004 is enrolled transfer school or unknown                                                                                                   | 178                                 | 78.33                        | 1.34                                   |

**Table F–10. Average weight adjustment factors for calibrating the panel weight F3F1PNLWT to control totals, by selected characteristics: 2012**

| Model variables                             | Control total | Average weight adjustment factor |
|---------------------------------------------|---------------|----------------------------------|
| Total                                       | 3,287,051     | 1.03                             |
| Census Region                               |               |                                  |
| Northeast                                   | 612,677       | 1.06                             |
| Midwest                                     | 798,909       | 1.03                             |
| South                                       | 1,131,379     | 1.02                             |
| West                                        | 744,086       | 1.02                             |
| School sector                               |               |                                  |
| Public                                      | 3,035,051     | 1.02                             |
| Catholic                                    | 140,081       | 1.03                             |
| Other private                               | 111,920       | 1.08                             |
| Sex                                         |               |                                  |
| Male                                        | 1,615,941     | 1.03                             |
| Female                                      | 1,671,110     | 1.03                             |
| Race/ethnicity                              |               |                                  |
| Asian                                       | 535,352       | 1.04                             |
| Black or African American                   | 138,104       | 1.03                             |
| Hispanic or Latino                          | 469,893       | 1.04                             |
| All other races                             | 2,143,702     | 1.03                             |
| 10th-grade cohort status                    |               |                                  |
| Not sophomore cohort member                 | 38,231        | 1.02                             |
| Sophomore cohort member                     | 3,248,820     | 1.03                             |
| 12th-grade cohort status                    |               |                                  |
| Not senior cohort member                    | 442,810       | 0.90                             |
| Senior cohort member                        | 2,844,241     | 1.05                             |
| 10th-grade cohort status and race/ethnicity |               |                                  |
| Not sophomore cohort, Hispanic              | 14,745        | 1.20                             |
| Asian nonsophomore cohort member            | 2,803         | 1.18                             |
| Black nonsophomore cohort member            | 4,494         | 1.09                             |
| White/other nonsophomore cohort member      | 16,189        | 0.84                             |
| Asian sophomore cohort member               | 520,607       | 1.04                             |
| Black sophomore cohort member               | 135,301       | 1.02                             |
| Hispanic sophomore cohort member            | 465,399       | 1.04                             |
| White/other sophomore cohort member         | 2,127,512     | 1.03                             |

See notes at end of table.

**Table F-10. Average weight adjustment factors for calibrating the panel weight F3F1PNLWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                                 | Control total | Average weight adjustment factor |
|-------------------------------------------------|---------------|----------------------------------|
| Region and 10th-grade cohort status             |               |                                  |
| Nonsophomore cohort member—Northeast            | 10,090        | 1.12                             |
| Nonsophomore cohort member—Midwest              | 4,514         | 0.84                             |
| Nonsophomore cohort member—South                | 13,733        | 1.09                             |
| Nonsophomore cohort member—West                 | 9,894         | 0.94                             |
| Sophomore cohort member—Northeast               | 602,588       | 1.06                             |
| Sophomore cohort member—Midwest                 | 794,395       | 1.03                             |
| Sophomore cohort member—South                   | 1,117,646     | 1.02                             |
| Sophomore cohort member—West                    | 734,192       | 1.02                             |
| School sector and 10th-grade cohort status      |               |                                  |
| Public school nonsophomore cohort member        | 36,127        | 1.01                             |
| Catholic school nonsophomore cohort member      | 50            | 1.00                             |
| Other private school nonsophomore cohort member | 2,054         | 1.13                             |
| Public school sophomore cohort member           | 2,998,924     | 1.02                             |
| Catholic school sophomore cohort member         | 140,030       | 1.03                             |
| Other private school sophomore cohort member    | 109,866       | 1.08                             |
| Sex and 10th-grade cohort status                |               |                                  |
| Male nonsophomore cohort member                 | 21,177        | 1.07                             |
| Female nonsophomore cohort member               | 17,054        | 0.98                             |
| Male sophomore cohort member                    | 1,594,765     | 1.03                             |
| Female sophomore cohort member                  | 1,654,055     | 1.03                             |
| 12th-grade cohort status and race/ethnicity     |               |                                  |
| Hispanic nonsenior cohort member                | 109,789       | 0.88                             |
| Asian nonsenior cohort member                   | 11,515        | 0.85                             |
| Black nonsenior cohort member                   | 92,015        | 0.89                             |
| White/other nonsenior cohort member             | 229,490       | 0.91                             |
| Asian senior cohort member                      | 425,562       | 1.08                             |
| Hispanic senior cohort member                   | 126,589       | 1.04                             |
| Black senior cohort member                      | 377,878       | 1.07                             |
| White/other senior cohort member                | 1,914,212     | 1.04                             |
| Region and 12th-grade cohort status             |               |                                  |
| Nonsenior cohort member—Northeast               | 72,878        | 1.01                             |
| Nonsenior cohort member—Midwest                 | 93,097        | 0.88                             |
| Nonsenior cohort member—South                   | 171,534       | 0.86                             |
| Nonsenior cohort member—West                    | 105,301       | 0.91                             |
| Senior cohort member—Northeast                  | 539,799       | 1.06                             |
| Senior cohort member—Midwest                    | 705,812       | 1.04                             |
| Senior cohort member—South                      | 959,844       | 1.04                             |
| Senior cohort member—West                       | 638,786       | 1.04                             |

See notes at end of table.

**Table F-10. Average weight adjustment factors for calibrating the panel weight F3F1PNLWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                              | Control total | Average weight adjustment factor |
|----------------------------------------------|---------------|----------------------------------|
| School sector and 12th-grade cohort status   |               |                                  |
| Public school nonsenior cohort member        | 431,404       | 0.91                             |
| Catholic school nonsenior cohort member      | 3,169         | 0.96                             |
| Other private school nonsenior cohort member | 8,237         | 0.63                             |
| Public school senior cohort member           | 2,603,647     | 1.04                             |
| Catholic school senior cohort member         | 136,911       | 1.03                             |
| Other private school senior cohort member    | 103,683       | 1.11                             |
| Sex and 12th-grade cohort status             |               |                                  |
| Male nonsenior cohort member                 | 235,337       | 0.88                             |
| Female nonsenior cohort member               | 207,473       | 0.91                             |
| Male senior cohort member                    | 1,380,604     | 1.05                             |
| Female senior cohort member                  | 1,463,637     | 1.05                             |

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012**

| Model predictor variables                                        | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Total                                                            | 11,274                        | 89.67                  | 1.11                             |
| School sector                                                    |                               |                        |                                  |
| Public                                                           | 8,624                         | 89.60                  | 1.12                             |
| Catholic                                                         | 1,586                         | 94.95                  | 1.05                             |
| Other private                                                    | 1,064                         | 84.85                  | 1.17                             |
| School urbanicity                                                |                               |                        |                                  |
| Suburban                                                         | 3,711                         | 84.55                  | 1.16                             |
| Urban                                                            | 5,515                         | 92.47                  | 1.09                             |
| Rural                                                            | 2,048                         | 90.26                  | 1.11                             |
| Census Region                                                    |                               |                        |                                  |
| Northeast                                                        | 1,950                         | 84.12                  | 1.19                             |
| Midwest                                                          | 2,973                         | 91.61                  | 1.08                             |
| South                                                            | 4,024                         | 88.66                  | 1.12                             |
| West                                                             | 2,327                         | 93.68                  | 1.08                             |
| 10th-grade enrollment                                            |                               |                        |                                  |
| 0–99                                                             | 2,193                         | 89.07                  | 1.14                             |
| 100–249                                                          | 3,025                         | 92.77                  | 1.07                             |
| 250–499                                                          | 3,666                         | 91.07                  | 1.10                             |
| >= 500                                                           | 2,390                         | 85.79                  | 1.17                             |
| Type of grades within school                                     |                               |                        |                                  |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 740                           | 87.83                  | 1.16                             |
| Middle grades but no elementary                                  | 1,185                         | 91.79                  | 1.08                             |
| Only high school                                                 | 9,349                         | 89.58                  | 1.11                             |
| Number of grades within the school                               |                               |                        |                                  |
| 4                                                                | 8,567                         | 89.18                  | 1.12                             |
| > or < 4                                                         | 2,707                         | 91.58                  | 1.09                             |
| Number of days in school year                                    |                               |                        |                                  |
| Less than 180 days                                               | 3,009                         | 91.62                  | 1.10                             |
| 180 days                                                         | 6,183                         | 88.39                  | 1.13                             |
| More than 180 days                                               | 2,082                         | 90.98                  | 1.10                             |
| Minutes per class period                                         |                               |                        |                                  |
| <= 45                                                            | 2,603                         | 81.90                  | 1.20                             |
| 46–50                                                            | 2,476                         | 92.35                  | 1.07                             |
| 51–80                                                            | 3,051                         | 91.38                  | 1.09                             |
| >= 81                                                            | 3,144                         | 90.99                  | 1.10                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|------------------------------|-------------------------------|------------------------|----------------------------------|
| Class periods per day        |                               |                        |                                  |
| 1–4                          | 3,253                         | 90.23                  | 1.11                             |
| 5–6                          | 2,772                         | 92.30                  | 1.08                             |
| 7                            | 3,009                         | 85.93                  | 1.16                             |
| 8–9                          | 2,240                         | 90.03                  | 1.10                             |
| IEP percentage               |                               |                        |                                  |
| <= 5 percent                 | 4,544                         | 89.21                  | 1.11                             |
| 6–10 percent                 | 2,833                         | 89.43                  | 1.12                             |
| 11–15 percent                | 2,513                         | 92.03                  | 1.09                             |
| > 15 percent                 | 1,384                         | 86.57                  | 1.16                             |
| LEP percentage               |                               |                        |                                  |
| 0 percent                    | 5,066                         | 91.71                  | 1.09                             |
| 1 percent                    | 2,240                         | 88.84                  | 1.13                             |
| 2–5 percent                  | 1,808                         | 87.73                  | 1.15                             |
| >= 6 percent                 | 2,160                         | 89.08                  | 1.12                             |
| Free or reduced-price lunch  |                               |                        |                                  |
| 0 percent                    | 2,115                         | 89.51                  | 1.12                             |
| 1–10 percent                 | 2,612                         | 89.48                  | 1.11                             |
| 11–30 percent                | 3,434                         | 91.59                  | 1.09                             |
| >= 31 percent                | 3,113                         | 87.62                  | 1.13                             |
| Number of full-time teachers |                               |                        |                                  |
| 1–40                         | 2,985                         | 90.15                  | 1.12                             |
| 41–70                        | 2,948                         | 92.95                  | 1.07                             |
| 71–100                       | 2,856                         | 88.88                  | 1.12                             |
| > 100                        | 2,485                         | 87.49                  | 1.14                             |
| Number of part-time teachers |                               |                        |                                  |
| 0–1                          | 2,990                         | 84.92                  | 1.17                             |
| 2–3                          | 3,379                         | 92.35                  | 1.08                             |
| 4–6                          | 2,802                         | 91.06                  | 1.10                             |
| >= 7                         | 2,103                         | 91.83                  | 1.10                             |
| Full-time teachers certified |                               |                        |                                  |
| 0–90 percent                 | 2,895                         | 85.90                  | 1.14                             |
| 91–99 percent                | 1,955                         | 88.06                  | 1.14                             |
| 100 percent                  | 6,424                         | 91.12                  | 1.09                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| School coeducational status                     |                               |                        |                                  |
| Coeducational school                            | 10,647                        | 89.60                  | 1.12                             |
| All-female school                               | 275                           | 85.82                  | 1.16                             |
| All-male school                                 | 352                           | 99.37                  | 1.01                             |
| Total enrollment                                |                               |                        |                                  |
| 0–600 students                                  | 2,728                         | 91.47                  | 1.11                             |
| 601–1,200 students                              | 3,479                         | 92.17                  | 1.08                             |
| 1,201–1,800 students                            | 2,547                         | 88.92                  | 1.13                             |
| > 1,800 students                                | 2,520                         | 86.86                  | 1.15                             |
| Asian 10th-grade enrollment                     |                               |                        |                                  |
| <= 2 percent                                    | 4,389                         | 88.84                  | 1.12                             |
| > 2 percent                                     | 6,885                         | 90.19                  | 1.11                             |
| Black or African American 10th-grade enrollment |                               |                        |                                  |
| <= 4 percent                                    | 4,006                         | 91.64                  | 1.10                             |
| > 4 percent                                     | 7,268                         | 88.63                  | 1.12                             |
| Hispanic or Latino 10th-grade enrollment        |                               |                        |                                  |
| <= 3 percent                                    | 4,568                         | 92.43                  | 1.09                             |
| > 3 percent                                     | 6,706                         | 87.98                  | 1.13                             |
| All other races 10th-grade enrollment           |                               |                        |                                  |
| <= 80 percent                                   | 5,350                         | 87.90                  | 1.14                             |
| 80 percent                                      | 5,924                         | 91.51                  | 1.09                             |
| Sex                                             |                               |                        |                                  |
| Male                                            | 5,351                         | 89.31                  | 1.11                             |
| Female                                          | 5,923                         | 90.01                  | 1.11                             |
| Race/ethnicity                                  |                               |                        |                                  |
| Asian                                           | 1,558                         | 86.17                  | 1.16                             |
| Black or African American                       | 1,127                         | 88.36                  | 1.13                             |
| Hispanic or Latino                              | 1,339                         | 83.54                  | 1.20                             |
| All other races                                 | 7,250                         | 91.97                  | 1.08                             |
| Family Composition                              |                               |                        |                                  |
| Mother and Father                               | 7,090                         | 91.35                  | 1.09                             |
| Mother and male guardian                        | 1,237                         | 86.91                  | 1.15                             |
| Father and female guardian                      | 318                           | 88.95                  | 1.12                             |
| Two guardians                                   | 168                           | 88.73                  | 1.11                             |
| Mother only                                     | 1,860                         | 86.41                  | 1.16                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                   | Number of responding students | Weighted response rate | Average weight adjustment factor |
|---------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Family Composition—Continued                |                               |                        |                                  |
| Father only                                 | 321                           | 91.21                  | 1.09                             |
| Female guardian only                        | 132                           | 89.38                  | 1.10                             |
| Male guardian only                          | 32                            | 91.34                  | 1.16                             |
| Lives with student less than half the year  | 116                           | 87.09                  | 1.15                             |
| Parental education                          |                               |                        |                                  |
| Did not finish high school                  | 634                           | 88.37                  | 1.12                             |
| Graduated from high school                  | 2,095                         | 89.59                  | 1.11                             |
| Attended 2-year school, no degree           | 1,182                         | 88.51                  | 1.12                             |
| Graduated from 2-year school                | 1,179                         | 90.78                  | 1.10                             |
| Attended college, no 4-year degree          | 1,234                         | 87.58                  | 1.14                             |
| Graduated from college                      | 2,652                         | 90.89                  | 1.11                             |
| Completed master's degree or equivalent     | 1,466                         | 90.26                  | 1.11                             |
| Completed Ph.D, M.D., other advanced degree | 832                           | 89.88                  | 1.11                             |
| Mother's occupation                         |                               |                        |                                  |
| No job for pay                              | 419                           | 89.29                  | 1.12                             |
| Clerical                                    | 1,849                         | 89.67                  | 1.11                             |
| Craftsperson                                | 252                           | 89.23                  | 1.12                             |
| Farmer, farm manager, or laborer            | 518                           | 88.26                  | 1.13                             |
| Homemaker                                   | 541                           | 85.68                  | 1.16                             |
| Manager, administrator                      | 1,210                         | 89.64                  | 1.12                             |
| Military or protective service              | 100                           | 87.05                  | 1.16                             |
| Operative                                   | 455                           | 91.12                  | 1.10                             |
| Professional a                              | 1,737                         | 92.47                  | 1.08                             |
| Professional b                              | 442                           | 89.21                  | 1.12                             |
| Proprietor, owner                           | 269                           | 91.23                  | 1.11                             |
| Sales                                       | 463                           | 87.59                  | 1.15                             |
| School teacher                              | 795                           | 91.46                  | 1.10                             |
| Service                                     | 1,679                         | 88.93                  | 1.12                             |
| Technical                                   | 545                           | 89.53                  | 1.12                             |
| Father's occupation                         |                               |                        |                                  |
| No job for pay                              | 107                           | 82.08                  | 1.22                             |
| Clerical                                    | 251                           | 86.26                  | 1.16                             |
| Craftsperson                                | 1,419                         | 89.40                  | 1.11                             |
| Farmer, farm manager, or laborer            | 219                           | 93.57                  | 1.07                             |
| Homemaker                                   | 243                           | 88.07                  | 1.12                             |
| Laborer                                     | 1,120                         | 88.92                  | 1.13                             |
| Manager, administrator                      | 1,722                         | 90.02                  | 1.11                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                    | Number of responding students | Weighted response rate | Average weight adjustment factor |
|----------------------------------------------|-------------------------------|------------------------|----------------------------------|
| Father's occupation—Continued                |                               |                        |                                  |
| Military                                     | 146                           | 89.88                  | 1.14                             |
| Operative                                    | 1,247                         | 89.24                  | 1.11                             |
| Professional a                               | 1,284                         | 91.96                  | 1.09                             |
| Professional b                               | 724                           | 91.52                  | 1.09                             |
| Proprietor, owner                            | 678                           | 88.55                  | 1.13                             |
| Proprietor, service                          | 384                           | 89.95                  | 1.12                             |
| Sales                                        | 579                           | 89.76                  | 1.13                             |
| School teacher                               | 176                           | 90.82                  | 1.09                             |
| Service                                      | 439                           | 86.48                  | 1.14                             |
| Technical                                    | 536                           | 90.65                  | 1.11                             |
| Socioeconomic status (SES)                   |                               |                        |                                  |
| Lowest quartile                              | 2,460                         | 88.14                  | 1.13                             |
| Second quartile                              | 2,604                         | 89.42                  | 1.11                             |
| Third quartile                               | 2,736                         | 88.65                  | 1.13                             |
| Highest quartile                             | 3,474                         | 92.45                  | 1.09                             |
| English as native language                   |                               |                        |                                  |
| English is not the student's native language | 1,845                         | 85.33                  | 1.17                             |
| English is the student's native language     | 9,429                         | 90.38                  | 1.10                             |
| 10th-grade cohort status                     |                               |                        |                                  |
| Not sophomore cohort member                  | 111                           | 92.56                  | 1.07                             |
| Sophomore cohort member                      | 11,163                        | 89.63                  | 1.11                             |
| 12th-grade cohort status                     |                               |                        |                                  |
| Not senior cohort member                     | 1,006                         | 80.35                  | 1.26                             |
| Senior cohort member                         | 10,268                        | 91.12                  | 1.10                             |
| Income                                       |                               |                        |                                  |
| \$1,000 or less                              | 158                           | 88.89                  | 1.12                             |
| \$1,001 to \$5,000                           | 183                           | 81.52                  | 1.23                             |
| \$5,001 to \$10,000                          | 216                           | 86.97                  | 1.15                             |
| \$10,001 to \$15,000                         | 431                           | 84.98                  | 1.18                             |
| \$15,001 to \$20,000                         | 493                           | 87.49                  | 1.15                             |
| \$20,001 to \$25,000                         | 627                           | 86.40                  | 1.17                             |
| \$25,001 to \$35,000                         | 1,270                         | 90.33                  | 1.11                             |
| \$35,001 to \$50,000                         | 2,055                         | 88.69                  | 1.13                             |
| \$50,001 to \$75,000                         | 2,415                         | 90.59                  | 1.10                             |
| \$75,001 to \$100,000                        | 1,608                         | 91.89                  | 1.08                             |
| \$100,001 to \$200,000                       | 1,392                         | 93.48                  | 1.06                             |
| \$200,001 or more                            | 426                           | 88.45                  | 1.15                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                                                                                                       | Number of responding students | Weighted response rate | Average weight adjustment factor |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes                                                                                                                                                                                                                                     |                               |                        |                                  |
| CHAID node 1 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public southeast                                                                                                                                     | 570                           | 96.87                  | 1.03                             |
| CHAID node 2 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public far west or public rocky mountain or public great lakes or private north central                                                              | 2,799                         | 99.37                  | 1.01                             |
| CHAID node 3 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public southwest or public plains or public mid-east or private northeast                                                                            | 3,502                         | 94.53                  | 1.06                             |
| CHAID node 4 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: public new england                                                                                                                                   | 1,178                         | 89.55                  | 1.13                             |
| CHAID node 5 = enrollment status for spring 2004 is enrolled BY school; schtype/region is: private southeast or private west                                                                                                                    | 1,033                         | 92.29                  | 1.07                             |
| CHAID node 6 = enrollment status for spring 2004 is enrolled BY school; region of school is northeast or south; total enrollment is 0–1200 students                                                                                             | 209                           | 75.93                  | 1.33                             |
| CHAID node 7 = enrollment status for spring 2004 is enrolled BY school; region of school is northeast or south; total enrollment is >1200 students                                                                                              | 148                           | 57.79                  | 1.80                             |
| CHAID node 8 = enrollment status for spring 2004 is enrolled BY school; region of school is midwest or west; school only contains high-school grades                                                                                            | 385                           | 84.65                  | 1.16                             |
| CHAID node 9 = enrollment status for spring 2004 is enrolled BY school; region of school is midwest or west; school contains middle grades but no elementary grades or school contains K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 | 48                            | 50.56                  | 1.93                             |
| CHAID node 10 = enrollment status for spring 2004 is graduated early/early GED or out of scope                                                                                                                                                  | 291                           | 89.55                  | 1.13                             |
| CHAID node 11 = enrollment status for spring 2004 is graduated early/early GED or out of scope; final enrollment status is enrolled BY school or dropped out or graduated early/early GED or homeschooled                                       | 386                           | 85.20                  | 1.16                             |
| CHAID node 12 = enrollment status for spring 2004 is graduated early/early GED or out of scope; final enrollment status is enrolled transfer school                                                                                             | 56                            | 62.82                  | 1.48                             |
| CHAID node 13 = enrollment status for spring 2004 is unknown; schtype/region is: public southeast or public far west or public great lakes or private north central or private northeast                                                        | 253                           | 87.92                  | 1.22                             |

See notes at end of table.

**Table F-11. Average weight adjustment factors used to adjust the panel transcript weight F3F1TSCWT for refusal and other nonresponse, by selected characteristics: 2012—Continued**

| Model predictor variables                                                                                                                                            | Number of responding students | Weighted response rate | Average weight adjustment factor |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|----------------------------------|
| CHAID nodes—Continued                                                                                                                                                |                               |                        |                                  |
| CHAID node 14 = enrollment status for spring 2004 is unknown; schtype/region is: public rocky mountain or public mid-east or private southeast                       | 153                           | 62.00                  | 1.60                             |
| CHAID node 15 = enrollment status for spring 2004 is unknown; schtype/region is: public southwest                                                                    | 106                           | 75.50                  | 1.35                             |
| CHAID node 16 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; 0–1 or > =4 part time teachers | 40                            | 17.72                  | 2.32                             |
| CHAID node 17 = enrollment status for spring 2004 is unknown; schtype/region is: public new england or public plains or private west; 2–3 part time teachers         | 117                           | 76.48                  | 2.13                             |

**Table F-12. Average weight adjustment factors for calibrating the panel transcript weight F3F1TSCWT to control totals, by selected characteristics: 2012**

| Model variables                             | Control total | Average weight adjustment factor |
|---------------------------------------------|---------------|----------------------------------|
| Total                                       | 3,287,051     | 1.00                             |
| Census Region                               |               |                                  |
| Northeast                                   | 612,677       | 1.00                             |
| Midwest                                     | 798,909       | 1.00                             |
| South                                       | 1,131,379     | 1.00                             |
| West                                        | 744,086       | 1.00                             |
| School sector                               |               |                                  |
| Public                                      | 3,035,051     | 1.00                             |
| Catholic                                    | 140,081       | 1.00                             |
| Other private                               | 111,920       | 1.00                             |
| Sex                                         |               |                                  |
| Male                                        | 1,615,941     | 1.00                             |
| Female                                      | 1,671,110     | 1.00                             |
| Race/ethnicity                              |               |                                  |
| Asian                                       | 535,352       | 1.00                             |
| Black or African American                   | 138,104       | 1.00                             |
| Hispanic or Latino                          | 469,893       | 1.00                             |
| All other races                             | 2,143,702     | 1.00                             |
| 10th-grade cohort status                    |               |                                  |
| Not sophomore cohort member                 | 38,231        | 0.99                             |
| Sophomore cohort member                     | 3,248,820     | 1.00                             |
| 12th-grade cohort status                    |               |                                  |
| Not senior cohort member                    | 442,810       | 1.01                             |
| Senior cohort member                        | 2,844,241     | 1.00                             |
| 10th-grade cohort status and race/ethnicity |               |                                  |
| Not sophomore cohort, Hispanic              | 14,745        | 1.09                             |
| Asian nonsophomore cohort member            | 2,803         | 0.97                             |
| Black nonsophomore cohort member            | 4,494         | 0.86                             |
| White/other nonsophomore cohort member      | 16,189        | 0.97                             |
| Asian sophomore cohort member               | 520,607       | 1.00                             |
| Black sophomore cohort member               | 135,301       | 1.00                             |
| Hispanic sophomore cohort member            | 465,399       | 1.00                             |
| White/other sophomore cohort member         | 2,127,512     | 1.00                             |
| Region and 10th-grade cohort status         |               |                                  |
| Nonsophomore cohort member—Northeast        | 10,090        | 0.99                             |
| Nonsophomore cohort member—Midwest          | 4,514         | 0.95                             |

See notes at end of table.

**Table F-12. Average weight adjustment factors for calibrating the panel transcript weight F3F1TSCWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                                 | Control total | Average weight adjustment factor |
|-------------------------------------------------|---------------|----------------------------------|
| Region and 10th-grade cohort status—Continued   |               |                                  |
| Nonsophomore cohort member—South                | 13,733        | 1.03                             |
| Nonsophomore cohort member—West                 | 9,894         | 0.96                             |
| Sophomore cohort member—Northeast               | 602,588       | 1.00                             |
| Sophomore cohort member—Midwest                 | 794,395       | 1.00                             |
| Sophomore cohort member—South                   | 1,117,646     | 1.00                             |
| Sophomore cohort member—West                    | 734,192       | 1.00                             |
| School sector and 10th-grade cohort status      |               |                                  |
| Public school nonsophomore cohort member        | 36,127        | 0.99                             |
| Catholic school nonsophomore cohort member      | 50            | 1.00                             |
| Other private school nonsophomore cohort member | 2,054         | 0.94                             |
| Public school sophomore cohort member           | 2,998,924     | 1.00                             |
| Catholic school sophomore cohort member         | 140,030       | 1.00                             |
| Other private school sophomore cohort member    | 109,866       | 1.00                             |
| Sex and 10th-grade cohort status                |               |                                  |
| Male nonsophomore cohort member                 | 21,177        | 1.01                             |
| Female nonsophomore cohort member               | 17,054        | 0.96                             |
| Male sophomore cohort member                    | 1,594,765     | 1.00                             |
| Female sophomore cohort member                  | 1,654,055     | 1.00                             |
| 12th-grade cohort status and race/ethnicity     |               |                                  |
| Hispanic nonsenior cohort member                | 109,789       | 0.93                             |
| Asian nonsenior cohort member                   | 11,515        | 1.11                             |
| Black nonsenior cohort member                   | 92,015        | 1.08                             |
| White/other nonsenior cohort member             | 229,490       | 1.01                             |
| Asian senior cohort member                      | 425,562       | 1.02                             |
| Hispanic senior cohort member                   | 126,589       | 0.99                             |
| Black senior cohort member                      | 377,878       | 0.98                             |
| White/other senior cohort member                | 1,914,212     | 1.00                             |
| Region and 12th-grade cohort status             |               |                                  |
| Nonsenior cohort member—Northeast               | 72,878        | 1.06                             |
| Nonsenior cohort member—Midwest                 | 93,097        | 1.00                             |
| Nonsenior cohort member—South                   | 171,534       | 1.02                             |
| Nonsenior cohort member—West                    | 105,301       | 0.99                             |
| Senior cohort member—Northeast                  | 539,799       | 0.99                             |
| Senior cohort member—Midwest                    | 705,812       | 1.00                             |
| Senior cohort member—South                      | 959,844       | 1.00                             |
| Senior cohort member—West                       | 638,786       | 1.00                             |

See notes at end of table.

**Table F-12. Average weight adjustment factors for calibrating the panel transcript weight F3F1TSCWT to control totals, by selected characteristics: 2012—Continued**

| Model variables                              | Control total | Average weight adjustment factor |
|----------------------------------------------|---------------|----------------------------------|
| School sector and 12th-grade cohort status   |               |                                  |
| Public school nonsenior cohort member        | 431,404       | 1.00                             |
| Catholic school nonsenior cohort member      | 3,169         | 0.77                             |
| Other private school nonsenior cohort member | 8,237         | 1.41                             |
| Public school senior cohort member           | 2,603,647     | 1.00                             |
| Catholic school senior cohort member         | 136,911       | 1.01                             |
| Other private school senior cohort member    | 103,683       | 0.98                             |
| Sex and 12th-grade cohort status             |               |                                  |
| Male nonsenior cohort member                 | 235,337       | 1.04                             |
| Female nonsenior cohort member               | 207,473       | 0.99                             |
| Male senior cohort member                    | 1,380,604     | 1.00                             |
| Female senior cohort member                  | 1,463,637     | 1.00                             |

## **Appendix G. Design Effects**

---

*This page left intentionally blank.*

**Table G-1. Student design effects, by item, using third follow-up questionnaire weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 13,250 | 12.7     | 0.45                     | 0.29                                      | 2.46 | 1.57 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 13,250 | 83.4     | 0.54                     | 0.32                                      | 2.81 | 1.68 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 13,250 | 5.7      | 0.27                     | 0.20                                      | 1.84 | 1.36 |
| Ever attended a postsecondary school                                  | F3A11=1           | 13,246 | 84.2     | 0.46                     | 0.32                                      | 2.14 | 1.46 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 10,476 | 54.7     | 0.65                     | 0.49                                      | 1.80 | 1.34 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 13,227 | 23.8     | 0.42                     | 0.37                                      | 1.32 | 1.15 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 13,247 | 97.8     | 0.15                     | 0.13                                      | 1.50 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 10,956 | 71.4     | 0.54                     | 0.43                                      | 1.56 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 10,097 | 0.6      | 0.10                     | 0.08                                      | 1.52 | 1.23 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 10,097 | 14.3     | 0.46                     | 0.35                                      | 1.71 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 10,097 | 1.1      | 0.13                     | 0.10                                      | 1.71 | 1.31 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 10,097 | 6.9      | 0.30                     | 0.25                                      | 1.38 | 1.18 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 10,097 | 2.7      | 0.19                     | 0.16                                      | 1.36 | 1.17 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 10,097 | 8.8      | 0.33                     | 0.28                                      | 1.34 | 1.16 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 8,958  | 30.8     | 0.61                     | 0.49                                      | 1.55 | 1.25 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 13,100 | 45.8     | 0.61                     | 0.44                                      | 1.94 | 1.39 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 13,100 | 28.2     | 0.57                     | 0.39                                      | 2.08 | 1.44 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 11,778 | 26.4     | 0.90                     | 0.82                                      | 1.23 | 1.11 |
| Number of siblings living with respondent                             | F3D15B=continuous | 11,787 | 23.1     | 0.85                     | 0.58                                      | 2.15 | 1.47 |
| Respondent performed community service in past 2 years                | F3D40=1           | 11,860 | 39.2     | 0.60                     | 0.45                                      | 1.78 | 1.33 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,924  | 19.9     | 0.62                     | 0.57                                      | 1.19 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,924  | 37.4     | 0.94                     | 0.69                                      | 1.85 | 1.36 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 11,822 | 61.3     | 0.66                     | 0.45                                      | 2.14 | 1.46 |
| Respondent served in military                                         | F3B01=1           | 11,616 | 2.4      | 0.17                     | 0.14                                      | 1.53 | 1.24 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 11,751 | 1.1      | 0.00                     | 0.00                                      | 1.26 | 1.12 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 11,735 | 1.3      | 0.01                     | 0.01                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 12,068 | 66.8     | 0.53                     | 0.43                                      | 1.52 | 1.23 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 10,464 | 1.5      | 0.01                     | 0.01                                      | 1.63 | 1.28 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.71 | 1.30 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.19 | 1.09 |
| Median                                                                |                   |        |          |                          |                                           | 1.60 | 1.26 |
| Maximum                                                               |                   |        |          |                          |                                           | 2.81 | 1.68 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.39 | 0.14 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-2. Student design effects, by item, using third follow-up questionnaire weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,271 | 14.8     | 0.63                     | 0.45                                      | 1.97 | 1.40 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,271 | 80.7     | 0.71                     | 0.50                                      | 2.06 | 1.43 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,271 | 7.0      | 0.39                     | 0.32                                      | 1.50 | 1.22 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,269 | 80.3     | 0.67                     | 0.50                                      | 1.76 | 1.33 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,679 | 49.0     | 0.93                     | 0.73                                      | 1.62 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,258 | 25.0     | 0.64                     | 0.55                                      | 1.36 | 1.17 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,269 | 98.6     | 0.18                     | 0.15                                      | 1.40 | 1.18 |
| Current employer offers health insurance                              | F3B24=1           | 5,094 | 72.9     | 0.70                     | 0.62                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,812 | 1.1      | 0.19                     | 0.15                                      | 1.51 | 1.23 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,812 | 16.5     | 0.64                     | 0.54                                      | 1.44 | 1.20 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,812 | 1.9      | 0.26                     | 0.20                                      | 1.67 | 1.29 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,812 | 7.1      | 0.44                     | 0.37                                      | 1.41 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,812 | 3.4      | 0.31                     | 0.26                                      | 1.40 | 1.18 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,812 | 4.7      | 0.33                     | 0.31                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,198 | 30.2     | 0.94                     | 0.71                                      | 1.75 | 1.32 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,191 | 50.7     | 0.80                     | 0.64                                      | 1.59 | 1.26 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,191 | 25.6     | 0.75                     | 0.55                                      | 1.81 | 1.35 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,474 | 34.5     | 1.57                     | 1.45                                      | 1.18 | 1.08 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,477 | 26.0     | 1.15                     | 0.89                                      | 1.68 | 1.30 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,502 | 35.9     | 0.80                     | 0.65                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,091 | 20.5     | 1.00                     | 0.88                                      | 1.28 | 1.13 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,091 | 36.5     | 1.43                     | 1.05                                      | 1.85 | 1.36 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,489 | 56.8     | 0.89                     | 0.67                                      | 1.77 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 5,274 | 4.1      | 0.34                     | 0.27                                      | 1.53 | 1.24 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,460 | 1.1      | 0.00                     | 0.00                                      | 1.42 | 1.19 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,451 | 1.3      | 0.01                     | 0.01                                      | 1.26 | 1.12 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,609 | 72.6     | 0.69                     | 0.60                                      | 1.36 | 1.17 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,679 | 1.6      | 0.01                     | 0.01                                      | 1.67 | 1.29 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.54 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.18 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.52 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.06 | 1.43 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.23 | 0.09 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-3. Student design effects, by item, using third follow-up questionnaire weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,979 | 10.6     | 0.50                     | 0.37                                      | 1.87 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,979 | 86.0     | 0.66                     | 0.42                                      | 2.53 | 1.59 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,979 | 4.5      | 0.34                     | 0.25                                      | 1.87 | 1.37 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,977 | 88.1     | 0.54                     | 0.39                                      | 1.94 | 1.39 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,797 | 59.6     | 0.84                     | 0.64                                      | 1.69 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,969 | 22.7     | 0.57                     | 0.50                                      | 1.31 | 1.14 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,978 | 97.2     | 0.25                     | 0.20                                      | 1.52 | 1.23 |
| Current employer offers health insurance                              | F3B24=1           | 5,862 | 70.0     | 0.75                     | 0.60                                      | 1.58 | 1.26 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,285 | 0.1      | 0.05                     | 0.05                                      | 0.95 | 0.98 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,285 | 12.1     | 0.57                     | 0.45                                      | 1.64 | 1.28 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,285 | 0.3      | 0.08                     | 0.07                                      | 1.50 | 1.22 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,285 | 6.8      | 0.42                     | 0.35                                      | 1.47 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,285 | 2.1      | 0.22                     | 0.20                                      | 1.32 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,285 | 12.8     | 0.57                     | 0.46                                      | 1.51 | 1.23 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,760 | 31.3     | 0.79                     | 0.67                                      | 1.39 | 1.18 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,909 | 41.2     | 0.83                     | 0.59                                      | 1.98 | 1.41 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,909 | 30.7     | 0.79                     | 0.56                                      | 2.01 | 1.42 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,304 | 18.9     | 0.94                     | 0.83                                      | 1.30 | 1.14 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,310 | 20.4     | 1.03                     | 0.75                                      | 1.85 | 1.36 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,358 | 42.2     | 0.76                     | 0.62                                      | 1.49 | 1.22 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,833 | 19.3     | 0.86                     | 0.74                                      | 1.34 | 1.16 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,833 | 38.1     | 1.12                     | 0.91                                      | 1.49 | 1.22 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,333 | 65.5     | 0.83                     | 0.60                                      | 1.92 | 1.38 |
| Respondent served in military                                         | F3B01=1           | 6,342 | 0.8      | 0.13                     | 0.11                                      | 1.28 | 1.13 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,291 | 1.1      | 0.00                     | 0.00                                      | 1.34 | 1.16 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,284 | 1.3      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,459 | 61.4     | 0.77                     | 0.61                                      | 1.63 | 1.28 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,785 | 1.4      | 0.01                     | 0.01                                      | 1.38 | 1.17 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.60 | 1.26 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.95 | 0.98 |
| Median                                                                |                   |       |          |                          |                                           | 1.52 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.53 | 1.59 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.32 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-4. Student design effects, by item, using third follow-up questionnaire weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 108 | 28.2     | 4.82                     | 4.35                                      | 1.23 | 1.11 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 108 | 66.9     | 5.30                     | 4.55                                      | 1.36 | 1.17 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 108 | 14.1     | 4.05                     | 3.37                                      | 1.45 | 1.20 |
| Ever attended a postsecondary school                                  | F3A11=1           | 108 | 69.4     | 5.48                     | 4.46                                      | 1.51 | 1.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 65  | 59.9     | 6.94                     | 6.13                                      | 1.28 | 1.13 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 106 | 23.0     | 4.72                     | 4.11                                      | 1.32 | 1.15 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 108 | 98.5     | 1.07                     | 1.19                                      | 0.81 | 0.90 |
| Current employer offers health insurance                              | F3B24=1           | 87  | 54.3     | 5.90                     | 5.37                                      | 1.21 | 1.10 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 78  | 3.3      | 2.40                     | 2.05                                      | 1.37 | 1.17 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 78  | 5.1      | 2.33                     | 2.50                                      | 0.87 | 0.93 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 78  | 1.8      | 1.20                     | 1.51                                      | 0.63 | 0.79 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 78  | 5.9      | 2.94                     | 2.69                                      | 1.20 | 1.09 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 78  | 1.5      | 1.14                     | 1.38                                      | 0.69 | 0.83 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 78  | 5.7      | 2.99                     | 2.64                                      | 1.29 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 68  | 18.2     | 4.56                     | 4.71                                      | 0.94 | 0.97 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 104 | 31.1     | 5.93                     | 4.56                                      | 1.69 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 104 | 33.6     | 6.47                     | 4.65                                      | 1.93 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 95  | 29.4     | 13.10                    | 11.24                                     | 1.36 | 1.17 |
| Number of siblings living with respondent                             | F3D15B=continuous | 95  | 29.9     | 7.42                     | 7.80                                      | 0.90 | 0.95 |
| Respondent performed community service in past 2 years                | F3D40=1           | 94  | 22.6     | 4.50                     | 4.34                                      | 1.08 | 1.04 |
| Volunteered with school/community organizations                       | F3D41E=1          | 25  | 20.8     | 11.00                    | 8.29                                      | 1.76 | 1.33 |
| Volunteered with church-related group                                 | F3D41D=1          | 25  | 33.6     | 11.12                    | 9.64                                      | 1.33 | 1.15 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 93  | 50.2     | 6.97                     | 5.21                                      | 1.79 | 1.34 |
| Respondent served in military                                         | F3B01=1           | 92  | 3.9      | 2.91                     | 2.03                                      | 2.06 | 1.44 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 94  | 1.1      | 0.03                     | 0.03                                      | 1.45 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 94  | 1.3      | 0.05                     | 0.06                                      | 0.95 | 0.98 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 96  | 55.6     | 6.21                     | 5.10                                      | 1.48 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 65  | 1.4      | 0.10                     | 0.08                                      | 1.47 | 1.21 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.30 | 1.13 |
| Minimum                                                               |                   |     |          |                          |                                           | 0.63 | 0.79 |
| Median                                                                |                   |     |          |                          |                                           | 1.32 | 1.15 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.06 | 1.44 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.36 | 0.16 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-5. Student design effects, by item, using third follow-up questionnaire weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,310 | 8.5      | 1.05                     | 0.77                                      | 1.87 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,310 | 88.9     | 1.20                     | 0.87                                      | 1.90 | 1.38 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,310 | 3.3      | 0.57                     | 0.49                                      | 1.32 | 1.15 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,310 | 91.9     | 1.07                     | 0.75                                      | 2.02 | 1.42 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,095 | 58.2     | 1.85                     | 1.49                                      | 1.54 | 1.24 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,306 | 25.1     | 1.44                     | 1.20                                      | 1.44 | 1.20 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,309 | 95.1     | 0.66                     | 0.60                                      | 1.21 | 1.10 |
| Current employer offers health insurance                              | F3B24=1           | 1,013 | 67.6     | 1.76                     | 1.47                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 981   | 0.2      | 0.15                     | 0.14                                      | 1.04 | 1.02 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 981   | 15.0     | 1.39                     | 1.14                                      | 1.48 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 981   | 1.1      | 0.42                     | 0.33                                      | 1.59 | 1.26 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 981   | 10.8     | 1.19                     | 0.99                                      | 1.46 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 981   | 2.3      | 0.57                     | 0.48                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 981   | 5.3      | 0.74                     | 0.71                                      | 1.08 | 1.04 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 854   | 31.9     | 1.72                     | 1.60                                      | 1.17 | 1.08 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,287 | 62.4     | 1.82                     | 1.35                                      | 1.81 | 1.35 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,287 | 18.5     | 1.39                     | 1.08                                      | 1.65 | 1.29 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,128 | 29.6     | 3.34                     | 2.89                                      | 1.33 | 1.15 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,128 | 54.3     | 4.40                     | 3.04                                      | 2.09 | 1.45 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,145 | 43.5     | 1.86                     | 1.47                                      | 1.61 | 1.27 |
| Volunteered with school/community organizations                       | F3D41E=1          | 516   | 25.4     | 2.21                     | 1.92                                      | 1.33 | 1.15 |
| Volunteered with church-related group                                 | F3D41D=1          | 516   | 36.9     | 2.75                     | 2.13                                      | 1.68 | 1.30 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,139 | 47.0     | 2.12                     | 1.48                                      | 2.05 | 1.43 |
| Respondent served in military                                         | F3B01=1           | 1,139 | 0.8      | 0.33                     | 0.27                                      | 1.49 | 1.22 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,133 | 1.1      | 0.01                     | 0.01                                      | 1.46 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,129 | 1.3      | 0.02                     | 0.02                                      | 1.39 | 1.18 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,179 | 58.5     | 1.42                     | 1.44                                      | 0.98 | 0.99 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,097 | 1.4      | 0.02                     | 0.02                                      | 1.33 | 1.15 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.51 | 1.22 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.98 | 0.99 |
| Median                                                                |                   |       |          |                          |                                           | 1.46 | 1.21 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.09 | 1.45 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.30 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-6. Student design effects, by item, using third follow-up questionnaire weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,702 | 20.3     | 1.37                     | 0.98                                      | 1.98 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,702 | 74.4     | 1.65                     | 1.06                                      | 2.44 | 1.56 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,702 | 7.5      | 0.94                     | 0.64                                      | 2.17 | 1.47 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,701 | 82.1     | 1.14                     | 0.93                                      | 1.49 | 1.22 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,247 | 62.4     | 1.57                     | 1.37                                      | 1.31 | 1.15 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,694 | 25.6     | 1.10                     | 1.06                                      | 1.08 | 1.04 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,701 | 97.0     | 0.49                     | 0.41                                      | 1.39 | 1.18 |
| Current employer offers health insurance                              | F3B24=1           | 1,323 | 70.5     | 1.44                     | 1.25                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,361 | 0.7      | 0.33                     | 0.23                                      | 2.06 | 1.44 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,361 | 14.0     | 1.14                     | 0.94                                      | 1.47 | 1.21 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,361 | 0.6      | 0.22                     | 0.20                                      | 1.16 | 1.08 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,361 | 7.0      | 0.77                     | 0.69                                      | 1.23 | 1.11 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,361 | 2.3      | 0.43                     | 0.40                                      | 1.13 | 1.06 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,361 | 6.8      | 0.77                     | 0.68                                      | 1.28 | 1.13 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,156 | 30.2     | 1.53                     | 1.35                                      | 1.28 | 1.13 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,675 | 59.9     | 1.42                     | 1.20                                      | 1.40 | 1.18 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,675 | 14.2     | 1.04                     | 0.85                                      | 1.48 | 1.22 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,436 | 22.6     | 2.59                     | 2.09                                      | 1.53 | 1.24 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,436 | 26.0     | 2.16                     | 1.72                                      | 1.57 | 1.25 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,451 | 39.4     | 1.47                     | 1.28                                      | 1.31 | 1.14 |
| Volunteered with school/community organizations                       | F3D41E=1          | 598   | 24.0     | 2.11                     | 1.75                                      | 1.46 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 598   | 45.4     | 2.36                     | 2.04                                      | 1.34 | 1.16 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,443 | 72.0     | 1.38                     | 1.18                                      | 1.37 | 1.17 |
| Respondent served in military                                         | F3B01=1           | 1,423 | 2.8      | 0.46                     | 0.44                                      | 1.10 | 1.05 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,429 | 1.1      | 0.01                     | 0.01                                      | 1.26 | 1.12 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,428 | 1.3      | 0.02                     | 0.02                                      | 1.59 | 1.26 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,482 | 60.7     | 1.59                     | 1.27                                      | 1.57 | 1.25 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,245 | 1.3      | 0.02                     | 0.02                                      | 1.26 | 1.12 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.47 | 1.20 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.38 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.44 | 1.56 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.33 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-7. Student design effects, by item, using third follow-up questionnaire weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,885 | 20.0     | 1.24                     | 0.92                                      | 1.80 | 1.34 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,885 | 71.9     | 1.32                     | 1.04                                      | 1.61 | 1.27 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,885 | 7.6      | 0.79                     | 0.61                                      | 1.66 | 1.29 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,884 | 78.7     | 1.25                     | 0.94                                      | 1.75 | 1.32 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,338 | 47.2     | 1.69                     | 1.37                                      | 1.53 | 1.24 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,881 | 23.8     | 1.10                     | 0.98                                      | 1.25 | 1.12 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,885 | 96.4     | 0.50                     | 0.43                                      | 1.35 | 1.16 |
| Current employer offers health insurance                              | F3B24=1           | 1,467 | 64.4     | 1.57                     | 1.25                                      | 1.57 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,419 | 1.0      | 0.29                     | 0.26                                      | 1.22 | 1.10 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,419 | 12.1     | 1.05                     | 0.86                                      | 1.47 | 1.21 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,419 | 1.1      | 0.30                     | 0.28                                      | 1.19 | 1.09 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,419 | 7.0      | 0.78                     | 0.68                                      | 1.33 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,419 | 2.6      | 0.42                     | 0.42                                      | 1.00 | 1.00 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,419 | 7.4      | 0.80                     | 0.69                                      | 1.33 | 1.15 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,223 | 27.4     | 1.51                     | 1.28                                      | 1.40 | 1.18 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,862 | 45.0     | 1.43                     | 1.15                                      | 1.53 | 1.24 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,862 | 28.7     | 1.34                     | 1.05                                      | 1.64 | 1.28 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,614 | 22.7     | 2.12                     | 2.07                                      | 1.04 | 1.02 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,618 | 42.8     | 2.69                     | 2.10                                      | 1.64 | 1.28 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,626 | 30.3     | 1.39                     | 1.14                                      | 1.48 | 1.22 |
| Volunteered with school/community organizations                       | F3D41E=1          | 527   | 17.3     | 1.83                     | 1.65                                      | 1.23 | 1.11 |
| Volunteered with church-related group                                 | F3D41D=1          | 527   | 40.1     | 2.63                     | 2.14                                      | 1.52 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,617 | 47.6     | 1.55                     | 1.24                                      | 1.55 | 1.24 |
| Respondent served in military                                         | F3B01=1           | 1,595 | 2.1      | 0.45                     | 0.36                                      | 1.56 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,606 | 1.1      | 0.01                     | 0.01                                      | 1.17 | 1.08 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,597 | 1.4      | 0.02                     | 0.02                                      | 1.24 | 1.11 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,664 | 62.6     | 1.30                     | 1.19                                      | 1.21 | 1.10 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,334 | 1.4      | 0.02                     | 0.02                                      | 1.49 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.42 | 1.19 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.00 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.47 | 1.21 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.80 | 1.34 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.21 | 0.09 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-8. Student design effects, by item, using third follow-up questionnaire weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 618 | 15.9     | 1.89                     | 1.47                                      | 1.65 | 1.29 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 618 | 77.2     | 2.16                     | 1.69                                      | 1.64 | 1.28 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 618 | 8.6      | 1.44                     | 1.13                                      | 1.62 | 1.27 |
| Ever attended a postsecondary school                                  | F3A11=1           | 617 | 78.4     | 1.94                     | 1.66                                      | 1.37 | 1.17 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 458 | 54.2     | 3.08                     | 2.33                                      | 1.75 | 1.32 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 617 | 21.9     | 2.01                     | 1.67                                      | 1.45 | 1.20 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 618 | 96.6     | 1.01                     | 0.73                                      | 1.92 | 1.38 |
| Current employer offers health insurance                              | F3B24=1           | 503 | 68.1     | 2.68                     | 2.08                                      | 1.66 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 460 | 0.4      | 0.37                     | 0.29                                      | 1.71 | 1.31 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 460 | 14.8     | 2.18                     | 1.66                                      | 1.72 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 460 | 2.6      | 0.93                     | 0.75                                      | 1.56 | 1.25 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 460 | 7.8      | 1.46                     | 1.25                                      | 1.37 | 1.17 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 460 | 1.1      | 0.49                     | 0.49                                      | 1.01 | 1.00 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 460 | 6.1      | 1.20                     | 1.11                                      | 1.16 | 1.08 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 404 | 29.2     | 2.73                     | 2.27                                      | 1.45 | 1.20 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 611 | 48.5     | 2.51                     | 2.02                                      | 1.54 | 1.24 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 611 | 24.5     | 2.23                     | 1.74                                      | 1.64 | 1.28 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 545 | 29.4     | 5.08                     | 3.76                                      | 1.83 | 1.35 |
| Number of siblings living with respondent                             | F3D15B=continuous | 544 | 22.7     | 3.01                     | 2.36                                      | 1.63 | 1.28 |
| Respondent performed community service in past 2 years                | F3D40=1           | 546 | 36.9     | 2.56                     | 2.07                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 222 | 23.4     | 3.76                     | 2.85                                      | 1.74 | 1.32 |
| Volunteered with church-related group                                 | F3D41D=1          | 222 | 34.4     | 4.16                     | 3.20                                      | 1.69 | 1.30 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 545 | 57.8     | 2.64                     | 2.12                                      | 1.56 | 1.25 |
| Respondent served in military                                         | F3B01=1           | 523 | 4.0      | 1.10                     | 0.85                                      | 1.67 | 1.29 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 542 | 1.1      | 0.02                     | 0.02                                      | 1.44 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 539 | 1.4      | 0.04                     | 0.03                                      | 1.84 | 1.36 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 555 | 60.2     | 2.70                     | 2.08                                      | 1.69 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 456 | 1.5      | 0.04                     | 0.03                                      | 1.80 | 1.34 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.59 | 1.26 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.01 | 1.00 |
| Median                                                                |                   |     |          |                          |                                           | 1.64 | 1.28 |
| Maximum                                                               |                   |     |          |                          |                                           | 1.92 | 1.38 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.20 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-9. Student design effects, by item, using third follow-up questionnaire weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 7,627 | 8.7      | 0.44                     | 0.32                                      | 1.86 | 1.36 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 7,627 | 88.9     | 0.51                     | 0.36                                      | 2.01 | 1.42 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 7,627 | 4.6      | 0.29                     | 0.24                                      | 1.47 | 1.21 |
| Ever attended a postsecondary school                                  | F3A11=1           | 7,626 | 86.4     | 0.54                     | 0.39                                      | 1.86 | 1.36 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,273 | 54.6     | 0.82                     | 0.63                                      | 1.70 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 7,623 | 23.4     | 0.60                     | 0.48                                      | 1.55 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 7,626 | 98.7     | 0.15                     | 0.13                                      | 1.35 | 1.16 |
| Current employer offers health insurance                              | F3B24=1           | 6,563 | 74.0     | 0.70                     | 0.54                                      | 1.65 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,798 | 0.5      | 0.11                     | 0.09                                      | 1.35 | 1.16 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,798 | 15.0     | 0.60                     | 0.47                                      | 1.61 | 1.27 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,798 | 1.1      | 0.18                     | 0.14                                      | 1.66 | 1.29 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,798 | 6.6      | 0.38                     | 0.33                                      | 1.37 | 1.17 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,798 | 3.0      | 0.27                     | 0.23                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,798 | 10.2     | 0.44                     | 0.40                                      | 1.20 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 5,253 | 32.0     | 0.82                     | 0.64                                      | 1.61 | 1.27 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 7,561 | 41.7     | 0.77                     | 0.57                                      | 1.83 | 1.35 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 7,561 | 32.3     | 0.74                     | 0.54                                      | 1.92 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,960 | 27.7     | 1.23                     | 1.09                                      | 1.28 | 1.13 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,966 | 15.3     | 0.86                     | 0.59                                      | 2.08 | 1.44 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,998 | 41.5     | 0.74                     | 0.59                                      | 1.56 | 1.25 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,036 | 18.9     | 0.76                     | 0.71                                      | 1.14 | 1.07 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,036 | 35.4     | 1.14                     | 0.87                                      | 1.72 | 1.31 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,985 | 63.7     | 0.75                     | 0.58                                      | 1.69 | 1.30 |
| Respondent served in military                                         | F3B01=1           | 6,844 | 2.3      | 0.23                     | 0.18                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,947 | 1.1      | 0.00                     | 0.00                                      | 1.32 | 1.15 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,948 | 1.3      | 0.01                     | 0.01                                      | 1.60 | 1.26 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 7,092 | 70.4     | 0.63                     | 0.54                                      | 1.36 | 1.17 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,267 | 1.5      | 0.01                     | 0.01                                      | 1.56 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.58 | 1.25 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.14 | 1.07 |
| Median                                                                |                   |       |          |                          |                                           | 1.59 | 1.26 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.08 | 1.44 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.24 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-10. Student design effects, by item, using third follow-up questionnaire weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 10,263 | 13.4     | 0.49                     | 0.34                                      | 2.10 | 1.45 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 10,263 | 82.4     | 0.58                     | 0.38                                      | 2.40 | 1.55 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 10,263 | 6.0      | 0.29                     | 0.24                                      | 1.57 | 1.25 |
| Ever attended a postsecondary school                                  | F3A11=1           | 10,259 | 83.2     | 0.50                     | 0.37                                      | 1.82 | 1.35 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 7,765  | 55.1     | 0.70                     | 0.56                                      | 1.56 | 1.25 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 10,243 | 23.8     | 0.45                     | 0.42                                      | 1.16 | 1.08 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 10,260 | 97.8     | 0.17                     | 0.15                                      | 1.30 | 1.14 |
| Current employer offers health insurance                              | F3B24=1           | 8,403  | 71.2     | 0.58                     | 0.49                                      | 1.38 | 1.17 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 7,766  | 0.7      | 0.10                     | 0.09                                      | 1.29 | 1.14 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 7,766  | 14.1     | 0.49                     | 0.40                                      | 1.52 | 1.23 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 7,766  | 1.1      | 0.14                     | 0.12                                      | 1.52 | 1.23 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 7,766  | 6.8      | 0.32                     | 0.29                                      | 1.23 | 1.11 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 7,766  | 2.6      | 0.20                     | 0.18                                      | 1.22 | 1.11 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 7,766  | 8.7      | 0.35                     | 0.32                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 6,842  | 30.3     | 0.65                     | 0.56                                      | 1.38 | 1.17 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 10,145 | 45.2     | 0.65                     | 0.49                                      | 1.70 | 1.31 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 10,145 | 28.5     | 0.60                     | 0.45                                      | 1.80 | 1.34 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 9,048  | 25.6     | 0.96                     | 0.93                                      | 1.06 | 1.03 |
| Number of siblings living with respondent                             | F3D15B=continuous | 9,054  | 23.2     | 0.91                     | 0.66                                      | 1.88 | 1.37 |
| Respondent performed community service in past 2 years                | F3D40=1           | 9,110  | 38.2     | 0.64                     | 0.51                                      | 1.56 | 1.25 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,563  | 19.8     | 0.68                     | 0.67                                      | 1.03 | 1.01 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,563  | 37.6     | 1.01                     | 0.81                                      | 1.53 | 1.24 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 9,079  | 60.3     | 0.70                     | 0.51                                      | 1.88 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 8,904  | 2.5      | 0.19                     | 0.16                                      | 1.31 | 1.14 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 9,021  | 1.1      | 0.00                     | 0.00                                      | 1.10 | 1.05 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 9,003  | 1.3      | 0.01                     | 0.01                                      | 1.32 | 1.15 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 9,273  | 66.6     | 0.57                     | 0.49                                      | 1.35 | 1.16 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 7,760  | 1.5      | 0.01                     | 0.01                                      | 1.41 | 1.19 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.48 | 1.21 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.03 | 1.01 |
| Median                                                                |                   |        |          |                          |                                           | 1.40 | 1.18 |
| Maximum                                                               |                   |        |          |                          |                                           | 2.40 | 1.55 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.33 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-11. Student design effects, by item, using third follow-up questionnaire weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,735 | 2.0      | 0.42                     | 0.34                                      | 1.53 | 1.24 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,735 | 97.9     | 0.44                     | 0.34                                      | 1.62 | 1.27 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,735 | 1.2      | 0.28                     | 0.26                                      | 1.17 | 1.08 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,735 | 98.2     | 0.37                     | 0.32                                      | 1.34 | 1.16 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,576 | 51.3     | 1.62                     | 1.26                                      | 1.66 | 1.29 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,733 | 25.2     | 1.12                     | 1.04                                      | 1.15 | 1.07 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,735 | 98.8     | 0.30                     | 0.26                                      | 1.29 | 1.13 |
| Current employer offers health insurance                              | F3B24=1           | 1,489 | 77.2     | 1.12                     | 1.09                                      | 1.06 | 1.03 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,365 | 0.1      | 0.08                     | 0.09                                      | 0.86 | 0.93 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,365 | 17.0     | 1.39                     | 1.02                                      | 1.87 | 1.37 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,365 | 0.9      | 0.32                     | 0.26                                      | 1.48 | 1.22 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,365 | 9.4      | 0.91                     | 0.79                                      | 1.33 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,365 | 4.3      | 0.69                     | 0.55                                      | 1.60 | 1.26 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,365 | 9.4      | 0.86                     | 0.79                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,233 | 36.8     | 1.48                     | 1.37                                      | 1.16 | 1.08 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,719 | 58.1     | 1.41                     | 1.19                                      | 1.41 | 1.19 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,719 | 19.7     | 1.15                     | 0.96                                      | 1.44 | 1.20 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,569 | 35.4     | 3.65                     | 2.28                                      | 2.55 | 1.60 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,572 | 22.9     | 2.03                     | 1.49                                      | 1.86 | 1.36 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,586 | 47.1     | 1.31                     | 1.25                                      | 1.09 | 1.04 |
| Volunteered with school/community organizations                       | F3D41E=1          | 743   | 21.3     | 1.77                     | 1.50                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 743   | 26.3     | 2.05                     | 1.62                                      | 1.60 | 1.27 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,582 | 73.6     | 1.32                     | 1.11                                      | 1.42 | 1.19 |
| Respondent served in military                                         | F3B01=1           | 1,564 | 0.9      | 0.26                     | 0.24                                      | 1.16 | 1.08 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,572 | 1.1      | 0.01                     | 0.01                                      | 1.39 | 1.18 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,573 | 1.2      | 0.01                     | 0.01                                      | 0.58 | 0.76 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,606 | 73.8     | 0.96                     | 1.10                                      | 0.76 | 0.87 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,570 | 1.4      | 0.02                     | 0.02                                      | 1.45 | 1.21 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.37 | 1.16 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.58 | 0.76 |
| Median                                                                |                   |       |          |                          |                                           | 1.39 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.55 | 1.60 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.38 | 0.16 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-12. Student design effects, by item, using third follow-up questionnaire weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,252 | 5.6      | 1.14                     | 0.65                                      | 3.08 | 1.75 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,252 | 92.7     | 1.40                     | 0.73                                      | 3.65 | 1.91 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,252 | 2.5      | 0.69                     | 0.44                                      | 2.49 | 1.58 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,252 | 95.8     | 1.04                     | 0.57                                      | 3.33 | 1.83 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,135 | 51.6     | 2.34                     | 1.48                                      | 2.48 | 1.58 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,251 | 22.2     | 1.52                     | 1.18                                      | 1.66 | 1.29 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,252 | 98.2     | 0.52                     | 0.38                                      | 1.89 | 1.38 |
| Current employer offers health insurance                              | F3B24=1           | 1,064 | 70.1     | 1.68                     | 1.40                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 966   | 0.4      | 0.28                     | 0.20                                      | 1.97 | 1.41 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 966   | 15.2     | 1.33                     | 1.16                                      | 1.31 | 1.15 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 966   | 1.3      | 0.44                     | 0.37                                      | 1.40 | 1.18 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 966   | 6.6      | 1.00                     | 0.80                                      | 1.59 | 1.26 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 966   | 2.7      | 0.54                     | 0.52                                      | 1.08 | 1.04 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 966   | 11.4     | 1.37                     | 1.02                                      | 1.79 | 1.34 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 883   | 34.0     | 1.81                     | 1.60                                      | 1.29 | 1.13 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,236 | 48.7     | 2.57                     | 1.42                                      | 3.26 | 1.80 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,236 | 32.9     | 3.06                     | 1.34                                      | 5.23 | 2.29 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,161 | 36.0     | 3.54                     | 2.69                                      | 1.74 | 1.32 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,161 | 20.0     | 3.65                     | 2.00                                      | 3.35 | 1.83 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,164 | 54.4     | 2.45                     | 1.46                                      | 2.82 | 1.68 |
| Volunteered with school/community organizations                       | F3D41E=1          | 618   | 19.7     | 1.73                     | 1.60                                      | 1.17 | 1.08 |
| Volunteered with church-related group                                 | F3D41D=1          | 618   | 44.5     | 4.36                     | 2.00                                      | 4.76 | 2.18 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,161 | 72.9     | 1.97                     | 1.31                                      | 2.28 | 1.51 |
| Respondent served in military                                         | F3B01=1           | 1,148 | 1.7      | 0.59                     | 0.38                                      | 2.46 | 1.57 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,158 | 1.1      | 0.01                     | 0.01                                      | 1.17 | 1.08 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,159 | 1.2      | 0.02                     | 0.02                                      | 2.16 | 1.47 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,189 | 63.7     | 1.77                     | 1.40                                      | 1.61 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,134 | 1.5      | 0.02                     | 0.02                                      | 1.55 | 1.24 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 2.29 | 1.48 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.93 | 1.39 |
| Maximum                                                               |                   |       |          |                          |                                           | 5.23 | 2.29 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 1.07 | 0.33 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-13. Student design effects, by item, using third follow-up questionnaire weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,948 | 29.5     | 1.09                     | 0.84                                      | 1.67 | 1.29 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,948 | 63.1     | 1.14                     | 0.89                                      | 1.64 | 1.28 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,948 | 11.8     | 0.72                     | 0.59                                      | 1.47 | 1.21 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,947 | 49.3     | 1.10                     | 0.92                                      | 1.41 | 1.19 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,356 | 48.4     | 1.60                     | 1.36                                      | 1.39 | 1.18 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,943 | 19.2     | 0.79                     | 0.73                                      | 1.19 | 1.09 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,948 | 96.8     | 0.38                     | 0.32                                      | 1.38 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 2,261 | 53.3     | 1.22                     | 1.05                                      | 1.36 | 1.17 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,959 | 1.9      | 0.35                     | 0.31                                      | 1.26 | 1.12 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,959 | 9.8      | 0.88                     | 0.67                                      | 1.72 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,959 | 0.4      | 0.15                     | 0.15                                      | 0.97 | 0.98 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,959 | 4.0      | 0.51                     | 0.44                                      | 1.33 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,959 | 3.7      | 0.44                     | 0.43                                      | 1.08 | 1.04 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,959 | 4.0      | 0.50                     | 0.45                                      | 1.27 | 1.13 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,665 | 21.8     | 1.15                     | 1.01                                      | 1.29 | 1.14 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,898 | 46.3     | 1.06                     | 0.93                                      | 1.30 | 1.14 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,898 | 23.4     | 0.93                     | 0.79                                      | 1.40 | 1.18 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 2,480 | 25.0     | 2.08                     | 2.07                                      | 1.02 | 1.01 |
| Number of siblings living with respondent                             | F3D15B=continuous | 2,483 | 29.0     | 1.73                     | 1.43                                      | 1.46 | 1.21 |
| Respondent performed community service in past 2 years                | F3D40=1           | 2,505 | 26.1     | 1.00                     | 0.88                                      | 1.29 | 1.14 |
| Volunteered with school/community organizations                       | F3D41E=1          | 682   | 15.9     | 1.54                     | 1.40                                      | 1.21 | 1.10 |
| Volunteered with church-related group                                 | F3D41D=1          | 682   | 42.7     | 2.32                     | 1.90                                      | 1.50 | 1.22 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 2,497 | 44.2     | 1.19                     | 0.99                                      | 1.44 | 1.20 |
| Respondent served in military                                         | F3B01=1           | 2,527 | 3.2      | 0.44                     | 0.35                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 2,473 | 1.1      | 0.01                     | 0.01                                      | 1.16 | 1.08 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 2,463 | 1.3      | 0.01                     | 0.01                                      | 1.28 | 1.13 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,571 | 48.7     | 1.15                     | 0.99                                      | 1.36 | 1.16 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,355 | 1.6      | 0.02                     | 0.02                                      | 1.50 | 1.23 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.35 | 1.16 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.97 | 0.98 |
| Median                                                                |                   |       |          |                          |                                           | 1.36 | 1.17 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.72 | 1.31 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.18 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-14. Student design effects, by item, using third follow-up questionnaire weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,507 | 9.8      | 0.45                     | 0.37                                      | 1.48 | 1.22 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,507 | 86.5     | 0.57                     | 0.42                                      | 1.79 | 1.34 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,507 | 5.1      | 0.32                     | 0.27                                      | 1.39 | 1.18 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,504 | 93.8     | 0.36                     | 0.30                                      | 1.48 | 1.22 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,541 | 49.2     | 0.84                     | 0.67                                      | 1.55 | 1.24 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,490 | 28.9     | 0.63                     | 0.56                                      | 1.26 | 1.12 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,504 | 97.4     | 0.24                     | 0.20                                      | 1.47 | 1.21 |
| Current employer offers health insurance                              | F3B24=1           | 5,277 | 72.5     | 0.74                     | 0.61                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,980 | 0.4      | 0.10                     | 0.09                                      | 1.24 | 1.11 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,980 | 15.4     | 0.69                     | 0.51                                      | 1.84 | 1.35 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,980 | 1.3      | 0.20                     | 0.16                                      | 1.53 | 1.24 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,980 | 8.1      | 0.44                     | 0.39                                      | 1.28 | 1.13 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,980 | 3.3      | 0.30                     | 0.25                                      | 1.41 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,980 | 6.8      | 0.42                     | 0.36                                      | 1.36 | 1.17 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,367 | 31.3     | 0.76                     | 0.70                                      | 1.17 | 1.08 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,445 | 45.3     | 0.86                     | 0.62                                      | 1.91 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,445 | 29.1     | 0.74                     | 0.57                                      | 1.72 | 1.31 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,769 | 26.1     | 1.28                     | 1.02                                      | 1.57 | 1.25 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,772 | 24.3     | 1.10                     | 0.85                                      | 1.66 | 1.29 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,802 | 37.4     | 0.82                     | 0.64                                      | 1.65 | 1.29 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,264 | 19.7     | 1.01                     | 0.84                                      | 1.47 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,264 | 36.8     | 1.29                     | 1.01                                      | 1.63 | 1.28 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,783 | 62.3     | 0.89                     | 0.64                                      | 1.96 | 1.40 |
| Respondent served in military                                         | F3B01=1           | 5,592 | 2.7      | 0.26                     | 0.22                                      | 1.38 | 1.17 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,748 | 1.1      | 0.00                     | 0.00                                      | 1.27 | 1.13 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,744 | 1.4      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,895 | 68.6     | 0.72                     | 0.60                                      | 1.41 | 1.19 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,529 | 1.5      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.51 | 1.23 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.17 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.48 | 1.22 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.96 | 1.40 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.20 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-15. Student design effects, by item, using third follow-up questionnaire weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,795 | 1.6      | 0.30                     | 0.20                                      | 2.13 | 1.46 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,795 | 97.4     | 0.32                     | 0.26                                      | 1.54 | 1.24 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,795 | 0.8      | 0.21                     | 0.15                                      | 2.07 | 1.44 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,795 | 100.0    | 0.01                     | 0.02                                      | 0.39 | 0.63 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,579 | 67.5     | 1.03                     | 0.78                                      | 1.72 | 1.31 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,794 | 18.1     | 0.77                     | 0.63                                      | 1.52 | 1.23 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,795 | 99.7     | 0.07                     | 0.09                                      | 0.67 | 0.82 |
| Current employer offers health insurance                              | F3B24=1           | 3,418 | 84.9     | 0.73                     | 0.61                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 3,158 | 0.0      | 0.00                     | .                                         | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 3,158 | 15.8     | 0.79                     | 0.65                                      | 1.48 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 3,158 | 1.2      | 0.31                     | 0.20                                      | 2.42 | 1.55 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 3,158 | 7.2      | 0.56                     | 0.46                                      | 1.46 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 3,158 | 0.9      | 0.23                     | 0.17                                      | 1.72 | 1.31 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 3,158 | 16.3     | 0.80                     | 0.66                                      | 1.47 | 1.21 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,926 | 36.3     | 1.13                     | 0.89                                      | 1.62 | 1.27 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,757 | 46.5     | 1.02                     | 0.81                                      | 1.57 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,757 | 31.3     | 1.05                     | 0.76                                      | 1.94 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,529 | 28.3     | 1.65                     | 1.58                                      | 1.09 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,532 | 15.3     | 1.09                     | 0.81                                      | 1.78 | 1.34 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,553 | 54.3     | 0.96                     | 0.84                                      | 1.31 | 1.14 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,978 | 21.9     | 1.11                     | 0.93                                      | 1.43 | 1.20 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,978 | 35.8     | 1.44                     | 1.08                                      | 1.79 | 1.34 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,542 | 74.8     | 0.90                     | 0.73                                      | 1.54 | 1.24 |
| Respondent served in military                                         | F3B01=1           | 3,497 | 0.9      | 0.20                     | 0.16                                      | 1.66 | 1.29 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,530 | 1.1      | 0.01                     | 0.00                                      | 1.62 | 1.27 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,528 | 1.3      | 0.01                     | 0.01                                      | 1.55 | 1.24 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,602 | 79.8     | 0.85                     | 0.67                                      | 1.62 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,580 | 1.3      | 0.01                     | 0.01                                      | 1.74 | 1.32 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.57 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.39 | 0.63 |
| Median                                                                |                   |       |          |                          |                                           | 1.57 | 1.25 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.42 | 1.55 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.40 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-16. Student design effects, by item, using base year to third follow-up panel weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 13,132 | 13.5     | 0.48                     | 0.30                                      | 2.60 | 1.61 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 13,132 | 82.3     | 0.58                     | 0.33                                      | 3.01 | 1.73 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 13,132 | 6.1      | 0.29                     | 0.21                                      | 1.91 | 1.38 |
| Ever attended a postsecondary school                                  | F3A11=1           | 13,128 | 84.0     | 0.47                     | 0.32                                      | 2.12 | 1.46 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 10,390 | 54.6     | 0.65                     | 0.49                                      | 1.78 | 1.33 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 13,109 | 23.9     | 0.42                     | 0.37                                      | 1.29 | 1.13 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 13,129 | 97.9     | 0.16                     | 0.13                                      | 1.55 | 1.24 |
| Current employer offers health insurance                              | F3B24=1           | 10,864 | 71.3     | 0.54                     | 0.43                                      | 1.57 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 10,010 | 0.6      | 0.10                     | 0.08                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 10,010 | 14.3     | 0.46                     | 0.35                                      | 1.69 | 1.30 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 10,010 | 1.0      | 0.13                     | 0.10                                      | 1.55 | 1.25 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 10,010 | 6.9      | 0.30                     | 0.25                                      | 1.38 | 1.17 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 10,010 | 2.7      | 0.19                     | 0.16                                      | 1.34 | 1.16 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 10,010 | 8.8      | 0.33                     | 0.28                                      | 1.32 | 1.15 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 8,885  | 30.7     | 0.61                     | 0.49                                      | 1.56 | 1.25 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 12,986 | 45.6     | 0.61                     | 0.44                                      | 1.94 | 1.39 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 12,986 | 28.2     | 0.57                     | 0.39                                      | 2.10 | 1.45 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 11,677 | 26.4     | 0.92                     | 0.83                                      | 1.24 | 1.11 |
| Number of siblings living with respondent                             | F3D15B=continuous | 11,685 | 22.9     | 0.86                     | 0.58                                      | 2.18 | 1.48 |
| Respondent performed community service in past 2 years                | F3D40=1           | 11,758 | 39.0     | 0.60                     | 0.45                                      | 1.77 | 1.33 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,884  | 19.8     | 0.62                     | 0.57                                      | 1.19 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,884  | 37.2     | 0.93                     | 0.69                                      | 1.82 | 1.35 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 11,720 | 61.2     | 0.65                     | 0.45                                      | 2.11 | 1.45 |
| Respondent served in military                                         | F3B01=1           | 11,514 | 2.4      | 0.18                     | 0.14                                      | 1.59 | 1.26 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 11,652 | 1.1      | 0.00                     | 0.00                                      | 1.27 | 1.13 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 11,635 | 1.3      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 11,961 | 66.7     | 0.53                     | 0.43                                      | 1.53 | 1.24 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 10,378 | 1.5      | 0.01                     | 0.01                                      | 1.61 | 1.27 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.72 | 1.30 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.19 | 1.09 |
| Median                                                                |                   |        |          |                          |                                           | 1.58 | 1.26 |
| Maximum                                                               |                   |        |          |                          |                                           | 3.01 | 1.73 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.42 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-17. Student design effects, by item, using base year to third follow-up panel weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,212 | 15.8     | 0.66                     | 0.46                                      | 2.06 | 1.43 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,212 | 79.5     | 0.75                     | 0.51                                      | 2.15 | 1.47 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,212 | 7.5      | 0.42                     | 0.33                                      | 1.58 | 1.26 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,210 | 79.9     | 0.67                     | 0.51                                      | 1.74 | 1.32 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,636 | 49.0     | 0.93                     | 0.73                                      | 1.61 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,199 | 25.1     | 0.64                     | 0.55                                      | 1.34 | 1.16 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,210 | 98.6     | 0.18                     | 0.15                                      | 1.41 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 5,045 | 72.9     | 0.71                     | 0.63                                      | 1.29 | 1.13 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,769 | 1.1      | 0.19                     | 0.15                                      | 1.48 | 1.22 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,769 | 16.5     | 0.64                     | 0.54                                      | 1.43 | 1.20 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,769 | 1.9      | 0.24                     | 0.20                                      | 1.50 | 1.22 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,769 | 7.1      | 0.44                     | 0.37                                      | 1.38 | 1.18 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,769 | 3.4      | 0.31                     | 0.26                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,769 | 4.7      | 0.33                     | 0.31                                      | 1.18 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,160 | 29.9     | 0.95                     | 0.71                                      | 1.77 | 1.33 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,135 | 50.5     | 0.81                     | 0.64                                      | 1.61 | 1.27 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,135 | 25.7     | 0.75                     | 0.56                                      | 1.82 | 1.35 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,423 | 34.7     | 1.60                     | 1.47                                      | 1.18 | 1.09 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,426 | 25.7     | 1.14                     | 0.89                                      | 1.64 | 1.28 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,451 | 35.7     | 0.80                     | 0.65                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,073 | 20.4     | 1.00                     | 0.89                                      | 1.28 | 1.13 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,073 | 36.4     | 1.42                     | 1.06                                      | 1.81 | 1.34 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,438 | 56.5     | 0.91                     | 0.67                                      | 1.83 | 1.35 |
| Respondent served in military                                         | F3B01=1           | 5,223 | 4.1      | 0.35                     | 0.28                                      | 1.60 | 1.27 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,411 | 1.1      | 0.00                     | 0.00                                      | 1.43 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,401 | 1.3      | 0.01                     | 0.01                                      | 1.26 | 1.12 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,554 | 72.6     | 0.71                     | 0.60                                      | 1.39 | 1.18 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,636 | 1.6      | 0.01                     | 0.01                                      | 1.65 | 1.28 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.55 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.18 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 1.52 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.15 | 1.47 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.24 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-18. Student design effects, by item, using base year to third follow-up panel weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design standard error | Simple random sample standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|-----------------------|-------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,920 | 11.4     | 0.54                  | 0.38                                | 1.97 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,920 | 85.0     | 0.70                  | 0.43                                | 2.68 | 1.64 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,920 | 4.8      | 0.36                  | 0.26                                | 1.97 | 1.40 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,918 | 87.9     | 0.54                  | 0.39                                | 1.88 | 1.37 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,754 | 59.4     | 0.83                  | 0.65                                | 1.66 | 1.29 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,910 | 22.8     | 0.57                  | 0.50                                | 1.29 | 1.13 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,919 | 97.2     | 0.25                  | 0.20                                | 1.58 | 1.26 |
| Current employer offers health insurance                              | F3B24=1           | 5,819 | 69.8     | 0.75                  | 0.60                                | 1.57 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,241 | 0.1      | 0.05                  | 0.05                                | 0.97 | 0.99 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,241 | 12.1     | 0.58                  | 0.45                                | 1.66 | 1.29 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,241 | 0.2      | 0.08                  | 0.07                                | 1.49 | 1.22 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,241 | 6.7      | 0.42                  | 0.35                                | 1.45 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,241 | 2.1      | 0.23                  | 0.20                                | 1.32 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,241 | 12.7     | 0.56                  | 0.46                                | 1.49 | 1.22 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,725 | 31.3     | 0.80                  | 0.67                                | 1.39 | 1.18 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,851 | 40.9     | 0.82                  | 0.59                                | 1.92 | 1.39 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,851 | 30.7     | 0.79                  | 0.56                                | 1.99 | 1.41 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,254 | 18.7     | 0.94                  | 0.83                                | 1.28 | 1.13 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,259 | 20.3     | 1.04                  | 0.76                                | 1.89 | 1.37 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,307 | 42.1     | 0.76                  | 0.62                                | 1.50 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,811 | 19.3     | 0.86                  | 0.74                                | 1.33 | 1.15 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,811 | 37.9     | 1.11                  | 0.92                                | 1.48 | 1.22 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,282 | 65.4     | 0.82                  | 0.60                                | 1.87 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 6,291 | 0.8      | 0.12                  | 0.11                                | 1.26 | 1.12 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,241 | 1.1      | 0.00                  | 0.00                                | 1.39 | 1.18 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,234 | 1.3      | 0.01                  | 0.01                                | 1.59 | 1.26 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,407 | 61.2     | 0.78                  | 0.61                                | 1.63 | 1.28 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,742 | 1.4      | 0.01                  | 0.01                                | 1.31 | 1.15 |
| Summary statistics                                                    |                   |       |          |                       |                                     |      |      |
| Mean                                                                  |                   |       |          |                       |                                     | 1.60 | 1.26 |
| Minimum                                                               |                   |       |          |                       |                                     | 0.97 | 0.99 |
| Median                                                                |                   |       |          |                       |                                     | 1.54 | 1.24 |
| Maximum                                                               |                   |       |          |                       |                                     | 2.68 | 1.64 |
| Standard Deviation                                                    |                   |       |          |                       |                                     | 0.34 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-19. Student design effects, by item, using base year to third follow-up panel weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 107 | 29.9     | 5.05                     | 4.45                                      | 1.29 | 1.14 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 107 | 64.9     | 5.55                     | 4.64                                      | 1.43 | 1.20 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 107 | 15.3     | 4.39                     | 3.50                                      | 1.57 | 1.25 |
| Ever attended a postsecondary school                                  | F3A11=1           | 107 | 68.8     | 5.52                     | 4.50                                      | 1.50 | 1.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 64  | 59.8     | 6.98                     | 6.18                                      | 1.28 | 1.13 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 105 | 23.2     | 4.71                     | 4.14                                      | 1.29 | 1.14 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 107 | 98.4     | 1.17                     | 1.23                                      | 0.90 | 0.95 |
| Current employer offers health insurance                              | F3B24=1           | 86  | 54.3     | 6.04                     | 5.40                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 78  | 3.2      | 2.33                     | 2.02                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 78  | 5.3      | 2.49                     | 2.56                                      | 0.94 | 0.97 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 78  | 1.9      | 1.35                     | 1.57                                      | 0.73 | 0.85 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 78  | 5.7      | 2.83                     | 2.64                                      | 1.15 | 1.07 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 78  | 1.6      | 1.25                     | 1.43                                      | 0.76 | 0.87 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 78  | 5.7      | 2.94                     | 2.64                                      | 1.25 | 1.12 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 68  | 18.3     | 4.66                     | 4.73                                      | 0.97 | 0.99 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 103 | 30.2     | 5.64                     | 4.55                                      | 1.54 | 1.24 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 103 | 34.4     | 6.40                     | 4.70                                      | 1.85 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 94  | 28.8     | 13.11                    | 11.19                                     | 1.37 | 1.17 |
| Number of siblings living with respondent                             | F3D15B=continuous | 94  | 28.9     | 7.12                     | 7.78                                      | 0.84 | 0.92 |
| Respondent performed community service in past 2 years                | F3D40=1           | 93  | 22.9     | 4.53                     | 4.38                                      | 1.07 | 1.03 |
| Volunteered with school/community organizations                       | F3D41E=1          | 25  | 20.2     | 10.76                    | 8.19                                      | 1.72 | 1.31 |
| Volunteered with church-related group                                 | F3D41D=1          | 25  | 33.2     | 11.00                    | 9.61                                      | 1.31 | 1.15 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 92  | 50.1     | 6.98                     | 5.24                                      | 1.77 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 91  | 4.1      | 2.97                     | 2.08                                      | 2.04 | 1.43 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 93  | 1.1      | 0.03                     | 0.03                                      | 1.41 | 1.19 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 93  | 1.3      | 0.06                     | 0.06                                      | 1.04 | 1.02 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 95  | 54.8     | 6.36                     | 5.13                                      | 1.54 | 1.24 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 64  | 1.4      | 0.10                     | 0.08                                      | 1.40 | 1.18 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.31 | 1.13 |
| Minimum                                                               |                   |     |          |                          |                                           | 0.73 | 0.85 |
| Median                                                                |                   |     |          |                          |                                           | 1.30 | 1.14 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.04 | 1.43 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.33 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-20. Student design effects, by item, using base year to third follow-up panel weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,288 | 9.4      | 1.11                     | 0.81                                      | 1.88 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,288 | 87.9     | 1.28                     | 0.91                                      | 2.00 | 1.41 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,288 | 3.7      | 0.65                     | 0.53                                      | 1.49 | 1.22 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,288 | 91.5     | 1.11                     | 0.78                                      | 2.04 | 1.43 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,075 | 58.8     | 1.88                     | 1.50                                      | 1.56 | 1.25 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,284 | 25.3     | 1.47                     | 1.21                                      | 1.46 | 1.21 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,287 | 95.0     | 0.67                     | 0.61                                      | 1.21 | 1.10 |
| Current employer offers health insurance                              | F3B24=1           | 996   | 67.7     | 1.81                     | 1.48                                      | 1.50 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 964   | 0.2      | 0.17                     | 0.16                                      | 1.24 | 1.11 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 964   | 14.5     | 1.36                     | 1.13                                      | 1.43 | 1.20 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 964   | 1.1      | 0.42                     | 0.34                                      | 1.59 | 1.26 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 964   | 10.9     | 1.23                     | 1.00                                      | 1.51 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 964   | 2.3      | 0.58                     | 0.48                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 964   | 5.3      | 0.75                     | 0.72                                      | 1.08 | 1.04 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 838   | 32.1     | 1.78                     | 1.61                                      | 1.22 | 1.10 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,265 | 61.9     | 1.83                     | 1.37                                      | 1.79 | 1.34 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,265 | 18.6     | 1.43                     | 1.09                                      | 1.71 | 1.31 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,107 | 30.1     | 3.46                     | 2.98                                      | 1.35 | 1.16 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,107 | 54.7     | 4.37                     | 3.06                                      | 2.04 | 1.43 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,124 | 43.3     | 1.95                     | 1.48                                      | 1.74 | 1.32 |
| Volunteered with school/community organizations                       | F3D41E=1          | 509   | 24.9     | 2.22                     | 1.92                                      | 1.35 | 1.16 |
| Volunteered with church-related group                                 | F3D41D=1          | 509   | 36.6     | 2.77                     | 2.14                                      | 1.67 | 1.29 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,118 | 47.4     | 2.11                     | 1.49                                      | 2.00 | 1.41 |
| Respondent served in military                                         | F3B01=1           | 1,119 | 0.8      | 0.31                     | 0.27                                      | 1.39 | 1.18 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,112 | 1.1      | 0.01                     | 0.01                                      | 1.10 | 1.05 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,108 | 1.4      | 0.02                     | 0.02                                      | 1.39 | 1.18 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,158 | 58.4     | 1.42                     | 1.45                                      | 0.96 | 0.98 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,077 | 1.4      | 0.02                     | 0.02                                      | 1.37 | 1.17 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.52 | 1.23 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.96 | 0.98 |
| Median                                                                |                   |       |          |                          |                                           | 1.47 | 1.21 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.04 | 1.43 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.30 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-21. Student design effects, by item, using base year to third follow-up panel weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,689 | 21.6     | 1.42                     | 1.00                                      | 2.00 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,689 | 72.5     | 1.74                     | 1.09                                      | 2.56 | 1.60 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,689 | 8.0      | 0.96                     | 0.66                                      | 2.12 | 1.45 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,688 | 81.5     | 1.17                     | 0.95                                      | 1.53 | 1.24 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,238 | 61.9     | 1.58                     | 1.38                                      | 1.32 | 1.15 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,681 | 25.7     | 1.13                     | 1.07                                      | 1.11 | 1.06 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,688 | 97.0     | 0.49                     | 0.42                                      | 1.39 | 1.18 |
| Current employer offers health insurance                              | F3B24=1           | 1,313 | 70.2     | 1.47                     | 1.26                                      | 1.35 | 1.16 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,348 | 0.8      | 0.35                     | 0.24                                      | 2.13 | 1.46 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,348 | 14.1     | 1.16                     | 0.95                                      | 1.50 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,348 | 0.5      | 0.20                     | 0.19                                      | 1.16 | 1.08 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,348 | 6.8      | 0.75                     | 0.69                                      | 1.20 | 1.09 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,348 | 2.3      | 0.44                     | 0.41                                      | 1.18 | 1.09 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,348 | 6.7      | 0.77                     | 0.68                                      | 1.28 | 1.13 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,145 | 29.7     | 1.56                     | 1.35                                      | 1.34 | 1.16 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,662 | 59.7     | 1.44                     | 1.20                                      | 1.43 | 1.20 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,662 | 14.1     | 1.05                     | 0.85                                      | 1.52 | 1.23 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,425 | 22.8     | 2.65                     | 2.12                                      | 1.56 | 1.25 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,425 | 25.6     | 2.13                     | 1.72                                      | 1.53 | 1.24 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,440 | 39.2     | 1.47                     | 1.29                                      | 1.30 | 1.14 |
| Volunteered with school/community organizations                       | F3D41E=1          | 594   | 23.5     | 2.10                     | 1.74                                      | 1.46 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 594   | 46.2     | 2.39                     | 2.05                                      | 1.36 | 1.17 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,432 | 71.9     | 1.41                     | 1.19                                      | 1.40 | 1.18 |
| Respondent served in military                                         | F3B01=1           | 1,412 | 2.8      | 0.46                     | 0.44                                      | 1.08 | 1.04 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,418 | 1.1      | 0.01                     | 0.01                                      | 1.22 | 1.11 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,417 | 1.3      | 0.02                     | 0.02                                      | 1.56 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,471 | 60.5     | 1.60                     | 1.27                                      | 1.58 | 1.26 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,236 | 1.3      | 0.02                     | 0.02                                      | 1.28 | 1.13 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.48 | 1.21 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.40 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.56 | 1.60 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.34 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-22. Student design effects, by item, using base year to third follow-up panel weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,855 | 21.3     | 1.32                     | 0.95                                      | 1.94 | 1.39 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,855 | 70.4     | 1.41                     | 1.06                                      | 1.76 | 1.33 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,855 | 8.0      | 0.84                     | 0.63                                      | 1.78 | 1.33 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,854 | 78.4     | 1.24                     | 0.96                                      | 1.67 | 1.29 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,317 | 47.3     | 1.67                     | 1.38                                      | 1.48 | 1.21 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,851 | 24.2     | 1.07                     | 1.00                                      | 1.15 | 1.07 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,855 | 96.5     | 0.52                     | 0.43                                      | 1.46 | 1.21 |
| Current employer offers health insurance                              | F3B24=1           | 1,443 | 64.4     | 1.61                     | 1.26                                      | 1.63 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,399 | 1.0      | 0.30                     | 0.27                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,399 | 12.3     | 1.05                     | 0.88                                      | 1.43 | 1.20 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,399 | 1.0      | 0.26                     | 0.26                                      | 0.97 | 0.99 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,399 | 6.9      | 0.79                     | 0.68                                      | 1.36 | 1.17 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,399 | 2.7      | 0.43                     | 0.43                                      | 0.99 | 1.00 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,399 | 7.2      | 0.81                     | 0.69                                      | 1.36 | 1.17 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,207 | 27.2     | 1.52                     | 1.28                                      | 1.40 | 1.18 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,835 | 44.5     | 1.39                     | 1.16                                      | 1.44 | 1.20 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,835 | 28.7     | 1.33                     | 1.06                                      | 1.59 | 1.26 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,589 | 22.6     | 2.27                     | 2.12                                      | 1.14 | 1.07 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,593 | 42.0     | 2.82                     | 2.12                                      | 1.76 | 1.33 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,601 | 29.9     | 1.36                     | 1.14                                      | 1.41 | 1.19 |
| Volunteered with school/community organizations                       | F3D41E=1          | 516   | 16.9     | 1.76                     | 1.65                                      | 1.14 | 1.07 |
| Volunteered with church-related group                                 | F3D41D=1          | 516   | 39.1     | 2.55                     | 2.15                                      | 1.41 | 1.19 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,592 | 47.5     | 1.57                     | 1.25                                      | 1.58 | 1.26 |
| Respondent served in military                                         | F3B01=1           | 1,569 | 2.1      | 0.46                     | 0.36                                      | 1.58 | 1.26 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,582 | 1.1      | 0.01                     | 0.01                                      | 1.23 | 1.11 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,573 | 1.4      | 0.02                     | 0.02                                      | 1.37 | 1.17 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,635 | 62.4     | 1.32                     | 1.20                                      | 1.21 | 1.10 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,313 | 1.4      | 0.02                     | 0.02                                      | 1.50 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.43 | 1.19 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.97 | 0.99 |
| Median                                                                |                   |       |          |                          |                                           | 1.42 | 1.19 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.94 | 1.39 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.24 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-23. Student design effects, by item, using base year to third follow-up panel weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 615 | 16.7     | 1.96                     | 1.51                                      | 1.69 | 1.30 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 615 | 76.0     | 2.23                     | 1.72                                      | 1.67 | 1.29 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 615 | 9.1      | 1.50                     | 1.16                                      | 1.66 | 1.29 |
| Ever attended a postsecondary school                                  | F3A11=1           | 614 | 78.3     | 1.94                     | 1.67                                      | 1.35 | 1.16 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 456 | 54.3     | 3.08                     | 2.34                                      | 1.74 | 1.32 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 614 | 21.8     | 1.98                     | 1.67                                      | 1.40 | 1.18 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 615 | 96.8     | 0.97                     | 0.71                                      | 1.86 | 1.37 |
| Current employer offers health insurance                              | F3B24=1           | 502 | 68.0     | 2.68                     | 2.08                                      | 1.65 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 457 | 0.4      | 0.42                     | 0.30                                      | 1.91 | 1.38 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 457 | 15.0     | 2.17                     | 1.67                                      | 1.68 | 1.30 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 457 | 2.8      | 0.99                     | 0.77                                      | 1.67 | 1.29 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 457 | 7.9      | 1.47                     | 1.26                                      | 1.35 | 1.16 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 457 | 1.2      | 0.53                     | 0.51                                      | 1.05 | 1.03 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 457 | 5.9      | 1.18                     | 1.11                                      | 1.13 | 1.06 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 402 | 29.0     | 2.72                     | 2.27                                      | 1.44 | 1.20 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 608 | 48.6     | 2.50                     | 2.03                                      | 1.52 | 1.23 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 608 | 24.2     | 2.21                     | 1.74                                      | 1.61 | 1.27 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 543 | 29.7     | 5.00                     | 3.79                                      | 1.74 | 1.32 |
| Number of siblings living with respondent                             | F3D15B=continuous | 542 | 22.8     | 2.99                     | 2.37                                      | 1.59 | 1.26 |
| Respondent performed community service in past 2 years                | F3D40=1           | 544 | 37.2     | 2.57                     | 2.07                                      | 1.53 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 222 | 23.8     | 3.79                     | 2.87                                      | 1.75 | 1.32 |
| Volunteered with church-related group                                 | F3D41D=1          | 222 | 34.4     | 4.15                     | 3.20                                      | 1.69 | 1.30 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 543 | 57.5     | 2.65                     | 2.12                                      | 1.56 | 1.25 |
| Respondent served in military                                         | F3B01=1           | 521 | 3.9      | 1.08                     | 0.85                                      | 1.63 | 1.28 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 540 | 1.1      | 0.02                     | 0.02                                      | 1.45 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 537 | 1.4      | 0.04                     | 0.03                                      | 1.85 | 1.36 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 553 | 60.1     | 2.68                     | 2.08                                      | 1.65 | 1.29 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 454 | 1.5      | 0.04                     | 0.03                                      | 1.78 | 1.33 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.59 | 1.26 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.05 | 1.03 |
| Median                                                                |                   |     |          |                          |                                           | 1.65 | 1.29 |
| Maximum                                                               |                   |     |          |                          |                                           | 1.91 | 1.38 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.20 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-24. Student design effects, by item, using base year to third follow-up panel weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 7,578 | 9.3      | 0.47                     | 0.33                                      | 1.98 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 7,578 | 88.1     | 0.55                     | 0.37                                      | 2.15 | 1.47 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 7,578 | 5.0      | 0.32                     | 0.25                                      | 1.59 | 1.26 |
| Ever attended a postsecondary school                                  | F3A11=1           | 7,577 | 86.2     | 0.54                     | 0.40                                      | 1.85 | 1.36 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,240 | 54.5     | 0.82                     | 0.63                                      | 1.70 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 7,574 | 23.5     | 0.60                     | 0.49                                      | 1.53 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 7,577 | 98.7     | 0.15                     | 0.13                                      | 1.37 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 6,524 | 73.9     | 0.71                     | 0.54                                      | 1.70 | 1.30 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,764 | 0.5      | 0.10                     | 0.09                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,764 | 15.0     | 0.60                     | 0.47                                      | 1.63 | 1.28 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,764 | 1.1      | 0.17                     | 0.14                                      | 1.63 | 1.28 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,764 | 6.6      | 0.38                     | 0.33                                      | 1.35 | 1.16 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,764 | 3.0      | 0.27                     | 0.23                                      | 1.41 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,764 | 10.2     | 0.44                     | 0.40                                      | 1.20 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 5,225 | 32.0     | 0.82                     | 0.65                                      | 1.61 | 1.27 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 7,513 | 41.4     | 0.77                     | 0.57                                      | 1.83 | 1.35 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 7,513 | 32.3     | 0.75                     | 0.54                                      | 1.93 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,919 | 27.6     | 1.24                     | 1.10                                      | 1.28 | 1.13 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,924 | 15.4     | 0.86                     | 0.60                                      | 2.09 | 1.45 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,956 | 41.3     | 0.73                     | 0.59                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,018 | 18.9     | 0.77                     | 0.71                                      | 1.16 | 1.08 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,018 | 35.2     | 1.13                     | 0.87                                      | 1.70 | 1.30 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,943 | 63.5     | 0.75                     | 0.58                                      | 1.70 | 1.30 |
| Respondent served in military                                         | F3B01=1           | 6,802 | 2.3      | 0.23                     | 0.18                                      | 1.63 | 1.28 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,907 | 1.1      | 0.00                     | 0.00                                      | 1.29 | 1.14 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,907 | 1.3      | 0.01                     | 0.01                                      | 1.63 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 7,049 | 70.4     | 0.64                     | 0.54                                      | 1.39 | 1.18 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,234 | 1.5      | 0.01                     | 0.01                                      | 1.51 | 1.23 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.59 | 1.26 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.16 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.15 | 1.47 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.26 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-25. Student design effects, by item, using base year to third follow-up panel weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 10,160 | 14.3     | 0.52                     | 0.35                                      | 2.22 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 10,160 | 81.2     | 0.62                     | 0.39                                      | 2.57 | 1.60 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 10,160 | 6.5      | 0.31                     | 0.24                                      | 1.63 | 1.28 |
| Ever attended a postsecondary school                                  | F3A11=1           | 10,156 | 82.9     | 0.50                     | 0.37                                      | 1.80 | 1.34 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 7,693  | 55.0     | 0.71                     | 0.57                                      | 1.54 | 1.24 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 10,140 | 23.9     | 0.45                     | 0.42                                      | 1.13 | 1.07 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 10,157 | 97.8     | 0.17                     | 0.15                                      | 1.34 | 1.16 |
| Current employer offers health insurance                              | F3B24=1           | 8,325  | 71.1     | 0.59                     | 0.50                                      | 1.39 | 1.18 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 7,692  | 0.7      | 0.10                     | 0.09                                      | 1.27 | 1.13 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 7,692  | 14.1     | 0.49                     | 0.40                                      | 1.50 | 1.23 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 7,692  | 1.0      | 0.14                     | 0.12                                      | 1.37 | 1.17 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 7,692  | 6.8      | 0.32                     | 0.29                                      | 1.22 | 1.10 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 7,692  | 2.7      | 0.20                     | 0.18                                      | 1.20 | 1.10 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 7,692  | 8.6      | 0.35                     | 0.32                                      | 1.17 | 1.08 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 6,780  | 30.2     | 0.66                     | 0.56                                      | 1.38 | 1.17 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 10,046 | 44.9     | 0.65                     | 0.50                                      | 1.70 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 10,046 | 28.4     | 0.61                     | 0.45                                      | 1.82 | 1.35 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 8,961  | 25.6     | 0.97                     | 0.94                                      | 1.07 | 1.03 |
| Number of siblings living with respondent                             | F3D15B=continuous | 8,966  | 23.0     | 0.91                     | 0.66                                      | 1.91 | 1.38 |
| Respondent performed community service in past 2 years                | F3D40=1           | 9,022  | 38.0     | 0.64                     | 0.51                                      | 1.55 | 1.25 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,531  | 19.8     | 0.68                     | 0.67                                      | 1.02 | 1.01 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,531  | 37.5     | 1.00                     | 0.81                                      | 1.51 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 8,991  | 60.1     | 0.70                     | 0.52                                      | 1.85 | 1.36 |
| Respondent served in military                                         | F3B01=1           | 8,816  | 2.5      | 0.19                     | 0.17                                      | 1.36 | 1.17 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 8,936  | 1.1      | 0.00                     | 0.00                                      | 1.11 | 1.05 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 8,917  | 1.3      | 0.01                     | 0.01                                      | 1.36 | 1.17 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 9,180  | 66.5     | 0.57                     | 0.49                                      | 1.35 | 1.16 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 7,688  | 1.5      | 0.01                     | 0.01                                      | 1.39 | 1.18 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.49 | 1.21 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.02 | 1.01 |
| Median                                                                |                   |        |          |                          |                                           | 1.38 | 1.18 |
| Maximum                                                               |                   |        |          |                          |                                           | 2.57 | 1.60 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.35 | 0.14 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-26. Student design effects, by item, using base year to third follow-up panel weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,734 | 2.2      | 0.45                     | 0.35                                      | 1.60 | 1.27 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,734 | 97.7     | 0.47                     | 0.36                                      | 1.73 | 1.31 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,734 | 1.3      | 0.31                     | 0.27                                      | 1.29 | 1.14 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,734 | 98.1     | 0.37                     | 0.33                                      | 1.32 | 1.15 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,575 | 51.2     | 1.61                     | 1.26                                      | 1.64 | 1.28 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,732 | 25.2     | 1.12                     | 1.04                                      | 1.16 | 1.08 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,734 | 98.8     | 0.31                     | 0.26                                      | 1.33 | 1.15 |
| Current employer offers health insurance                              | F3B24=1           | 1,488 | 77.1     | 1.13                     | 1.09                                      | 1.07 | 1.03 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,364 | 0.1      | 0.08                     | 0.09                                      | 0.84 | 0.92 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,364 | 17.0     | 1.40                     | 1.02                                      | 1.89 | 1.38 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,364 | 0.9      | 0.32                     | 0.26                                      | 1.53 | 1.24 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,364 | 9.4      | 0.91                     | 0.79                                      | 1.33 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,364 | 4.3      | 0.69                     | 0.55                                      | 1.61 | 1.27 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,364 | 9.4      | 0.86                     | 0.79                                      | 1.18 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,232 | 36.8     | 1.49                     | 1.37                                      | 1.17 | 1.08 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,718 | 58.0     | 1.41                     | 1.19                                      | 1.40 | 1.18 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,718 | 19.7     | 1.15                     | 0.96                                      | 1.44 | 1.20 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,568 | 35.4     | 3.68                     | 2.29                                      | 2.59 | 1.61 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,571 | 22.9     | 2.06                     | 1.49                                      | 1.91 | 1.38 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,585 | 47.1     | 1.32                     | 1.25                                      | 1.11 | 1.05 |
| Volunteered with school/community organizations                       | F3D41E=1          | 742   | 21.3     | 1.77                     | 1.50                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 742   | 26.3     | 2.04                     | 1.62                                      | 1.60 | 1.26 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,581 | 73.6     | 1.32                     | 1.11                                      | 1.41 | 1.19 |
| Respondent served in military                                         | F3B01=1           | 1,563 | 0.9      | 0.26                     | 0.24                                      | 1.15 | 1.07 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,571 | 1.1      | 0.01                     | 0.01                                      | 1.39 | 1.18 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,572 | 1.2      | 0.01                     | 0.01                                      | 0.58 | 0.76 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,605 | 73.7     | 0.95                     | 1.10                                      | 0.75 | 0.87 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,569 | 1.4      | 0.02                     | 0.02                                      | 1.48 | 1.21 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.39 | 1.17 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.58 | 0.76 |
| Median                                                                |                   |       |          |                          |                                           | 1.39 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.59 | 1.61 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.39 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-27. Student design effects, by item, using base year to third follow-up panel weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,238 | 6.2      | 1.29                     | 0.68                                      | 3.54 | 1.88 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,238 | 91.7     | 1.60                     | 0.78                                      | 4.19 | 2.05 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,238 | 2.8      | 0.80                     | 0.47                                      | 2.87 | 1.69 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,238 | 95.5     | 1.11                     | 0.59                                      | 3.52 | 1.88 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,122 | 51.7     | 2.30                     | 1.49                                      | 2.38 | 1.54 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,237 | 22.3     | 1.51                     | 1.18                                      | 1.64 | 1.28 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,238 | 98.1     | 0.53                     | 0.38                                      | 1.91 | 1.38 |
| Current employer offers health insurance                              | F3B24=1           | 1,051 | 70.7     | 1.73                     | 1.40                                      | 1.51 | 1.23 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 954   | 0.4      | 0.27                     | 0.20                                      | 1.85 | 1.36 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 954   | 15.0     | 1.39                     | 1.16                                      | 1.43 | 1.20 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 954   | 1.3      | 0.44                     | 0.37                                      | 1.39 | 1.18 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 954   | 6.4      | 0.98                     | 0.79                                      | 1.53 | 1.24 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 954   | 2.7      | 0.53                     | 0.52                                      | 1.04 | 1.02 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 954   | 11.7     | 1.40                     | 1.04                                      | 1.80 | 1.34 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 873   | 34.2     | 1.78                     | 1.61                                      | 1.22 | 1.11 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,222 | 48.3     | 2.60                     | 1.43                                      | 3.30 | 1.82 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,222 | 33.1     | 3.08                     | 1.35                                      | 5.24 | 2.29 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,148 | 36.3     | 3.60                     | 2.74                                      | 1.72 | 1.31 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,148 | 20.3     | 3.67                     | 1.99                                      | 3.41 | 1.85 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,151 | 54.3     | 2.34                     | 1.47                                      | 2.55 | 1.60 |
| Volunteered with school/community organizations                       | F3D41E=1          | 611   | 18.7     | 1.82                     | 1.58                                      | 1.33 | 1.15 |
| Volunteered with church-related group                                 | F3D41D=1          | 611   | 44.8     | 4.37                     | 2.01                                      | 4.72 | 2.17 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,148 | 72.9     | 1.84                     | 1.31                                      | 1.96 | 1.40 |
| Respondent served in military                                         | F3B01=1           | 1,135 | 1.4      | 0.54                     | 0.35                                      | 2.33 | 1.53 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,145 | 1.1      | 0.01                     | 0.01                                      | 1.26 | 1.12 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,146 | 1.2      | 0.02                     | 0.02                                      | 2.12 | 1.46 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,176 | 63.9     | 1.87                     | 1.40                                      | 1.78 | 1.33 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,121 | 1.5      | 0.03                     | 0.02                                      | 1.68 | 1.30 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 2.33 | 1.49 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.04 | 1.02 |
| Median                                                                |                   |       |          |                          |                                           | 1.88 | 1.37 |
| Maximum                                                               |                   |       |          |                          |                                           | 5.24 | 2.29 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 1.11 | 0.34 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-28. Student design effects, by item, using base year to third follow-up panel weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,909 | 31.2     | 1.12                     | 0.86                                      | 1.70 | 1.30 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,909 | 61.3     | 1.17                     | 0.90                                      | 1.66 | 1.29 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,909 | 12.5     | 0.76                     | 0.61                                      | 1.53 | 1.24 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,908 | 49.0     | 1.09                     | 0.93                                      | 1.39 | 1.18 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,338 | 48.8     | 1.60                     | 1.37                                      | 1.37 | 1.17 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,904 | 19.4     | 0.80                     | 0.73                                      | 1.18 | 1.09 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,909 | 96.7     | 0.40                     | 0.33                                      | 1.44 | 1.20 |
| Current employer offers health insurance                              | F3B24=1           | 2,229 | 53.0     | 1.23                     | 1.06                                      | 1.36 | 1.17 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,938 | 1.9      | 0.34                     | 0.31                                      | 1.21 | 1.10 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,938 | 9.6      | 0.88                     | 0.67                                      | 1.73 | 1.32 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,938 | 0.4      | 0.15                     | 0.15                                      | 0.99 | 1.00 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,938 | 4.0      | 0.51                     | 0.44                                      | 1.31 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,938 | 3.7      | 0.44                     | 0.43                                      | 1.06 | 1.03 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,938 | 4.1      | 0.50                     | 0.45                                      | 1.26 | 1.12 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,648 | 21.8     | 1.14                     | 1.02                                      | 1.26 | 1.12 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,863 | 45.9     | 1.07                     | 0.93                                      | 1.33 | 1.15 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,863 | 23.3     | 0.94                     | 0.79                                      | 1.42 | 1.19 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 2,449 | 25.2     | 2.20                     | 2.15                                      | 1.05 | 1.02 |
| Number of siblings living with respondent                             | F3D15B=continuous | 2,451 | 29.1     | 1.77                     | 1.45                                      | 1.49 | 1.22 |
| Respondent performed community service in past 2 years                | F3D40=1           | 2,473 | 26.2     | 1.00                     | 0.88                                      | 1.27 | 1.13 |
| Volunteered with school/community organizations                       | F3D41E=1          | 678   | 15.5     | 1.54                     | 1.39                                      | 1.22 | 1.11 |
| Volunteered with church-related group                                 | F3D41D=1          | 678   | 42.8     | 2.34                     | 1.90                                      | 1.52 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 2,465 | 44.0     | 1.18                     | 1.00                                      | 1.39 | 1.18 |
| Respondent served in military                                         | F3B01=1           | 2,490 | 3.2      | 0.44                     | 0.35                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 2,441 | 1.1      | 0.01                     | 0.01                                      | 1.16 | 1.08 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 2,431 | 1.3      | 0.01                     | 0.01                                      | 1.28 | 1.13 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,534 | 48.5     | 1.16                     | 0.99                                      | 1.37 | 1.17 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,337 | 1.6      | 0.02                     | 0.02                                      | 1.48 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.36 | 1.16 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.99 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.37 | 1.17 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.73 | 1.32 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.19 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-29. Student design effects, by item, using base year to third follow-up panel weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,454 | 10.5     | 0.48                     | 0.38                                      | 1.60 | 1.26 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,454 | 85.5     | 0.61                     | 0.44                                      | 1.96 | 1.40 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,454 | 5.5      | 0.34                     | 0.28                                      | 1.44 | 1.20 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,451 | 93.7     | 0.37                     | 0.30                                      | 1.50 | 1.22 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,497 | 49.0     | 0.83                     | 0.67                                      | 1.51 | 1.23 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,437 | 29.0     | 0.63                     | 0.57                                      | 1.26 | 1.12 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,451 | 97.5     | 0.24                     | 0.19                                      | 1.49 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 5,241 | 72.5     | 0.74                     | 0.62                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,936 | 0.4      | 0.10                     | 0.09                                      | 1.27 | 1.13 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,936 | 15.5     | 0.70                     | 0.52                                      | 1.82 | 1.35 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,936 | 1.2      | 0.19                     | 0.16                                      | 1.51 | 1.23 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,936 | 8.0      | 0.44                     | 0.39                                      | 1.31 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,936 | 3.3      | 0.30                     | 0.25                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,936 | 6.8      | 0.42                     | 0.36                                      | 1.35 | 1.16 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,331 | 31.1     | 0.77                     | 0.70                                      | 1.21 | 1.10 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,392 | 45.0     | 0.85                     | 0.62                                      | 1.88 | 1.37 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,392 | 29.2     | 0.75                     | 0.57                                      | 1.73 | 1.31 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,723 | 25.8     | 1.29                     | 1.02                                      | 1.62 | 1.27 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,726 | 23.9     | 1.10                     | 0.85                                      | 1.66 | 1.29 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,756 | 37.1     | 0.82                     | 0.64                                      | 1.67 | 1.29 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,240 | 19.7     | 1.02                     | 0.84                                      | 1.46 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,240 | 36.4     | 1.29                     | 1.02                                      | 1.60 | 1.26 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,737 | 62.0     | 0.90                     | 0.64                                      | 1.97 | 1.40 |
| Respondent served in military                                         | F3B01=1           | 5,550 | 2.7      | 0.27                     | 0.22                                      | 1.49 | 1.22 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,705 | 1.1      | 0.00                     | 0.00                                      | 1.29 | 1.14 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,700 | 1.4      | 0.01                     | 0.01                                      | 1.62 | 1.27 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,849 | 68.6     | 0.72                     | 0.61                                      | 1.41 | 1.19 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,485 | 1.5      | 0.01                     | 0.01                                      | 1.55 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.54 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.21 | 1.10 |
| Median                                                                |                   |       |          |                          |                                           | 1.50 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.97 | 1.40 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.20 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-30. Student design effects, by item, using base year to third follow-up panel weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,769 | 1.7      | 0.31                     | 0.21                                      | 2.21 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,769 | 97.1     | 0.35                     | 0.27                                      | 1.67 | 1.29 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,769 | 0.9      | 0.22                     | 0.15                                      | 2.16 | 1.47 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,769 | 100.0    | 0.01                     | 0.02                                      | 0.37 | 0.61 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,555 | 67.5     | 1.04                     | 0.79                                      | 1.73 | 1.32 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,768 | 18.2     | 0.77                     | 0.63                                      | 1.48 | 1.22 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,769 | 99.7     | 0.07                     | 0.09                                      | 0.67 | 0.82 |
| Current employer offers health insurance                              | F3B24=1           | 3,394 | 84.9     | 0.73                     | 0.61                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 3,136 | 0.0      | 0.00                     | .                                         | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 3,136 | 15.8     | 0.80                     | 0.65                                      | 1.49 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 3,136 | 1.2      | 0.26                     | 0.19                                      | 1.89 | 1.37 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 3,136 | 7.2      | 0.55                     | 0.46                                      | 1.45 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 3,136 | 0.9      | 0.22                     | 0.17                                      | 1.66 | 1.29 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 3,136 | 16.2     | 0.79                     | 0.66                                      | 1.46 | 1.21 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,906 | 36.4     | 1.13                     | 0.89                                      | 1.60 | 1.26 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,731 | 46.4     | 1.02                     | 0.82                                      | 1.56 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,731 | 31.3     | 1.06                     | 0.76                                      | 1.95 | 1.40 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,505 | 28.5     | 1.65                     | 1.58                                      | 1.09 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,508 | 15.2     | 1.09                     | 0.81                                      | 1.82 | 1.35 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,529 | 54.4     | 0.97                     | 0.84                                      | 1.34 | 1.16 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,966 | 21.8     | 1.10                     | 0.93                                      | 1.40 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,966 | 35.8     | 1.43                     | 1.08                                      | 1.74 | 1.32 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,518 | 75.1     | 0.90                     | 0.73                                      | 1.54 | 1.24 |
| Respondent served in military                                         | F3B01=1           | 3,474 | 0.9      | 0.21                     | 0.16                                      | 1.68 | 1.29 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,506 | 1.1      | 0.01                     | 0.00                                      | 1.63 | 1.28 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,504 | 1.3      | 0.01                     | 0.01                                      | 1.58 | 1.26 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,578 | 79.9     | 0.85                     | 0.67                                      | 1.61 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,556 | 1.3      | 0.01                     | 0.01                                      | 1.76 | 1.33 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.55 | 1.23 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.37 | 0.61 |
| Median                                                                |                   |       |          |                          |                                           | 1.60 | 1.26 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.21 | 1.49 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.38 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-31. Student design effects, by item, using first follow-up to third follow-up panel weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 12,444 | 12.3     | 0.48                     | 0.29                                      | 2.63 | 1.62 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 12,444 | 83.8     | 0.56                     | 0.33                                      | 2.92 | 1.71 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 12,444 | 5.7      | 0.32                     | 0.21                                      | 2.35 | 1.53 |
| Ever attended a postsecondary school                                  | F3A11=1           | 12,440 | 84.8     | 0.49                     | 0.32                                      | 2.29 | 1.51 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 9,992  | 55.2     | 0.67                     | 0.50                                      | 1.82 | 1.35 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 12,422 | 23.8     | 0.44                     | 0.38                                      | 1.32 | 1.15 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 12,441 | 97.8     | 0.15                     | 0.13                                      | 1.41 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 10,354 | 71.5     | 0.57                     | 0.44                                      | 1.65 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 9,477  | 0.7      | 0.10                     | 0.08                                      | 1.46 | 1.21 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 9,477  | 14.2     | 0.46                     | 0.36                                      | 1.65 | 1.28 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 9,477  | 1.1      | 0.14                     | 0.11                                      | 1.75 | 1.32 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 9,477  | 7.1      | 0.31                     | 0.26                                      | 1.41 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 9,477  | 2.7      | 0.20                     | 0.17                                      | 1.46 | 1.21 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 9,477  | 8.8      | 0.34                     | 0.29                                      | 1.34 | 1.16 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 8,444  | 31.0     | 0.64                     | 0.50                                      | 1.63 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 12,303 | 46.1     | 0.63                     | 0.45                                      | 1.96 | 1.40 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 12,303 | 28.2     | 0.58                     | 0.41                                      | 2.06 | 1.44 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 11,123 | 26.8     | 0.97                     | 0.86                                      | 1.27 | 1.13 |
| Number of siblings living with respondent                             | F3D15B=continuous | 11,133 | 23.1     | 0.89                     | 0.60                                      | 2.24 | 1.50 |
| Respondent performed community service in past 2 years                | F3D40=1           | 11,201 | 39.2     | 0.60                     | 0.46                                      | 1.70 | 1.30 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,698  | 19.7     | 0.64                     | 0.58                                      | 1.23 | 1.11 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,698  | 37.6     | 0.97                     | 0.71                                      | 1.89 | 1.37 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 11,169 | 61.6     | 0.67                     | 0.46                                      | 2.10 | 1.45 |
| Respondent served in military                                         | F3B01=1           | 10,972 | 2.3      | 0.18                     | 0.14                                      | 1.53 | 1.24 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 11,108 | 1.1      | 0.00                     | 0.00                                      | 1.31 | 1.15 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 11,092 | 1.3      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 11,397 | 67.0     | 0.56                     | 0.44                                      | 1.59 | 1.26 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 9,980  | 1.5      | 0.01                     | 0.01                                      | 1.63 | 1.28 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.76 | 1.32 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.23 | 1.11 |
| Median                                                                |                   |        |          |                          |                                           | 1.64 | 1.28 |
| Maximum                                                               |                   |        |          |                          |                                           | 2.92 | 1.71 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.43 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-32. Student design effects, by item, using first follow-up to third follow-up panel weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,890 | 14.6     | 0.68                     | 0.46                                      | 2.21 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,890 | 81.1     | 0.75                     | 0.51                                      | 2.18 | 1.47 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,890 | 6.8      | 0.46                     | 0.33                                      | 1.99 | 1.41 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,888 | 81.0     | 0.70                     | 0.51                                      | 1.87 | 1.37 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,485 | 49.3     | 0.97                     | 0.75                                      | 1.70 | 1.31 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,877 | 24.9     | 0.68                     | 0.56                                      | 1.46 | 1.21 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,888 | 98.6     | 0.19                     | 0.15                                      | 1.43 | 1.20 |
| Current employer offers health insurance                              | F3B24=1           | 4,823 | 72.9     | 0.72                     | 0.64                                      | 1.28 | 1.13 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,522 | 1.2      | 0.19                     | 0.16                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,522 | 16.3     | 0.66                     | 0.55                                      | 1.46 | 1.21 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,522 | 2.0      | 0.27                     | 0.21                                      | 1.68 | 1.30 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,522 | 7.2      | 0.46                     | 0.38                                      | 1.45 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,522 | 3.4      | 0.33                     | 0.27                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,522 | 4.8      | 0.34                     | 0.32                                      | 1.17 | 1.08 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,966 | 30.3     | 0.98                     | 0.73                                      | 1.81 | 1.35 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,813 | 50.8     | 0.85                     | 0.66                                      | 1.68 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,813 | 25.6     | 0.78                     | 0.57                                      | 1.87 | 1.37 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,176 | 35.1     | 1.68                     | 1.53                                      | 1.21 | 1.10 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,179 | 26.0     | 1.21                     | 0.91                                      | 1.74 | 1.32 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,202 | 36.0     | 0.82                     | 0.67                                      | 1.51 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,998 | 20.2     | 1.02                     | 0.90                                      | 1.28 | 1.13 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,998 | 36.9     | 1.47                     | 1.08                                      | 1.86 | 1.36 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,190 | 56.9     | 0.92                     | 0.69                                      | 1.78 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 4,987 | 4.0      | 0.35                     | 0.28                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,170 | 1.1      | 0.01                     | 0.00                                      | 1.52 | 1.23 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,160 | 1.3      | 0.01                     | 0.01                                      | 1.46 | 1.21 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,304 | 72.8     | 0.73                     | 0.61                                      | 1.42 | 1.19 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,483 | 1.6      | 0.01                     | 0.01                                      | 1.73 | 1.31 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.17 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.56 | 1.25 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.21 | 1.49 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.27 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-33. Student design effects, by item, using first follow-up to third follow-up panel weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,554 | 10.2     | 0.53                     | 0.37                                      | 1.99 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,554 | 86.5     | 0.70                     | 0.42                                      | 2.75 | 1.66 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,554 | 4.6      | 0.37                     | 0.26                                      | 2.05 | 1.43 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,552 | 88.4     | 0.57                     | 0.40                                      | 2.06 | 1.43 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,507 | 60.2     | 0.86                     | 0.66                                      | 1.70 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,545 | 22.7     | 0.58                     | 0.52                                      | 1.25 | 1.12 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,553 | 97.2     | 0.24                     | 0.21                                      | 1.42 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 5,531 | 70.2     | 0.78                     | 0.62                                      | 1.62 | 1.27 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,955 | 0.1      | 0.06                     | 0.05                                      | 1.03 | 1.02 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,955 | 12.1     | 0.61                     | 0.46                                      | 1.75 | 1.32 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,955 | 0.3      | 0.09                     | 0.07                                      | 1.56 | 1.25 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,955 | 7.0      | 0.45                     | 0.36                                      | 1.52 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,955 | 2.1      | 0.24                     | 0.20                                      | 1.36 | 1.16 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,955 | 12.8     | 0.58                     | 0.47                                      | 1.47 | 1.21 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,478 | 31.7     | 0.86                     | 0.70                                      | 1.52 | 1.23 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,490 | 41.6     | 0.87                     | 0.61                                      | 2.01 | 1.42 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,490 | 30.8     | 0.84                     | 0.57                                      | 2.12 | 1.46 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,947 | 19.0     | 1.01                     | 0.87                                      | 1.34 | 1.16 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,954 | 20.4     | 1.07                     | 0.78                                      | 1.91 | 1.38 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,999 | 42.2     | 0.78                     | 0.64                                      | 1.51 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,700 | 19.3     | 0.89                     | 0.76                                      | 1.38 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,700 | 38.2     | 1.16                     | 0.94                                      | 1.55 | 1.24 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,979 | 65.9     | 0.84                     | 0.61                                      | 1.89 | 1.38 |
| Respondent served in military                                         | F3B01=1           | 5,985 | 0.8      | 0.13                     | 0.11                                      | 1.24 | 1.11 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,938 | 1.1      | 0.00                     | 0.00                                      | 1.36 | 1.16 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,932 | 1.3      | 0.01                     | 0.01                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,093 | 61.6     | 0.79                     | 0.62                                      | 1.60 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,497 | 1.4      | 0.01                     | 0.01                                      | 1.36 | 1.17 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.64 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.03 | 1.02 |
| Median                                                                |                   |       |          |                          |                                           | 1.53 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.75 | 1.66 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.36 | 0.14 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-34. Student design effects, by item, using first follow-up to third follow-up panel weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N  | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 98 | 21.6     | 4.79                     | 4.18                                      | 1.31 | 1.15 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 98 | 72.6     | 5.36                     | 4.53                                      | 1.40 | 1.18 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 98 | 9.5      | 3.82                     | 2.98                                      | 1.64 | 1.28 |
| Ever attended a postsecondary school                                  | F3A11=1           | 98 | 72.1     | 5.80                     | 4.55                                      | 1.62 | 1.27 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 61 | 63.1     | 7.38                     | 6.23                                      | 1.40 | 1.19 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 96 | 21.8     | 5.02                     | 4.24                                      | 1.40 | 1.18 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 98 | 98.2     | 1.26                     | 1.34                                      | 0.89 | 0.94 |
| Current employer offers health insurance                              | F3B24=1           | 79 | 55.2     | 6.65                     | 5.63                                      | 1.39 | 1.18 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 70 | 4.0      | 2.90                     | 2.35                                      | 1.52 | 1.23 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 70 | 2.1      | 1.51                     | 1.72                                      | 0.77 | 0.87 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 70 | 1.9      | 1.29                     | 1.65                                      | 0.61 | 0.78 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 70 | 6.6      | 3.34                     | 2.99                                      | 1.25 | 1.12 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 70 | 0.5      | 0.47                     | 0.82                                      | 0.33 | 0.58 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 70 | 5.7      | 3.04                     | 2.80                                      | 1.18 | 1.08 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 62 | 16.9     | 4.57                     | 4.80                                      | 0.90 | 0.95 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 94 | 32.1     | 6.17                     | 4.84                                      | 1.62 | 1.27 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 94 | 33.2     | 6.98                     | 4.88                                      | 2.04 | 1.43 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 86 | 32.1     | 13.83                    | 12.16                                     | 1.29 | 1.14 |
| Number of siblings living with respondent                             | F3D15B=continuous | 86 | 32.2     | 7.86                     | 8.44                                      | 0.87 | 0.93 |
| Respondent performed community service in past 2 years                | F3D40=1           | 85 | 22.0     | 4.74                     | 4.52                                      | 1.10 | 1.05 |
| Volunteered with school/community organizations                       | F3D41E=1          | 22 | 23.0     | 11.87                    | 9.18                                      | 1.67 | 1.29 |
| Volunteered with church-related group                                 | F3D41D=1          | 22 | 39.3     | 11.62                    | 10.66                                     | 1.19 | 1.09 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 84 | 54.4     | 7.01                     | 5.47                                      | 1.65 | 1.28 |
| Respondent served in military                                         | F3B01=1           | 83 | 4.9      | 3.60                     | 2.40                                      | 2.25 | 1.50 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 85 | 1.1      | 0.04                     | 0.03                                      | 1.73 | 1.31 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 85 | 1.3      | 0.06                     | 0.06                                      | 1.06 | 1.03 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 87 | 57.6     | 6.74                     | 5.33                                      | 1.60 | 1.26 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 61 | 1.4      | 0.10                     | 0.08                                      | 1.50 | 1.22 |
| Summary statistics                                                    |                   |    |          |                          |                                           |      |      |
| Mean                                                                  |                   |    |          |                          |                                           | 1.33 | 1.14 |
| Minimum                                                               |                   |    |          |                          |                                           | 0.33 | 0.58 |
| Median                                                                |                   |    |          |                          |                                           | 1.40 | 1.18 |
| Maximum                                                               |                   |    |          |                          |                                           | 2.25 | 1.50 |
| Standard Deviation                                                    |                   |    |          |                          |                                           | 0.42 | 0.20 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-35. Student design effects, by item, using first follow-up to third follow-up panel weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,249 | 8.1      | 1.06                     | 0.77                                      | 1.87 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,249 | 88.8     | 1.30                     | 0.89                                      | 2.13 | 1.46 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,249 | 2.7      | 0.57                     | 0.46                                      | 1.52 | 1.23 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,249 | 92.5     | 1.10                     | 0.75                                      | 2.19 | 1.48 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,056 | 58.7     | 1.89                     | 1.52                                      | 1.55 | 1.25 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,246 | 24.7     | 1.51                     | 1.22                                      | 1.53 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,248 | 95.3     | 0.68                     | 0.60                                      | 1.27 | 1.13 |
| Current employer offers health insurance                              | F3B24=1           | 978   | 67.1     | 1.81                     | 1.50                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 934   | 0.2      | 0.18                     | 0.16                                      | 1.28 | 1.13 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 934   | 15.1     | 1.43                     | 1.17                                      | 1.49 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 934   | 1.2      | 0.44                     | 0.35                                      | 1.62 | 1.27 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 934   | 11.0     | 1.22                     | 1.02                                      | 1.43 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 934   | 2.4      | 0.62                     | 0.50                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 934   | 5.1      | 0.77                     | 0.72                                      | 1.13 | 1.06 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 816   | 31.8     | 1.82                     | 1.63                                      | 1.24 | 1.11 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,228 | 62.7     | 1.80                     | 1.38                                      | 1.70 | 1.31 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,228 | 18.8     | 1.42                     | 1.11                                      | 1.63 | 1.28 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,083 | 29.3     | 3.49                     | 3.03                                      | 1.32 | 1.15 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,083 | 54.2     | 4.35                     | 3.09                                      | 1.99 | 1.41 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,099 | 43.6     | 1.95                     | 1.50                                      | 1.71 | 1.31 |
| Volunteered with school/community organizations                       | F3D41E=1          | 500   | 25.6     | 2.21                     | 1.95                                      | 1.28 | 1.13 |
| Volunteered with church-related group                                 | F3D41D=1          | 500   | 36.2     | 2.75                     | 2.15                                      | 1.63 | 1.28 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,094 | 47.3     | 2.14                     | 1.51                                      | 2.00 | 1.42 |
| Respondent served in military                                         | F3B01=1           | 1,092 | 0.7      | 0.31                     | 0.26                                      | 1.46 | 1.21 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,089 | 1.1      | 0.01                     | 0.01                                      | 1.44 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,085 | 1.3      | 0.02                     | 0.02                                      | 1.43 | 1.20 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,133 | 58.9     | 1.44                     | 1.46                                      | 0.97 | 0.98 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,058 | 1.4      | 0.02                     | 0.02                                      | 1.38 | 1.17 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.54 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.97 | 0.98 |
| Median                                                                |                   |       |          |                          |                                           | 1.51 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.19 | 1.48 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.29 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-36. Student design effects, by item, using first follow-up to third follow-up panel weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,582 | 20.3     | 1.43                     | 1.01                                      | 2.01 | 1.42 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,582 | 74.6     | 1.69                     | 1.10                                      | 2.37 | 1.54 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,582 | 7.3      | 0.95                     | 0.65                                      | 2.12 | 1.45 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,581 | 81.5     | 1.28                     | 0.98                                      | 1.71 | 1.31 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,169 | 64.0     | 1.70                     | 1.40                                      | 1.47 | 1.21 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,574 | 25.7     | 1.19                     | 1.10                                      | 1.17 | 1.08 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,581 | 96.9     | 0.51                     | 0.44                                      | 1.38 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 1,231 | 69.8     | 1.54                     | 1.31                                      | 1.38 | 1.17 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,261 | 0.7      | 0.28                     | 0.24                                      | 1.36 | 1.17 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,261 | 14.1     | 1.20                     | 0.98                                      | 1.50 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,261 | 0.5      | 0.22                     | 0.21                                      | 1.14 | 1.07 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,261 | 7.3      | 0.81                     | 0.73                                      | 1.23 | 1.11 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,261 | 1.7      | 0.38                     | 0.37                                      | 1.08 | 1.04 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,261 | 6.9      | 0.81                     | 0.72                                      | 1.29 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,077 | 30.8     | 1.63                     | 1.41                                      | 1.34 | 1.16 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,556 | 60.1     | 1.45                     | 1.24                                      | 1.36 | 1.16 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,556 | 14.0     | 1.04                     | 0.88                                      | 1.41 | 1.19 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,338 | 22.4     | 2.75                     | 2.17                                      | 1.61 | 1.27 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,339 | 25.6     | 2.28                     | 1.79                                      | 1.63 | 1.28 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,352 | 39.2     | 1.57                     | 1.33                                      | 1.39 | 1.18 |
| Volunteered with school/community organizations                       | F3D41E=1          | 562   | 22.9     | 2.15                     | 1.78                                      | 1.47 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 562   | 46.9     | 2.46                     | 2.11                                      | 1.37 | 1.17 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,344 | 71.4     | 1.46                     | 1.23                                      | 1.39 | 1.18 |
| Respondent served in military                                         | F3B01=1           | 1,325 | 2.8      | 0.50                     | 0.45                                      | 1.19 | 1.09 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,333 | 1.1      | 0.01                     | 0.01                                      | 1.30 | 1.14 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,333 | 1.3      | 0.02                     | 0.02                                      | 1.63 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,381 | 60.3     | 1.67                     | 1.32                                      | 1.62 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,166 | 1.3      | 0.02                     | 0.02                                      | 1.23 | 1.11 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.47 | 1.21 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.38 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.37 | 1.54 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.30 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-37. Student design effects, by item, using first follow-up to third follow-up panel weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,755 | 19.9     | 1.34                     | 0.95                                      | 1.99 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,755 | 72.3     | 1.40                     | 1.07                                      | 1.73 | 1.31 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,755 | 8.2      | 1.00                     | 0.65                                      | 2.32 | 1.52 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,754 | 79.8     | 1.26                     | 0.96                                      | 1.72 | 1.31 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,268 | 46.6     | 1.83                     | 1.40                                      | 1.70 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,751 | 24.1     | 1.14                     | 1.02                                      | 1.23 | 1.11 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,755 | 96.5     | 0.51                     | 0.44                                      | 1.37 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 1,374 | 64.2     | 1.60                     | 1.29                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,322 | 0.9      | 0.29                     | 0.26                                      | 1.29 | 1.13 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,322 | 11.8     | 1.11                     | 0.89                                      | 1.55 | 1.25 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,322 | 1.2      | 0.32                     | 0.30                                      | 1.18 | 1.09 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,322 | 7.1      | 0.81                     | 0.70                                      | 1.32 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,322 | 2.9      | 0.46                     | 0.46                                      | 1.00 | 1.00 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,322 | 7.4      | 0.81                     | 0.72                                      | 1.28 | 1.13 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,142 | 28.0     | 1.57                     | 1.33                                      | 1.40 | 1.18 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,733 | 45.3     | 1.50                     | 1.20                                      | 1.57 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,733 | 28.7     | 1.40                     | 1.09                                      | 1.67 | 1.29 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,510 | 23.2     | 2.32                     | 2.22                                      | 1.09 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,514 | 43.0     | 2.93                     | 2.19                                      | 1.79 | 1.34 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,523 | 30.5     | 1.49                     | 1.18                                      | 1.60 | 1.26 |
| Volunteered with school/community organizations                       | F3D41E=1          | 496   | 17.0     | 1.89                     | 1.69                                      | 1.26 | 1.12 |
| Volunteered with church-related group                                 | F3D41D=1          | 496   | 39.6     | 2.94                     | 2.20                                      | 1.78 | 1.34 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,516 | 48.6     | 1.58                     | 1.28                                      | 1.52 | 1.23 |
| Respondent served in military                                         | F3B01=1           | 1,495 | 1.7      | 0.41                     | 0.33                                      | 1.50 | 1.22 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,504 | 1.1      | 0.01                     | 0.01                                      | 1.23 | 1.11 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,497 | 1.4      | 0.02                     | 0.02                                      | 1.63 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,558 | 63.0     | 1.46                     | 1.22                                      | 1.43 | 1.19 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,264 | 1.4      | 0.02                     | 0.02                                      | 1.55 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.51 | 1.22 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.00 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.53 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.32 | 1.52 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.28 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-38. Student design effects, by item, using first follow-up to third follow-up panel weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 551 | 14.9     | 2.09                     | 1.52                                      | 1.89 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 551 | 78.3     | 2.34                     | 1.76                                      | 1.77 | 1.33 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 551 | 8.5      | 1.64                     | 1.19                                      | 1.90 | 1.38 |
| Ever attended a postsecondary school                                  | F3A11=1           | 550 | 79.1     | 2.00                     | 1.73                                      | 1.33 | 1.15 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 424 | 56.1     | 3.21                     | 2.41                                      | 1.77 | 1.33 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 550 | 21.0     | 2.13                     | 1.74                                      | 1.50 | 1.23 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 551 | 96.8     | 1.08                     | 0.75                                      | 2.06 | 1.44 |
| Current employer offers health insurance                              | F3B24=1           | 456 | 68.1     | 2.85                     | 2.18                                      | 1.70 | 1.30 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 406 | 0.6      | 0.62                     | 0.39                                      | 2.51 | 1.58 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 406 | 13.9     | 2.31                     | 1.72                                      | 1.80 | 1.34 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 406 | 2.7      | 1.02                     | 0.80                                      | 1.61 | 1.27 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 406 | 8.0      | 1.69                     | 1.35                                      | 1.57 | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 406 | 1.3      | 0.59                     | 0.56                                      | 1.11 | 1.05 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 406 | 6.0      | 1.23                     | 1.18                                      | 1.08 | 1.04 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 365 | 29.1     | 2.87                     | 2.38                                      | 1.46 | 1.21 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 544 | 50.3     | 2.59                     | 2.15                                      | 1.46 | 1.21 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 544 | 24.1     | 2.26                     | 1.84                                      | 1.51 | 1.23 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 493 | 29.7     | 5.60                     | 3.99                                      | 1.97 | 1.40 |
| Number of siblings living with respondent                             | F3D15B=continuous | 492 | 23.1     | 3.29                     | 2.50                                      | 1.73 | 1.31 |
| Respondent performed community service in past 2 years                | F3D40=1           | 493 | 37.6     | 2.74                     | 2.18                                      | 1.58 | 1.26 |
| Volunteered with school/community organizations                       | F3D41E=1          | 203 | 23.1     | 3.84                     | 2.96                                      | 1.67 | 1.29 |
| Volunteered with church-related group                                 | F3D41D=1          | 203 | 36.3     | 4.42                     | 3.38                                      | 1.70 | 1.31 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 492 | 58.6     | 2.74                     | 2.22                                      | 1.52 | 1.23 |
| Respondent served in military                                         | F3B01=1           | 472 | 3.8      | 1.16                     | 0.88                                      | 1.74 | 1.32 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 490 | 1.1      | 0.02                     | 0.01                                      | 1.49 | 1.22 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 487 | 1.4      | 0.04                     | 0.03                                      | 1.90 | 1.38 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 501 | 59.9     | 2.91                     | 2.19                                      | 1.77 | 1.33 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 423 | 1.5      | 0.04                     | 0.03                                      | 1.83 | 1.35 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.68 | 1.29 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |     |          |                          |                                           | 1.70 | 1.31 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.51 | 1.58 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.28 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-39. Student design effects, by item, using first follow-up to third follow-up panel weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 7,209 | 8.4      | 0.45                     | 0.33                                      | 1.89 | 1.37 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 7,209 | 89.4     | 0.53                     | 0.36                                      | 2.14 | 1.46 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 7,209 | 4.6      | 0.33                     | 0.25                                      | 1.82 | 1.35 |
| Ever attended a postsecondary school                                  | F3A11=1           | 7,208 | 86.9     | 0.55                     | 0.40                                      | 1.92 | 1.39 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,014 | 55.0     | 0.83                     | 0.64                                      | 1.69 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 7,205 | 23.4     | 0.62                     | 0.50                                      | 1.54 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 7,208 | 98.7     | 0.16                     | 0.13                                      | 1.40 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 6,236 | 74.3     | 0.72                     | 0.55                                      | 1.68 | 1.30 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,484 | 0.6      | 0.12                     | 0.10                                      | 1.46 | 1.21 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,484 | 15.0     | 0.61                     | 0.48                                      | 1.61 | 1.27 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,484 | 1.1      | 0.19                     | 0.14                                      | 1.71 | 1.31 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,484 | 6.7      | 0.40                     | 0.34                                      | 1.39 | 1.18 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,484 | 3.1      | 0.28                     | 0.23                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,484 | 10.2     | 0.45                     | 0.41                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,982 | 32.0     | 0.84                     | 0.66                                      | 1.62 | 1.27 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 7,148 | 41.8     | 0.80                     | 0.58                                      | 1.86 | 1.37 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 7,148 | 32.3     | 0.77                     | 0.55                                      | 1.94 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,613 | 28.2     | 1.31                     | 1.15                                      | 1.31 | 1.15 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,619 | 15.4     | 0.88                     | 0.61                                      | 2.11 | 1.45 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,649 | 41.5     | 0.75                     | 0.60                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,915 | 18.9     | 0.78                     | 0.72                                      | 1.14 | 1.07 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,915 | 35.5     | 1.17                     | 0.89                                      | 1.75 | 1.32 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,639 | 63.9     | 0.75                     | 0.59                                      | 1.63 | 1.28 |
| Respondent served in military                                         | F3B01=1           | 6,505 | 2.3      | 0.24                     | 0.19                                      | 1.63 | 1.28 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,607 | 1.1      | 0.00                     | 0.00                                      | 1.31 | 1.15 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,605 | 1.3      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,737 | 70.6     | 0.67                     | 0.55                                      | 1.44 | 1.20 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,008 | 1.5      | 0.01                     | 0.01                                      | 1.63 | 1.28 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.14 | 1.07 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.14 | 1.46 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.25 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-40. Student design effects, by item, using first follow-up to third follow-up panel weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 9,574 | 13.0     | 0.51                     | 0.34                                      | 2.17 | 1.47 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 9,574 | 82.9     | 0.60                     | 0.38                                      | 2.43 | 1.56 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 9,574 | 5.9      | 0.33                     | 0.24                                      | 1.85 | 1.36 |
| Ever attended a postsecondary school                                  | F3A11=1           | 9,570 | 83.7     | 0.52                     | 0.38                                      | 1.94 | 1.39 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 7,367 | 55.6     | 0.72                     | 0.58                                      | 1.57 | 1.25 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 9,555 | 23.8     | 0.47                     | 0.44                                      | 1.15 | 1.07 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 9,571 | 97.8     | 0.17                     | 0.15                                      | 1.22 | 1.10 |
| Current employer offers health insurance                              | F3B24=1           | 7,887 | 71.2     | 0.61                     | 0.51                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 7,241 | 0.7      | 0.11                     | 0.10                                      | 1.23 | 1.11 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 7,241 | 14.0     | 0.49                     | 0.41                                      | 1.45 | 1.21 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 7,241 | 1.1      | 0.15                     | 0.12                                      | 1.53 | 1.24 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 7,241 | 7.0      | 0.33                     | 0.30                                      | 1.25 | 1.12 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 7,241 | 2.6      | 0.22                     | 0.19                                      | 1.31 | 1.14 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 7,241 | 8.7      | 0.36                     | 0.33                                      | 1.18 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 6,403 | 30.6     | 0.69                     | 0.58                                      | 1.43 | 1.20 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 9,464 | 45.5     | 0.67                     | 0.51                                      | 1.70 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 9,464 | 28.4     | 0.61                     | 0.46                                      | 1.76 | 1.33 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 8,484 | 26.0     | 1.03                     | 0.99                                      | 1.09 | 1.05 |
| Number of siblings living with respondent                             | F3D15B=continuous | 8,491 | 23.3     | 0.95                     | 0.68                                      | 1.95 | 1.40 |
| Respondent performed community service in past 2 years                | F3D40=1           | 8,543 | 38.2     | 0.64                     | 0.53                                      | 1.46 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,372 | 19.7     | 0.70                     | 0.68                                      | 1.05 | 1.03 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,372 | 38.0     | 1.04                     | 0.84                                      | 1.54 | 1.24 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 8,517 | 60.6     | 0.71                     | 0.53                                      | 1.82 | 1.35 |
| Respondent served in military                                         | F3B01=1           | 8,348 | 2.4      | 0.19                     | 0.17                                      | 1.30 | 1.14 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 8,469 | 1.1      | 0.00                     | 0.00                                      | 1.13 | 1.07 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 8,452 | 1.3      | 0.01                     | 0.01                                      | 1.29 | 1.13 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 8,694 | 66.7     | 0.60                     | 0.51                                      | 1.39 | 1.18 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 7,363 | 1.5      | 0.01                     | 0.01                                      | 1.41 | 1.19 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.50 | 1.22 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.05 | 1.03 |
| Median                                                                |                   |       |          |                          |                                           | 1.43 | 1.20 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.43 | 1.56 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.34 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-41. Student design effects, by item, using first follow-up to third follow-up panel weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,676 | 1.9      | 0.43                     | 0.33                                      | 1.67 | 1.29 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,676 | 97.9     | 0.46                     | 0.35                                      | 1.78 | 1.33 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,676 | 1.1      | 0.28                     | 0.25                                      | 1.25 | 1.12 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,676 | 98.1     | 0.40                     | 0.33                                      | 1.41 | 1.19 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,533 | 51.7     | 1.61                     | 1.28                                      | 1.60 | 1.26 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,674 | 25.1     | 1.16                     | 1.06                                      | 1.19 | 1.09 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,676 | 98.8     | 0.32                     | 0.27                                      | 1.37 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 1,445 | 77.1     | 1.17                     | 1.11                                      | 1.12 | 1.06 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,314 | 0.1      | 0.08                     | 0.09                                      | 0.83 | 0.91 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,314 | 17.1     | 1.42                     | 1.04                                      | 1.86 | 1.37 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,314 | 0.9      | 0.33                     | 0.26                                      | 1.63 | 1.27 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,314 | 9.5      | 0.94                     | 0.81                                      | 1.36 | 1.17 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,314 | 4.3      | 0.71                     | 0.56                                      | 1.60 | 1.26 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,314 | 9.0      | 0.83                     | 0.79                                      | 1.11 | 1.05 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,191 | 36.6     | 1.52                     | 1.40                                      | 1.19 | 1.09 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,660 | 58.1     | 1.51                     | 1.21                                      | 1.55 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,660 | 19.7     | 1.18                     | 0.98                                      | 1.45 | 1.20 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,524 | 35.9     | 3.81                     | 2.34                                      | 2.65 | 1.63 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,527 | 22.8     | 2.01                     | 1.50                                      | 1.80 | 1.34 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,540 | 47.3     | 1.35                     | 1.27                                      | 1.13 | 1.06 |
| Volunteered with school/community organizations                       | F3D41E=1          | 724   | 20.6     | 1.81                     | 1.50                                      | 1.45 | 1.20 |
| Volunteered with church-related group                                 | F3D41D=1          | 724   | 26.1     | 2.07                     | 1.63                                      | 1.61 | 1.27 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,536 | 73.5     | 1.32                     | 1.13                                      | 1.38 | 1.18 |
| Respondent served in military                                         | F3B01=1           | 1,519 | 1.0      | 0.28                     | 0.25                                      | 1.20 | 1.10 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,527 | 1.1      | 0.01                     | 0.01                                      | 1.39 | 1.18 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,527 | 1.2      | 0.01                     | 0.01                                      | 0.62 | 0.79 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,561 | 74.2     | 1.00                     | 1.11                                      | 0.81 | 0.90 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,526 | 1.4      | 0.02                     | 0.02                                      | 1.50 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.41 | 1.18 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.62 | 0.79 |
| Median                                                                |                   |       |          |                          |                                           | 1.40 | 1.18 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.65 | 1.63 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.39 | 0.16 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-42. Student design effects, by item, using first follow-up to third follow-up panel weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF  | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|-------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,194 | 7.0      | 2.83                     | 0.74                                      | 14.55 | 3.81 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,194 | 91.9     | 2.80                     | 0.79                                      | 12.57 | 3.55 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,194 | 4.3      | 2.74                     | 0.59                                      | 21.71 | 4.66 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,194 | 96.4     | 0.90                     | 0.54                                      | 2.82  | 1.68 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,092 | 51.5     | 2.62                     | 1.51                                      | 2.99  | 1.73 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,193 | 21.7     | 1.76                     | 1.19                                      | 2.18  | 1.48 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,194 | 98.2     | 0.52                     | 0.39                                      | 1.77  | 1.33 |
| Current employer offers health insurance                              | F3B24=1           | 1,022 | 71.0     | 2.04                     | 1.42                                      | 2.07  | 1.44 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 922   | 0.4      | 0.26                     | 0.20                                      | 1.70  | 1.30 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 922   | 14.4     | 1.45                     | 1.16                                      | 1.57  | 1.25 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 922   | 1.4      | 0.45                     | 0.38                                      | 1.37  | 1.17 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 922   | 6.7      | 1.03                     | 0.82                                      | 1.57  | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 922   | 2.6      | 0.51                     | 0.52                                      | 0.95  | 0.97 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 922   | 10.4     | 1.32                     | 1.01                                      | 1.73  | 1.31 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 850   | 33.2     | 2.28                     | 1.62                                      | 1.99  | 1.41 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,179 | 47.2     | 3.01                     | 1.45                                      | 4.28  | 2.07 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,179 | 34.5     | 3.62                     | 1.38                                      | 6.82  | 2.61 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,115 | 35.7     | 3.77                     | 2.73                                      | 1.92  | 1.38 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,115 | 18.8     | 3.48                     | 1.99                                      | 3.05  | 1.75 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,118 | 56.4     | 2.83                     | 1.48                                      | 3.64  | 1.91 |
| Volunteered with school/community organizations                       | F3D41E=1          | 602   | 18.8     | 1.94                     | 1.59                                      | 1.48  | 1.22 |
| Volunteered with church-related group                                 | F3D41D=1          | 602   | 42.3     | 4.87                     | 2.02                                      | 5.85  | 2.42 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,116 | 71.2     | 2.73                     | 1.36                                      | 4.05  | 2.01 |
| Respondent served in military                                         | F3B01=1           | 1,105 | 1.8      | 0.64                     | 0.40                                      | 2.64  | 1.62 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,112 | 1.1      | 0.01                     | 0.01                                      | 1.27  | 1.13 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,113 | 1.3      | 0.05                     | 0.02                                      | 8.97  | 2.99 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,142 | 65.9     | 2.23                     | 1.40                                      | 2.53  | 1.59 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,091 | 1.5      | 0.02                     | 0.02                                      | 1.58  | 1.26 |
| Summary statistics                                                    |                   |       |          |                          |                                           |       |      |
| Mean                                                                  |                   |       |          |                          |                                           | 4.27  | 1.87 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.95  | 0.97 |
| Median                                                                |                   |       |          |                          |                                           | 2.36  | 1.53 |
| Maximum                                                               |                   |       |          |                          |                                           | 21.71 | 4.66 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 4.79  | 0.90 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-43. Student design effects, by item, using first follow-up to third follow-up panel weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,645 | 29.1     | 1.13                     | 0.88                                      | 1.64 | 1.28 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,645 | 63.7     | 1.20                     | 0.94                                      | 1.64 | 1.28 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,645 | 12.0     | 0.80                     | 0.63                                      | 1.62 | 1.27 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,644 | 49.8     | 1.16                     | 0.97                                      | 1.43 | 1.20 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,242 | 48.9     | 1.68                     | 1.42                                      | 1.40 | 1.18 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,640 | 18.8     | 0.84                     | 0.76                                      | 1.22 | 1.10 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,645 | 96.8     | 0.41                     | 0.34                                      | 1.42 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 2,036 | 53.7     | 1.27                     | 1.11                                      | 1.32 | 1.15 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,746 | 2.2      | 0.40                     | 0.35                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,746 | 9.9      | 0.95                     | 0.71                                      | 1.78 | 1.33 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,746 | 0.5      | 0.17                     | 0.17                                      | 1.05 | 1.02 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,746 | 3.9      | 0.54                     | 0.46                                      | 1.34 | 1.16 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,746 | 3.6      | 0.46                     | 0.45                                      | 1.05 | 1.02 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,746 | 4.0      | 0.52                     | 0.47                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,485 | 21.7     | 1.25                     | 1.07                                      | 1.35 | 1.16 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,598 | 46.5     | 1.11                     | 0.98                                      | 1.28 | 1.13 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,598 | 23.4     | 0.98                     | 0.83                                      | 1.40 | 1.18 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 2,230 | 26.0     | 2.47                     | 2.35                                      | 1.11 | 1.05 |
| Number of siblings living with respondent                             | F3D15B=continuous | 2,234 | 29.1     | 1.87                     | 1.51                                      | 1.52 | 1.23 |
| Respondent performed community service in past 2 years                | F3D40=1           | 2,253 | 26.1     | 1.05                     | 0.93                                      | 1.29 | 1.14 |
| Volunteered with school/community organizations                       | F3D41E=1          | 619   | 15.4     | 1.54                     | 1.45                                      | 1.13 | 1.06 |
| Volunteered with church-related group                                 | F3D41D=1          | 619   | 43.7     | 2.42                     | 2.00                                      | 1.47 | 1.21 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 2,248 | 44.5     | 1.21                     | 1.05                                      | 1.34 | 1.16 |
| Respondent served in military                                         | F3B01=1           | 2,275 | 3.3      | 0.47                     | 0.38                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 2,226 | 1.1      | 0.01                     | 0.01                                      | 1.20 | 1.09 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 2,216 | 1.3      | 0.02                     | 0.01                                      | 1.36 | 1.17 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,315 | 48.8     | 1.19                     | 1.04                                      | 1.31 | 1.15 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,242 | 1.6      | 0.03                     | 0.02                                      | 1.54 | 1.24 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.37 | 1.17 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.05 | 1.02 |
| Median                                                                |                   |       |          |                          |                                           | 1.35 | 1.16 |
| Maximum                                                               |                   |       |          |                          |                                           | 1.78 | 1.33 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.18 | 0.08 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-44. Student design effects, by item, using first follow-up to third follow-up panel weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,127 | 9.6      | 0.53                     | 0.38                                      | 1.96 | 1.40 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,127 | 86.9     | 0.62                     | 0.43                                      | 2.05 | 1.43 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,127 | 5.0      | 0.40                     | 0.28                                      | 2.09 | 1.45 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,124 | 94.2     | 0.37                     | 0.30                                      | 1.51 | 1.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,277 | 49.6     | 0.85                     | 0.69                                      | 1.53 | 1.24 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,111 | 29.0     | 0.66                     | 0.58                                      | 1.30 | 1.14 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,124 | 97.4     | 0.24                     | 0.20                                      | 1.41 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 5,002 | 72.4     | 0.78                     | 0.63                                      | 1.53 | 1.24 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,668 | 0.4      | 0.10                     | 0.09                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,668 | 15.2     | 0.71                     | 0.53                                      | 1.81 | 1.35 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,668 | 1.3      | 0.21                     | 0.17                                      | 1.56 | 1.25 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,668 | 8.3      | 0.45                     | 0.40                                      | 1.25 | 1.12 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,668 | 3.3      | 0.33                     | 0.26                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,668 | 6.8      | 0.43                     | 0.37                                      | 1.36 | 1.16 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,117 | 31.6     | 0.80                     | 0.72                                      | 1.23 | 1.11 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,070 | 45.8     | 0.89                     | 0.64                                      | 1.94 | 1.39 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,070 | 29.0     | 0.77                     | 0.58                                      | 1.74 | 1.32 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,469 | 26.2     | 1.31                     | 1.05                                      | 1.55 | 1.25 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,472 | 24.4     | 1.13                     | 0.88                                      | 1.66 | 1.29 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,501 | 37.4     | 0.84                     | 0.65                                      | 1.64 | 1.28 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,158 | 19.0     | 1.03                     | 0.85                                      | 1.48 | 1.22 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,158 | 36.7     | 1.34                     | 1.04                                      | 1.67 | 1.29 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,484 | 62.3     | 0.93                     | 0.65                                      | 2.02 | 1.42 |
| Respondent served in military                                         | F3B01=1           | 5,305 | 2.6      | 0.25                     | 0.22                                      | 1.33 | 1.15 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,456 | 1.1      | 0.00                     | 0.00                                      | 1.32 | 1.15 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,451 | 1.4      | 0.01                     | 0.01                                      | 1.67 | 1.29 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,587 | 68.7     | 0.75                     | 0.62                                      | 1.48 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,265 | 1.5      | 0.01                     | 0.01                                      | 1.55 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.59 | 1.26 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.23 | 1.11 |
| Median                                                                |                   |       |          |                          |                                           | 1.55 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.09 | 1.45 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.25 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-45. Student design effects, by item, using first follow-up to third follow-up panel weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,672 | 1.5      | 0.31                     | 0.20                                      | 2.34 | 1.53 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,672 | 97.3     | 0.35                     | 0.27                                      | 1.77 | 1.33 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,672 | 0.9      | 0.23                     | 0.15                                      | 2.24 | 1.50 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,672 | 100.0    | 0.01                     | 0.02                                      | 0.38 | 0.62 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,473 | 67.9     | 1.04                     | 0.79                                      | 1.72 | 1.31 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,671 | 18.1     | 0.77                     | 0.64                                      | 1.45 | 1.20 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,672 | 99.7     | 0.07                     | 0.09                                      | 0.67 | 0.82 |
| Current employer offers health insurance                              | F3B24=1           | 3,316 | 84.6     | 0.76                     | 0.63                                      | 1.48 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 3,063 | 0.0      | 0.00                     | .                                         | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 3,063 | 15.7     | 0.81                     | 0.66                                      | 1.54 | 1.24 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 3,063 | 1.3      | 0.31                     | 0.20                                      | 2.40 | 1.55 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 3,063 | 7.3      | 0.56                     | 0.47                                      | 1.45 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 3,063 | 1.0      | 0.23                     | 0.18                                      | 1.69 | 1.30 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 3,063 | 16.2     | 0.81                     | 0.67                                      | 1.48 | 1.22 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,842 | 36.5     | 1.16                     | 0.90                                      | 1.64 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,635 | 46.4     | 1.04                     | 0.83                                      | 1.57 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,635 | 31.4     | 1.05                     | 0.77                                      | 1.85 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,424 | 28.7     | 1.68                     | 1.61                                      | 1.08 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,427 | 15.4     | 1.12                     | 0.82                                      | 1.83 | 1.35 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,447 | 54.2     | 0.98                     | 0.85                                      | 1.34 | 1.16 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,921 | 22.3     | 1.15                     | 0.95                                      | 1.47 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,921 | 36.2     | 1.44                     | 1.10                                      | 1.74 | 1.32 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,437 | 75.2     | 0.90                     | 0.74                                      | 1.48 | 1.22 |
| Respondent served in military                                         | F3B01=1           | 3,392 | 0.8      | 0.20                     | 0.15                                      | 1.74 | 1.32 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,426 | 1.1      | 0.01                     | 0.00                                      | 1.54 | 1.24 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,425 | 1.3      | 0.01                     | 0.01                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,495 | 79.9     | 0.85                     | 0.68                                      | 1.58 | 1.26 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,473 | 1.3      | 0.01                     | 0.01                                      | 1.72 | 1.31 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.58 | 1.24 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.38 | 0.62 |
| Median                                                                |                   |       |          |                          |                                           | 1.57 | 1.25 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.40 | 1.55 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.42 | 0.19 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-46. Student design effects, by item, using third follow-up transcript weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 11,881 | 12.7     | 0.52                     | 0.31                                      | 2.95 | 1.72 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 11,881 | 83.8     | 0.65                     | 0.34                                      | 3.74 | 1.93 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 11,881 | 5.5      | 0.36                     | 0.21                                      | 2.91 | 1.71 |
| Ever attended a postsecondary school                                  | F3A11=1           | 11,877 | 84.2     | 0.50                     | 0.33                                      | 2.22 | 1.49 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 9,474  | 54.8     | 0.72                     | 0.51                                      | 1.96 | 1.40 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 11,860 | 23.7     | 0.47                     | 0.39                                      | 1.46 | 1.21 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 11,878 | 97.8     | 0.17                     | 0.13                                      | 1.69 | 1.30 |
| Current employer offers health insurance                              | F3B24=1           | 9,861  | 71.8     | 0.58                     | 0.45                                      | 1.66 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 9,034  | 0.6      | 0.11                     | 0.08                                      | 1.90 | 1.38 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 9,034  | 14.3     | 0.49                     | 0.37                                      | 1.78 | 1.33 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 9,034  | 1.1      | 0.15                     | 0.11                                      | 1.90 | 1.38 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 9,034  | 7.1      | 0.33                     | 0.27                                      | 1.51 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 9,034  | 2.7      | 0.21                     | 0.17                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 9,034  | 8.9      | 0.36                     | 0.30                                      | 1.48 | 1.22 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 8,043  | 30.9     | 0.62                     | 0.52                                      | 1.45 | 1.20 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 11,746 | 46.0     | 0.68                     | 0.46                                      | 2.19 | 1.48 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 11,746 | 28.1     | 0.62                     | 0.41                                      | 2.20 | 1.48 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 10,590 | 26.1     | 0.95                     | 0.85                                      | 1.26 | 1.12 |
| Number of siblings living with respondent                             | F3D15B=continuous | 10,598 | 23.3     | 0.93                     | 0.62                                      | 2.29 | 1.51 |
| Respondent performed community service in past 2 years                | F3D40=1           | 10,666 | 39.1     | 0.63                     | 0.47                                      | 1.77 | 1.33 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,461  | 19.8     | 0.64                     | 0.60                                      | 1.16 | 1.08 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,461  | 37.4     | 0.99                     | 0.72                                      | 1.86 | 1.37 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 10,631 | 61.3     | 0.68                     | 0.47                                      | 2.08 | 1.44 |
| Respondent served in military                                         | F3B01=1           | 10,435 | 2.2      | 0.18                     | 0.14                                      | 1.57 | 1.25 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 10,568 | 1.1      | 0.00                     | 0.00                                      | 1.44 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 10,556 | 1.3      | 0.01                     | 0.01                                      | 1.64 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 10,852 | 66.8     | 0.60                     | 0.45                                      | 1.76 | 1.33 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 9,466  | 1.5      | 0.01                     | 0.01                                      | 1.66 | 1.29 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.89 | 1.36 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.16 | 1.08 |
| Median                                                                |                   |        |          |                          |                                           | 1.77 | 1.33 |
| Maximum                                                               |                   |        |          |                          |                                           | 3.74 | 1.93 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.56 | 0.19 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-47. Student design effects, by item, using third follow-up transcript weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,628 | 14.9     | 0.72                     | 0.47                                      | 2.33 | 1.53 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,628 | 81.2     | 0.85                     | 0.52                                      | 2.64 | 1.62 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,628 | 6.9      | 0.49                     | 0.34                                      | 2.08 | 1.44 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,626 | 80.2     | 0.74                     | 0.53                                      | 1.92 | 1.39 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,245 | 48.9     | 0.99                     | 0.77                                      | 1.67 | 1.29 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,615 | 24.8     | 0.67                     | 0.58                                      | 1.37 | 1.17 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,626 | 98.5     | 0.19                     | 0.16                                      | 1.42 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 4,586 | 73.5     | 0.76                     | 0.65                                      | 1.36 | 1.17 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,314 | 1.1      | 0.22                     | 0.16                                      | 1.85 | 1.36 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,314 | 16.3     | 0.70                     | 0.56                                      | 1.53 | 1.24 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,314 | 2.1      | 0.30                     | 0.22                                      | 1.88 | 1.37 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,314 | 7.4      | 0.50                     | 0.40                                      | 1.55 | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,314 | 3.2      | 0.34                     | 0.27                                      | 1.58 | 1.26 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,314 | 4.8      | 0.36                     | 0.33                                      | 1.23 | 1.11 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,774 | 30.4     | 0.97                     | 0.75                                      | 1.68 | 1.30 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,557 | 51.0     | 0.87                     | 0.67                                      | 1.70 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,557 | 25.2     | 0.80                     | 0.58                                      | 1.86 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 4,924 | 34.1     | 1.64                     | 1.51                                      | 1.18 | 1.09 |
| Number of siblings living with respondent                             | F3D15B=continuous | 4,927 | 26.3     | 1.26                     | 0.94                                      | 1.79 | 1.34 |
| Respondent performed community service in past 2 years                | F3D40=1           | 4,951 | 35.7     | 0.86                     | 0.68                                      | 1.61 | 1.27 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,902 | 20.7     | 1.09                     | 0.93                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,902 | 37.0     | 1.50                     | 1.11                                      | 1.83 | 1.35 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 4,939 | 57.2     | 0.94                     | 0.70                                      | 1.77 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 4,735 | 3.8      | 0.36                     | 0.28                                      | 1.61 | 1.27 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 4,914 | 1.1      | 0.01                     | 0.00                                      | 1.49 | 1.22 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 4,906 | 1.3      | 0.01                     | 0.01                                      | 1.33 | 1.15 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,047 | 72.7     | 0.77                     | 0.63                                      | 1.49 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,244 | 1.6      | 0.01                     | 0.01                                      | 1.90 | 1.38 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.68 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.18 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 1.64 | 1.28 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.64 | 1.62 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.32 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-48. Student design effects, by item, using third follow-up transcript weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,253 | 10.5     | 0.56                     | 0.39                                      | 2.07 | 1.44 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,253 | 86.4     | 0.71                     | 0.43                                      | 2.71 | 1.65 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,253 | 4.1      | 0.41                     | 0.25                                      | 2.60 | 1.61 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,251 | 88.2     | 0.59                     | 0.41                                      | 2.11 | 1.45 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,229 | 59.7     | 0.92                     | 0.68                                      | 1.86 | 1.36 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,245 | 22.6     | 0.67                     | 0.53                                      | 1.62 | 1.27 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,252 | 97.1     | 0.28                     | 0.21                                      | 1.75 | 1.32 |
| Current employer offers health insurance                              | F3B24=1           | 5,275 | 70.3     | 0.81                     | 0.63                                      | 1.68 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,720 | 0.2      | 0.08                     | 0.06                                      | 1.75 | 1.32 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,720 | 12.4     | 0.63                     | 0.48                                      | 1.72 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,720 | 0.2      | 0.08                     | 0.07                                      | 1.38 | 1.17 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,720 | 6.7      | 0.46                     | 0.37                                      | 1.59 | 1.26 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,720 | 2.3      | 0.26                     | 0.22                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,720 | 12.9     | 0.63                     | 0.49                                      | 1.68 | 1.30 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,269 | 31.4     | 0.81                     | 0.71                                      | 1.29 | 1.13 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,189 | 41.1     | 0.95                     | 0.63                                      | 2.32 | 1.52 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,189 | 30.9     | 0.85                     | 0.59                                      | 2.10 | 1.45 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,666 | 18.7     | 1.04                     | 0.86                                      | 1.47 | 1.21 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,671 | 20.5     | 1.14                     | 0.81                                      | 1.99 | 1.41 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,715 | 42.3     | 0.80                     | 0.65                                      | 1.51 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,559 | 19.1     | 0.91                     | 0.78                                      | 1.38 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,559 | 37.6     | 1.20                     | 0.96                                      | 1.57 | 1.25 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,692 | 65.1     | 0.86                     | 0.63                                      | 1.87 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 5,700 | 0.8      | 0.13                     | 0.11                                      | 1.24 | 1.11 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,654 | 1.1      | 0.01                     | 0.00                                      | 1.67 | 1.29 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,650 | 1.3      | 0.01                     | 0.01                                      | 1.64 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,805 | 61.4     | 0.83                     | 0.64                                      | 1.70 | 1.31 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,222 | 1.4      | 0.01                     | 0.01                                      | 1.42 | 1.19 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.75 | 1.32 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.24 | 1.11 |
| Median                                                                |                   |       |          |                          |                                           | 1.68 | 1.29 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.71 | 1.65 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.37 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-49. Student design effects, by item, using third follow-up transcript weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N  | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 98 | 27.7     | 5.20                     | 4.55                                      | 1.31 | 1.14 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 98 | 66.2     | 5.61                     | 4.80                                      | 1.37 | 1.17 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 98 | 15.4     | 5.05                     | 3.66                                      | 1.90 | 1.38 |
| Ever attended a postsecondary school                                  | F3A11=1           | 98 | 68.5     | 5.90                     | 4.72                                      | 1.57 | 1.25 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 58 | 66.3     | 6.72                     | 6.26                                      | 1.15 | 1.07 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 96 | 21.7     | 4.93                     | 4.23                                      | 1.36 | 1.16 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 98 | 98.3     | 1.25                     | 1.33                                      | 0.88 | 0.94 |
| Current employer offers health insurance                              | F3B24=1           | 78 | 51.8     | 6.29                     | 5.69                                      | 1.22 | 1.10 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 69 | 3.6      | 2.61                     | 2.26                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 69 | 5.1      | 2.38                     | 2.67                                      | 0.79 | 0.89 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 69 | 1.7      | 1.17                     | 1.58                                      | 0.55 | 0.74 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 69 | 8.0      | 4.52                     | 3.30                                      | 1.87 | 1.37 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 69 | 1.7      | 1.35                     | 1.57                                      | 0.74 | 0.86 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 69 | 4.8      | 2.86                     | 2.59                                      | 1.23 | 1.11 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 61 | 16.2     | 4.35                     | 4.76                                      | 0.83 | 0.91 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 94 | 31.4     | 6.27                     | 4.81                                      | 1.70 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 94 | 29.7     | 6.56                     | 4.74                                      | 1.92 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 86 | 27.1     | 11.26                    | 11.54                                     | 0.95 | 0.98 |
| Number of siblings living with respondent                             | F3D15B=continuous | 86 | 35.0     | 8.80                     | 8.55                                      | 1.06 | 1.03 |
| Respondent performed community service in past 2 years                | F3D40=1           | 85 | 20.4     | 4.62                     | 4.40                                      | 1.11 | 1.05 |
| Volunteered with school/community organizations                       | F3D41E=1          | 21 | 22.6     | 11.83                    | 9.36                                      | 1.60 | 1.26 |
| Volunteered with church-related group                                 | F3D41D=1          | 21 | 34.5     | 11.84                    | 10.63                                     | 1.24 | 1.11 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 84 | 48.5     | 7.39                     | 5.49                                      | 1.82 | 1.35 |
| Respondent served in military                                         | F3B01=1           | 84 | 5.8      | 4.56                     | 2.56                                      | 3.19 | 1.79 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 85 | 1.1      | 0.03                     | 0.03                                      | 1.37 | 1.17 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 85 | 1.3      | 0.06                     | 0.06                                      | 0.94 | 0.97 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 87 | 52.0     | 7.32                     | 5.39                                      | 1.85 | 1.36 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 58 | 1.4      | 0.12                     | 0.09                                      | 1.75 | 1.32 |
| Summary statistics                                                    |                   |    |          |                          |                                           |      |      |
| Mean                                                                  |                   |    |          |                          |                                           | 1.38 | 1.15 |
| Minimum                                                               |                   |    |          |                          |                                           | 0.55 | 0.74 |
| Median                                                                |                   |    |          |                          |                                           | 1.32 | 1.15 |
| Maximum                                                               |                   |    |          |                          |                                           | 3.19 | 1.79 |
| Standard Deviation                                                    |                   |    |          |                          |                                           | 0.53 | 0.21 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-50. Student design effects, by item, using third follow-up transcript weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,176 | 8.8      | 1.24                     | 0.83                                      | 2.27 | 1.51 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,176 | 89.4     | 1.31                     | 0.90                                      | 2.14 | 1.46 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,176 | 3.6      | 0.74                     | 0.55                                      | 1.86 | 1.36 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,176 | 92.0     | 1.12                     | 0.79                                      | 2.00 | 1.41 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 993   | 57.3     | 2.22                     | 1.57                                      | 1.99 | 1.41 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,173 | 24.2     | 1.57                     | 1.25                                      | 1.57 | 1.25 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,175 | 94.5     | 0.77                     | 0.66                                      | 1.34 | 1.16 |
| Current employer offers health insurance                              | F3B24=1           | 914   | 69.3     | 1.80                     | 1.53                                      | 1.40 | 1.18 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 877   | 0.2      | 0.16                     | 0.16                                      | 1.02 | 1.01 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 877   | 14.6     | 1.38                     | 1.19                                      | 1.33 | 1.16 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 877   | 1.2      | 0.51                     | 0.36                                      | 1.99 | 1.41 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 877   | 11.2     | 1.31                     | 1.06                                      | 1.51 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 877   | 2.6      | 0.77                     | 0.54                                      | 2.06 | 1.44 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 877   | 5.6      | 0.85                     | 0.78                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 767   | 31.4     | 1.85                     | 1.68                                      | 1.22 | 1.10 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,156 | 62.6     | 2.24                     | 1.42                                      | 2.48 | 1.58 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,156 | 18.7     | 1.53                     | 1.15                                      | 1.78 | 1.33 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,018 | 32.1     | 3.90                     | 3.16                                      | 1.53 | 1.24 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,018 | 51.7     | 4.29                     | 3.17                                      | 1.83 | 1.35 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,034 | 43.2     | 2.12                     | 1.54                                      | 1.89 | 1.38 |
| Volunteered with school/community organizations                       | F3D41E=1          | 464   | 24.8     | 2.35                     | 2.01                                      | 1.37 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 464   | 37.2     | 3.26                     | 2.25                                      | 2.11 | 1.45 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,028 | 47.9     | 2.25                     | 1.56                                      | 2.09 | 1.45 |
| Respondent served in military                                         | F3B01=1           | 1,028 | 0.5      | 0.24                     | 0.22                                      | 1.24 | 1.12 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,022 | 1.1      | 0.01                     | 0.01                                      | 1.36 | 1.17 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,018 | 1.4      | 0.02                     | 0.02                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,066 | 59.3     | 1.62                     | 1.51                                      | 1.15 | 1.07 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 993   | 1.4      | 0.03                     | 0.02                                      | 1.67 | 1.29 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.68 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.02 | 1.01 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.48 | 1.58 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.39 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-51. Student design effects, by item, using third follow-up transcript weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,427 | 20.1     | 1.67                     | 1.06                                      | 2.48 | 1.58 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,427 | 75.3     | 2.07                     | 1.14                                      | 3.30 | 1.82 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,427 | 6.9      | 1.10                     | 0.67                                      | 2.70 | 1.64 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,426 | 82.1     | 1.33                     | 1.02                                      | 1.71 | 1.31 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,053 | 62.3     | 1.74                     | 1.49                                      | 1.36 | 1.17 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,419 | 25.6     | 1.20                     | 1.16                                      | 1.07 | 1.04 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,426 | 97.0     | 0.62                     | 0.45                                      | 1.86 | 1.37 |
| Current employer offers health insurance                              | F3B24=1           | 1,113 | 70.2     | 1.71                     | 1.37                                      | 1.55 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,135 | 0.4      | 0.23                     | 0.19                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,135 | 13.7     | 1.21                     | 1.02                                      | 1.41 | 1.19 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,135 | 0.6      | 0.24                     | 0.23                                      | 1.06 | 1.03 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,135 | 7.1      | 0.91                     | 0.76                                      | 1.44 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,135 | 2.2      | 0.50                     | 0.44                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,135 | 7.3      | 0.95                     | 0.77                                      | 1.51 | 1.23 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 971   | 30.9     | 1.72                     | 1.48                                      | 1.34 | 1.16 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,404 | 60.6     | 1.66                     | 1.30                                      | 1.61 | 1.27 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,404 | 14.0     | 1.18                     | 0.93                                      | 1.62 | 1.27 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,203 | 21.4     | 3.00                     | 2.19                                      | 1.87 | 1.37 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,203 | 27.0     | 2.39                     | 1.89                                      | 1.59 | 1.26 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,217 | 39.5     | 1.64                     | 1.40                                      | 1.36 | 1.17 |
| Volunteered with school/community organizations                       | F3D41E=1          | 522   | 24.2     | 2.22                     | 1.88                                      | 1.40 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 522   | 45.9     | 2.76                     | 2.18                                      | 1.60 | 1.27 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,209 | 72.9     | 1.53                     | 1.28                                      | 1.43 | 1.20 |
| Respondent served in military                                         | F3B01=1           | 1,187 | 2.9      | 0.49                     | 0.49                                      | 1.01 | 1.01 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,199 | 1.1      | 0.01                     | 0.01                                      | 1.48 | 1.22 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,200 | 1.3      | 0.02                     | 0.02                                      | 1.81 | 1.35 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,242 | 60.4     | 1.78                     | 1.39                                      | 1.65 | 1.28 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,050 | 1.3      | 0.02                     | 0.02                                      | 1.47 | 1.21 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.63 | 1.26 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.01 | 1.01 |
| Median                                                                |                   |       |          |                          |                                           | 1.50 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.30 | 1.82 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.49 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-52. Student design effects, by item, using third follow-up transcript weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,662 | 20.3     | 1.46                     | 0.99                                      | 2.19 | 1.48 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,662 | 73.2     | 1.60                     | 1.09                                      | 2.16 | 1.47 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,662 | 7.0      | 1.08                     | 0.63                                      | 2.95 | 1.72 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,661 | 78.7     | 1.33                     | 1.01                                      | 1.74 | 1.32 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,193 | 46.4     | 1.84                     | 1.44                                      | 1.61 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,658 | 24.0     | 1.32                     | 1.05                                      | 1.57 | 1.25 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,662 | 96.4     | 0.52                     | 0.46                                      | 1.31 | 1.14 |
| Current employer offers health insurance                              | F3B24=1           | 1,296 | 64.8     | 1.67                     | 1.33                                      | 1.58 | 1.26 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,257 | 1.1      | 0.36                     | 0.30                                      | 1.45 | 1.21 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,257 | 12.5     | 1.19                     | 0.93                                      | 1.63 | 1.28 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,257 | 1.0      | 0.32                     | 0.28                                      | 1.26 | 1.12 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,257 | 6.7      | 0.81                     | 0.71                                      | 1.31 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,257 | 2.1      | 0.45                     | 0.40                                      | 1.23 | 1.11 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,257 | 7.8      | 0.90                     | 0.76                                      | 1.44 | 1.20 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,089 | 27.8     | 1.70                     | 1.36                                      | 1.57 | 1.25 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,642 | 44.1     | 1.67                     | 1.23                                      | 1.87 | 1.37 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,642 | 28.6     | 1.51                     | 1.12                                      | 1.84 | 1.35 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,432 | 22.7     | 2.29                     | 2.20                                      | 1.08 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,435 | 41.7     | 3.13                     | 2.25                                      | 1.93 | 1.39 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,442 | 30.1     | 1.47                     | 1.21                                      | 1.47 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 470   | 17.8     | 1.91                     | 1.77                                      | 1.17 | 1.08 |
| Volunteered with church-related group                                 | F3D41D=1          | 470   | 40.1     | 2.56                     | 2.26                                      | 1.28 | 1.13 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,435 | 46.5     | 1.61                     | 1.32                                      | 1.49 | 1.22 |
| Respondent served in military                                         | F3B01=1           | 1,413 | 1.8      | 0.42                     | 0.35                                      | 1.43 | 1.20 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,425 | 1.1      | 0.01                     | 0.01                                      | 1.27 | 1.13 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,419 | 1.4      | 0.02                     | 0.02                                      | 1.44 | 1.20 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,476 | 62.5     | 1.45                     | 1.26                                      | 1.32 | 1.15 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,191 | 1.4      | 0.02                     | 0.02                                      | 1.77 | 1.33 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.58 | 1.25 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.48 | 1.22 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.95 | 1.72 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.39 | 0.14 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-53. Student design effects, by item, using third follow-up transcript weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 560 | 17.6     | 2.34                     | 1.61                                      | 2.10 | 1.45 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 560 | 76.0     | 2.53                     | 1.81                                      | 1.96 | 1.40 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 560 | 9.7      | 1.76                     | 1.25                                      | 1.98 | 1.41 |
| Ever attended a postsecondary school                                  | F3A11=1           | 559 | 78.5     | 1.99                     | 1.74                                      | 1.30 | 1.14 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 422 | 52.8     | 3.34                     | 2.43                                      | 1.88 | 1.37 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 559 | 23.3     | 2.32                     | 1.79                                      | 1.68 | 1.30 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 560 | 96.4     | 1.07                     | 0.78                                      | 1.87 | 1.37 |
| Current employer offers health insurance                              | F3B24=1           | 461 | 66.6     | 3.05                     | 2.20                                      | 1.92 | 1.39 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 417 | 0.4      | 0.39                     | 0.31                                      | 1.63 | 1.28 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 417 | 17.3     | 2.62                     | 1.85                                      | 2.00 | 1.41 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 417 | 2.4      | 0.88                     | 0.74                                      | 1.41 | 1.19 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 417 | 7.7      | 1.52                     | 1.31                                      | 1.34 | 1.16 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 417 | 1.1      | 0.52                     | 0.51                                      | 1.04 | 1.02 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 417 | 6.1      | 1.28                     | 1.17                                      | 1.18 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 372 | 32.2     | 3.16                     | 2.43                                      | 1.69 | 1.30 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 553 | 48.5     | 2.70                     | 2.13                                      | 1.61 | 1.27 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 553 | 24.4     | 2.43                     | 1.83                                      | 1.77 | 1.33 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 500 | 29.7     | 5.18                     | 3.56                                      | 2.12 | 1.46 |
| Number of siblings living with respondent                             | F3D15B=continuous | 499 | 23.0     | 3.22                     | 2.51                                      | 1.64 | 1.28 |
| Respondent performed community service in past 2 years                | F3D40=1           | 501 | 36.1     | 2.74                     | 2.15                                      | 1.63 | 1.27 |
| Volunteered with school/community organizations                       | F3D41E=1          | 205 | 22.6     | 3.85                     | 2.93                                      | 1.73 | 1.31 |
| Volunteered with church-related group                                 | F3D41D=1          | 205 | 35.5     | 4.39                     | 3.35                                      | 1.71 | 1.31 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 500 | 55.7     | 3.05                     | 2.22                                      | 1.88 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 480 | 3.2      | 0.92                     | 0.81                                      | 1.30 | 1.14 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 499 | 1.1      | 0.02                     | 0.02                                      | 1.37 | 1.17 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 496 | 1.4      | 0.04                     | 0.03                                      | 1.88 | 1.37 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 510 | 59.4     | 2.85                     | 2.18                                      | 1.72 | 1.31 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 421 | 1.5      | 0.05                     | 0.03                                      | 1.97 | 1.40 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.69 | 1.30 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.04 | 1.02 |
| Median                                                                |                   |     |          |                          |                                           | 1.72 | 1.31 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.12 | 1.46 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.28 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-54. Student design effects, by item, using third follow-up transcript weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,958 | 8.5      | 0.50                     | 0.33                                      | 2.22 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,958 | 89.2     | 0.56                     | 0.37                                      | 2.30 | 1.52 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,958 | 4.4      | 0.33                     | 0.25                                      | 1.79 | 1.34 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,957 | 86.4     | 0.58                     | 0.41                                      | 1.96 | 1.40 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,755 | 54.9     | 0.88                     | 0.66                                      | 1.80 | 1.34 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,955 | 23.1     | 0.64                     | 0.51                                      | 1.59 | 1.26 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,957 | 98.7     | 0.16                     | 0.14                                      | 1.35 | 1.16 |
| Current employer offers health insurance                              | F3B24=1           | 5,999 | 74.7     | 0.72                     | 0.56                                      | 1.64 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,279 | 0.5      | 0.14                     | 0.10                                      | 2.01 | 1.42 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,279 | 14.9     | 0.63                     | 0.49                                      | 1.68 | 1.29 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,279 | 1.2      | 0.21                     | 0.15                                      | 1.93 | 1.39 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,279 | 6.8      | 0.41                     | 0.35                                      | 1.41 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,279 | 3.2      | 0.29                     | 0.24                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,279 | 10.0     | 0.45                     | 0.41                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,783 | 31.8     | 0.83                     | 0.67                                      | 1.53 | 1.24 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,897 | 41.9     | 0.82                     | 0.59                                      | 1.90 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,897 | 32.2     | 0.78                     | 0.56                                      | 1.93 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,351 | 27.3     | 1.32                     | 1.13                                      | 1.38 | 1.17 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,357 | 15.8     | 0.93                     | 0.63                                      | 2.16 | 1.47 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,387 | 41.5     | 0.76                     | 0.62                                      | 1.52 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,779 | 18.7     | 0.80                     | 0.74                                      | 1.18 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,779 | 35.2     | 1.16                     | 0.91                                      | 1.65 | 1.28 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,375 | 63.9     | 0.78                     | 0.60                                      | 1.67 | 1.29 |
| Respondent served in military                                         | F3B01=1           | 6,243 | 2.1      | 0.23                     | 0.18                                      | 1.62 | 1.27 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,338 | 1.1      | 0.00                     | 0.00                                      | 1.48 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,338 | 1.3      | 0.01                     | 0.01                                      | 1.79 | 1.34 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,471 | 70.7     | 0.69                     | 0.57                                      | 1.47 | 1.21 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,753 | 1.5      | 0.01                     | 0.01                                      | 1.64 | 1.28 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.69 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.18 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 1.64 | 1.28 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.30 | 1.52 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.29 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-55. Student design effects, by item, using third follow-up transcript weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 9,146 | 13.4     | 0.56                     | 0.36                                      | 2.49 | 1.58 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 9,146 | 82.8     | 0.70                     | 0.39                                      | 3.15 | 1.78 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 9,146 | 5.8      | 0.38                     | 0.24                                      | 2.47 | 1.57 |
| Ever attended a postsecondary school                                  | F3A11=1           | 9,142 | 83.2     | 0.53                     | 0.39                                      | 1.86 | 1.36 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,988 | 55.2     | 0.77                     | 0.59                                      | 1.69 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 9,128 | 23.6     | 0.50                     | 0.44                                      | 1.28 | 1.13 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 9,143 | 97.8     | 0.19                     | 0.15                                      | 1.46 | 1.21 |
| Current employer offers health insurance                              | F3B24=1           | 7,516 | 71.7     | 0.63                     | 0.52                                      | 1.45 | 1.21 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 6,902 | 0.7      | 0.12                     | 0.10                                      | 1.60 | 1.27 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 6,902 | 14.1     | 0.52                     | 0.42                                      | 1.56 | 1.25 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 6,902 | 1.1      | 0.16                     | 0.13                                      | 1.68 | 1.29 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 6,902 | 7.0      | 0.35                     | 0.31                                      | 1.32 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 6,902 | 2.6      | 0.22                     | 0.19                                      | 1.32 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 6,902 | 8.8      | 0.39                     | 0.34                                      | 1.30 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 6,101 | 30.5     | 0.66                     | 0.59                                      | 1.27 | 1.13 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 9,042 | 45.3     | 0.72                     | 0.52                                      | 1.92 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 9,042 | 28.4     | 0.66                     | 0.47                                      | 1.91 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 8,089 | 25.4     | 1.01                     | 0.98                                      | 1.07 | 1.03 |
| Number of siblings living with respondent                             | F3D15B=continuous | 8,094 | 23.3     | 1.00                     | 0.70                                      | 2.00 | 1.42 |
| Respondent performed community service in past 2 years                | F3D40=1           | 8,145 | 38.2     | 0.67                     | 0.54                                      | 1.53 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,226 | 19.7     | 0.70                     | 0.70                                      | 0.99 | 1.00 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,226 | 37.6     | 1.06                     | 0.85                                      | 1.56 | 1.25 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 8,116 | 60.3     | 0.73                     | 0.54                                      | 1.79 | 1.34 |
| Respondent served in military                                         | F3B01=1           | 7,950 | 2.3      | 0.19                     | 0.17                                      | 1.34 | 1.16 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 8,065 | 1.1      | 0.00                     | 0.00                                      | 1.24 | 1.11 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 8,052 | 1.4      | 0.01                     | 0.01                                      | 1.42 | 1.19 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 8,288 | 66.6     | 0.64                     | 0.52                                      | 1.54 | 1.24 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,985 | 1.5      | 0.01                     | 0.01                                      | 1.44 | 1.20 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.63 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.99 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.54 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.15 | 1.78 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.46 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-56. Student design effects, by item, using third follow-up transcript weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,633 | 2.1      | 0.42                     | 0.36                                      | 1.43 | 1.19 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,633 | 97.9     | 0.47                     | 0.35                                      | 1.75 | 1.32 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,633 | 1.2      | 0.34                     | 0.27                                      | 1.54 | 1.24 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,633 | 98.1     | 0.39                     | 0.34                                      | 1.31 | 1.14 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,485 | 51.2     | 1.81                     | 1.30                                      | 1.94 | 1.39 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,631 | 25.3     | 1.19                     | 1.08                                      | 1.21 | 1.10 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,633 | 98.5     | 0.42                     | 0.30                                      | 2.01 | 1.42 |
| Current employer offers health insurance                              | F3B24=1           | 1,410 | 77.4     | 1.15                     | 1.11                                      | 1.07 | 1.03 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,288 | 0.1      | 0.09                     | 0.09                                      | 0.93 | 0.97 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,288 | 17.3     | 1.79                     | 1.06                                      | 2.88 | 1.70 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,288 | 0.9      | 0.31                     | 0.27                                      | 1.36 | 1.17 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,288 | 9.6      | 1.05                     | 0.82                                      | 1.65 | 1.28 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,288 | 4.0      | 0.71                     | 0.55                                      | 1.65 | 1.28 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,288 | 9.5      | 1.01                     | 0.82                                      | 1.53 | 1.24 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,165 | 37.0     | 1.50                     | 1.42                                      | 1.12 | 1.06 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,617 | 57.8     | 1.45                     | 1.23                                      | 1.38 | 1.18 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,617 | 19.5     | 1.22                     | 0.99                                      | 1.54 | 1.24 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,478 | 34.0     | 3.36                     | 2.13                                      | 2.49 | 1.58 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,481 | 23.6     | 2.10                     | 1.55                                      | 1.83 | 1.35 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,495 | 46.5     | 1.32                     | 1.29                                      | 1.05 | 1.02 |
| Volunteered with school/community organizations                       | F3D41E=1          | 694   | 22.0     | 1.98                     | 1.57                                      | 1.58 | 1.26 |
| Volunteered with church-related group                                 | F3D41D=1          | 694   | 26.7     | 2.02                     | 1.68                                      | 1.45 | 1.20 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,491 | 73.0     | 1.44                     | 1.15                                      | 1.58 | 1.26 |
| Respondent served in military                                         | F3B01=1           | 1,473 | 1.0      | 0.29                     | 0.25                                      | 1.34 | 1.16 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,482 | 1.1      | 0.01                     | 0.01                                      | 1.46 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,482 | 1.2      | 0.01                     | 0.01                                      | 0.67 | 0.82 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,515 | 74.6     | 1.02                     | 1.12                                      | 0.83 | 0.91 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,479 | 1.4      | 0.02                     | 0.02                                      | 1.33 | 1.15 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.50 | 1.21 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.67 | 0.82 |
| Median                                                                |                   |       |          |                          |                                           | 1.45 | 1.21 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.88 | 1.70 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.46 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-57. Student design effects, by item, using third follow-up transcript weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,102 | 5.4      | 1.33                     | 0.68                                      | 3.80 | 1.95 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,102 | 92.9     | 1.82                     | 0.78                                      | 5.50 | 2.34 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,102 | 3.1      | 1.00                     | 0.52                                      | 3.73 | 1.93 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,102 | 94.8     | 1.50                     | 0.67                                      | 4.99 | 2.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,001 | 50.5     | 2.42                     | 1.58                                      | 2.34 | 1.53 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,101 | 23.1     | 1.86                     | 1.27                                      | 2.13 | 1.46 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,102 | 97.8     | 0.62                     | 0.44                                      | 2.00 | 1.41 |
| Current employer offers health insurance                              | F3B24=1           | 935   | 68.9     | 1.96                     | 1.51                                      | 1.67 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 844   | 0.4      | 0.30                     | 0.21                                      | 2.18 | 1.48 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 844   | 15.6     | 1.41                     | 1.25                                      | 1.27 | 1.13 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 844   | 1.6      | 0.57                     | 0.43                                      | 1.77 | 1.33 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 844   | 7.1      | 1.54                     | 0.89                                      | 3.04 | 1.74 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 844   | 3.1      | 0.69                     | 0.59                                      | 1.34 | 1.16 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 844   | 10.9     | 1.48                     | 1.07                                      | 1.91 | 1.38 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 777   | 33.3     | 2.23                     | 1.69                                      | 1.74 | 1.32 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,087 | 50.4     | 2.84                     | 1.52                                      | 3.51 | 1.87 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,087 | 31.9     | 2.93                     | 1.41                                      | 4.30 | 2.07 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,023 | 35.6     | 3.72                     | 2.53                                      | 2.16 | 1.47 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,023 | 22.0     | 3.91                     | 2.22                                      | 3.10 | 1.76 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,026 | 53.9     | 2.70                     | 1.56                                      | 3.01 | 1.74 |
| Volunteered with school/community organizations                       | F3D41E=1          | 541   | 19.7     | 1.87                     | 1.71                                      | 1.19 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 541   | 44.5     | 4.36                     | 2.14                                      | 4.16 | 2.04 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,024 | 73.0     | 2.54                     | 1.39                                      | 3.35 | 1.83 |
| Respondent served in military                                         | F3B01=1           | 1,012 | 1.7      | 0.62                     | 0.41                                      | 2.23 | 1.49 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,021 | 1.1      | 0.01                     | 0.01                                      | 1.93 | 1.39 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,022 | 1.2      | 0.02                     | 0.02                                      | 2.33 | 1.53 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,049 | 62.6     | 2.26                     | 1.49                                      | 2.28 | 1.51 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,002 | 1.5      | 0.03                     | 0.02                                      | 1.56 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 2.66 | 1.60 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.19 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 2.26 | 1.50 |
| Maximum                                                               |                   |       |          |                          |                                           | 5.50 | 2.34 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 1.14 | 0.34 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-58. Student design effects, by item, using third follow-up transcript weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,543 | 29.2     | 1.25                     | 0.90                                      | 1.93 | 1.39 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,543 | 63.7     | 1.30                     | 0.95                                      | 1.87 | 1.37 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,543 | 11.2     | 0.82                     | 0.63                                      | 1.69 | 1.30 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,542 | 49.7     | 1.21                     | 0.99                                      | 1.48 | 1.22 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,185 | 48.8     | 1.84                     | 1.45                                      | 1.60 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,538 | 19.0     | 0.86                     | 0.78                                      | 1.23 | 1.11 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,543 | 96.9     | 0.40                     | 0.34                                      | 1.39 | 1.18 |
| Current employer offers health insurance                              | F3B24=1           | 1,956 | 53.8     | 1.35                     | 1.13                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,678 | 2.1      | 0.46                     | 0.35                                      | 1.75 | 1.32 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,678 | 10.0     | 1.04                     | 0.73                                      | 2.01 | 1.42 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,678 | 0.5      | 0.16                     | 0.17                                      | 0.94 | 0.97 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,678 | 4.0      | 0.57                     | 0.48                                      | 1.44 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,678 | 3.7      | 0.54                     | 0.46                                      | 1.34 | 1.16 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,678 | 4.2      | 0.56                     | 0.49                                      | 1.31 | 1.15 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,428 | 21.3     | 1.22                     | 1.08                                      | 1.28 | 1.13 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,497 | 46.4     | 1.21                     | 1.00                                      | 1.46 | 1.21 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,497 | 23.5     | 1.02                     | 0.85                                      | 1.44 | 1.20 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 2,145 | 23.8     | 2.23                     | 2.17                                      | 1.06 | 1.03 |
| Number of siblings living with respondent                             | F3D15B=continuous | 2,147 | 29.9     | 1.80                     | 1.54                                      | 1.37 | 1.17 |
| Respondent performed community service in past 2 years                | F3D40=1           | 2,165 | 26.1     | 1.09                     | 0.94                                      | 1.32 | 1.15 |
| Volunteered with school/community organizations                       | F3D41E=1          | 582   | 14.5     | 1.59                     | 1.46                                      | 1.18 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 582   | 41.7     | 2.49                     | 2.05                                      | 1.49 | 1.22 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 2,158 | 45.0     | 1.29                     | 1.07                                      | 1.44 | 1.20 |
| Respondent served in military                                         | F3B01=1           | 2,185 | 3.2      | 0.46                     | 0.38                                      | 1.51 | 1.23 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 2,141 | 1.1      | 0.01                     | 0.01                                      | 1.20 | 1.09 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 2,131 | 1.4      | 0.02                     | 0.01                                      | 1.45 | 1.21 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,227 | 48.8     | 1.31                     | 1.06                                      | 1.52 | 1.23 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,187 | 1.6      | 0.03                     | 0.02                                      | 1.50 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.45 | 1.20 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.94 | 0.97 |
| Median                                                                |                   |       |          |                          |                                           | 1.44 | 1.20 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.01 | 1.42 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.24 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-59. Student design effects, by item, using third follow-up transcript weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,841 | 9.9      | 0.55                     | 0.39                                      | 1.98 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,841 | 87.0     | 0.69                     | 0.44                                      | 2.48 | 1.57 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,841 | 5.0      | 0.40                     | 0.29                                      | 1.95 | 1.40 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,838 | 93.6     | 0.39                     | 0.32                                      | 1.52 | 1.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,982 | 48.8     | 0.90                     | 0.71                                      | 1.62 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,825 | 29.0     | 0.71                     | 0.59                                      | 1.42 | 1.19 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,838 | 97.3     | 0.28                     | 0.21                                      | 1.73 | 1.31 |
| Current employer offers health insurance                              | F3B24=1           | 4,740 | 73.1     | 0.78                     | 0.64                                      | 1.48 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,439 | 0.3      | 0.09                     | 0.09                                      | 1.13 | 1.06 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,439 | 15.3     | 0.74                     | 0.54                                      | 1.88 | 1.37 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,439 | 1.4      | 0.22                     | 0.17                                      | 1.64 | 1.28 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,439 | 8.3      | 0.49                     | 0.41                                      | 1.38 | 1.18 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,439 | 3.3      | 0.32                     | 0.27                                      | 1.39 | 1.18 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,439 | 6.8      | 0.46                     | 0.38                                      | 1.50 | 1.23 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,905 | 31.5     | 0.78                     | 0.74                                      | 1.10 | 1.05 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,785 | 45.5     | 0.93                     | 0.65                                      | 2.01 | 1.42 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,785 | 28.6     | 0.78                     | 0.59                                      | 1.74 | 1.32 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,186 | 26.1     | 1.40                     | 1.07                                      | 1.72 | 1.31 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,189 | 24.5     | 1.25                     | 0.92                                      | 1.84 | 1.36 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,219 | 37.1     | 0.87                     | 0.67                                      | 1.69 | 1.30 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,036 | 19.8     | 1.05                     | 0.88                                      | 1.41 | 1.19 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,036 | 37.3     | 1.38                     | 1.07                                      | 1.66 | 1.29 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,201 | 62.0     | 0.96                     | 0.67                                      | 2.02 | 1.42 |
| Respondent served in military                                         | F3B01=1           | 5,021 | 2.5      | 0.26                     | 0.22                                      | 1.34 | 1.16 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,167 | 1.1      | 0.01                     | 0.00                                      | 1.40 | 1.18 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,165 | 1.4      | 0.01                     | 0.01                                      | 1.59 | 1.26 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,299 | 68.7     | 0.76                     | 0.64                                      | 1.42 | 1.19 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,971 | 1.5      | 0.01                     | 0.01                                      | 1.61 | 1.27 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.63 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.10 | 1.05 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.48 | 1.57 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.30 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-60. Student design effects, by item, using third follow-up transcript weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,497 | 1.7      | 0.40                     | 0.22                                      | 3.46 | 1.86 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,497 | 97.6     | 0.43                     | 0.26                                      | 2.69 | 1.64 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,497 | 0.8      | 0.31                     | 0.15                                      | 4.44 | 2.11 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,497 | 100.0    | 0.01                     | 0.02                                      | 0.36 | 0.60 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,307 | 67.8     | 1.08                     | 0.81                                      | 1.75 | 1.32 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,497 | 17.8     | 0.80                     | 0.65                                      | 1.54 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,497 | 99.7     | 0.09                     | 0.09                                      | 0.91 | 0.96 |
| Current employer offers health insurance                              | F3B24=1           | 3,165 | 84.9     | 0.78                     | 0.64                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 2,917 | 0.0      | 0.00                     | .                                         | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 2,917 | 16.0     | 0.88                     | 0.68                                      | 1.67 | 1.29 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 2,917 | 1.2      | 0.35                     | 0.21                                      | 2.82 | 1.68 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 2,917 | 7.4      | 0.59                     | 0.49                                      | 1.46 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 2,917 | 0.9      | 0.23                     | 0.17                                      | 1.69 | 1.30 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 2,917 | 16.3     | 0.84                     | 0.68                                      | 1.51 | 1.23 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,710 | 36.7     | 1.19                     | 0.93                                      | 1.64 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,464 | 46.3     | 1.09                     | 0.85                                      | 1.65 | 1.28 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,464 | 31.6     | 1.12                     | 0.79                                      | 2.00 | 1.42 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,259 | 28.1     | 1.73                     | 1.63                                      | 1.13 | 1.06 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,262 | 15.1     | 1.19                     | 0.84                                      | 1.99 | 1.41 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,282 | 54.4     | 1.05                     | 0.87                                      | 1.46 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,843 | 22.0     | 1.14                     | 0.97                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,843 | 35.6     | 1.52                     | 1.12                                      | 1.85 | 1.36 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,272 | 74.6     | 0.99                     | 0.76                                      | 1.70 | 1.30 |
| Respondent served in military                                         | F3B01=1           | 3,229 | 0.7      | 0.18                     | 0.15                                      | 1.43 | 1.20 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,260 | 1.1      | 0.01                     | 0.00                                      | 1.84 | 1.36 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,260 | 1.3      | 0.01                     | 0.01                                      | 1.69 | 1.30 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,326 | 79.8     | 0.91                     | 0.70                                      | 1.72 | 1.31 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,308 | 1.3      | 0.01                     | 0.01                                      | 1.90 | 1.38 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.82 | 1.32 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.36 | 0.60 |
| Median                                                                |                   |       |          |                          |                                           | 1.69 | 1.30 |
| Maximum                                                               |                   |       |          |                          |                                           | 4.44 | 2.11 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.78 | 0.28 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-61. Student design effects, by item, using base year to third follow-up transcript panel weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 11,769 | 13.5     | 0.56                     | 0.32                                      | 3.18 | 1.78 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 11,769 | 82.8     | 0.69                     | 0.35                                      | 3.98 | 2.00 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 11,769 | 5.9      | 0.37                     | 0.22                                      | 2.88 | 1.70 |
| Ever attended a postsecondary school                                  | F3A11=1           | 11,765 | 84.0     | 0.51                     | 0.34                                      | 2.26 | 1.50 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 9,393  | 54.7     | 0.72                     | 0.51                                      | 1.96 | 1.40 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 11,748 | 23.8     | 0.47                     | 0.39                                      | 1.41 | 1.19 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 11,766 | 97.8     | 0.18                     | 0.13                                      | 1.75 | 1.32 |
| Current employer offers health insurance                              | F3B24=1           | 9,774  | 71.8     | 0.59                     | 0.45                                      | 1.68 | 1.30 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 8,952  | 0.6      | 0.12                     | 0.08                                      | 1.95 | 1.40 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 8,952  | 14.3     | 0.49                     | 0.37                                      | 1.76 | 1.33 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 8,952  | 1.1      | 0.15                     | 0.11                                      | 1.79 | 1.34 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 8,952  | 7.1      | 0.34                     | 0.27                                      | 1.52 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 8,952  | 2.7      | 0.21                     | 0.17                                      | 1.49 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 8,952  | 8.8      | 0.35                     | 0.30                                      | 1.38 | 1.17 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 7,974  | 30.9     | 0.63                     | 0.52                                      | 1.48 | 1.22 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 11,638 | 45.8     | 0.68                     | 0.46                                      | 2.17 | 1.47 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 11,638 | 28.0     | 0.62                     | 0.42                                      | 2.23 | 1.49 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 10,494 | 25.9     | 0.95                     | 0.86                                      | 1.23 | 1.11 |
| Number of siblings living with respondent                             | F3D15B=continuous | 10,501 | 23.2     | 0.95                     | 0.62                                      | 2.36 | 1.53 |
| Respondent performed community service in past 2 years                | F3D40=1           | 10,569 | 38.9     | 0.63                     | 0.47                                      | 1.75 | 1.32 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,422  | 19.6     | 0.64                     | 0.60                                      | 1.15 | 1.07 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,422  | 37.2     | 0.99                     | 0.73                                      | 1.85 | 1.36 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 10,534 | 61.3     | 0.68                     | 0.47                                      | 2.04 | 1.43 |
| Respondent served in military                                         | F3B01=1           | 10,338 | 2.2      | 0.18                     | 0.14                                      | 1.64 | 1.28 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 10,473 | 1.1      | 0.00                     | 0.00                                      | 1.46 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 10,460 | 1.3      | 0.01                     | 0.01                                      | 1.70 | 1.30 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 10,750 | 66.8     | 0.61                     | 0.45                                      | 1.79 | 1.34 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 9,385  | 1.5      | 0.01                     | 0.01                                      | 1.62 | 1.27 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.91 | 1.37 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.15 | 1.07 |
| Median                                                                |                   |        |          |                          |                                           | 1.75 | 1.32 |
| Maximum                                                               |                   |        |          |                          |                                           | 3.98 | 2.00 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.61 | 0.20 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-62. Student design effects, by item, using base year to third follow-up transcript panel weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,571 | 15.7     | 0.77                     | 0.49                                      | 2.49 | 1.58 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,571 | 80.1     | 0.89                     | 0.53                                      | 2.79 | 1.67 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,571 | 7.4      | 0.51                     | 0.35                                      | 2.14 | 1.46 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,569 | 79.8     | 0.75                     | 0.54                                      | 1.95 | 1.40 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,204 | 49.0     | 0.99                     | 0.77                                      | 1.66 | 1.29 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,558 | 24.9     | 0.68                     | 0.58                                      | 1.36 | 1.17 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,569 | 98.5     | 0.19                     | 0.16                                      | 1.41 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 4,539 | 73.6     | 0.78                     | 0.65                                      | 1.43 | 1.19 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,273 | 1.1      | 0.22                     | 0.16                                      | 1.90 | 1.38 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,273 | 16.3     | 0.70                     | 0.56                                      | 1.52 | 1.23 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,273 | 2.0      | 0.29                     | 0.21                                      | 1.78 | 1.33 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,273 | 7.5      | 0.50                     | 0.40                                      | 1.56 | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,273 | 3.2      | 0.34                     | 0.27                                      | 1.61 | 1.27 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,273 | 4.8      | 0.36                     | 0.33                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,738 | 30.3     | 0.99                     | 0.75                                      | 1.74 | 1.32 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,503 | 50.9     | 0.89                     | 0.67                                      | 1.75 | 1.32 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,503 | 25.2     | 0.81                     | 0.59                                      | 1.90 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 4,875 | 34.2     | 1.64                     | 1.54                                      | 1.14 | 1.07 |
| Number of siblings living with respondent                             | F3D15B=continuous | 4,878 | 26.1     | 1.24                     | 0.94                                      | 1.72 | 1.31 |
| Respondent performed community service in past 2 years                | F3D40=1           | 4,902 | 35.5     | 0.87                     | 0.68                                      | 1.61 | 1.27 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,884 | 20.5     | 1.09                     | 0.93                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,884 | 36.8     | 1.50                     | 1.11                                      | 1.82 | 1.35 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 4,890 | 57.2     | 0.96                     | 0.71                                      | 1.85 | 1.36 |
| Respondent served in military                                         | F3B01=1           | 4,686 | 3.8      | 0.37                     | 0.28                                      | 1.70 | 1.30 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 4,867 | 1.1      | 0.01                     | 0.00                                      | 1.51 | 1.23 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 4,858 | 1.3      | 0.01                     | 0.01                                      | 1.29 | 1.14 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 4,994 | 72.7     | 0.78                     | 0.63                                      | 1.54 | 1.24 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,203 | 1.6      | 0.01                     | 0.01                                      | 1.83 | 1.35 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.70 | 1.30 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.14 | 1.07 |
| Median                                                                |                   |       |          |                          |                                           | 1.68 | 1.30 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.79 | 1.67 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.36 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-63. Student design effects, by item, using base year to third follow-up transcript panel weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,198 | 11.4     | 0.60                     | 0.40                                      | 2.23 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,198 | 85.3     | 0.77                     | 0.45                                      | 2.94 | 1.71 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,198 | 4.5      | 0.43                     | 0.26                                      | 2.65 | 1.63 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,196 | 88.0     | 0.60                     | 0.41                                      | 2.09 | 1.45 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,189 | 59.4     | 0.93                     | 0.68                                      | 1.85 | 1.36 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,190 | 22.8     | 0.67                     | 0.53                                      | 1.56 | 1.25 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,197 | 97.2     | 0.29                     | 0.21                                      | 1.84 | 1.36 |
| Current employer offers health insurance                              | F3B24=1           | 5,235 | 70.2     | 0.81                     | 0.63                                      | 1.65 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,679 | 0.2      | 0.08                     | 0.06                                      | 1.73 | 1.32 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,679 | 12.4     | 0.64                     | 0.48                                      | 1.74 | 1.32 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,679 | 0.2      | 0.08                     | 0.07                                      | 1.36 | 1.17 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,679 | 6.8      | 0.46                     | 0.37                                      | 1.58 | 1.26 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,679 | 2.3      | 0.26                     | 0.22                                      | 1.45 | 1.21 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,679 | 12.7     | 0.61                     | 0.49                                      | 1.56 | 1.25 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,236 | 31.4     | 0.82                     | 0.71                                      | 1.31 | 1.14 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,135 | 40.8     | 0.93                     | 0.63                                      | 2.19 | 1.48 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,135 | 30.8     | 0.85                     | 0.59                                      | 2.07 | 1.44 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,619 | 18.3     | 1.01                     | 0.85                                      | 1.39 | 1.18 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,623 | 20.5     | 1.19                     | 0.82                                      | 2.12 | 1.46 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,667 | 42.1     | 0.81                     | 0.66                                      | 1.51 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,538 | 19.0     | 0.90                     | 0.78                                      | 1.34 | 1.16 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,538 | 37.5     | 1.20                     | 0.96                                      | 1.55 | 1.25 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,644 | 65.1     | 0.86                     | 0.63                                      | 1.82 | 1.35 |
| Respondent served in military                                         | F3B01=1           | 5,652 | 0.7      | 0.13                     | 0.11                                      | 1.22 | 1.11 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,606 | 1.1      | 0.01                     | 0.00                                      | 1.77 | 1.33 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,602 | 1.3      | 0.01                     | 0.01                                      | 1.68 | 1.30 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,756 | 61.3     | 0.84                     | 0.64                                      | 1.70 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,182 | 1.4      | 0.01                     | 0.01                                      | 1.37 | 1.17 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.76 | 1.32 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.22 | 1.11 |
| Median                                                                |                   |       |          |                          |                                           | 1.69 | 1.30 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.94 | 1.71 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.40 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-64. Student design effects, by item, using base year to third follow-up transcript panel weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N  | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 97 | 29.5     | 5.61                     | 4.66                                      | 1.45 | 1.21 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 97 | 64.3     | 5.98                     | 4.89                                      | 1.49 | 1.22 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 97 | 16.8     | 5.56                     | 3.82                                      | 2.12 | 1.45 |
| Ever attended a postsecondary school                                  | F3A11=1           | 97 | 68.1     | 5.92                     | 4.76                                      | 1.55 | 1.24 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 57 | 66.4     | 6.80                     | 6.31                                      | 1.16 | 1.08 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 95 | 22.0     | 4.93                     | 4.27                                      | 1.33 | 1.15 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 97 | 98.2     | 1.35                     | 1.37                                      | 0.96 | 0.98 |
| Current employer offers health insurance                              | F3B24=1           | 77 | 51.7     | 6.37                     | 5.73                                      | 1.24 | 1.11 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 69 | 3.3      | 2.37                     | 2.17                                      | 1.19 | 1.09 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 69 | 5.5      | 2.60                     | 2.76                                      | 0.89 | 0.94 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 69 | 1.9      | 1.33                     | 1.66                                      | 0.64 | 0.80 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 69 | 7.8      | 4.36                     | 3.25                                      | 1.80 | 1.34 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 69 | 1.8      | 1.43                     | 1.60                                      | 0.79 | 0.89 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 69 | 4.6      | 2.78                     | 2.55                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 61 | 16.3     | 4.46                     | 4.76                                      | 0.88 | 0.94 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 93 | 29.9     | 5.97                     | 4.77                                      | 1.56 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 93 | 30.7     | 6.52                     | 4.81                                      | 1.84 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 85 | 26.6     | 11.33                    | 11.49                                     | 0.97 | 0.99 |
| Number of siblings living with respondent                             | F3D15B=continuous | 85 | 33.1     | 8.24                     | 8.46                                      | 0.95 | 0.97 |
| Respondent performed community service in past 2 years                | F3D40=1           | 84 | 20.9     | 4.68                     | 4.46                                      | 1.10 | 1.05 |
| Volunteered with school/community organizations                       | F3D41E=1          | 21 | 21.9     | 11.54                    | 9.24                                      | 1.56 | 1.25 |
| Volunteered with church-related group                                 | F3D41D=1          | 21 | 34.3     | 11.75                    | 10.62                                     | 1.22 | 1.11 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 83 | 48.5     | 7.32                     | 5.52                                      | 1.76 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 83 | 5.9      | 4.57                     | 2.60                                      | 3.09 | 1.76 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 84 | 1.1      | 0.03                     | 0.03                                      | 1.36 | 1.16 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 84 | 1.3      | 0.06                     | 0.06                                      | 1.00 | 1.00 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 86 | 51.1     | 7.51                     | 5.42                                      | 1.92 | 1.39 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 57 | 1.4      | 0.12                     | 0.09                                      | 1.67 | 1.29 |
| Summary statistics                                                    |                   |    |          |                          |                                           |      |      |
| Mean                                                                  |                   |    |          |                          |                                           | 1.38 | 1.16 |
| Minimum                                                               |                   |    |          |                          |                                           | 0.64 | 0.80 |
| Median                                                                |                   |    |          |                          |                                           | 1.28 | 1.13 |
| Maximum                                                               |                   |    |          |                          |                                           | 3.09 | 1.76 |
| Standard Deviation                                                    |                   |    |          |                          |                                           | 0.50 | 0.20 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-65. Student design effects, by item, using base year to third follow-up transcript panel weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,154 | 9.2      | 1.30                     | 0.85                                      | 2.33 | 1.53 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,154 | 89.2     | 1.36                     | 0.91                                      | 2.21 | 1.49 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,154 | 3.9      | 0.84                     | 0.57                                      | 2.15 | 1.47 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,154 | 91.8     | 1.16                     | 0.81                                      | 2.08 | 1.44 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 973   | 58.0     | 2.25                     | 1.58                                      | 2.02 | 1.42 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,151 | 24.2     | 1.59                     | 1.26                                      | 1.59 | 1.26 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,153 | 94.5     | 0.79                     | 0.67                                      | 1.37 | 1.17 |
| Current employer offers health insurance                              | F3B24=1           | 897   | 69.4     | 1.84                     | 1.54                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 860   | 0.2      | 0.18                     | 0.17                                      | 1.12 | 1.06 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 860   | 14.0     | 1.36                     | 1.19                                      | 1.32 | 1.15 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 860   | 1.2      | 0.54                     | 0.37                                      | 2.11 | 1.45 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 860   | 11.3     | 1.34                     | 1.08                                      | 1.54 | 1.24 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 860   | 2.6      | 0.75                     | 0.54                                      | 1.92 | 1.39 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 860   | 5.8      | 0.88                     | 0.79                                      | 1.23 | 1.11 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 751   | 31.5     | 1.91                     | 1.70                                      | 1.26 | 1.12 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,134 | 62.2     | 2.28                     | 1.44                                      | 2.50 | 1.58 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,134 | 18.8     | 1.58                     | 1.16                                      | 1.86 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 997   | 33.1     | 4.07                     | 3.27                                      | 1.55 | 1.25 |
| Number of siblings living with respondent                             | F3D15B=continuous | 997   | 52.0     | 4.23                     | 3.20                                      | 1.75 | 1.32 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,013 | 43.2     | 2.21                     | 1.56                                      | 2.02 | 1.42 |
| Volunteered with school/community organizations                       | F3D41E=1          | 457   | 24.1     | 2.33                     | 2.00                                      | 1.36 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 457   | 36.7     | 3.28                     | 2.26                                      | 2.11 | 1.45 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,007 | 48.7     | 2.26                     | 1.58                                      | 2.06 | 1.43 |
| Respondent served in military                                         | F3B01=1           | 1,008 | 0.5      | 0.22                     | 0.21                                      | 1.08 | 1.04 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,001 | 1.1      | 0.01                     | 0.01                                      | 1.11 | 1.05 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 997   | 1.4      | 0.02                     | 0.02                                      | 1.51 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,045 | 59.1     | 1.64                     | 1.52                                      | 1.17 | 1.08 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 973   | 1.4      | 0.03                     | 0.02                                      | 1.67 | 1.29 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.69 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.08 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.63 | 1.28 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.50 | 1.58 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.42 | 0.16 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-66. Student design effects, by item, using base year to third follow-up transcript panel weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,414 | 21.4     | 1.76                     | 1.09                                      | 2.61 | 1.62 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,414 | 73.5     | 2.20                     | 1.17                                      | 3.50 | 1.87 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,414 | 7.2      | 1.12                     | 0.69                                      | 2.65 | 1.63 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,413 | 81.6     | 1.37                     | 1.03                                      | 1.75 | 1.32 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,044 | 61.9     | 1.75                     | 1.50                                      | 1.36 | 1.17 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,406 | 25.6     | 1.22                     | 1.16                                      | 1.09 | 1.05 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,413 | 97.1     | 0.60                     | 0.45                                      | 1.79 | 1.34 |
| Current employer offers health insurance                              | F3B24=1           | 1,103 | 69.9     | 1.75                     | 1.38                                      | 1.61 | 1.27 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,122 | 0.4      | 0.27                     | 0.20                                      | 1.83 | 1.35 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,122 | 13.7     | 1.24                     | 1.03                                      | 1.46 | 1.21 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,122 | 0.5      | 0.22                     | 0.21                                      | 1.09 | 1.04 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,122 | 7.0      | 0.94                     | 0.76                                      | 1.53 | 1.24 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,122 | 2.3      | 0.55                     | 0.44                                      | 1.51 | 1.23 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,122 | 7.2      | 0.95                     | 0.77                                      | 1.53 | 1.24 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 960   | 30.4     | 1.77                     | 1.49                                      | 1.42 | 1.19 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,391 | 60.5     | 1.68                     | 1.31                                      | 1.64 | 1.28 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,391 | 13.8     | 1.18                     | 0.93                                      | 1.64 | 1.28 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,192 | 21.3     | 2.98                     | 2.19                                      | 1.84 | 1.36 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,192 | 26.3     | 2.34                     | 1.88                                      | 1.56 | 1.25 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,206 | 39.2     | 1.65                     | 1.41                                      | 1.38 | 1.18 |
| Volunteered with school/community organizations                       | F3D41E=1          | 518   | 23.6     | 2.20                     | 1.87                                      | 1.39 | 1.18 |
| Volunteered with church-related group                                 | F3D41D=1          | 518   | 46.7     | 2.81                     | 2.19                                      | 1.64 | 1.28 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,198 | 72.8     | 1.57                     | 1.29                                      | 1.49 | 1.22 |
| Respondent served in military                                         | F3B01=1           | 1,176 | 2.9      | 0.49                     | 0.49                                      | 1.00 | 1.00 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,188 | 1.1      | 0.01                     | 0.01                                      | 1.42 | 1.19 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,189 | 1.3      | 0.02                     | 0.02                                      | 1.83 | 1.35 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,231 | 60.4     | 1.82                     | 1.39                                      | 1.70 | 1.31 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,041 | 1.3      | 0.02                     | 0.02                                      | 1.54 | 1.24 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.67 | 1.28 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.00 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.55 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.50 | 1.87 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.51 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-67. Student design effects, by item, using base year to third follow-up transcript panel weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,636 | 22.2     | 1.58                     | 1.03                                      | 2.35 | 1.53 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,636 | 71.0     | 1.68                     | 1.12                                      | 2.25 | 1.50 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,636 | 7.6      | 1.11                     | 0.65                                      | 2.90 | 1.70 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,635 | 78.1     | 1.33                     | 1.02                                      | 1.70 | 1.30 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,176 | 46.5     | 1.84                     | 1.46                                      | 1.60 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,632 | 24.3     | 1.25                     | 1.06                                      | 1.39 | 1.18 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,636 | 96.4     | 0.56                     | 0.46                                      | 1.48 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 1,276 | 65.0     | 1.72                     | 1.34                                      | 1.65 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,240 | 1.2      | 0.38                     | 0.31                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,240 | 12.8     | 1.20                     | 0.95                                      | 1.60 | 1.27 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,240 | 0.8      | 0.27                     | 0.26                                      | 1.08 | 1.04 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,240 | 6.9      | 0.83                     | 0.72                                      | 1.34 | 1.16 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,240 | 2.1      | 0.45                     | 0.41                                      | 1.20 | 1.09 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,240 | 7.3      | 0.85                     | 0.74                                      | 1.31 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,076 | 27.8     | 1.76                     | 1.37                                      | 1.66 | 1.29 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,619 | 43.6     | 1.61                     | 1.23                                      | 1.71 | 1.31 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,619 | 28.4     | 1.46                     | 1.12                                      | 1.70 | 1.30 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,411 | 22.6     | 2.47                     | 2.26                                      | 1.19 | 1.09 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,414 | 42.0     | 3.48                     | 2.32                                      | 2.26 | 1.50 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,421 | 29.7     | 1.43                     | 1.21                                      | 1.39 | 1.18 |
| Volunteered with school/community organizations                       | F3D41E=1          | 460   | 17.1     | 1.82                     | 1.76                                      | 1.07 | 1.03 |
| Volunteered with church-related group                                 | F3D41D=1          | 460   | 39.5     | 2.61                     | 2.28                                      | 1.31 | 1.15 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,414 | 46.5     | 1.61                     | 1.33                                      | 1.47 | 1.21 |
| Respondent served in military                                         | F3B01=1           | 1,391 | 1.8      | 0.42                     | 0.35                                      | 1.42 | 1.19 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,404 | 1.1      | 0.01                     | 0.01                                      | 1.42 | 1.19 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,398 | 1.4      | 0.02                     | 0.02                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,451 | 62.3     | 1.46                     | 1.27                                      | 1.31 | 1.14 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,174 | 1.4      | 0.02                     | 0.02                                      | 1.77 | 1.33 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.59 | 1.25 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.07 | 1.03 |
| Median                                                                |                   |       |          |                          |                                           | 1.50 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.90 | 1.70 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.41 | 0.15 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-68. Student design effects, by item, using base year to third follow-up transcript panel weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 558 | 19.0     | 2.48                     | 1.66                                      | 2.22 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 558 | 74.4     | 2.65                     | 1.85                                      | 2.05 | 1.43 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 558 | 10.8     | 2.02                     | 1.32                                      | 2.35 | 1.53 |
| Ever attended a postsecondary school                                  | F3A11=1           | 557 | 78.1     | 2.06                     | 1.75                                      | 1.38 | 1.18 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 420 | 52.9     | 3.33                     | 2.44                                      | 1.87 | 1.37 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 557 | 24.0     | 2.40                     | 1.81                                      | 1.76 | 1.33 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 558 | 96.6     | 1.04                     | 0.76                                      | 1.86 | 1.36 |
| Current employer offers health insurance                              | F3B24=1           | 460 | 66.6     | 3.04                     | 2.20                                      | 1.91 | 1.38 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 415 | 0.4      | 0.43                     | 0.32                                      | 1.79 | 1.34 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 415 | 17.6     | 2.66                     | 1.87                                      | 2.01 | 1.42 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 415 | 2.3      | 0.86                     | 0.74                                      | 1.34 | 1.16 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 415 | 8.0      | 1.58                     | 1.34                                      | 1.40 | 1.18 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 415 | 1.1      | 0.53                     | 0.52                                      | 1.04 | 1.02 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 415 | 5.9      | 1.24                     | 1.16                                      | 1.15 | 1.07 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 370 | 31.9     | 3.15                     | 2.43                                      | 1.68 | 1.30 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 551 | 48.7     | 2.74                     | 2.13                                      | 1.65 | 1.29 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 551 | 23.8     | 2.41                     | 1.82                                      | 1.75 | 1.32 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 498 | 29.8     | 5.11                     | 3.57                                      | 2.05 | 1.43 |
| Number of siblings living with respondent                             | F3D15B=continuous | 497 | 23.2     | 3.21                     | 2.53                                      | 1.61 | 1.27 |
| Respondent performed community service in past 2 years                | F3D40=1           | 499 | 36.5     | 2.75                     | 2.16                                      | 1.63 | 1.28 |
| Volunteered with school/community organizations                       | F3D41E=1          | 205 | 22.9     | 3.87                     | 2.94                                      | 1.73 | 1.32 |
| Volunteered with church-related group                                 | F3D41D=1          | 205 | 35.6     | 4.41                     | 3.35                                      | 1.73 | 1.31 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 498 | 55.6     | 3.05                     | 2.23                                      | 1.88 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 478 | 3.2      | 0.92                     | 0.81                                      | 1.30 | 1.14 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 497 | 1.1      | 0.02                     | 0.02                                      | 1.38 | 1.17 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 494 | 1.4      | 0.04                     | 0.03                                      | 1.89 | 1.37 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 508 | 59.2     | 2.83                     | 2.18                                      | 1.68 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 419 | 1.5      | 0.05                     | 0.03                                      | 1.93 | 1.39 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.72 | 1.30 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.04 | 1.02 |
| Median                                                                |                   |     |          |                          |                                           | 1.74 | 1.32 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.35 | 1.53 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.31 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-69. Student design effects, by item, using base year to third follow-up transcript panel weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,910 | 9.0      | 0.53                     | 0.34                                      | 2.37 | 1.54 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,910 | 88.6     | 0.60                     | 0.38                                      | 2.47 | 1.57 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,910 | 4.7      | 0.35                     | 0.26                                      | 1.90 | 1.38 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,909 | 86.3     | 0.58                     | 0.41                                      | 1.97 | 1.41 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,723 | 54.8     | 0.89                     | 0.66                                      | 1.82 | 1.35 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,907 | 23.3     | 0.64                     | 0.51                                      | 1.60 | 1.27 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,909 | 98.7     | 0.16                     | 0.14                                      | 1.40 | 1.18 |
| Current employer offers health insurance                              | F3B24=1           | 5,961 | 74.6     | 0.73                     | 0.56                                      | 1.69 | 1.30 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,246 | 0.5      | 0.14                     | 0.10                                      | 2.00 | 1.41 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,246 | 14.8     | 0.63                     | 0.49                                      | 1.67 | 1.29 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,246 | 1.2      | 0.21                     | 0.15                                      | 1.97 | 1.40 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,246 | 6.9      | 0.42                     | 0.35                                      | 1.43 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,246 | 3.1      | 0.29                     | 0.24                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,246 | 10.0     | 0.45                     | 0.41                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,756 | 31.9     | 0.84                     | 0.68                                      | 1.53 | 1.24 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,850 | 41.7     | 0.82                     | 0.60                                      | 1.91 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,850 | 32.2     | 0.80                     | 0.56                                      | 1.99 | 1.41 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,311 | 27.1     | 1.31                     | 1.13                                      | 1.33 | 1.15 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,316 | 15.8     | 0.94                     | 0.64                                      | 2.15 | 1.47 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,346 | 41.3     | 0.76                     | 0.62                                      | 1.50 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,761 | 18.7     | 0.80                     | 0.74                                      | 1.17 | 1.08 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,761 | 35.0     | 1.15                     | 0.91                                      | 1.61 | 1.27 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,334 | 63.9     | 0.78                     | 0.60                                      | 1.67 | 1.29 |
| Respondent served in military                                         | F3B01=1           | 6,202 | 2.1      | 0.24                     | 0.18                                      | 1.69 | 1.30 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,299 | 1.1      | 0.00                     | 0.00                                      | 1.45 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,298 | 1.3      | 0.01                     | 0.01                                      | 1.85 | 1.36 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,429 | 70.7     | 0.69                     | 0.57                                      | 1.49 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,721 | 1.5      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.71 | 1.30 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.17 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.67 | 1.29 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.47 | 1.57 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.32 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-70. Student design effects, by item, using base year to third follow-up transcript panel weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 9,049 | 14.3     | 0.60                     | 0.37                                      | 2.68 | 1.64 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 9,049 | 81.7     | 0.74                     | 0.41                                      | 3.36 | 1.83 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 9,049 | 6.2      | 0.40                     | 0.25                                      | 2.44 | 1.56 |
| Ever attended a postsecondary school                                  | F3A11=1           | 9,045 | 83.0     | 0.54                     | 0.40                                      | 1.90 | 1.38 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,921 | 55.1     | 0.78                     | 0.60                                      | 1.69 | 1.30 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 9,031 | 23.8     | 0.50                     | 0.45                                      | 1.24 | 1.11 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 9,046 | 97.8     | 0.19                     | 0.15                                      | 1.52 | 1.23 |
| Current employer offers health insurance                              | F3B24=1           | 7,443 | 71.7     | 0.63                     | 0.52                                      | 1.47 | 1.21 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 6,833 | 0.7      | 0.13                     | 0.10                                      | 1.64 | 1.28 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 6,833 | 14.2     | 0.52                     | 0.42                                      | 1.54 | 1.24 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 6,833 | 1.1      | 0.16                     | 0.13                                      | 1.58 | 1.26 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 6,833 | 7.0      | 0.35                     | 0.31                                      | 1.32 | 1.15 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 6,833 | 2.7      | 0.22                     | 0.19                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 6,833 | 8.6      | 0.37                     | 0.34                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 6,043 | 30.5     | 0.68                     | 0.59                                      | 1.30 | 1.14 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 8,949 | 45.0     | 0.72                     | 0.53                                      | 1.90 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 8,949 | 28.3     | 0.66                     | 0.48                                      | 1.94 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 8,007 | 25.2     | 1.01                     | 0.99                                      | 1.04 | 1.02 |
| Number of siblings living with respondent                             | F3D15B=continuous | 8,011 | 23.2     | 1.02                     | 0.71                                      | 2.06 | 1.44 |
| Respondent performed community service in past 2 years                | F3D40=1           | 8,062 | 38.0     | 0.67                     | 0.54                                      | 1.51 | 1.23 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,195 | 19.5     | 0.69                     | 0.70                                      | 0.98 | 0.99 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,195 | 37.4     | 1.07                     | 0.86                                      | 1.55 | 1.25 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 8,033 | 60.3     | 0.72                     | 0.55                                      | 1.75 | 1.32 |
| Respondent served in military                                         | F3B01=1           | 7,867 | 2.3      | 0.20                     | 0.17                                      | 1.39 | 1.18 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 7,984 | 1.1      | 0.00                     | 0.00                                      | 1.26 | 1.12 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 7,970 | 1.4      | 0.01                     | 0.01                                      | 1.47 | 1.21 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 8,200 | 66.6     | 0.65                     | 0.52                                      | 1.57 | 1.25 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,918 | 1.5      | 0.01                     | 0.01                                      | 1.40 | 1.18 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.64 | 1.27 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.98 | 0.99 |
| Median                                                                |                   |       |          |                          |                                           | 1.53 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.36 | 1.83 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.51 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-71. Student design effects, by item, using base year to third follow-up transcript panel weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,632 | 2.4      | 0.48                     | 0.38                                      | 1.55 | 1.25 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,632 | 97.5     | 0.54                     | 0.39                                      | 1.94 | 1.39 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,632 | 1.5      | 0.38                     | 0.30                                      | 1.65 | 1.29 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,632 | 98.0     | 0.40                     | 0.35                                      | 1.35 | 1.16 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,484 | 51.1     | 1.81                     | 1.30                                      | 1.95 | 1.40 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,630 | 25.2     | 1.19                     | 1.08                                      | 1.23 | 1.11 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,632 | 98.5     | 0.42                     | 0.30                                      | 1.99 | 1.41 |
| Current employer offers health insurance                              | F3B24=1           | 1,409 | 77.2     | 1.15                     | 1.12                                      | 1.05 | 1.03 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,287 | 0.1      | 0.09                     | 0.09                                      | 0.89 | 0.94 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,287 | 17.3     | 1.78                     | 1.05                                      | 2.86 | 1.69 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,287 | 1.0      | 0.33                     | 0.27                                      | 1.44 | 1.20 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,287 | 9.5      | 1.05                     | 0.82                                      | 1.63 | 1.28 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,287 | 4.0      | 0.71                     | 0.55                                      | 1.66 | 1.29 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,287 | 9.5      | 1.02                     | 0.82                                      | 1.57 | 1.25 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,164 | 37.2     | 1.51                     | 1.42                                      | 1.14 | 1.07 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,616 | 57.7     | 1.44                     | 1.23                                      | 1.37 | 1.17 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,616 | 19.5     | 1.24                     | 0.99                                      | 1.57 | 1.25 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,477 | 34.0     | 3.40                     | 2.14                                      | 2.53 | 1.59 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,480 | 23.6     | 2.15                     | 1.56                                      | 1.90 | 1.38 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,494 | 46.4     | 1.32                     | 1.29                                      | 1.04 | 1.02 |
| Volunteered with school/community organizations                       | F3D41E=1          | 693   | 22.0     | 2.00                     | 1.58                                      | 1.62 | 1.27 |
| Volunteered with church-related group                                 | F3D41D=1          | 693   | 26.8     | 2.02                     | 1.68                                      | 1.45 | 1.20 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,490 | 73.0     | 1.43                     | 1.15                                      | 1.55 | 1.24 |
| Respondent served in military                                         | F3B01=1           | 1,472 | 0.9      | 0.29                     | 0.25                                      | 1.31 | 1.14 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,481 | 1.1      | 0.01                     | 0.01                                      | 1.46 | 1.21 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,481 | 1.2      | 0.01                     | 0.01                                      | 0.70 | 0.84 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,514 | 74.5     | 1.03                     | 1.12                                      | 0.85 | 0.92 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,478 | 1.4      | 0.02                     | 0.02                                      | 1.39 | 1.18 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.52 | 1.22 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.70 | 0.84 |
| Median                                                                |                   |       |          |                          |                                           | 1.50 | 1.23 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.86 | 1.69 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.47 | 0.19 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-72. Student design effects, by item, using base year to third follow-up transcript panel weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,088 | 6.1      | 1.50                     | 0.73                                      | 4.25 | 2.06 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,088 | 91.8     | 2.01                     | 0.83                                      | 5.85 | 2.42 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,088 | 3.7      | 1.17                     | 0.57                                      | 4.20 | 2.05 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,088 | 94.3     | 1.62                     | 0.70                                      | 5.34 | 2.31 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 988   | 50.7     | 2.35                     | 1.59                                      | 2.17 | 1.47 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,087 | 23.3     | 1.87                     | 1.28                                      | 2.13 | 1.46 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,088 | 97.8     | 0.63                     | 0.45                                      | 1.98 | 1.41 |
| Current employer offers health insurance                              | F3B24=1           | 922   | 69.3     | 2.07                     | 1.52                                      | 1.85 | 1.36 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 832   | 0.3      | 0.29                     | 0.20                                      | 2.06 | 1.43 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 832   | 15.4     | 1.48                     | 1.25                                      | 1.41 | 1.19 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 832   | 1.6      | 0.58                     | 0.44                                      | 1.76 | 1.33 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 832   | 7.0      | 1.59                     | 0.88                                      | 3.23 | 1.80 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 832   | 3.1      | 0.67                     | 0.60                                      | 1.27 | 1.13 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 832   | 11.0     | 1.50                     | 1.09                                      | 1.90 | 1.38 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 767   | 33.4     | 2.23                     | 1.70                                      | 1.72 | 1.31 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,073 | 50.2     | 2.85                     | 1.53                                      | 3.48 | 1.87 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,073 | 32.0     | 2.93                     | 1.43                                      | 4.22 | 2.05 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,010 | 36.1     | 3.76                     | 2.57                                      | 2.14 | 1.46 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,010 | 22.3     | 3.86                     | 2.21                                      | 3.05 | 1.75 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,013 | 53.5     | 2.61                     | 1.57                                      | 2.77 | 1.66 |
| Volunteered with school/community organizations                       | F3D41E=1          | 534   | 18.9     | 1.99                     | 1.69                                      | 1.38 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 534   | 44.9     | 4.35                     | 2.15                                      | 4.09 | 2.02 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,011 | 73.0     | 2.46                     | 1.40                                      | 3.09 | 1.76 |
| Respondent served in military                                         | F3B01=1           | 999   | 1.5      | 0.58                     | 0.38                                      | 2.26 | 1.50 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,008 | 1.1      | 0.01                     | 0.01                                      | 1.99 | 1.41 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,009 | 1.2      | 0.02                     | 0.02                                      | 2.25 | 1.50 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,036 | 62.7     | 2.39                     | 1.50                                      | 2.53 | 1.59 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 989   | 1.5      | 0.03                     | 0.02                                      | 1.75 | 1.32 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 2.72 | 1.61 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.27 | 1.13 |
| Median                                                                |                   |       |          |                          |                                           | 2.21 | 1.49 |
| Maximum                                                               |                   |       |          |                          |                                           | 5.85 | 2.42 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 1.21 | 0.35 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-73. Student design effects, by item, using base year to third follow-up transcript panel weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,504 | 30.9     | 1.30                     | 0.92                                      | 1.99 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,504 | 62.0     | 1.34                     | 0.97                                      | 1.91 | 1.38 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,504 | 11.9     | 0.86                     | 0.65                                      | 1.75 | 1.32 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,503 | 49.5     | 1.24                     | 1.00                                      | 1.54 | 1.24 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,167 | 49.4     | 1.86                     | 1.46                                      | 1.61 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,499 | 19.3     | 0.87                     | 0.79                                      | 1.22 | 1.10 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,504 | 96.8     | 0.43                     | 0.35                                      | 1.49 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 1,924 | 53.6     | 1.38                     | 1.14                                      | 1.46 | 1.21 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,657 | 2.1      | 0.47                     | 0.35                                      | 1.78 | 1.33 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,657 | 9.9      | 1.06                     | 0.73                                      | 2.09 | 1.45 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,657 | 0.5      | 0.17                     | 0.17                                      | 1.01 | 1.00 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,657 | 4.1      | 0.61                     | 0.48                                      | 1.57 | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,657 | 3.7      | 0.54                     | 0.46                                      | 1.34 | 1.16 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,657 | 4.3      | 0.57                     | 0.50                                      | 1.31 | 1.15 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,411 | 21.5     | 1.25                     | 1.09                                      | 1.30 | 1.14 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,462 | 46.0     | 1.22                     | 1.00                                      | 1.48 | 1.22 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,462 | 23.3     | 1.05                     | 0.85                                      | 1.50 | 1.23 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 2,114 | 23.7     | 2.29                     | 2.25                                      | 1.04 | 1.02 |
| Number of siblings living with respondent                             | F3D15B=continuous | 2,115 | 30.0     | 1.87                     | 1.56                                      | 1.44 | 1.20 |
| Respondent performed community service in past 2 years                | F3D40=1           | 2,133 | 26.2     | 1.10                     | 0.95                                      | 1.33 | 1.16 |
| Volunteered with school/community organizations                       | F3D41E=1          | 578   | 13.8     | 1.54                     | 1.44                                      | 1.15 | 1.07 |
| Volunteered with church-related group                                 | F3D41D=1          | 578   | 41.9     | 2.54                     | 2.05                                      | 1.53 | 1.24 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 2,126 | 45.2     | 1.30                     | 1.08                                      | 1.44 | 1.20 |
| Respondent served in military                                         | F3B01=1           | 2,148 | 3.2      | 0.47                     | 0.38                                      | 1.52 | 1.23 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 2,109 | 1.1      | 0.01                     | 0.01                                      | 1.21 | 1.10 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 2,099 | 1.4      | 0.02                     | 0.01                                      | 1.42 | 1.19 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,190 | 48.5     | 1.34                     | 1.07                                      | 1.58 | 1.26 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,169 | 1.6      | 0.03                     | 0.02                                      | 1.48 | 1.22 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.48 | 1.21 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.01 | 1.00 |
| Median                                                                |                   |       |          |                          |                                           | 1.48 | 1.22 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.09 | 1.45 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.26 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-74. Student design effects, by item, using base year to third follow-up transcript panel weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,792 | 10.6     | 0.58                     | 0.41                                      | 2.07 | 1.44 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,792 | 86.0     | 0.75                     | 0.46                                      | 2.68 | 1.64 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,792 | 5.4      | 0.42                     | 0.30                                      | 1.98 | 1.41 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,789 | 93.5     | 0.40                     | 0.32                                      | 1.56 | 1.25 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,942 | 48.6     | 0.90                     | 0.71                                      | 1.60 | 1.27 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,776 | 29.2     | 0.71                     | 0.60                                      | 1.40 | 1.18 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,789 | 97.4     | 0.28                     | 0.21                                      | 1.77 | 1.33 |
| Current employer offers health insurance                              | F3B24=1           | 4,708 | 73.1     | 0.78                     | 0.65                                      | 1.47 | 1.21 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,398 | 0.3      | 0.10                     | 0.09                                      | 1.20 | 1.09 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,398 | 15.3     | 0.73                     | 0.54                                      | 1.82 | 1.35 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,398 | 1.3      | 0.23                     | 0.17                                      | 1.68 | 1.30 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,398 | 8.3      | 0.50                     | 0.42                                      | 1.43 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,398 | 3.3      | 0.32                     | 0.27                                      | 1.42 | 1.19 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,398 | 6.7      | 0.45                     | 0.38                                      | 1.43 | 1.20 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,872 | 31.4     | 0.80                     | 0.75                                      | 1.14 | 1.07 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,736 | 45.3     | 0.93                     | 0.66                                      | 1.98 | 1.41 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,736 | 28.7     | 0.79                     | 0.60                                      | 1.76 | 1.33 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,144 | 25.7     | 1.40                     | 1.06                                      | 1.74 | 1.32 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,147 | 24.4     | 1.26                     | 0.93                                      | 1.86 | 1.36 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,177 | 36.7     | 0.88                     | 0.67                                      | 1.71 | 1.31 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,013 | 19.9     | 1.06                     | 0.89                                      | 1.42 | 1.19 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,013 | 36.8     | 1.39                     | 1.08                                      | 1.67 | 1.29 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,159 | 61.8     | 0.97                     | 0.68                                      | 2.04 | 1.43 |
| Respondent served in military                                         | F3B01=1           | 4,983 | 2.5      | 0.27                     | 0.22                                      | 1.44 | 1.20 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,127 | 1.1      | 0.01                     | 0.00                                      | 1.43 | 1.20 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,124 | 1.4      | 0.01                     | 0.01                                      | 1.65 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,257 | 68.8     | 0.77                     | 0.64                                      | 1.44 | 1.20 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,931 | 1.5      | 0.01                     | 0.01                                      | 1.57 | 1.25 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.66 | 1.28 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.14 | 1.07 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.68 | 1.64 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.31 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-75. Student design effects, by item, using base year to third follow-up transcript panel weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,473 | 1.7      | 0.40                     | 0.22                                      | 3.29 | 1.81 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,473 | 97.4     | 0.44                     | 0.27                                      | 2.67 | 1.63 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,473 | 0.8      | 0.31                     | 0.15                                      | 3.97 | 1.99 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,473 | 100.0    | 0.01                     | 0.02                                      | 0.34 | 0.58 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,284 | 67.6     | 1.09                     | 0.82                                      | 1.77 | 1.33 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,473 | 17.9     | 0.81                     | 0.65                                      | 1.53 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,473 | 99.7     | 0.09                     | 0.09                                      | 0.95 | 0.98 |
| Current employer offers health insurance                              | F3B24=1           | 3,142 | 85.0     | 0.77                     | 0.64                                      | 1.45 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 2,897 | 0.0      | 0.00                     | .                                         | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 2,897 | 16.1     | 0.89                     | 0.68                                      | 1.69 | 1.30 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 2,897 | 1.2      | 0.31                     | 0.20                                      | 2.36 | 1.54 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 2,897 | 7.5      | 0.59                     | 0.49                                      | 1.47 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 2,897 | 0.9      | 0.22                     | 0.17                                      | 1.64 | 1.28 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 2,897 | 16.1     | 0.83                     | 0.68                                      | 1.46 | 1.21 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,691 | 37.0     | 1.19                     | 0.93                                      | 1.64 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,440 | 46.4     | 1.08                     | 0.85                                      | 1.61 | 1.27 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,440 | 31.5     | 1.12                     | 0.79                                      | 2.01 | 1.42 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,236 | 28.5     | 1.74                     | 1.63                                      | 1.14 | 1.07 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,239 | 14.9     | 1.18                     | 0.84                                      | 1.99 | 1.41 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,259 | 54.5     | 1.05                     | 0.87                                      | 1.46 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,831 | 21.9     | 1.12                     | 0.97                                      | 1.34 | 1.16 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,831 | 35.7     | 1.50                     | 1.12                                      | 1.79 | 1.34 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,249 | 74.9     | 0.99                     | 0.76                                      | 1.69 | 1.30 |
| Respondent served in military                                         | F3B01=1           | 3,207 | 0.7      | 0.18                     | 0.15                                      | 1.42 | 1.19 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,237 | 1.1      | 0.01                     | 0.00                                      | 1.87 | 1.37 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,237 | 1.3      | 0.01                     | 0.01                                      | 1.71 | 1.31 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,303 | 79.9     | 0.91                     | 0.70                                      | 1.69 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,285 | 1.3      | 0.01                     | 0.01                                      | 1.92 | 1.38 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.77 | 1.31 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.34 | 0.58 |
| Median                                                                |                   |       |          |                          |                                           | 1.69 | 1.30 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.97 | 1.99 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.69 | 0.26 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-76. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Overall**

| Survey item (or composite variable)                                   | Variable          | N      | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|--------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 11,274 | 12.3     | 0.53                     | 0.31                                      | 2.95 | 1.72 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 11,274 | 84.3     | 0.68                     | 0.34                                      | 3.88 | 1.97 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 11,274 | 5.5      | 0.38                     | 0.21                                      | 3.23 | 1.80 |
| Ever attended a postsecondary school                                  | F3A11=1           | 11,270 | 84.7     | 0.52                     | 0.34                                      | 2.33 | 1.53 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 9,117  | 55.1     | 0.74                     | 0.52                                      | 2.05 | 1.43 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 11,254 | 23.6     | 0.49                     | 0.40                                      | 1.52 | 1.23 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 11,271 | 97.8     | 0.18                     | 0.14                                      | 1.68 | 1.30 |
| Current employer offers health insurance                              | F3B24=1           | 9,412  | 72.0     | 0.64                     | 0.46                                      | 1.91 | 1.38 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 8,559  | 0.7      | 0.13                     | 0.09                                      | 2.18 | 1.48 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 8,559  | 14.3     | 0.50                     | 0.38                                      | 1.75 | 1.32 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 8,559  | 1.2      | 0.16                     | 0.12                                      | 1.99 | 1.41 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 8,559  | 7.3      | 0.36                     | 0.28                                      | 1.67 | 1.29 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 8,559  | 2.7      | 0.21                     | 0.18                                      | 1.50 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 8,559  | 8.9      | 0.37                     | 0.31                                      | 1.48 | 1.21 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 7,653  | 31.3     | 0.66                     | 0.53                                      | 1.54 | 1.24 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 11,144 | 46.3     | 0.70                     | 0.47                                      | 2.18 | 1.48 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 11,144 | 28.0     | 0.63                     | 0.43                                      | 2.20 | 1.48 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 10,098 | 26.4     | 1.02                     | 0.89                                      | 1.29 | 1.14 |
| Number of siblings living with respondent                             | F3D15B=continuous | 10,107 | 23.4     | 1.01                     | 0.63                                      | 2.55 | 1.60 |
| Respondent performed community service in past 2 years                | F3D40=1           | 10,173 | 39.2     | 0.63                     | 0.48                                      | 1.72 | 1.31 |
| Volunteered with school/community organizations                       | F3D41E=1          | 4,289  | 19.6     | 0.66                     | 0.61                                      | 1.19 | 1.09 |
| Volunteered with church-related group                                 | F3D41D=1          | 4,289  | 37.8     | 1.03                     | 0.74                                      | 1.94 | 1.39 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 10,143 | 61.7     | 0.69                     | 0.48                                      | 2.06 | 1.44 |
| Respondent served in military                                         | F3B01=1           | 9,956  | 2.2      | 0.19                     | 0.15                                      | 1.71 | 1.31 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 10,085 | 1.1      | 0.00                     | 0.00                                      | 1.51 | 1.23 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 10,073 | 1.3      | 0.01                     | 0.01                                      | 1.64 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 10,350 | 66.9     | 0.63                     | 0.46                                      | 1.85 | 1.36 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 9,107  | 1.5      | 0.01                     | 0.01                                      | 1.66 | 1.29 |
| Summary statistics                                                    |                   |        |          |                          |                                           |      |      |
| Mean                                                                  |                   |        |          |                          |                                           | 1.97 | 1.39 |
| Minimum                                                               |                   |        |          |                          |                                           | 1.19 | 1.09 |
| Median                                                                |                   |        |          |                          |                                           | 1.80 | 1.34 |
| Maximum                                                               |                   |        |          |                          |                                           | 3.88 | 1.97 |
| Standard Deviation                                                    |                   |        |          |                          |                                           | 0.59 | 0.20 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-77. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Male**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,350 | 14.6     | 0.76                     | 0.48                                      | 2.50 | 1.58 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,350 | 81.6     | 0.89                     | 0.53                                      | 2.81 | 1.68 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,350 | 6.7      | 0.54                     | 0.34                                      | 2.47 | 1.57 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,348 | 80.8     | 0.77                     | 0.54                                      | 2.02 | 1.42 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,113 | 49.1     | 1.03                     | 0.78                                      | 1.74 | 1.32 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,337 | 24.7     | 0.74                     | 0.59                                      | 1.57 | 1.25 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,348 | 98.5     | 0.21                     | 0.17                                      | 1.50 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 4,395 | 73.6     | 0.81                     | 0.66                                      | 1.48 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,097 | 1.2      | 0.25                     | 0.17                                      | 2.13 | 1.46 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,097 | 16.2     | 0.73                     | 0.58                                      | 1.59 | 1.26 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,097 | 2.1      | 0.31                     | 0.22                                      | 1.97 | 1.40 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,097 | 7.6      | 0.55                     | 0.41                                      | 1.78 | 1.33 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,097 | 3.1      | 0.34                     | 0.27                                      | 1.56 | 1.25 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,097 | 4.9      | 0.37                     | 0.34                                      | 1.19 | 1.09 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,604 | 30.6     | 0.99                     | 0.77                                      | 1.67 | 1.29 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,280 | 51.2     | 0.91                     | 0.69                                      | 1.75 | 1.32 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,280 | 24.9     | 0.81                     | 0.60                                      | 1.84 | 1.36 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 4,710 | 34.3     | 1.71                     | 1.58                                      | 1.18 | 1.09 |
| Number of siblings living with respondent                             | F3D15B=continuous | 4,713 | 26.8     | 1.36                     | 0.97                                      | 1.96 | 1.40 |
| Respondent performed community service in past 2 years                | F3D40=1           | 4,737 | 35.6     | 0.86                     | 0.70                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,829 | 20.2     | 1.12                     | 0.94                                      | 1.42 | 1.19 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,829 | 37.8     | 1.53                     | 1.13                                      | 1.81 | 1.35 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 4,726 | 57.6     | 0.97                     | 0.72                                      | 1.83 | 1.35 |
| Respondent served in military                                         | F3B01=1           | 4,533 | 3.9      | 0.38                     | 0.29                                      | 1.79 | 1.34 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 4,707 | 1.1      | 0.01                     | 0.00                                      | 1.71 | 1.31 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 4,699 | 1.3      | 0.01                     | 0.01                                      | 1.42 | 1.19 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 4,830 | 72.5     | 0.81                     | 0.64                                      | 1.57 | 1.25 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,110 | 1.6      | 0.01                     | 0.01                                      | 1.87 | 1.37 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.77 | 1.33 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.18 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 1.75 | 1.32 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.81 | 1.68 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.37 | 0.14 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-78. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Female**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,924 | 10.0     | 0.55                     | 0.39                                      | 1.98 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,924 | 86.9     | 0.73                     | 0.44                                      | 2.80 | 1.67 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,924 | 4.3      | 0.42                     | 0.26                                      | 2.49 | 1.58 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,922 | 88.5     | 0.62                     | 0.42                                      | 2.21 | 1.49 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,004 | 60.2     | 0.95                     | 0.69                                      | 1.90 | 1.38 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,917 | 22.5     | 0.69                     | 0.54                                      | 1.60 | 1.26 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,923 | 97.2     | 0.28                     | 0.21                                      | 1.72 | 1.31 |
| Current employer offers health insurance                              | F3B24=1           | 5,017 | 70.4     | 0.86                     | 0.64                                      | 1.77 | 1.33 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,462 | 0.2      | 0.09                     | 0.06                                      | 1.95 | 1.40 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,462 | 12.4     | 0.68                     | 0.49                                      | 1.87 | 1.37 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,462 | 0.3      | 0.10                     | 0.08                                      | 1.67 | 1.29 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,462 | 7.1      | 0.50                     | 0.38                                      | 1.72 | 1.31 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,462 | 2.3      | 0.28                     | 0.22                                      | 1.54 | 1.24 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,462 | 12.9     | 0.65                     | 0.50                                      | 1.69 | 1.30 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,049 | 31.9     | 0.89                     | 0.73                                      | 1.48 | 1.22 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,864 | 41.5     | 0.99                     | 0.64                                      | 2.38 | 1.54 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,864 | 31.0     | 0.90                     | 0.60                                      | 2.23 | 1.49 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 5,388 | 19.0     | 1.14                     | 0.92                                      | 1.55 | 1.24 |
| Number of siblings living with respondent                             | F3D15B=continuous | 5,394 | 20.3     | 1.20                     | 0.82                                      | 2.15 | 1.47 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,436 | 42.4     | 0.84                     | 0.67                                      | 1.58 | 1.26 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,460 | 19.1     | 0.93                     | 0.79                                      | 1.38 | 1.17 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,460 | 37.9     | 1.25                     | 0.98                                      | 1.64 | 1.28 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 5,417 | 65.5     | 0.88                     | 0.65                                      | 1.87 | 1.37 |
| Respondent served in military                                         | F3B01=1           | 5,423 | 0.8      | 0.13                     | 0.12                                      | 1.19 | 1.09 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 5,378 | 1.1      | 0.01                     | 0.00                                      | 1.61 | 1.27 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 5,374 | 1.3      | 0.01                     | 0.01                                      | 1.56 | 1.25 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,520 | 61.6     | 0.85                     | 0.65                                      | 1.69 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,997 | 1.4      | 0.01                     | 0.01                                      | 1.50 | 1.23 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.81 | 1.34 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.19 | 1.09 |
| Median                                                                |                   |       |          |                          |                                           | 1.70 | 1.31 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.80 | 1.67 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.36 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-79. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—American Indian or Alaska Native**

| Survey item (or composite variable)                                   | Variable          | N  | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 89 | 21.7     | 5.10                     | 4.39                                      | 1.35 | 1.16 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 89 | 71.1     | 5.65                     | 4.83                                      | 1.37 | 1.17 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 89 | 10.1     | 4.49                     | 3.21                                      | 1.95 | 1.40 |
| Ever attended a postsecondary school                                  | F3A11=1           | 89 | 69.0     | 6.99                     | 4.93                                      | 2.01 | 1.42 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 54 | 70.7     | 7.02                     | 6.25                                      | 1.26 | 1.12 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 87 | 19.1     | 5.13                     | 4.23                                      | 1.47 | 1.21 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 89 | 98.3     | 1.25                     | 1.39                                      | 0.81 | 0.90 |
| Current employer offers health insurance                              | F3B24=1           | 71 | 51.1     | 7.48                     | 5.97                                      | 1.57 | 1.25 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 61 | 4.3      | 3.12                     | 2.61                                      | 1.43 | 1.20 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 61 | 1.9      | 1.41                     | 1.78                                      | 0.63 | 0.79 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 61 | 1.8      | 1.21                     | 1.70                                      | 0.51 | 0.72 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 61 | 8.4      | 4.91                     | 3.59                                      | 1.88 | 1.37 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 61 | 0.4      | 0.44                     | 0.84                                      | 0.27 | 0.52 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 61 | 4.6      | 2.81                     | 2.72                                      | 1.07 | 1.03 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 55 | 14.4     | 3.99                     | 4.78                                      | 0.70 | 0.83 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 85 | 32.8     | 6.82                     | 5.12                                      | 1.77 | 1.33 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 85 | 29.8     | 7.21                     | 4.99                                      | 2.09 | 1.44 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 78 | 27.2     | 10.64                    | 11.99                                     | 0.79 | 0.89 |
| Number of siblings living with respondent                             | F3D15B=continuous | 78 | 40.7     | 11.93                    | 9.46                                      | 1.59 | 1.26 |
| Respondent performed community service in past 2 years                | F3D40=1           | 77 | 18.5     | 4.74                     | 4.46                                      | 1.13 | 1.06 |
| Volunteered with school/community organizations                       | F3D41E=1          | 18 | 24.9     | 12.78                    | 10.49                                     | 1.48 | 1.22 |
| Volunteered with church-related group                                 | F3D41D=1          | 18 | 41.3     | 12.51                    | 11.94                                     | 1.10 | 1.05 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 76 | 53.2     | 8.32                     | 5.76                                      | 2.08 | 1.44 |
| Respondent served in military                                         | F3B01=1           | 76 | 7.8      | 6.10                     | 3.09                                      | 3.89 | 1.97 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 77 | 1.1      | 0.03                     | 0.03                                      | 1.56 | 1.25 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 77 | 1.3      | 0.07                     | 0.06                                      | 1.31 | 1.14 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 79 | 53.2     | 7.97                     | 5.65                                      | 1.99 | 1.41 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 54 | 1.4      | 0.13                     | 0.09                                      | 1.81 | 1.34 |
| Summary statistics                                                    |                   |    |          |                          |                                           |      |      |
| Mean                                                                  |                   |    |          |                          |                                           | 1.46 | 1.18 |
| Minimum                                                               |                   |    |          |                          |                                           | 0.27 | 0.52 |
| Median                                                                |                   |    |          |                          |                                           | 1.45 | 1.20 |
| Maximum                                                               |                   |    |          |                          |                                           | 3.89 | 1.97 |
| Standard Deviation                                                    |                   |    |          |                          |                                           | 0.69 | 0.28 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-80. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Asian or Pacific Islander**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,127 | 8.4      | 1.29                     | 0.83                                      | 2.42 | 1.55 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,127 | 89.2     | 1.47                     | 0.93                                      | 2.51 | 1.58 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,127 | 3.3      | 0.81                     | 0.53                                      | 2.33 | 1.53 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,127 | 92.5     | 1.21                     | 0.78                                      | 2.38 | 1.54 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 961   | 57.4     | 2.21                     | 1.60                                      | 1.92 | 1.38 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,125 | 23.5     | 1.57                     | 1.26                                      | 1.53 | 1.24 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,126 | 94.7     | 0.80                     | 0.67                                      | 1.43 | 1.19 |
| Current employer offers health insurance                              | F3B24=1           | 885   | 68.8     | 1.87                     | 1.56                                      | 1.44 | 1.20 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 839   | 0.3      | 0.20                     | 0.18                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 839   | 14.8     | 1.46                     | 1.23                                      | 1.42 | 1.19 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 839   | 1.2      | 0.54                     | 0.38                                      | 2.01 | 1.42 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 839   | 11.3     | 1.35                     | 1.09                                      | 1.52 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 839   | 2.8      | 0.89                     | 0.57                                      | 2.48 | 1.57 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 839   | 5.4      | 0.87                     | 0.78                                      | 1.23 | 1.11 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 736   | 31.8     | 1.92                     | 1.72                                      | 1.24 | 1.11 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,109 | 62.9     | 2.25                     | 1.45                                      | 2.41 | 1.55 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,109 | 19.1     | 1.56                     | 1.18                                      | 1.75 | 1.32 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 981   | 30.6     | 3.81                     | 3.25                                      | 1.37 | 1.17 |
| Number of siblings living with respondent                             | F3D15B=continuous | 981   | 52.6     | 4.23                     | 3.24                                      | 1.71 | 1.31 |
| Respondent performed community service in past 2 years                | F3D40=1           | 997   | 43.4     | 2.23                     | 1.57                                      | 2.02 | 1.42 |
| Volunteered with school/community organizations                       | F3D41E=1          | 453   | 24.9     | 2.30                     | 2.03                                      | 1.27 | 1.13 |
| Volunteered with church-related group                                 | F3D41D=1          | 453   | 37.2     | 3.25                     | 2.27                                      | 2.05 | 1.43 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 992   | 48.4     | 2.30                     | 1.59                                      | 2.11 | 1.45 |
| Respondent served in military                                         | F3B01=1           | 990   | 0.5      | 0.22                     | 0.21                                      | 1.09 | 1.04 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 987   | 1.1      | 0.01                     | 0.01                                      | 1.37 | 1.17 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 983   | 1.3      | 0.02                     | 0.02                                      | 1.47 | 1.21 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,028 | 59.1     | 1.69                     | 1.53                                      | 1.21 | 1.10 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 961   | 1.4      | 0.03                     | 0.02                                      | 1.77 | 1.33 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.74 | 1.31 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.09 | 1.04 |
| Median                                                                |                   |       |          |                          |                                           | 1.62 | 1.27 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.51 | 1.58 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.46 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-81. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Black**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,339 | 19.9     | 1.68                     | 1.09                                      | 2.38 | 1.54 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,339 | 75.4     | 2.07                     | 1.18                                      | 3.10 | 1.76 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,339 | 6.7      | 1.09                     | 0.68                                      | 2.56 | 1.60 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,338 | 81.4     | 1.54                     | 1.06                                      | 2.09 | 1.44 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,001 | 64.3     | 1.95                     | 1.51                                      | 1.65 | 1.28 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,331 | 25.8     | 1.35                     | 1.20                                      | 1.26 | 1.12 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,338 | 97.0     | 0.66                     | 0.47                                      | 1.96 | 1.40 |
| Current employer offers health insurance                              | F3B24=1           | 1,050 | 70.4     | 1.80                     | 1.41                                      | 1.64 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,063 | 0.5      | 0.32                     | 0.22                                      | 2.12 | 1.46 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,063 | 13.8     | 1.29                     | 1.06                                      | 1.49 | 1.22 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,063 | 0.4      | 0.19                     | 0.20                                      | 0.86 | 0.93 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,063 | 7.4      | 0.99                     | 0.81                                      | 1.51 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,063 | 1.8      | 0.39                     | 0.41                                      | 0.93 | 0.96 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,063 | 7.6      | 1.03                     | 0.81                                      | 1.61 | 1.27 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 918   | 31.5     | 1.79                     | 1.53                                      | 1.36 | 1.17 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,317 | 61.1     | 1.72                     | 1.34                                      | 1.64 | 1.28 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,317 | 13.9     | 1.19                     | 0.95                                      | 1.56 | 1.25 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,135 | 20.8     | 2.99                     | 2.19                                      | 1.86 | 1.36 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,136 | 26.7     | 2.54                     | 1.93                                      | 1.74 | 1.32 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,149 | 40.0     | 1.79                     | 1.45                                      | 1.54 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 497   | 23.2     | 2.29                     | 1.90                                      | 1.45 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 497   | 47.7     | 2.92                     | 2.24                                      | 1.69 | 1.30 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,141 | 72.5     | 1.63                     | 1.32                                      | 1.53 | 1.23 |
| Respondent served in military                                         | F3B01=1           | 1,120 | 2.8      | 0.56                     | 0.50                                      | 1.28 | 1.13 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,132 | 1.1      | 0.01                     | 0.01                                      | 1.66 | 1.29 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,133 | 1.3      | 0.02                     | 0.02                                      | 1.83 | 1.35 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,172 | 60.0     | 1.90                     | 1.43                                      | 1.76 | 1.33 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 997   | 1.3      | 0.02                     | 0.02                                      | 1.40 | 1.18 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.69 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.86 | 0.93 |
| Median                                                                |                   |       |          |                          |                                           | 1.64 | 1.28 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.10 | 1.76 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.46 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-82. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Hispanic**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,558 | 20.3     | 1.57                     | 1.02                                      | 2.36 | 1.54 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,558 | 73.4     | 1.78                     | 1.12                                      | 2.53 | 1.59 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,558 | 7.5      | 1.27                     | 0.67                                      | 3.61 | 1.90 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,557 | 79.7     | 1.32                     | 1.02                                      | 1.67 | 1.29 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,137 | 45.9     | 1.91                     | 1.48                                      | 1.68 | 1.29 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,554 | 24.1     | 1.38                     | 1.09                                      | 1.60 | 1.27 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,558 | 96.5     | 0.52                     | 0.46                                      | 1.23 | 1.11 |
| Current employer offers health insurance                              | F3B24=1           | 1,219 | 64.3     | 1.77                     | 1.37                                      | 1.65 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,177 | 1.0      | 0.36                     | 0.29                                      | 1.52 | 1.23 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,177 | 12.2     | 1.25                     | 0.95                                      | 1.73 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,177 | 1.1      | 0.37                     | 0.31                                      | 1.42 | 1.19 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,177 | 7.0      | 0.89                     | 0.75                                      | 1.41 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,177 | 2.2      | 0.48                     | 0.43                                      | 1.25 | 1.12 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,177 | 7.9      | 0.93                     | 0.79                                      | 1.41 | 1.19 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,020 | 28.4     | 1.81                     | 1.41                                      | 1.64 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,538 | 44.4     | 1.78                     | 1.27                                      | 1.98 | 1.41 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,538 | 28.2     | 1.57                     | 1.15                                      | 1.88 | 1.37 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,346 | 23.5     | 2.54                     | 2.36                                      | 1.16 | 1.08 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,349 | 41.8     | 3.48                     | 2.35                                      | 2.20 | 1.48 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,357 | 29.8     | 1.50                     | 1.24                                      | 1.46 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 443   | 17.7     | 1.99                     | 1.81                                      | 1.20 | 1.10 |
| Volunteered with church-related group                                 | F3D41D=1          | 443   | 40.9     | 2.87                     | 2.34                                      | 1.50 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,352 | 47.5     | 1.61                     | 1.36                                      | 1.40 | 1.19 |
| Respondent served in military                                         | F3B01=1           | 1,330 | 1.6      | 0.41                     | 0.35                                      | 1.42 | 1.19 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,341 | 1.1      | 0.01                     | 0.01                                      | 1.34 | 1.16 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,337 | 1.4      | 0.02                     | 0.02                                      | 1.52 | 1.23 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,388 | 62.4     | 1.62                     | 1.30                                      | 1.56 | 1.25 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,135 | 1.4      | 0.02                     | 0.02                                      | 1.86 | 1.36 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.69 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.16 | 1.08 |
| Median                                                                |                   |       |          |                          |                                           | 1.54 | 1.24 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.61 | 1.90 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.50 | 0.17 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-83. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—White and all other races**

| Survey item (or composite variable)                                   | Variable          | N   | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-----|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 509 | 16.4     | 2.44                     | 1.64                                      | 2.20 | 1.48 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 509 | 77.8     | 2.65                     | 1.84                                      | 2.06 | 1.44 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 509 | 9.0      | 1.86                     | 1.27                                      | 2.13 | 1.46 |
| Ever attended a postsecondary school                                  | F3A11=1           | 508 | 78.5     | 2.10                     | 1.82                                      | 1.32 | 1.15 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 395 | 54.2     | 3.42                     | 2.51                                      | 1.85 | 1.36 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 508 | 23.0     | 2.51                     | 1.87                                      | 1.81 | 1.34 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 509 | 96.7     | 1.11                     | 0.79                                      | 2.00 | 1.41 |
| Current employer offers health insurance                              | F3B24=1           | 424 | 67.5     | 3.16                     | 2.28                                      | 1.92 | 1.39 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 375 | 0.6      | 0.65                     | 0.42                                      | 2.43 | 1.56 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 375 | 16.2     | 2.83                     | 1.90                                      | 2.21 | 1.49 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 375 | 2.5      | 1.03                     | 0.81                                      | 1.65 | 1.28 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 375 | 8.2      | 1.80                     | 1.42                                      | 1.61 | 1.27 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 375 | 1.3      | 0.61                     | 0.58                                      | 1.11 | 1.05 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 375 | 6.1      | 1.31                     | 1.23                                      | 1.13 | 1.06 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 342 | 31.5     | 3.21                     | 2.52                                      | 1.63 | 1.28 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 502 | 50.5     | 2.75                     | 2.23                                      | 1.52 | 1.23 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 502 | 23.6     | 2.45                     | 1.90                                      | 1.67 | 1.29 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 460 | 30.6     | 5.63                     | 3.77                                      | 2.23 | 1.49 |
| Number of siblings living with respondent                             | F3D15B=continuous | 459 | 24.5     | 3.69                     | 2.70                                      | 1.88 | 1.37 |
| Respondent performed community service in past 2 years                | F3D40=1           | 460 | 36.5     | 2.89                     | 2.25                                      | 1.66 | 1.29 |
| Volunteered with school/community organizations                       | F3D41E=1          | 190 | 23.2     | 4.06                     | 3.07                                      | 1.75 | 1.32 |
| Volunteered with church-related group                                 | F3D41D=1          | 190 | 37.3     | 4.65                     | 3.52                                      | 1.75 | 1.32 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 459 | 56.6     | 3.16                     | 2.32                                      | 1.86 | 1.36 |
| Respondent served in military                                         | F3B01=1           | 441 | 3.2      | 0.96                     | 0.83                                      | 1.33 | 1.15 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 458 | 1.1      | 0.02                     | 0.02                                      | 1.51 | 1.23 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 455 | 1.4      | 0.05                     | 0.03                                      | 2.01 | 1.42 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 468 | 60.1     | 3.03                     | 2.27                                      | 1.78 | 1.34 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 394 | 1.5      | 0.05                     | 0.03                                      | 2.09 | 1.45 |
| Summary statistics                                                    |                   |     |          |                          |                                           |      |      |
| Mean                                                                  |                   |     |          |                          |                                           | 1.79 | 1.33 |
| Minimum                                                               |                   |     |          |                          |                                           | 1.11 | 1.05 |
| Median                                                                |                   |     |          |                          |                                           | 1.79 | 1.34 |
| Maximum                                                               |                   |     |          |                          |                                           | 2.43 | 1.56 |
| Standard Deviation                                                    |                   |     |          |                          |                                           | 0.33 | 0.13 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-84. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—More than one race**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 6,652 | 8.1      | 0.47                     | 0.33                                      | 2.00 | 1.41 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 6,652 | 89.6     | 0.57                     | 0.37                                      | 2.29 | 1.51 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 6,652 | 4.4      | 0.36                     | 0.25                                      | 2.07 | 1.44 |
| Ever attended a postsecondary school                                  | F3A11=1           | 6,651 | 86.9     | 0.56                     | 0.41                                      | 1.86 | 1.36 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 5,569 | 55.0     | 0.91                     | 0.67                                      | 1.86 | 1.37 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 6,649 | 23.1     | 0.66                     | 0.52                                      | 1.62 | 1.27 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 6,651 | 98.7     | 0.17                     | 0.14                                      | 1.50 | 1.22 |
| Current employer offers health insurance                              | F3B24=1           | 5,763 | 74.9     | 0.75                     | 0.57                                      | 1.74 | 1.32 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 5,044 | 0.6      | 0.16                     | 0.11                                      | 2.25 | 1.50 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 5,044 | 15.1     | 0.65                     | 0.50                                      | 1.65 | 1.28 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 5,044 | 1.3      | 0.23                     | 0.16                                      | 2.03 | 1.42 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 5,044 | 7.1      | 0.44                     | 0.36                                      | 1.48 | 1.22 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 5,044 | 3.2      | 0.30                     | 0.25                                      | 1.50 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 5,044 | 10.0     | 0.46                     | 0.42                                      | 1.21 | 1.10 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 4,582 | 32.1     | 0.85                     | 0.69                                      | 1.53 | 1.24 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 6,593 | 42.1     | 0.84                     | 0.61                                      | 1.91 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 6,593 | 32.1     | 0.80                     | 0.58                                      | 1.93 | 1.39 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 6,098 | 27.8     | 1.42                     | 1.19                                      | 1.41 | 1.19 |
| Number of siblings living with respondent                             | F3D15B=continuous | 6,104 | 15.8     | 0.97                     | 0.64                                      | 2.28 | 1.51 |
| Respondent performed community service in past 2 years                | F3D40=1           | 6,133 | 41.5     | 0.78                     | 0.63                                      | 1.53 | 1.24 |
| Volunteered with school/community organizations                       | F3D41E=1          | 2,688 | 18.5     | 0.80                     | 0.75                                      | 1.13 | 1.06 |
| Volunteered with church-related group                                 | F3D41D=1          | 2,688 | 35.2     | 1.18                     | 0.92                                      | 1.65 | 1.29 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 6,123 | 64.2     | 0.79                     | 0.61                                      | 1.67 | 1.29 |
| Respondent served in military                                         | F3B01=1           | 5,999 | 2.2      | 0.25                     | 0.19                                      | 1.70 | 1.30 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 6,090 | 1.1      | 0.00                     | 0.00                                      | 1.42 | 1.19 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 6,088 | 1.3      | 0.01                     | 0.01                                      | 1.70 | 1.30 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 6,215 | 70.8     | 0.71                     | 0.58                                      | 1.50 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 5,566 | 1.5      | 0.01                     | 0.01                                      | 1.67 | 1.29 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.72 | 1.31 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.13 | 1.06 |
| Median                                                                |                   |       |          |                          |                                           | 1.67 | 1.29 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.29 | 1.51 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.30 | 0.11 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-85. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Public schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 8,624 | 13.0     | 0.57                     | 0.36                                      | 2.47 | 1.57 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 8,624 | 83.3     | 0.72                     | 0.40                                      | 3.25 | 1.80 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 8,624 | 5.8      | 0.41                     | 0.25                                      | 2.71 | 1.65 |
| Ever attended a postsecondary school                                  | F3A11=1           | 8,620 | 83.7     | 0.55                     | 0.40                                      | 1.94 | 1.39 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 6,694 | 55.5     | 0.81                     | 0.61                                      | 1.77 | 1.33 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 8,607 | 23.6     | 0.53                     | 0.46                                      | 1.33 | 1.15 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 8,621 | 97.8     | 0.19                     | 0.16                                      | 1.45 | 1.20 |
| Current employer offers health insurance                              | F3B24=1           | 7,131 | 71.8     | 0.69                     | 0.53                                      | 1.66 | 1.29 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 6,497 | 0.7      | 0.14                     | 0.10                                      | 1.83 | 1.35 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 6,497 | 14.1     | 0.53                     | 0.43                                      | 1.52 | 1.23 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 6,497 | 1.2      | 0.18                     | 0.13                                      | 1.74 | 1.32 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 6,497 | 7.3      | 0.39                     | 0.32                                      | 1.45 | 1.20 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 6,497 | 2.6      | 0.23                     | 0.20                                      | 1.33 | 1.15 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 6,497 | 8.9      | 0.40                     | 0.35                                      | 1.29 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 5,768 | 30.9     | 0.70                     | 0.61                                      | 1.34 | 1.16 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 8,525 | 45.6     | 0.74                     | 0.54                                      | 1.90 | 1.38 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 8,525 | 28.3     | 0.67                     | 0.49                                      | 1.90 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 7,665 | 25.7     | 1.08                     | 1.03                                      | 1.09 | 1.04 |
| Number of siblings living with respondent                             | F3D15B=continuous | 7,671 | 23.5     | 1.08                     | 0.72                                      | 2.22 | 1.49 |
| Respondent performed community service in past 2 years                | F3D40=1           | 7,721 | 38.2     | 0.67                     | 0.55                                      | 1.48 | 1.21 |
| Volunteered with school/community organizations                       | F3D41E=1          | 3,084 | 19.5     | 0.72                     | 0.71                                      | 1.02 | 1.01 |
| Volunteered with church-related group                                 | F3D41D=1          | 3,084 | 38.1     | 1.11                     | 0.87                                      | 1.61 | 1.27 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 7,696 | 60.7     | 0.74                     | 0.56                                      | 1.77 | 1.33 |
| Respondent served in military                                         | F3B01=1           | 7,536 | 2.3      | 0.21                     | 0.17                                      | 1.45 | 1.20 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 7,651 | 1.1      | 0.00                     | 0.00                                      | 1.29 | 1.14 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 7,638 | 1.4      | 0.01                     | 0.01                                      | 1.40 | 1.18 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 7,854 | 66.6     | 0.67                     | 0.53                                      | 1.60 | 1.27 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 6,690 | 1.5      | 0.01                     | 0.01                                      | 1.43 | 1.19 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.69 | 1.29 |
| Minimum                                                               |                   |       |          |                          |                                           | 1.02 | 1.01 |
| Median                                                                |                   |       |          |                          |                                           | 1.56 | 1.25 |
| Maximum                                                               |                   |       |          |                          |                                           | 3.25 | 1.80 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.49 | 0.18 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-86. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Catholic schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,586 | 1.9      | 0.44                     | 0.35                                      | 1.60 | 1.27 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,586 | 98.0     | 0.49                     | 0.35                                      | 1.92 | 1.39 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,586 | 1.1      | 0.34                     | 0.26                                      | 1.70 | 1.30 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,586 | 98.0     | 0.42                     | 0.35                                      | 1.44 | 1.20 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,451 | 51.6     | 1.76                     | 1.31                                      | 1.79 | 1.34 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,584 | 25.3     | 1.19                     | 1.09                                      | 1.18 | 1.09 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,586 | 98.5     | 0.45                     | 0.31                                      | 2.17 | 1.47 |
| Current employer offers health insurance                              | F3B24=1           | 1,375 | 77.4     | 1.25                     | 1.13                                      | 1.24 | 1.11 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,246 | 0.1      | 0.09                     | 0.09                                      | 0.84 | 0.91 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,246 | 17.7     | 1.85                     | 1.08                                      | 2.92 | 1.71 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,246 | 0.9      | 0.31                     | 0.26                                      | 1.45 | 1.21 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,246 | 9.4      | 0.99                     | 0.83                                      | 1.43 | 1.19 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,246 | 4.1      | 0.72                     | 0.56                                      | 1.64 | 1.28 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,246 | 9.0      | 0.92                     | 0.81                                      | 1.30 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,131 | 37.2     | 1.45                     | 1.44                                      | 1.02 | 1.01 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,570 | 57.5     | 1.56                     | 1.25                                      | 1.56 | 1.25 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,570 | 19.4     | 1.25                     | 1.00                                      | 1.56 | 1.25 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,442 | 34.2     | 3.44                     | 2.18                                      | 2.50 | 1.58 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,445 | 23.3     | 2.07                     | 1.56                                      | 1.76 | 1.33 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,458 | 46.4     | 1.37                     | 1.31                                      | 1.10 | 1.05 |
| Volunteered with school/community organizations                       | F3D41E=1          | 676   | 21.3     | 1.96                     | 1.58                                      | 1.54 | 1.24 |
| Volunteered with church-related group                                 | F3D41D=1          | 676   | 26.6     | 2.08                     | 1.70                                      | 1.50 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,454 | 73.0     | 1.47                     | 1.16                                      | 1.60 | 1.26 |
| Respondent served in military                                         | F3B01=1           | 1,437 | 1.0      | 0.32                     | 0.26                                      | 1.47 | 1.21 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,445 | 1.1      | 0.01                     | 0.01                                      | 1.50 | 1.22 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,445 | 1.2      | 0.01                     | 0.01                                      | 0.72 | 0.85 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,479 | 74.6     | 1.06                     | 1.13                                      | 0.88 | 0.94 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,444 | 1.4      | 0.02                     | 0.02                                      | 1.33 | 1.15 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 1.52 | 1.22 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.72 | 0.85 |
| Median                                                                |                   |       |          |                          |                                           | 1.50 | 1.22 |
| Maximum                                                               |                   |       |          |                          |                                           | 2.92 | 1.71 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 0.47 | 0.19 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-87. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Other Private schools**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design<br>standard error | Simple random<br>sample<br>standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|--------------------------|-------------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 1,064 | 5.3      | 1.37                     | 0.69                                      | 3.94 | 1.98 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 1,064 | 92.5     | 1.95                     | 0.81                                      | 5.76 | 2.40 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 1,064 | 2.7      | 1.02                     | 0.50                                      | 4.13 | 2.03 |
| Ever attended a postsecondary school                                  | F3A11=1           | 1,064 | 95.4     | 1.28                     | 0.65                                      | 3.94 | 1.98 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 972   | 51.3     | 2.25                     | 1.60                                      | 1.96 | 1.40 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 1,063 | 23.1     | 2.00                     | 1.29                                      | 2.40 | 1.55 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 1,064 | 97.7     | 0.64                     | 0.46                                      | 1.96 | 1.40 |
| Current employer offers health insurance                              | F3B24=1           | 906   | 69.3     | 2.06                     | 1.53                                      | 1.80 | 1.34 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 816   | 0.3      | 0.27                     | 0.20                                      | 1.84 | 1.36 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 816   | 14.7     | 1.38                     | 1.24                                      | 1.24 | 1.11 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 816   | 1.5      | 0.52                     | 0.42                                      | 1.51 | 1.23 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 816   | 7.2      | 1.57                     | 0.91                                      | 3.00 | 1.73 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 816   | 2.9      | 0.58                     | 0.59                                      | 0.97 | 0.98 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 816   | 10.4     | 1.36                     | 1.07                                      | 1.63 | 1.27 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 754   | 33.3     | 2.55                     | 1.72                                      | 2.21 | 1.49 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 1,049 | 50.5     | 2.78                     | 1.54                                      | 3.24 | 1.80 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 1,049 | 31.4     | 2.87                     | 1.43                                      | 4.00 | 2.00 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 991   | 36.1     | 3.92                     | 2.59                                      | 2.29 | 1.51 |
| Number of siblings living with respondent                             | F3D15B=continuous | 991   | 21.3     | 3.71                     | 2.19                                      | 2.87 | 1.69 |
| Respondent performed community service in past 2 years                | F3D40=1           | 994   | 54.3     | 2.72                     | 1.58                                      | 2.97 | 1.72 |
| Volunteered with school/community organizations                       | F3D41E=1          | 529   | 19.4     | 1.81                     | 1.72                                      | 1.10 | 1.05 |
| Volunteered with church-related group                                 | F3D41D=1          | 529   | 44.8     | 4.45                     | 2.16                                      | 4.22 | 2.05 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 993   | 73.0     | 2.47                     | 1.41                                      | 3.07 | 1.75 |
| Respondent served in military                                         | F3B01=1           | 983   | 1.9      | 0.69                     | 0.44                                      | 2.49 | 1.58 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 989   | 1.1      | 0.01                     | 0.01                                      | 2.18 | 1.48 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 990   | 1.2      | 0.03                     | 0.02                                      | 2.28 | 1.51 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 1,017 | 63.9     | 2.58                     | 1.51                                      | 2.93 | 1.71 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 973   | 1.5      | 0.03                     | 0.02                                      | 1.88 | 1.37 |
| Summary statistics                                                    |                   |       |          |                          |                                           |      |      |
| Mean                                                                  |                   |       |          |                          |                                           | 2.64 | 1.59 |
| Minimum                                                               |                   |       |          |                          |                                           | 0.97 | 0.98 |
| Median                                                                |                   |       |          |                          |                                           | 2.35 | 1.53 |
| Maximum                                                               |                   |       |          |                          |                                           | 5.76 | 2.40 |
| Standard Deviation                                                    |                   |       |          |                          |                                           | 1.12 | 0.34 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-88. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Low percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design standard error | Simple random sample standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|-----------------------|-------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 2,314 | 28.7     | 1.31                  | 0.94                                | 1.94 | 1.39 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 2,314 | 64.0     | 1.39                  | 1.00                                | 1.94 | 1.39 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 2,314 | 11.5     | 0.88                  | 0.66                                | 1.77 | 1.33 |
| Ever attended a postsecondary school                                  | F3A11=1           | 2,313 | 50.1     | 1.26                  | 1.04                                | 1.48 | 1.22 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 1,106 | 48.5     | 1.97                  | 1.50                                | 1.72 | 1.31 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 2,309 | 18.8     | 0.95                  | 0.81                                | 1.37 | 1.17 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 2,314 | 97.0     | 0.44                  | 0.36                                | 1.55 | 1.24 |
| Current employer offers health insurance                              | F3B24=1           | 1,790 | 54.8     | 1.43                  | 1.18                                | 1.48 | 1.22 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 1,511 | 2.3      | 0.54                  | 0.39                                | 1.95 | 1.40 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 1,511 | 10.3     | 1.15                  | 0.78                                | 2.17 | 1.47 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 1,511 | 0.6      | 0.22                  | 0.20                                | 1.22 | 1.11 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 1,511 | 4.1      | 0.64                  | 0.51                                | 1.57 | 1.25 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 1,511 | 3.7      | 0.55                  | 0.49                                | 1.29 | 1.13 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 1,511 | 4.3      | 0.59                  | 0.52                                | 1.30 | 1.14 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 1,292 | 21.3     | 1.33                  | 1.14                                | 1.36 | 1.17 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 2,269 | 46.4     | 1.30                  | 1.05                                | 1.53 | 1.24 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 2,269 | 23.4     | 1.10                  | 0.89                                | 1.53 | 1.24 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 1,958 | 24.0     | 2.59                  | 2.43                                | 1.13 | 1.06 |
| Number of siblings living with respondent                             | F3D15B=continuous | 1,961 | 30.3     | 2.00                  | 1.61                                | 1.54 | 1.24 |
| Respondent performed community service in past 2 years                | F3D40=1           | 1,978 | 26.2     | 1.17                  | 0.99                                | 1.40 | 1.18 |
| Volunteered with school/community organizations                       | F3D41E=1          | 538   | 14.3     | 1.61                  | 1.51                                | 1.13 | 1.06 |
| Volunteered with church-related group                                 | F3D41D=1          | 538   | 43.0     | 2.63                  | 2.14                                | 1.52 | 1.23 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 1,973 | 45.5     | 1.32                  | 1.12                                | 1.39 | 1.18 |
| Respondent served in military                                         | F3B01=1           | 1,998 | 3.3      | 0.49                  | 0.40                                | 1.50 | 1.23 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 1,955 | 1.1      | 0.01                  | 0.01                                | 1.23 | 1.11 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 1,947 | 1.4      | 0.02                  | 0.01                                | 1.49 | 1.22 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 2,036 | 48.7     | 1.36                  | 1.11                                | 1.50 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 1,107 | 1.6      | 0.03                  | 0.02                                | 1.65 | 1.29 |
| Summary statistics                                                    |                   |       |          |                       |                                     |      |      |
| Mean                                                                  |                   |       |          |                       |                                     | 1.52 | 1.23 |
| Minimum                                                               |                   |       |          |                       |                                     | 1.13 | 1.06 |
| Median                                                                |                   |       |          |                       |                                     | 1.50 | 1.23 |
| Maximum                                                               |                   |       |          |                       |                                     | 2.17 | 1.47 |
| Standard Deviation                                                    |                   |       |          |                       |                                     | 0.26 | 0.10 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-89. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—Middle percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design standard error | Simple random sample standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|-----------------------|-------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 5,563 | 9.6      | 0.59                  | 0.39                                | 2.21 | 1.49 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 5,563 | 87.5     | 0.71                  | 0.44                                | 2.60 | 1.61 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 5,563 | 4.8      | 0.45                  | 0.29                                | 2.43 | 1.56 |
| Ever attended a postsecondary school                                  | F3A11=1           | 5,560 | 94.1     | 0.39                  | 0.32                                | 1.52 | 1.23 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 4,792 | 49.4     | 0.91                  | 0.72                                | 1.60 | 1.26 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 5,548 | 29.1     | 0.73                  | 0.61                                | 1.44 | 1.20 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 5,560 | 97.3     | 0.28                  | 0.22                                | 1.64 | 1.28 |
| Current employer offers health insurance                              | F3B24=1           | 4,541 | 72.9     | 0.85                  | 0.66                                | 1.64 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 4,210 | 0.3      | 0.10                  | 0.09                                | 1.27 | 1.13 |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 4,210 | 15.1     | 0.76                  | 0.55                                | 1.89 | 1.37 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 4,210 | 1.4      | 0.24                  | 0.18                                | 1.72 | 1.31 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 4,210 | 8.6      | 0.52                  | 0.43                                | 1.45 | 1.21 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 4,210 | 3.3      | 0.34                  | 0.27                                | 1.49 | 1.22 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 4,210 | 6.8      | 0.48                  | 0.39                                | 1.52 | 1.23 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 3,722 | 32.1     | 0.84                  | 0.77                                | 1.19 | 1.09 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 5,510 | 46.3     | 0.95                  | 0.67                                | 2.02 | 1.42 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 5,510 | 28.4     | 0.80                  | 0.61                                | 1.75 | 1.32 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 4,967 | 26.3     | 1.39                  | 1.09                                | 1.63 | 1.27 |
| Number of siblings living with respondent                             | F3D15B=continuous | 4,970 | 24.5     | 1.31                  | 0.94                                | 1.94 | 1.39 |
| Respondent performed community service in past 2 years                | F3D40=1           | 5,000 | 37.1     | 0.89                  | 0.68                                | 1.71 | 1.31 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,958 | 19.2     | 1.07                  | 0.89                                | 1.46 | 1.21 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,958 | 37.6     | 1.44                  | 1.09                                | 1.74 | 1.32 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 4,984 | 62.2     | 1.00                  | 0.69                                | 2.11 | 1.45 |
| Respondent served in military                                         | F3B01=1           | 4,815 | 2.6      | 0.29                  | 0.23                                | 1.60 | 1.27 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 4,956 | 1.1      | 0.01                  | 0.00                                | 1.54 | 1.24 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 4,952 | 1.4      | 0.01                  | 0.01                                | 1.64 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 5,076 | 68.7     | 0.79                  | 0.65                                | 1.49 | 1.22 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 4,780 | 1.5      | 0.01                  | 0.01                                | 1.61 | 1.27 |
| Summary statistics                                                    |                   |       |          |                       |                                     |      |      |
| Mean                                                                  |                   |       |          |                       |                                     | 1.71 | 1.30 |
| Minimum                                                               |                   |       |          |                       |                                     | 1.19 | 1.09 |
| Median                                                                |                   |       |          |                       |                                     | 1.63 | 1.28 |
| Maximum                                                               |                   |       |          |                       |                                     | 2.60 | 1.61 |
| Standard Deviation                                                    |                   |       |          |                       |                                     | 0.32 | 0.12 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

**Table G-90. Student design effects, by item, using first follow-up to third follow-up transcript panel weight—High percentile SES students**

| Survey item (or composite variable)                                   | Variable          | N     | Estimate | Design standard error | Simple random sample standard error | DEFF | DEFT |
|-----------------------------------------------------------------------|-------------------|-------|----------|-----------------------|-------------------------------------|------|------|
| Ever dropped out                                                      | F3EVERDO=1        | 3,397 | 1.4      | 0.37                  | 0.20                                | 3.25 | 1.80 |
| Fall 2003–Summer 2004 high school graduate                            | F3HSSTAT=1        | 3,397 | 97.6     | 0.42                  | 0.26                                | 2.52 | 1.59 |
| Received GED or other equivalency                                     | F3HSSTAT=6        | 3,397 | 0.8      | 0.27                  | 0.15                                | 3.28 | 1.81 |
| Ever attended a postsecondary school                                  | F3A11=1           | 3,397 | 100.0    | 0.01                  | 0.02                                | 0.35 | 0.59 |
| Postsecondary education paid with grants/scholarships                 | F3A23=1           | 3,219 | 68.0     | 1.11                  | 0.82                                | 1.82 | 1.35 |
| Expect to finish college, but not advance degree                      | F3STEXP=6         | 3,397 | 17.7     | 0.79                  | 0.66                                | 1.45 | 1.20 |
| Ever held a job since leaving high school                             | F3EVRJOB=1        | 3,397 | 99.7     | 0.09                  | 0.09                                | 0.91 | 0.95 |
| Current employer offers health insurance                              | F3B24=1           | 3,081 | 84.6     | 0.83                  | 0.65                                | 1.63 | 1.28 |
| At age 30 expects to have a job as a laborer                          | F3ONET2AGE30=37   | 2,838 | 0.0      | 0.00                  | .                                   | .    | .    |
| At age 30 expects to have a job as a manager                          | F3ONET2AGE30=11   | 2,838 | 16.1     | 0.90                  | 0.69                                | 1.70 | 1.31 |
| At age 30 expects to have a job in the military                       | F3ONET2AGE30=55   | 2,838 | 1.3      | 0.36                  | 0.21                                | 2.89 | 1.70 |
| At age 30 expects to have a professional job in Business or Financial | F3ONET2AGE30=13   | 2,838 | 7.6      | 0.61                  | 0.50                                | 1.50 | 1.23 |
| At age 30 expects to have a sales job                                 | F3ONET2AGE30=45   | 2,838 | 0.9      | 0.23                  | 0.18                                | 1.63 | 1.28 |
| At age 30 expects to have a job as a school teacher                   | F3ONET2AGE30=25   | 2,838 | 16.3     | 0.86                  | 0.69                                | 1.55 | 1.25 |
| College degree but not advanced degree needed for job at age 30       | F3C14=6           | 2,639 | 36.8     | 1.21                  | 0.94                                | 1.65 | 1.29 |
| Respondent's current marital status is single                         | F3MARRSTATUS=3    | 3,365 | 46.1     | 1.12                  | 0.86                                | 1.69 | 1.30 |
| Respondent's current marital status is married                        | F3MARRSTATUS=1    | 3,365 | 31.7     | 1.11                  | 0.80                                | 1.91 | 1.38 |
| Number of friends or roommates living with respondent                 | F3D15A=continuous | 3,173 | 28.6     | 1.84                  | 1.68                                | 1.20 | 1.10 |
| Number of siblings living with respondent                             | F3D15B=continuous | 3,176 | 15.3     | 1.21                  | 0.85                                | 2.01 | 1.42 |
| Respondent performed community service in past 2 years                | F3D40=1           | 3,195 | 54.4     | 1.06                  | 0.88                                | 1.44 | 1.20 |
| Volunteered with school/community organizations                       | F3D41E=1          | 1,793 | 22.4     | 1.17                  | 0.98                                | 1.41 | 1.19 |
| Volunteered with church-related group                                 | F3D41D=1          | 1,793 | 36.0     | 1.52                  | 1.13                                | 1.79 | 1.34 |
| Voted in 2008 Presidential election                                   | F3D38=1           | 3,186 | 75.1     | 0.95                  | 0.77                                | 1.53 | 1.24 |
| Respondent served in military                                         | F3B01=1           | 3,143 | 0.7      | 0.18                  | 0.15                                | 1.42 | 1.19 |
| Respondent's parent/guardian divorced in last 2 years                 | F3D44A=1          | 3,174 | 1.1      | 0.01                  | 0.00                                | 1.77 | 1.33 |
| Respondent's parent/guardian lost job in last 2 years                 | F3D44B=1          | 3,174 | 1.3      | 0.01                  | 0.01                                | 1.64 | 1.28 |
| Working for pay 35 or >35 hours per week                              | F3A03A=1          | 3,238 | 79.7     | 0.92                  | 0.71                                | 1.68 | 1.30 |
| Extent to Which PSE prepared for life: Work and career                | F3A15A=1          | 3,220 | 1.3      | 0.01                  | 0.01                                | 1.80 | 1.34 |
| Summary statistics                                                    |                   |       |          |                       |                                     |      |      |
| Mean                                                                  |                   |       |          |                       |                                     | 1.76 | 1.30 |
| Minimum                                                               |                   |       |          |                       |                                     | 0.35 | 0.59 |
| Median                                                                |                   |       |          |                       |                                     | 1.65 | 1.29 |
| Maximum                                                               |                   |       |          |                       |                                     | 3.28 | 1.81 |
| Standard Deviation                                                    |                   |       |          |                       |                                     | 0.62 | 0.24 |

NOTE: DEFF = design effect; DEFT = root design effect; N = sample size.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Restricted-Use Data File, 2012."

## **Appendix H. Unit Nonresponse**

---

*This page left intentionally blank.*

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Father's occupation    |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 132                                    | 39                                           | 0.75                 | 0.73         | 0.84            | -0.02                       | -2.45                      | -0.11                          | -13.23                              | 0.75                       | 0.75                              | #                           | -0.04                      |
| Clerical               | 311                                    | 63                                           | 2.47                 | 2.46         | 2.53            | -0.01                       | -0.44                      | -0.07                          | -2.61                               | 2.47                       | 2.47                              | #                           | -0.04                      |
| Craftsperson           | 1,675                                  | 334                                          | 13.94                | 13.51        | 16.09           | -0.42 <sup>1</sup>          | -3.04                      | -2.57 <sup>1</sup>             | -15.98                              | 13.94                      | 13.94                             | -0.01                       | -0.04                      |
| Farmer, farm manager   | 248                                    | 54                                           | 2.26                 | 2.25         | 2.34            | -0.02                       | -0.68                      | -0.09                          | -3.99                               | 2.26                       | 2.26                              | #                           | -0.04                      |
| Homemaker              | 309                                    | 97                                           | 2.69                 | 2.39         | 4.21            | -0.30 <sup>1</sup>          | -11.14                     | -1.82 <sup>1</sup>             | -43.25                              | 2.69                       | 2.69                              | #                           | -0.04                      |
| Laborer                | 1,323                                  | 315                                          | 10.67                | 10.23        | 12.92           | -0.44 <sup>1</sup>          | -4.15                      | -2.69 <sup>1</sup>             | -20.81                              | 10.67                      | 10.67                             | #                           | -0.04                      |
| Manager, administrator | 1,990                                  | 333                                          | 14.82                | 15.31        | 12.35           | 0.49 <sup>1</sup>           | 3.28                       | 2.96 <sup>1</sup>              | 23.96                               | 14.82                      | 14.82                             | -0.01                       | -0.04                      |
| Military               | 178                                    | 34                                           | 1.34                 | 1.39         | 1.05            | 0.06                        | 4.19                       | 0.34                           | 32.33                               | 1.34                       | 1.34                              | #                           | -0.04                      |
| Operative              | 1,477                                  | 339                                          | 12.29                | 11.88        | 14.35           | -0.41 <sup>1</sup>          | -3.30                      | -2.47 <sup>1</sup>             | -17.19                              | 12.29                      | 12.27                             | 0.02                        | 0.17                       |
| Professional A         | 1,472                                  | 209                                          | 9.85                 | 10.29        | 7.59            | 0.44 <sup>1</sup>           | 4.51                       | 2.70 <sup>1</sup>              | 35.57                               | 9.85                       | 9.84                              | 0.01                        | 0.09                       |
| Professional B         | 846                                    | 88                                           | 4.60                 | 4.91         | 3.03            | 0.31 <sup>1</sup>           | 6.72                       | 1.88 <sup>1</sup>              | 62.01                               | 4.60                       | 4.61                              | #                           | -0.04                      |
| Proprietor, owner      | 794                                    | 160                                          | 5.56                 | 5.48         | 5.94            | -0.08                       | -1.37                      | -0.46                          | -7.76                               | 5.56                       | 5.56                              | #                           | -0.04                      |
| Protective service     | 445                                    | 86                                           | 3.47                 | 3.52         | 3.24            | 0.05                        | 1.33                       | 0.28                           | 8.68                                | 3.47                       | 3.48                              | #                           | -0.04                      |
| Sales                  | 687                                    | 126                                          | 5.29                 | 5.43         | 4.59            | 0.14                        | 2.59                       | 0.83                           | 18.15                               | 5.29                       | 5.29                              | #                           | -0.04                      |
| School teacher         | 197                                    | 20                                           | 1.32                 | 1.44         | 0.76            | 0.11 <sup>1</sup>           | 8.38                       | 0.67 <sup>1</sup>              | 88.63                               | 1.32                       | 1.32                              | #                           | -0.04                      |
| Service                | 532                                    | 113                                          | 3.86                 | 3.82         | 4.08            | -0.04                       | -1.10                      | -0.26                          | -6.34                               | 3.86                       | 3.87                              | #                           | -0.04                      |
| Technical              | 634                                    | 102                                          | 4.81                 | 4.95         | 4.09            | 0.14                        | 2.97                       | 0.87                           | 21.22                               | 4.81                       | 4.81                              | #                           | -0.04                      |
| Mother's occupation    |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 489                                    | 115                                          | 3.24                 | 3.22         | 3.34            | -0.02                       | -0.63                      | -0.12                          | -3.69                               | 3.24                       | 3.24                              | #                           | -0.04                      |
| Clerical               | 2,149                                  | 371                                          | 16.70                | 16.81        | 16.15           | 0.11                        | 0.65                       | 0.66                           | 4.09                                | 16.70                      | 16.71                             | -0.01                       | -0.04                      |
| Craftsperson           | 291                                    | 60                                           | 2.39                 | 2.26         | 3.07            | -0.13                       | -5.59                      | -0.81                          | -26.46                              | 2.39                       | 2.39                              | #                           | -0.04                      |
| Farmer, farm manager   | 67                                     | 16                                           | 0.59                 | 0.55         | 0.78            | -0.04                       | -6.55                      | -0.23                          | -29.87                              | 0.59                       | 0.58                              | 0.01                        | 1.49                       |
| Homemaker              | 686                                    | 205                                          | 6.24                 | 5.79         | 8.47            | -0.44 <sup>1</sup>          | -7.07                      | -2.68 <sup>1</sup>             | -31.61                              | 6.24                       | 6.24                              | #                           | -0.04                      |
| Laborer                | 569                                    | 126                                          | 4.62                 | 4.43         | 5.60            | -0.19                       | -4.15                      | -1.17                          | -20.85                              | 4.62                       | 4.63                              | -0.01                       | -0.23                      |
| Manager, administrator | 1,423                                  | 261                                          | 10.45                | 10.51        | 10.15           | 0.06                        | 0.56                       | 0.36                           | 3.53                                | 10.45                      | 10.46                             | #                           | -0.04                      |
| Military               | 22                                     | 4                                            | 0.14                 | 0.15         | 0.12            | #                           | 2.47                       | 0.02                           | 17.16                               | 0.14                       | 0.14                              | #                           | 1.70                       |
| Operative              | 534                                    | 117                                          | 4.34                 | 4.30         | 4.57            | -0.04                       | -1.01                      | -0.27                          | -5.85                               | 4.34                       | 4.33                              | 0.01                        | 0.26                       |
| Professional A         | 1,957                                  | 284                                          | 13.35                | 13.98        | 10.14           | 0.63 <sup>1</sup>           | 4.73                       | 3.84 <sup>1</sup>              | 37.86                               | 13.35                      | 13.34                             | 0.01                        | 0.06                       |
| Professional B         | 538                                    | 76                                           | 3.43                 | 3.61         | 2.53            | 0.18 <sup>1</sup>           | 5.14                       | 1.07 <sup>1</sup>              | 42.22                               | 3.43                       | 3.42                              | 0.01                        | 0.32                       |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                                      | Before weight adjustment                        |                                                            |                      |                       |                          |                                |                               |                                   | After nonresponse weight adjustment |                                   |                                         |                                |                               |
|---------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------|-----------------------|--------------------------|--------------------------------|-------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|--------------------------------|-------------------------------|
|                                                               | Unweighted<br>respondents<br>(study<br>members) | Unweighted<br>nonre-<br>spondents<br>(nonstudy<br>members) | Means, base weighted |                       |                          | Respondents vs. full<br>sample |                               | Respondents vs.<br>nonrespondents |                                     | Means                             |                                         | Full sample vs.<br>respondents |                               |
|                                                               |                                                 |                                                            | Full<br>sample       | Re-<br>spond-<br>ents | Non-<br>respond-<br>ents | Estimated<br>bias <sup>2</sup> | Relative<br>bias <sup>3</sup> | Estimated<br>bias <sup>4</sup>    | Relative<br>bias <sup>3</sup>       | Full sample,<br>base-<br>weighted | Respondents,<br>nonresponse<br>adjusted | Estimated<br>bias <sup>5</sup> | Relative<br>bias <sup>3</sup> |
|                                                               |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| Mother's occupation—<br>Continued                             |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| Proprietor, owner                                             | 317                                             | 58                                                         | 2.27                 | 2.23                  | 2.47                     | -0.04                          | -1.75                         | -0.24                             | -9.77                               | 2.27                              | 2.27                                    | #                              | -0.04                         |
| Protective service                                            | 94                                              | 18                                                         | 0.66                 | 0.68                  | 0.57                     | 0.02                           | 2.75                          | 0.11                              | 19.43                               | 0.66                              | 0.66                                    | #                              | -0.41                         |
| Sales                                                         | 557                                             | 114                                                        | 4.38                 | 4.24                  | 5.04                     | -0.13                          | -3.00                         | -0.80                             | -15.84                              | 4.38                              | 4.38                                    | #                              | -0.04                         |
| School teacher                                                | 897                                             | 122                                                        | 6.31                 | 6.68                  | 4.44                     | 0.37 <sup>1</sup>              | 5.83                          | 2.24 <sup>1</sup>                 | 50.32                               | 6.31                              | 6.32                                    | #                              | -0.04                         |
| Service                                                       | 2,012                                           | 440                                                        | 15.98                | 15.69                 | 17.45                    | -0.29                          | -1.81                         | -1.76                             | -10.09                              | 15.98                             | 15.98                                   | -0.01                          | -0.04                         |
| Technical                                                     | 648                                             | 125                                                        | 4.91                 | 4.88                  | 5.09                     | -0.04                          | -0.72                         | -0.21                             | -4.21                               | 4.91                              | 4.91                                    | #                              | -0.04                         |
| English is the student's<br>native language                   |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| No                                                            | 2,208                                           | 531                                                        | 14.17                | 13.41                 | 18.00                    | -0.75 <sup>1</sup>             | -5.33                         | -4.58 <sup>1</sup>                | -25.48                              | 14.17                             | 14.16                                   | 0.01                           | 0.05                          |
| Yes                                                           | 11,042                                          | 1,981                                                      | 85.83                | 86.59                 | 82.00                    | 0.75 <sup>1</sup>              | 0.88                          | 4.58 <sup>1</sup>                 | 5.59                                | 85.83                             | 85.84                                   | -0.01                          | -0.01                         |
| Sophomore cohort<br>member                                    |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| No                                                            | 117                                             | 39                                                         | 1.21                 | 1.09                  | 1.83                     | -0.12                          | -10.03                        | -0.74                             | -40.38                              | 1.21                              | 1.21                                    | #                              | -0.04                         |
| Yes                                                           | 13,133                                          | 2,473                                                      | 98.79                | 98.91                 | 98.17                    | 0.12                           | 0.12                          | 0.74                              | 0.75                                | 98.79                             | 98.79                                   | #                              | #                             |
| Senior cohort member                                          |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| No                                                            | 1,598                                           | 519                                                        | 15.05                | 13.82                 | 21.31                    | -1.23 <sup>1</sup>             | -8.19                         | -7.49 <sup>1</sup>                | -35.14                              | 15.05                             | 15.06                                   | -0.01                          | -0.04                         |
| Yes                                                           | 11,652                                          | 1,993                                                      | 84.95                | 86.18                 | 78.69                    | 1.23 <sup>1</sup>              | 1.45                          | 7.49 <sup>1</sup>                 | 9.52                                | 84.95                             | 84.94                                   | 0.01                           | 0.01                          |
| Asian 10th grade<br>enrollment percent                        |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| Less than or equal to<br>2 percent                            | 5,170                                           | 932                                                        | 38.69                | 38.86                 | 37.83                    | 0.17                           | 0.44                          | 1.03                              | 2.72                                | 38.69                             | 38.71                                   | -0.01                          | -0.04                         |
| Greater than 2 percent                                        | 8,080                                           | 1,580                                                      | 61.31                | 61.14                 | 62.17                    | -0.17                          | -0.28                         | -1.03                             | -1.66                               | 61.31                             | 61.29                                   | 0.01                           | 0.02                          |
| Black or African American<br>10th grade<br>enrollment percent |                                                 |                                                            |                      |                       |                          |                                |                               |                                   |                                     |                                   |                                         |                                |                               |
| Less than or equal to<br>4 percent                            | 4,565                                           | 788                                                        | 34.44                | 34.89                 | 32.14                    | 0.45                           | 1.31                          | 2.75                              | 8.56                                | 34.44                             | 34.45                                   | -0.01                          | -0.04                         |
| Greater than 4 percent                                        | 8,685                                           | 1,724                                                      | 65.56                | 65.11                 | 67.86                    | -0.45                          | -0.69                         | -2.75                             | -4.05                               | 65.56                             | 65.55                                   | 0.01                           | 0.02                          |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Income              |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| \$1,000 or less     | 188                                    | 58                                           | 1.50                 | 1.33        | 2.35           | -0.17 <sup>1</sup>          | -11.22                     | -1.02 <sup>1</sup>             | -43.44                              | 1.50                       | 1.50                              | #                           | -0.04                      |
| \$1,001–\$5,000     | 237                                    | 59                                           | 1.86                 | 1.82        | 2.06           | -0.04                       | -2.07                      | -0.23                          | -11.40                              | 1.86                       | 1.86                              | #                           | -0.04                      |
| \$5,001–\$10,000    | 272                                    | 73                                           | 2.25                 | 2.10        | 3.03           | -0.15                       | -6.83                      | -0.93                          | -30.80                              | 2.25                       | 2.25                              | #                           | -0.04                      |
| \$10,001–\$15,000   | 534                                    | 140                                          | 4.35                 | 4.10        | 5.61           | -0.25 <sup>1</sup>          | -5.75                      | -1.52 <sup>1</sup>             | -27.04                              | 4.35                       | 4.35                              | #                           | -0.04                      |
| \$15,001–\$20,000   | 599                                    | 159                                          | 4.85                 | 4.57        | 6.30           | -0.28 <sup>1</sup>          | -5.87                      | -1.73 <sup>1</sup>             | -27.49                              | 4.85                       | 4.86                              | #                           | -0.04                      |
| \$20,001–\$25,000   | 772                                    | 192                                          | 6.48                 | 6.25        | 7.64           | -0.23                       | -3.54                      | -1.39                          | -18.24                              | 6.48                       | 6.48                              | #                           | -0.04                      |
| \$25,001–\$35,000   | 1,509                                  | 328                                          | 12.22                | 12.08       | 12.92          | -0.14                       | -1.14                      | -0.85                          | -6.55                               | 12.22                      | 12.22                             | #                           | -0.04                      |
| \$35,001–\$50,000   | 2,434                                  | 500                                          | 19.50                | 19.25       | 20.75          | -0.25                       | -1.26                      | -1.49                          | -7.20                               | 19.50                      | 19.50                             | -0.01                       | -0.04                      |
| \$50,001–\$75,000   | 2,769                                  | 467                                          | 21.06                | 21.49       | 18.90          | 0.43 <sup>1</sup>           | 2.02                       | 2.59 <sup>1</sup>              | 13.68                               | 21.06                      | 21.07                             | -0.01                       | -0.04                      |
| \$75,001–\$100,000  | 1,861                                  | 270                                          | 13.36                | 13.97       | 10.27          | 0.61 <sup>1</sup>           | 4.55                       | 3.70 <sup>1</sup>              | 35.99                               | 13.36                      | 13.34                             | 0.02                        | 0.15                       |
| \$100,001–\$200,000 | 1,563                                  | 203                                          | 9.94                 | 10.30       | 8.09           | 0.36 <sup>1</sup>           | 3.66                       | 2.21 <sup>1</sup>              | 27.36                               | 9.94                       | 9.93                              | 0.01                        | 0.09                       |
| \$200,001 or more   | 512                                    | 63                                           | 2.63                 | 2.75        | 2.07           | 0.11                        | 4.24                       | 0.68                           | 32.83                               | 2.63                       | 2.63                              | #                           | -0.04                      |
| Census region       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Northeast           | 2,369                                  | 509                                          | 18.06                | 17.72       | 19.80          | -0.34                       | -1.89                      | -2.08                          | -10.50                              | 18.06                      | 18.03                             | 0.03                        | 0.17                       |
| Midwest             | 3,398                                  | 562                                          | 24.19                | 24.42       | 23.02          | 0.23                        | 0.95                       | 1.40                           | 6.09                                | 24.19                      | 24.20                             | -0.01                       | -0.04                      |
| South               | 4,811                                  | 898                                          | 34.64                | 34.86       | 33.52          | 0.22                        | 0.64                       | 1.34                           | 4.01                                | 34.64                      | 34.66                             | -0.01                       | -0.04                      |
| West                | 2,672                                  | 543                                          | 23.10                | 22.99       | 23.66          | -0.11                       | -0.48                      | -0.67                          | -2.82                               | 23.10                      | 23.11                             | -0.01                       | -0.04                      |
| School sector       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Public              | 10,263                                 | 2,147                                        | 92.46                | 91.98       | 94.92          | -0.48 <sup>1</sup>          | -0.52                      | -2.94 <sup>1</sup>             | -3.10                               | 92.46                      | 92.46                             | #                           | #                          |
| Catholic            | 1,735                                  | 201                                          | 4.19                 | 4.50        | 2.63           | 0.31 <sup>1</sup>           | 7.35                       | 1.87 <sup>1</sup>              | 71.32                               | 4.19                       | 4.19                              | #                           | -0.04                      |
| Other private       | 1,252                                  | 164                                          | 3.35                 | 3.52        | 2.46           | 0.18 <sup>1</sup>           | 5.24                       | 1.06 <sup>1</sup>              | 43.33                               | 3.35                       | 3.35                              | #                           | -0.06                      |
| School urbanicity   |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Urban               | 4,535                                  | 811                                          | 30.20                | 30.34       | 29.45          | 0.15                        | 0.49                       | 0.90                           | 3.04                                | 30.20                      | 30.21                             | -0.01                       | -0.04                      |
| Suburban            | 6,327                                  | 1,232                                        | 50.11                | 49.91       | 51.10          | -0.20                       | -0.39                      | -1.19                          | -2.32                               | 50.11                      | 50.09                             | 0.02                        | 0.04                       |
| Rural               | 2,388                                  | 469                                          | 19.70                | 19.75       | 19.45          | 0.05                        | 0.24                       | 0.29                           | 1.50                                | 19.70                      | 19.71                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                              |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Minutes per class period     |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 3,140                                  | 600                                          | 18.59                | 18.35         | 19.83            | -0.24                       | -1.31                      | -1.48                          | -7.45                               | 18.59                      | 18.56                             | 0.03                        | 0.17                       |
| 46–50                        | 2,868                                  | 513                                          | 21.77                | 21.75         | 21.82            | -0.01                       | -0.05                      | -0.07                          | -0.33                               | 21.77                      | 21.77                             | -0.01                       | -0.04                      |
| 51–80                        | 3,513                                  | 682                                          | 28.94                | 29.09         | 28.17            | 0.15                        | 0.52                       | 0.92                           | 3.25                                | 28.94                      | 28.95                             | -0.01                       | -0.04                      |
| 81+                          | 3,729                                  | 717                                          | 30.71                | 30.81         | 30.18            | 0.10                        | 0.34                       | 0.63                           | 2.09                                | 30.71                      | 30.72                             | -0.01                       | -0.04                      |
| Class periods per day        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,862                                  | 725                                          | 31.67                | 31.87         | 30.70            | 0.19                        | 0.61                       | 1.17                           | 3.81                                | 31.67                      | 31.69                             | -0.01                       | -0.04                      |
| 5–6                          | 3,206                                  | 649                                          | 26.66                | 26.65         | 26.72            | -0.01                       | -0.05                      | -0.08                          | -0.28                               | 26.66                      | 26.67                             | -0.01                       | -0.04                      |
| 7                            | 3,622                                  | 655                                          | 24.81                | 24.75         | 25.13            | -0.06                       | -0.26                      | -0.39                          | -1.54                               | 24.81                      | 24.82                             | -0.01                       | -0.04                      |
| 8–9                          | 2,560                                  | 483                                          | 16.86                | 16.74         | 17.45            | -0.12                       | -0.69                      | -0.71                          | -4.05                               | 16.86                      | 16.83                             | 0.03                        | 0.19                       |
| Is the school coeducational? |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 12,548                                 | 2,429                                        | 98.04                | 97.90         | 98.77            | -0.14 <sup>1</sup>          | -0.15                      | -0.87 <sup>1</sup>             | -0.88                               | 98.04                      | 98.04                             | #                           | #                          |
| No, all-female school        | 336                                    | 30                                           | 0.95                 | 1.04          | 0.49             | 0.09 <sup>1</sup>           | 9.45                       | 0.54 <sup>1</sup>              | 110.34                              | 0.95                       | 0.95                              | #                           | -0.04                      |
| No, all-male school          | 366                                    | 53                                           | 1.01                 | 1.06          | 0.74             | 0.05 <sup>1</sup>           | 5.29                       | 0.32 <sup>1</sup>              | 44.00                               | 1.01                       | 1.01                              | #                           | -0.04                      |
| 10th-grade enrollment        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,585                                  | 454                                          | 12.43                | 12.42         | 12.48            | -0.01                       | -0.07                      | -0.05                          | -0.43                               | 12.43                      | 12.44                             | #                           | -0.04                      |
| 100–249                      | 3,415                                  | 607                                          | 22.11                | 22.21         | 21.58            | 0.10                        | 0.47                       | 0.63                           | 2.94                                | 22.11                      | 22.12                             | -0.01                       | -0.04                      |
| 250–499                      | 4,232                                  | 819                                          | 36.22                | 36.07         | 36.99            | -0.15                       | -0.42                      | -0.92                          | -2.49                               | 36.22                      | 36.19                             | 0.02                        | 0.07                       |
| 500+                         | 3,018                                  | 632                                          | 29.24                | 29.30         | 28.96            | 0.06                        | 0.19                       | 0.34                           | 1.18                                | 29.24                      | 29.26                             | -0.01                       | -0.04                      |
| Total enrollment             |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 3,124                                  | 561                                          | 17.49                | 17.41         | 17.86            | -0.07                       | -0.42                      | -0.45                          | -2.51                               | 17.49                      | 17.50                             | -0.01                       | -0.04                      |
| 601–1,200                    | 3,991                                  | 729                                          | 27.25                | 27.24         | 27.27            | #                           | -0.02                      | -0.03                          | -0.11                               | 27.25                      | 27.26                             | -0.01                       | -0.04                      |
| 1,201–1,800                  | 3,019                                  | 571                                          | 26.23                | 26.36         | 25.53            | 0.14                        | 0.53                       | 0.84                           | 3.28                                | 26.23                      | 26.20                             | 0.03                        | 0.11                       |
| Greater than 1,800           | 3,116                                  | 651                                          | 29.04                | 28.98         | 29.34            | -0.06                       | -0.20                      | -0.36                          | -1.23                               | 29.04                      | 29.05                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Mother and father                          | 8,105                                  | 1,288                                        | 57.62                | 59.17       | 49.73          | 1.55 <sup>1</sup>           | 2.70                       | 9.44 <sup>1</sup>              | 18.99                               | 57.62                      | 57.60                             | 0.02                        | 0.03                       |
| Mother and male guardian                   | 1,530                                  | 365                                          | 13.15                | 12.71       | 15.36          | -0.44 <sup>1</sup>          | -3.32                      | -2.65 <sup>1</sup>             | -17.25                              | 13.15                      | 13.15                             | -0.01                       | -0.04                      |
| Father and female guardian                 | 394                                    | 109                                          | 3.14                 | 2.85        | 4.60           | -0.29 <sup>1</sup>          | -9.21                      | -1.75 <sup>1</sup>             | -38.13                              | 3.14                       | 3.14                              | #                           | -0.04                      |
| Two guardians                              | 212                                    | 53                                           | 1.83                 | 1.68        | 2.60           | -0.15 <sup>1</sup>          | -8.32                      | -0.93 <sup>1</sup>             | -35.53                              | 1.83                       | 1.83                              | #                           | -0.04                      |
| Mother only                                | 2,296                                  | 518                                          | 18.36                | 17.96       | 20.36          | -0.39 <sup>1</sup>          | -2.15                      | -2.40 <sup>1</sup>             | -11.79                              | 18.36                      | 18.36                             | -0.01                       | -0.04                      |
| Father only                                | 372                                    | 93                                           | 3.21                 | 3.05        | 3.98           | -0.15                       | -4.73                      | -0.92                          | -23.18                              | 3.21                       | 3.21                              | #                           | -0.04                      |
| Female guardian only                       | 162                                    | 49                                           | 1.38                 | 1.21        | 2.20           | -0.16 <sup>1</sup>          | -11.88                     | -0.99 <sup>1</sup>             | -45.03                              | 1.38                       | 1.35                              | 0.02                        | 1.55                       |
| Male guardian only                         | 38                                     | 15                                           | 0.27                 | 0.25        | 0.40           | -0.03                       | -9.61                      | -0.16                          | -39.26                              | 0.27                       | 0.29                              | -0.02                       | -8.10                      |
| Lives with student less than half the year | 141                                    | 22                                           | 1.06                 | 1.12        | 0.76           | 0.06                        | 5.55                       | 0.36                           | 46.99                               | 1.06                       | 1.06                              | #                           | -0.04                      |
| Parent's highest level of education        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Did not finish high school                 | 775                                    | 212                                          | 6.54                 | 6.02        | 9.21           | -0.53 <sup>1</sup>          | -8.03                      | -3.19 <sup>1</sup>             | -34.65                              | 6.54                       | 6.55                              | #                           | -0.04                      |
| Graduated from high school or GED          | 2,503                                  | 660                                          | 21.41                | 20.16       | 27.78          | -1.25 <sup>1</sup>          | -5.86                      | -7.62 <sup>1</sup>             | -27.44                              | 21.41                      | 21.41                             | #                           | 0.02                       |
| Attended 2-year school, no degree          | 1,398                                  | 287                                          | 11.45                | 11.28       | 12.34          | -0.17                       | -1.52                      | -1.06                          | -8.56                               | 11.45                      | 11.46                             | #                           | -0.04                      |
| Graduated from 2-year school               | 1,362                                  | 258                                          | 11.13                | 11.06       | 11.51          | -0.07                       | -0.67                      | -0.45                          | -3.93                               | 11.13                      | 11.14                             | #                           | -0.04                      |
| Attended college, no 4-year degree         | 1,492                                  | 281                                          | 11.37                | 11.32       | 11.60          | -0.05                       | -0.40                      | -0.28                          | -2.40                               | 11.37                      | 11.36                             | 0.01                        | 0.08                       |
| Graduated from college                     | 3,051                                  | 516                                          | 21.79                | 22.42       | 18.59          | 0.63 <sup>1</sup>           | 2.89                       | 3.82 <sup>1</sup>              | 20.56                               | 21.79                      | 21.80                             | -0.01                       | -0.04                      |
| Completed Master's degree or equivalent    | 1,682                                  | 198                                          | 11.10                | 12.05       | 6.28           | 0.95 <sup>1</sup>           | 8.56                       | 5.78 <sup>1</sup>              | 92.05                               | 11.10                      | 11.09                             | 0.01                        | 0.08                       |
| Completed PhD, MD, other advanced degree   | 987                                    | 100                                          | 5.20                 | 5.69        | 2.69           | 0.49 <sup>1</sup>           | 9.50                       | 3.00 <sup>1</sup>              | 111.62                              | 5.20                       | 5.20                              | #                           | -0.04                      |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,978                                  | 789                                          | 25.10                | 23.40       | 33.77          | -1.71 <sup>1</sup>          | -6.80                      | -10.37 <sup>1</sup>            | -30.72                              | 25.10                      | 25.11                             | -0.01                       | -0.04                      |
| Second SES quarter                 | 3,107                                  | 641                                          | 25.48                | 25.25       | 26.63          | -0.23                       | -0.89                      | -1.38                          | -5.17                               | 25.48                      | 25.49                             | -0.01                       | -0.04                      |
| Third SES quarter                  | 3,223                                  | 612                                          | 24.74                | 24.90       | 23.90          | 0.17                        | 0.67                       | 1.01                           | 4.21                                | 24.74                      | 24.71                             | 0.03                        | 0.12                       |
| Highest SES quarter                | 3,942                                  | 470                                          | 24.68                | 26.45       | 15.70          | 1.77 <sup>1</sup>           | 7.16                       | 10.74 <sup>1</sup>             | 68.43                               | 24.68                      | 24.69                             | -0.01                       | -0.04                      |
| Student sex                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 6,271                                  | 1,493                                        | 49.59                | 47.56       | 59.94          | -2.04 <sup>1</sup>          | -4.11                      | -12.39 <sup>1</sup>            | -20.66                              | 49.59                      | 49.59                             | 0.01                        | 0.01                       |
| Female                             | 6,979                                  | 1,019                                        | 50.41                | 52.44       | 40.06          | 2.04 <sup>1</sup>           | 4.04                       | 12.39 <sup>1</sup>             | 30.92                               | 50.41                      | 50.41                             | -0.01                       | -0.01                      |
| Free or reduced-price lunch        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,450                                  | 310                                          | 7.93                 | 8.36        | 5.71           | 0.44 <sup>1</sup>           | 5.52                       | 2.66 <sup>1</sup>              | 46.57                               | 7.93                       | 7.93                              | #                           | -0.04                      |
| 1–10                               | 3,037                                  | 518                                          | 24.76                | 25.26       | 22.21          | 0.50 <sup>1</sup>           | 2.03                       | 3.05 <sup>1</sup>              | 13.72                               | 24.76                      | 24.73                             | 0.03                        | 0.12                       |
| 11–30                              | 3,972                                  | 781                                          | 36.11                | 36.27       | 35.32          | 0.16                        | 0.43                       | 0.95                           | 2.69                                | 36.11                      | 36.12                             | -0.01                       | -0.04                      |
| Greater than 30                    | 3,791                                  | 903                                          | 31.20                | 30.11       | 36.76          | -1.10 <sup>1</sup>          | -3.51                      | -6.66 <sup>1</sup>             | -18.11                              | 31.20                      | 31.21                             | -0.01                       | -0.04                      |
| Number of full-time teachers       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 3,453                                  | 610                                          | 17.98                | 17.99       | 17.90          | 0.01                        | 0.08                       | 0.09                           | 0.48                                | 17.98                      | 17.98                             | -0.01                       | -0.04                      |
| 41–70                              | 3,348                                  | 623                                          | 23.19                | 23.17       | 23.26          | -0.01                       | -0.06                      | -0.09                          | -0.37                               | 23.19                      | 23.19                             | -0.01                       | -0.04                      |
| 71–100                             | 3,397                                  | 668                                          | 30.47                | 30.64       | 29.65          | 0.16                        | 0.54                       | 0.99                           | 3.35                                | 30.47                      | 30.45                             | 0.03                        | 0.09                       |
| 101+                               | 3,052                                  | 611                                          | 28.36                | 28.20       | 29.19          | -0.16                       | -0.58                      | -0.99                          | -3.40                               | 28.36                      | 28.37                             | -0.01                       | -0.04                      |
| Number of grades within the school |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 10,101                                 | 1,949                                        | 79.81                | 79.55       | 81.18          | -0.27                       | -0.34                      | -1.64                          | -2.02                               | 79.81                      | 79.81                             | 0.01                        | 0.01                       |
| Less than or greater than 4        | 3,149                                  | 563                                          | 20.19                | 20.45       | 18.82          | 0.27                        | 1.33                       | 1.64                           | 8.70                                | 20.19                      | 20.19                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 887                                    | 130                                          | 4.90                 | 4.97        | 4.51           | 0.08                        | 1.56                       | 0.46                           | 10.27                               | 4.90                       | 4.90                              | #                           | -0.04                      |
| Middle grades but no elementary                                  | 1,373                                  | 266                                          | 7.48                 | 7.54        | 7.21           | 0.05                        | 0.73                       | 0.33                           | 4.60                                | 7.48                       | 7.49                              | #                           | -0.04                      |
| Only high school                                                 | 10,990                                 | 2,116                                        | 87.62                | 87.49       | 88.29          | -0.13                       | -0.15                      | -0.79                          | -0.90                               | 87.62                      | 87.62                             | #                           | 0.01                       |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 5,190                                  | 884                                          | 37.66                | 38.61       | 32.82          | 0.95 <sup>1</sup>           | 2.53                       | 5.78 <sup>1</sup>              | 17.62                               | 37.66                      | 37.63                             | 0.02                        | 0.06                       |
| Greater than 3 percent                                           | 8,060                                  | 1,628                                        | 62.34                | 61.39       | 67.18          | -0.95 <sup>1</sup>          | -1.53                      | -5.78 <sup>1</sup>             | -8.61                               | 62.34                      | 62.37                             | -0.02                       | -0.04                      |
| IEP percentage                                                   |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 5,269                                  | 806                                          | 26.06                | 26.61       | 23.30          | 0.54 <sup>1</sup>           | 2.09                       | 3.30 <sup>1</sup>              | 14.18                               | 26.06                      | 26.07                             | -0.01                       | -0.04                      |
| 6–10 percent                                                     | 3,336                                  | 728                                          | 33.07                | 32.84       | 34.21          | -0.22                       | -0.68                      | -1.36                          | -3.99                               | 33.07                      | 33.04                             | 0.03                        | 0.08                       |
| 11–15 percent                                                    | 2,942                                  | 579                                          | 26.83                | 26.74       | 27.30          | -0.09                       | -0.34                      | -0.56                          | -2.06                               | 26.83                      | 26.84                             | -0.01                       | -0.04                      |
| Greater than 15 percent                                          | 1,703                                  | 399                                          | 14.04                | 13.81       | 15.19          | -0.23                       | -1.62                      | -1.38                          | -9.08                               | 14.04                      | 14.04                             | -0.01                       | -0.04                      |
| LEP percentage                                                   |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0 percent                                                        | 5,795                                  | 953                                          | 33.76                | 34.20       | 31.51          | 0.44                        | 1.31                       | 2.69                           | 8.55                                | 33.76                      | 33.77                             | -0.01                       | -0.04                      |
| 1 percent                                                        | 2,649                                  | 486                                          | 23.24                | 23.60       | 21.44          | 0.36                        | 1.53                       | 2.16                           | 10.09                               | 23.24                      | 23.22                             | 0.03                        | 0.13                       |
| 2–5 percent                                                      | 2,202                                  | 453                                          | 18.75                | 18.74       | 18.77          | #                           | -0.03                      | -0.03                          | -0.16                               | 18.75                      | 18.76                             | -0.01                       | -0.04                      |
| Greater than 5 percent                                           | 2,604                                  | 620                                          | 24.25                | 23.45       | 28.28          | -0.79 <sup>1</sup>          | -3.28                      | -4.83 <sup>1</sup>             | -17.07                              | 24.25                      | 24.26                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-1a. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 6,479                                  | 1,399                                        | 51.37                | 50.63       | 55.12          | -0.74 <sup>1</sup>          | -1.44                      | -4.49 <sup>1</sup>             | -8.14                               | 51.37                      | 51.39                             | -0.02                       | -0.04                      |
| Greater than 80 percent                       | 6,771                                  | 1,113                                        | 48.63                | 49.37       | 44.88          | 0.74 <sup>1</sup>           | 1.52                       | 4.49 <sup>1</sup>              | 10.00                               | 48.63                      | 48.61                             | 0.02                        | 0.04                       |
| Number of part-time teachers                  |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 3,756                                  | 828                                          | 31.15                | 30.32       | 35.37          | -0.83 <sup>1</sup>          | -2.67                      | -5.05 <sup>1</sup>             | -14.27                              | 31.15                      | 31.17                             | -0.01                       | -0.04                      |
| 2–3                                           | 3,809                                  | 728                                          | 28.87                | 28.88       | 28.80          | 0.01                        | 0.05                       | 0.09                           | 0.30                                | 28.87                      | 28.88                             | -0.01                       | -0.04                      |
| 4–6                                           | 3,255                                  | 571                                          | 21.63                | 21.88       | 20.34          | 0.25                        | 1.17                       | 1.54                           | 7.57                                | 21.63                      | 21.63                             | -0.01                       | -0.04                      |
| 7+                                            | 2,430                                  | 385                                          | 18.35                | 18.92       | 15.49          | 0.56 <sup>1</sup>           | 3.07                       | 3.42 <sup>1</sup>              | 22.09                               | 18.35                      | 18.32                             | 0.03                        | 0.17                       |
| Full-time teachers certified                  |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 3,427                                  | 568                                          | 15.91                | 16.21       | 14.37          | 0.30 <sup>1</sup>           | 1.90                       | 1.84 <sup>1</sup>              | 12.78                               | 15.91                      | 15.91                             | -0.01                       | -0.04                      |
| 91–99 percent                                 | 2,348                                  | 462                                          | 20.37                | 20.29       | 20.82          | -0.09                       | -0.43                      | -0.53                          | -2.55                               | 20.37                      | 20.38                             | -0.01                       | -0.04                      |
| 100 percent                                   | 7,475                                  | 1,482                                        | 63.72                | 63.51       | 64.81          | -0.21                       | -0.34                      | -1.31                          | -2.01                               | 63.72                      | 63.71                             | 0.01                        | 0.02                       |
| Student race/ethnicity                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,885                                  | 465                                          | 16.17                | 15.25       | 20.86          | -0.92 <sup>1</sup>          | -5.71                      | -5.61 <sup>1</sup>             | -26.89                              | 16.17                      | 16.18                             | -0.01                       | -0.04                      |
| Asian                                         | 1,310                                  | 272                                          | 4.23                 | 4.24        | 4.18           | 0.01                        | 0.24                       | 0.06                           | 1.49                                | 4.23                       | 4.23                              | #                           | -0.04                      |
| Black or African American                     | 1,702                                  | 402                                          | 14.19                | 13.78       | 16.28          | -0.41 <sup>1</sup>          | -2.91                      | -2.51 <sup>1</sup>             | -15.39                              | 14.19                      | 14.18                             | 0.01                        | 0.05                       |
| All other races                               | 8,353                                  | 1,373                                        | 65.41                | 66.73       | 58.68          | 1.33 <sup>1</sup>           | 2.03                       | 8.05 <sup>1</sup>              | 13.72                               | 65.41                      | 65.41                             | #                           | #                          |
| Number of days in school year                 |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,460                                  | 636                                          | 24.47                | 24.24       | 25.63          | -0.23                       | -0.93                      | -1.39                          | -5.42                               | 24.47                      | 24.48                             | -0.01                       | -0.04                      |
| 180 days                                      | 7,366                                  | 1,378                                        | 56.93                | 57.25       | 55.30          | 0.32                        | 0.56                       | 1.95                           | 3.53                                | 56.93                      | 56.95                             | -0.02                       | -0.04                      |
| More than 180 days                            | 2,424                                  | 498                                          | 18.60                | 18.51       | 19.07          | -0.09                       | -0.50                      | -0.56                          | -2.96                               | 18.60                      | 18.57                             | 0.03                        | 0.17                       |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                    | Means                               |                                                                | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                        | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Father's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 0.75                                    | 0.75                                | 0.73                                                           | 0.02 <sup>1</sup>      | 0.02                   |
| Clerical               | 2.47                                    | 2.47                                | 2.45                                                           | 0.02                   | 0.02                   |
| Craftsperson           | 13.94                                   | 13.94                               | 13.92                                                          | 0.02                   | 0.02                   |
| Farmer, farm manager   | 2.26                                    | 2.26                                | 2.23                                                           | 0.03                   | 0.03                   |
| Homemaker              | 2.69                                    | 2.69                                | 2.68                                                           | 0.01                   | 0.01                   |
| Laborer                | 10.67                                   | 10.67                               | 10.65                                                          | 0.02                   | 0.02                   |
| Manager, administrator | 14.82                                   | 14.82                               | 14.85                                                          | -0.03                  | -0.03                  |
| Military               | 1.34                                    | 1.34                                | 1.34                                                           | #                      | #                      |
| Operative              | 12.27                                   | 12.29                               | 12.23                                                          | 0.04                   | 0.06                   |
| Professional A         | 9.84                                    | 9.85                                | 9.90                                                           | -0.06 <sup>1</sup>     | -0.05                  |
| Professional B         | 4.61                                    | 4.60                                | 4.66                                                           | -0.05 <sup>1</sup>     | -0.06                  |
| Proprietor, owner      | 5.56                                    | 5.56                                | 5.58                                                           | -0.02                  | -0.02                  |
| Protective service     | 3.48                                    | 3.47                                | 3.47                                                           | 0.01                   | #                      |
| Sales                  | 5.29                                    | 5.29                                | 5.28                                                           | 0.01                   | 0.01                   |
| School teacher         | 1.32                                    | 1.32                                | 1.34                                                           | -0.02                  | -0.02                  |
| Service                | 3.87                                    | 3.86                                | 3.88                                                           | -0.01                  | -0.02                  |
| Technical              | 4.81                                    | 4.81                                | 4.81                                                           | #                      | #                      |
| Mother's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 3.24                                    | 3.24                                | 3.20                                                           | 0.04 <sup>1</sup>      | 0.04                   |
| Clerical               | 16.71                                   | 16.70                               | 16.70                                                          | 0.01                   | #                      |
| Craftsperson           | 2.39                                    | 2.39                                | 2.36                                                           | 0.03                   | 0.03                   |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Mother's occupation—Continued            |                                                |                                      |                                                                       |                        |                        |
| Farmer, farm manager                     | 0.58                                           | 0.59                                 | 0.58                                                                  | #                      | 0.01                   |
| Homemaker                                | 6.24                                           | 6.24                                 | 6.09                                                                  | 0.15 <sup>1</sup>      | 0.15                   |
| Laborer                                  | 4.63                                           | 4.62                                 | 4.60                                                                  | 0.03 <sup>1</sup>      | 0.02                   |
| Manager, administrator                   | 10.46                                          | 10.45                                | 10.48                                                                 | -0.02                  | -0.03                  |
| Military                                 | 0.14                                           | 0.14                                 | 0.14                                                                  | #                      | #                      |
| Operative                                | 4.33                                           | 4.34                                 | 4.34                                                                  | -0.01                  | #                      |
| Professional A                           | 13.34                                          | 13.35                                | 13.50                                                                 | -0.16 <sup>1</sup>     | -0.15                  |
| Professional B                           | 3.42                                           | 3.43                                 | 3.47                                                                  | -0.05 <sup>1</sup>     | -0.04                  |
| Proprietor, owner                        | 2.27                                           | 2.27                                 | 2.27                                                                  | #                      | #                      |
| Protective service                       | 0.66                                           | 0.66                                 | 0.67                                                                  | -0.01 <sup>1</sup>     | -0.01                  |
| Sales                                    | 4.38                                           | 4.38                                 | 4.35                                                                  | 0.03                   | 0.03                   |
| School teacher                           | 6.32                                           | 6.31                                 | 6.35                                                                  | -0.03 <sup>1</sup>     | -0.04                  |
| Service                                  | 15.98                                          | 15.98                                | 15.96                                                                 | 0.02                   | 0.02                   |
| Technical                                | 4.91                                           | 4.91                                 | 4.94                                                                  | -0.03                  | -0.03                  |
| English is the student's native language |                                                |                                      |                                                                       |                        |                        |
| No                                       | 14.16                                          | 14.17                                | 14.17                                                                 | -0.01                  | #                      |
| Yes                                      | 85.84                                          | 85.83                                | 85.83                                                                 | 0.01                   | #                      |
| Senior cohort member                     |                                                |                                      |                                                                       |                        |                        |
| No                                       | 1.21                                           | 1.21                                 | 1.16                                                                  | 0.05                   | 0.05                   |
| Yes                                      | 98.79                                          | 98.79                                | 98.84                                                                 | -0.05                  | -0.05                  |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                                         |                                                |                                      |                                                                       |                        |                        |
| Senior cohort member                                    |                                                |                                      |                                                                       |                        |                        |
| No                                                      | 15.06                                          | 15.05                                | 13.48                                                                 | 1.58 <sup>1</sup>      | 1.57 <sup>1</sup>      |
| Yes                                                     | 84.94                                          | 84.95                                | 86.52                                                                 | -1.58 <sup>1</sup>     | -1.57 <sup>1</sup>     |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.71                                          | 38.69                                | 38.77                                                                 | -0.06                  | -0.08                  |
| Greater than 2 percent                                  | 61.29                                          | 61.31                                | 61.23                                                                 | 0.06                   | 0.08                   |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.45                                          | 34.44                                | 34.61                                                                 | -0.16 <sup>1</sup>     | -0.17                  |
| Greater than 4 percent                                  | 65.55                                          | 65.56                                | 65.39                                                                 | 0.16 <sup>1</sup>      | 0.17                   |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.50                                           | 1.50                                 | 1.49                                                                  | 0.01                   | 0.01                   |
| \$1,001–\$5,000                                         | 1.86                                           | 1.86                                 | 1.84                                                                  | 0.02                   | 0.02                   |
| \$5,001–\$10,000                                        | 2.25                                           | 2.25                                 | 2.23                                                                  | 0.02 <sup>1</sup>      | 0.02                   |
| \$10,001–\$15,000                                       | 4.35                                           | 4.35                                 | 4.28                                                                  | 0.07 <sup>1</sup>      | 0.07                   |
| \$15,001–\$20,000                                       | 4.86                                           | 4.85                                 | 4.79                                                                  | 0.07 <sup>1</sup>      | 0.06                   |
| \$20,001–\$25,000                                       | 6.48                                           | 6.48                                 | 6.44                                                                  | 0.04 <sup>1</sup>      | 0.04                   |
| \$25,001–\$35,000                                       | 12.22                                          | 12.22                                | 12.20                                                                 | 0.02                   | 0.02                   |
| \$35,001–\$50,000                                       | 19.50                                          | 19.50                                | 19.47                                                                 | 0.03                   | 0.03                   |
| \$50,001–\$75,000                                       | 21.07                                          | 21.06                                | 21.17                                                                 | -0.10 <sup>1</sup>     | -0.11                  |
| \$75,001–\$100,000                                      | 13.34                                          | 13.36                                | 13.39                                                                 | -0.05                  | -0.03                  |
| \$100,001–\$200,000                                     | 9.93                                           | 9.94                                 | 10.03                                                                 | -0.10 <sup>1</sup>     | -0.09                  |
| \$200,001 or more                                       | 2.63                                           | 2.63                                 | 2.67                                                                  | -0.04 <sup>1</sup>     | -0.04                  |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Census region            |                                         |                                     |                                                                |                        |                        |
| Northeast                | 18.03                                   | 18.06                               | 18.61                                                          | -0.58 <sup>1</sup>     | -0.55                  |
| Midwest                  | 24.20                                   | 24.19                               | 24.31                                                          | -0.11 <sup>1</sup>     | -0.12                  |
| South                    | 34.66                                   | 34.64                               | 34.43                                                          | 0.23 <sup>1</sup>      | 0.21                   |
| West                     | 23.11                                   | 23.10                               | 22.65                                                          | 0.46 <sup>1</sup>      | 0.45                   |
| School sector            |                                         |                                     |                                                                |                        |                        |
| Public                   | 92.46                                   | 92.46                               | 92.32                                                          | 0.14 <sup>1</sup>      | 0.14                   |
| Catholic                 | 4.19                                    | 4.19                                | 4.26                                                           | -0.07 <sup>1</sup>     | -0.07                  |
| Other private            | 3.35                                    | 3.35                                | 3.42                                                           | -0.07                  | -0.07                  |
| School urbanicity        |                                         |                                     |                                                                |                        |                        |
| Urban                    | 30.21                                   | 30.20                               | 29.96                                                          | 0.25 <sup>1</sup>      | 0.24                   |
| Suburban                 | 50.09                                   | 50.11                               | 50.31                                                          | -0.22 <sup>1</sup>     | -0.20                  |
| Rural                    | 19.71                                   | 19.70                               | 19.73                                                          | -0.02                  | -0.03                  |
| Minutes per class period |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 45 | 18.56                                   | 18.59                               | 19.01                                                          | -0.45 <sup>1</sup>     | -0.42                  |
| 46–50                    | 21.77                                   | 21.77                               | 21.71                                                          | 0.06                   | 0.06                   |
| 51–80                    | 28.95                                   | 28.94                               | 28.76                                                          | 0.19 <sup>1</sup>      | 0.18                   |
| 81+                      | 30.72                                   | 30.71                               | 30.51                                                          | 0.21 <sup>1</sup>      | 0.20                   |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                    | Means                               |                                                                | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                              | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Class periods per day        |                                         |                                     |                                                                |                        |                        |
| 1–4                          | 31.69                                   | 31.67                               | 31.50                                                          | 0.19 <sup>1</sup>      | 0.17                   |
| 5–6                          | 26.67                                   | 26.66                               | 26.42                                                          | 0.25 <sup>1</sup>      | 0.24                   |
| 7                            | 24.82                                   | 24.81                               | 24.99                                                          | -0.17 <sup>1</sup>     | -0.18                  |
| 8–9                          | 16.83                                   | 16.86                               | 17.08                                                          | -0.25 <sup>1</sup>     | -0.22                  |
| Is the school coeducational? |                                         |                                     |                                                                |                        |                        |
| Yes                          | 98.04                                   | 98.04                               | 98.00                                                          | 0.04 <sup>1</sup>      | 0.04                   |
| No, all-female school        | 0.95                                    | 0.95                                | 0.97                                                           | -0.02 <sup>1</sup>     | -0.02                  |
| No, all-male school          | 1.01                                    | 1.01                                | 1.03                                                           | -0.02                  | -0.02                  |
| 10th-grade enrollment        |                                         |                                     |                                                                |                        |                        |
| 0–99                         | 12.44                                   | 12.43                               | 12.48                                                          | -0.04                  | -0.05                  |
| 100–249                      | 22.12                                   | 22.11                               | 22.33                                                          | -0.21 <sup>1</sup>     | -0.22                  |
| 250–499                      | 36.19                                   | 36.22                               | 36.10                                                          | 0.09                   | 0.12                   |
| 500+                         | 29.26                                   | 29.24                               | 29.08                                                          | 0.18 <sup>1</sup>      | 0.16                   |
| Total enrollment             |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 600    | 17.50                                   | 17.49                               | 17.55                                                          | -0.05                  | -0.06                  |
| 601–1,200                    | 27.26                                   | 27.25                               | 27.45                                                          | -0.19 <sup>1</sup>     | -0.20                  |
| 1,201–1,800                  | 26.20                                   | 26.23                               | 26.17                                                          | 0.03                   | 0.06                   |
| Greater than 1,800           | 29.05                                   | 29.04                               | 28.83                                                          | 0.22 <sup>1</sup>      | 0.21                   |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|--------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Family composition                         |                                                |                                      |                                                                       |                        |                        |
| Mother and father                          | 57.60                                          | 57.62                                | 57.85                                                                 | -0.25 <sup>1</sup>     | -0.23                  |
| Mother and male guardian                   | 13.15                                          | 13.15                                | 13.06                                                                 | 0.09 <sup>1</sup>      | 0.09                   |
| Father and female guardian                 | 3.14                                           | 3.14                                 | 3.12                                                                  | 0.02                   | 0.02                   |
| Two guardians                              | 1.83                                           | 1.83                                 | 1.79                                                                  | 0.04 <sup>1</sup>      | 0.04                   |
| Mother only                                | 18.36                                          | 18.36                                | 18.36                                                                 | #                      | #                      |
| Father only                                | 3.21                                           | 3.21                                 | 3.17                                                                  | 0.04 <sup>1</sup>      | 0.04                   |
| Female guardian only                       | 1.35                                           | 1.38                                 | 1.34                                                                  | 0.01                   | 0.04                   |
| Male guardian only                         | 0.29                                           | 0.27                                 | 0.28                                                                  | 0.01 <sup>1</sup>      | -0.01                  |
| Lives with student less than half the year | 1.06                                           | 1.06                                 | 1.04                                                                  | 0.02 <sup>1</sup>      | 0.02                   |
| Parent's highest level of education        |                                                |                                      |                                                                       |                        |                        |
| Did not finish high school                 | 6.55                                           | 6.54                                 | 6.45                                                                  | 0.10 <sup>1</sup>      | 0.09                   |
| Graduated from high school or GED          | 21.41                                          | 21.41                                | 21.20                                                                 | 0.21 <sup>1</sup>      | 0.21                   |
| Attended 2-year school, no degree          | 11.46                                          | 11.45                                | 11.45                                                                 | 0.01                   | #                      |
| Graduated from 2-year school               | 11.14                                          | 11.13                                | 11.16                                                                 | -0.02                  | -0.03                  |
| Attended college, no 4-year degree         | 11.36                                          | 11.37                                | 11.41                                                                 | -0.05 <sup>1</sup>     | -0.04                  |
| Graduated from college                     | 21.80                                          | 21.79                                | 21.88                                                                 | -0.08 <sup>1</sup>     | -0.09                  |
| Completed Master's degree or equivalent    | 11.09                                          | 11.10                                | 11.16                                                                 | -0.07 <sup>1</sup>     | -0.06                  |
| Completed PhD, MD, other advanced degree   | 5.20                                           | 5.20                                 | 5.28                                                                  | -0.08 <sup>1</sup>     | -0.08                  |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                    | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Socioeconomic quarter              |                                         |                                     |                                                                |                        |                        |
| Lowest SES quarter                 | 25.11                                   | 25.10                               | 24.86                                                          | 0.25 <sup>1</sup>      | 0.24                   |
| Second SES quarter                 | 25.49                                   | 25.48                               | 25.40                                                          | 0.09 <sup>1</sup>      | 0.08                   |
| Third SES quarter                  | 24.71                                   | 24.74                               | 24.81                                                          | -0.10 <sup>1</sup>     | -0.07                  |
| Highest SES quarter                | 24.69                                   | 24.68                               | 24.93                                                          | -0.24 <sup>1</sup>     | -0.25                  |
| Student sex                        |                                         |                                     |                                                                |                        |                        |
| Male                               | 49.59                                   | 49.59                               | 49.15                                                          | 0.44 <sup>1</sup>      | 0.44                   |
| Female                             | 50.41                                   | 50.41                               | 50.85                                                          | -0.44 <sup>1</sup>     | -0.44                  |
| Free or reduced-price lunch        |                                         |                                     |                                                                |                        |                        |
| 0                                  | 7.93                                    | 7.93                                | 8.04                                                           | -0.11 <sup>1</sup>     | -0.11                  |
| 1–10                               | 24.73                                   | 24.76                               | 24.99                                                          | -0.26 <sup>1</sup>     | -0.23                  |
| 11–30                              | 36.12                                   | 36.11                               | 35.98                                                          | 0.14 <sup>1</sup>      | 0.13                   |
| Greater than 30                    | 31.21                                   | 31.20                               | 31.00                                                          | 0.21 <sup>1</sup>      | 0.20                   |
| Number of full-time teachers       |                                         |                                     |                                                                |                        |                        |
| 1–40                               | 17.98                                   | 17.98                               | 18.04                                                          | -0.06                  | -0.06                  |
| 41–70                              | 23.19                                   | 23.19                               | 23.33                                                          | -0.14 <sup>1</sup>     | -0.14                  |
| 71–100                             | 30.45                                   | 30.47                               | 30.25                                                          | 0.20 <sup>1</sup>      | 0.22                   |
| 101+                               | 28.37                                   | 28.36                               | 28.38                                                          | -0.01                  | -0.02                  |
| Number of grades within the school |                                         |                                     |                                                                |                        |                        |
| 4                                  | 79.81                                   | 79.81                               | 79.73                                                          | 0.08                   | 0.08                   |
| Less than or greater than 4        | 20.19                                   | 20.19                               | 20.27                                                          | -0.08                  | -0.08                  |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Types of grades within the school                                   |                                                |                                      |                                                                       |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.90                                           | 4.90                                 | 4.86                                                                  | 0.04                   | 0.04                   |
| Middle grades but no elementary                                     | 7.49                                           | 7.48                                 | 7.58                                                                  | -0.09 <sup>1</sup>     | -0.10                  |
| Only high school                                                    | 87.62                                          | 87.62                                | 87.56                                                                 | 0.06                   | 0.06                   |
| Hispanic or Latino 10th-grade enrollment percent                    |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 3 percent                                     | 37.63                                          | 37.66                                | 37.77                                                                 | -0.14 <sup>1</sup>     | -0.11                  |
| Greater than 3 percent                                              | 62.37                                          | 62.34                                | 62.23                                                                 | 0.14 <sup>1</sup>      | 0.11                   |
| IEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 5 percent                                     | 26.07                                          | 26.06                                | 26.27                                                                 | -0.20 <sup>1</sup>     | -0.21                  |
| 6–10 percent                                                        | 33.04                                          | 33.07                                | 32.91                                                                 | 0.13                   | 0.16                   |
| 11–15 percent                                                       | 26.84                                          | 26.83                                | 26.83                                                                 | 0.01                   | #                      |
| Greater than 15 percent                                             | 14.04                                          | 14.04                                | 13.99                                                                 | 0.05                   | 0.05                   |
| LEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| 0 percent                                                           | 33.77                                          | 33.76                                | 33.93                                                                 | -0.16 <sup>1</sup>     | -0.17                  |
| 1 percent                                                           | 23.22                                          | 23.24                                | 23.33                                                                 | -0.11 <sup>1</sup>     | -0.09                  |
| 2–5 percent                                                         | 18.76                                          | 18.75                                | 18.74                                                                 | 0.02                   | 0.01                   |
| Greater than 5 percent                                              | 24.26                                          | 24.25                                | 24.01                                                                 | 0.25 <sup>1</sup>      | 0.24                   |
| All other races 10th-grade enrollment percent                       |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 80 percent                                    | 51.39                                          | 51.37                                | 51.06                                                                 | 0.33 <sup>1</sup>      | 0.31                   |
| Greater than 80 percent                                             | 48.61                                          | 48.63                                | 48.94                                                                 | -0.33 <sup>1</sup>     | -0.31                  |

See notes at end of table.

**Table H-1b. Nonresponse bias before and after weight adjustments for the sample using the F3Q weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|-------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                               |                                                |                                      |                                                                       |                        |                        |
| Number of part-time teachers  |                                                |                                      |                                                                       |                        |                        |
| 0–1                           | 31.17                                          | 31.15                                | 31.09                                                                 | 0.08                   | 0.06                   |
| 2–3                           | 28.88                                          | 28.87                                | 28.79                                                                 | 0.09                   | 0.08                   |
| 4–6                           | 21.63                                          | 21.63                                | 21.67                                                                 | -0.04                  | -0.04                  |
| 7+                            | 18.32                                          | 18.35                                | 18.45                                                                 | -0.13 <sup>1</sup>     | -0.10                  |
| Full-time teachers certified  |                                                |                                      |                                                                       |                        |                        |
| 0–90 percent                  | 15.91                                          | 15.91                                | 16.00                                                                 | -0.09                  | -0.09                  |
| 91–99 percent                 | 20.38                                          | 20.37                                | 20.26                                                                 | 0.12                   | 0.11                   |
| 100 percent                   | 63.71                                          | 63.72                                | 63.74                                                                 | -0.03                  | -0.02                  |
| Student race/ethnicity        |                                                |                                      |                                                                       |                        |                        |
| Hispanic or Latino            | 16.18                                          | 16.17                                | 16.29                                                                 | -0.11 <sup>1</sup>     | -0.12                  |
| Asian                         | 4.23                                           | 4.23                                 | 4.20                                                                  | 0.03                   | 0.03                   |
| Black or African American     | 14.18                                          | 14.19                                | 14.29                                                                 | -0.11 <sup>1</sup>     | -0.10                  |
| All other races               | 65.41                                          | 65.41                                | 65.22                                                                 | 0.19 <sup>1</sup>      | 0.19                   |
| Number of days in school year |                                                |                                      |                                                                       |                        |                        |
| Less than 180 days            | 24.48                                          | 24.47                                | 24.49                                                                 | -0.01                  | -0.02                  |
| 180 days                      | 56.95                                          | 56.93                                | 56.87                                                                 | 0.08                   | 0.06                   |
| More than 180 days            | 18.57                                          | 18.60                                | 18.65                                                                 | -0.08                  | -0.05                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Father's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 116                                    | 16                                           | 0.73                 | 0.68        | 1.12           | -0.05                       | -6.38                      | -0.43                          | -38.86                              | 0.73                       | 0.73                              | #                           | 0.03                       |
| Clerical               | 269                                    | 42                                           | 2.45                 | 2.34        | 3.40           | -0.11                       | -4.66                      | -1.06                          | -31.29                              | 2.45                       | 2.45                              | #                           | 0.03                       |
| Craftsperson           | 1,499                                  | 176                                          | 13.92                | 13.88       | 14.24          | -0.04                       | -0.27                      | -0.35                          | -2.48                               | 13.92                      | 13.92                             | #                           | 0.03                       |
| Farmer, farm manager   | 226                                    | 22                                           | 2.23                 | 2.32        | 1.48           | 0.09                        | 4.04                       | 0.84                           | 56.78                               | 2.23                       | 2.23                              | #                           | 0.03                       |
| Homemaker              | 272                                    | 37                                           | 2.68                 | 2.63        | 3.07           | -0.05                       | -1.78                      | -0.44                          | -14.46                              | 2.68                       | 2.68                              | #                           | 0.03                       |
| Laborer                | 1,188                                  | 135                                          | 10.65                | 10.61       | 10.99          | -0.04                       | -0.38                      | -0.38                          | -3.43                               | 10.65                      | 10.65                             | #                           | 0.03                       |
| Manager, administrator | 1,798                                  | 192                                          | 14.85                | 14.82       | 15.06          | -0.03                       | -0.17                      | -0.23                          | -1.56                               | 14.85                      | 14.84                             | #                           | 0.03                       |
| Military               | 159                                    | 19                                           | 1.34                 | 1.33        | 1.40           | -0.01                       | -0.57                      | -0.07                          | -5.03                               | 1.34                       | 1.34                              | #                           | 0.03                       |
| Operative              | 1,325                                  | 152                                          | 12.23                | 12.32       | 11.45          | 0.09                        | 0.77                       | 0.87                           | 7.64                                | 12.23                      | 12.25                             | -0.02                       | -0.20                      |
| Professional A         | 1,334                                  | 138                                          | 9.90                 | 10.09       | 8.33           | 0.19                        | 1.91                       | 1.77                           | 21.19                               | 9.90                       | 9.90                              | #                           | 0.04                       |
| Professional B         | 753                                    | 93                                           | 4.66                 | 4.73        | 4.07           | 0.07                        | 1.53                       | 0.66                           | 16.31                               | 4.66                       | 4.66                              | #                           | 0.03                       |
| Proprietor, owner      | 717                                    | 77                                           | 5.58                 | 5.57        | 5.65           | -0.01                       | -0.16                      | -0.08                          | -1.47                               | 5.58                       | 5.58                              | #                           | 0.03                       |
| Protective service     | 408                                    | 37                                           | 3.47                 | 3.47        | 3.48           | #                           | -0.04                      | -0.01                          | -0.38                               | 3.47                       | 3.47                              | #                           | 0.03                       |
| Sales                  | 609                                    | 78                                           | 5.28                 | 5.26        | 5.50           | -0.03                       | -0.50                      | -0.25                          | -4.49                               | 5.28                       | 5.28                              | #                           | 0.03                       |
| School teacher         | 180                                    | 17                                           | 1.34                 | 1.36        | 1.19           | 0.02                        | 1.39                       | 0.17                           | 14.66                               | 1.34                       | 1.34                              | #                           | 0.03                       |
| Service                | 459                                    | 73                                           | 3.88                 | 3.70        | 5.36           | -0.18 <sup>1</sup>          | -4.58                      | -1.66 <sup>1</sup>             | -30.91                              | 3.88                       | 3.88                              | #                           | 0.03                       |
| Technical              | 569                                    | 65                                           | 4.81                 | 4.88        | 4.22           | 0.07                        | 1.47                       | 0.66                           | 15.59                               | 4.81                       | 4.81                              | #                           | 0.03                       |
| Mother's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 439                                    | 50                                           | 3.20                 | 3.21        | 3.12           | 0.01                        | 0.32                       | 0.10                           | 3.07                                | 3.20                       | 3.20                              | #                           | 0.03                       |
| Clerical               | 1,940                                  | 209                                          | 16.70                | 16.68       | 16.87          | -0.02                       | -0.12                      | -0.19                          | -1.11                               | 16.70                      | 16.70                             | #                           | 0.03                       |
| Craftsperson           | 263                                    | 28                                           | 2.36                 | 2.32        | 2.72           | -0.04                       | -1.80                      | -0.40                          | -14.60                              | 2.36                       | 2.36                              | #                           | 0.03                       |
| Farmer, farm manager   | 62                                     | 5                                            | 0.58                 | 0.61        | 0.30           | 0.03                        | 5.81                       | 0.31                           | 104.97                              | 0.58                       | 0.58                              | #                           | -0.28                      |
| Homemaker              | 597                                    | 89                                           | 6.09                 | 5.93        | 7.47           | -0.17                       | -2.73                      | -1.55                          | -20.71                              | 6.09                       | 6.09                              | #                           | 0.03                       |
| Laborer                | 499                                    | 70                                           | 4.60                 | 4.49        | 5.51           | -0.11                       | -2.38                      | -1.02                          | -18.55                              | 4.60                       | 4.60                              | #                           | 0.06                       |
| Manager, administrator | 1,286                                  | 137                                          | 10.48                | 10.50       | 10.30          | 0.02                        | 0.21                       | 0.21                           | 2.01                                | 10.48                      | 10.48                             | #                           | 0.03                       |
| Military               | 19                                     | 3                                            | 0.14                 | 0.13        | 0.26           | -0.01                       | -9.95                      | -0.13                          | -50.74                              | 0.14                       | 0.13                              | 0.01                        | 6.01                       |
| Operative              | 483                                    | 51                                           | 4.34                 | 4.42        | 3.64           | 0.08                        | 1.94                       | 0.79                           | 21.63                               | 4.34                       | 4.35                              | -0.01                       | -0.28                      |
| Professional A         | 1,791                                  | 166                                          | 13.50                | 13.88       | 10.33          | 0.38 <sup>1</sup>           | 2.82                       | 3.55 <sup>1</sup>              | 34.32                               | 13.50                      | 13.51                             | -0.01                       | -0.08                      |
| Professional B         | 475                                    | 63                                           | 3.47                 | 3.42        | 3.88           | -0.05                       | -1.43                      | -0.46                          | -11.91                              | 3.47                       | 3.47                              | #                           | 0.07                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                         | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                         |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Mother's occupation—Continued                           |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Proprietor, owner                                       | 288                                    | 29                                           | 2.27                 | 2.30        | 1.94           | 0.04                        | 1.70                       | 0.36                           | 18.46                               | 2.27                       | 2.26                              | #                           | 0.03                       |
| Protective service                                      | 83                                     | 11                                           | 0.67                 | 0.65        | 0.88           | -0.02                       | -3.72                      | -0.23                          | -26.48                              | 0.67                       | 0.68                              | -0.01                       | -1.24                      |
| Sales                                                   | 484                                    | 73                                           | 4.35                 | 4.22        | 5.45           | -0.13                       | -3.04                      | -1.23                          | -22.60                              | 4.35                       | 4.35                              | #                           | 0.03                       |
| School teacher                                          | 809                                    | 88                                           | 6.35                 | 6.46        | 5.48           | 0.11                        | 1.66                       | 0.98                           | 17.90                               | 6.35                       | 6.35                              | #                           | 0.03                       |
| Service                                                 | 1,788                                  | 224                                          | 15.96                | 15.86       | 16.80          | -0.10                       | -0.63                      | -0.94                          | -5.61                               | 15.96                      | 15.95                             | #                           | 0.03                       |
| Technical                                               | 575                                    | 73                                           | 4.94                 | 4.92        | 5.05           | -0.01                       | -0.29                      | -0.13                          | -2.63                               | 4.94                       | 4.93                              | #                           | 0.03                       |
| English is the student's native language                |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,949                                  | 259                                          | 14.17                | 13.62       | 18.76          | -0.55 <sup>1</sup>          | -3.89                      | -5.14 <sup>1</sup>             | -27.38                              | 14.17                      | 14.18                             | -0.01                       | -0.07                      |
| Yes                                                     | 9,932                                  | 1,110                                        | 85.83                | 86.38       | 81.24          | 0.55 <sup>1</sup>           | 0.64                       | 5.14 <sup>1</sup>              | 6.32                                | 85.83                      | 85.82                             | 0.01                        | 0.01                       |
| Sophomore cohort member                                 |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 111                                    | 6                                            | 1.16                 | 1.21        | 0.80           | 0.04                        | 3.74                       | 0.41                           | 50.72                               | 1.16                       | 1.16                              | #                           | 0.03                       |
| Yes                                                     | 11,770                                 | 1,363                                        | 98.84                | 98.79       | 99.20          | -0.04                       | -0.04                      | -0.41                          | -0.41                               | 98.84                      | 98.84                             | #                           | #                          |
| Senior cohort member                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,257                                  | 341                                          | 13.48                | 11.93       | 26.36          | -1.55 <sup>1</sup>          | -11.48                     | -14.43 <sup>1</sup>            | -54.75                              | 13.48                      | 13.47                             | #                           | 0.03                       |
| Yes                                                     | 10,624                                 | 1,028                                        | 86.52                | 88.07       | 73.64          | 1.55 <sup>1</sup>           | 1.79                       | 14.43 <sup>1</sup>             | 19.60                               | 86.52                      | 86.53                             | #                           | #                          |
| Asian 10th grade enrollment percent                     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 2 percent                         | 4,644                                  | 526                                          | 38.77                | 38.35       | 42.28          | -0.42                       | -1.09                      | -3.94                          | -9.31                               | 38.77                      | 38.76                             | 0.01                        | 0.03                       |
| Greater than 2 percent                                  | 7,237                                  | 843                                          | 61.23                | 61.65       | 57.72          | 0.42                        | 0.69                       | 3.94                           | 6.82                                | 61.23                      | 61.24                             | -0.01                       | -0.02                      |
| Black or African American 10th grade enrollment percent |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 4 percent                         | 4,208                                  | 357                                          | 34.61                | 35.25       | 29.22          | 0.65                        | 1.87                       | 6.03                           | 20.64                               | 34.61                      | 34.60                             | 0.01                        | 0.03                       |
| Greater than 4 percent                                  | 7,673                                  | 1,012                                        | 65.39                | 64.75       | 70.78          | -0.65                       | -0.99                      | -6.03                          | -8.52                               | 65.39                      | 65.40                             | -0.01                       | -0.01                      |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Income              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| \$1,000 or less     | 168                                    | 20                                           | 1.49                 | 1.48         | 1.53            | -0.01                       | -0.35                      | -0.05                          | -3.18                               | 1.49                       | 1.49                              | #                           | 0.03                       |
| \$1,001–\$5,000     | 198                                    | 39                                           | 1.84                 | 1.71         | 2.95            | -0.13 <sup>1</sup>          | -7.23                      | -1.24 <sup>1</sup>             | -42.10                              | 1.84                       | 1.84                              | #                           | 0.03                       |
| \$5,001–\$10,000    | 236                                    | 36                                           | 2.23                 | 2.16         | 2.81            | -0.07                       | -3.12                      | -0.65                          | -23.11                              | 2.23                       | 2.23                              | #                           | 0.03                       |
| \$10,001–\$15,000   | 468                                    | 66                                           | 4.28                 | 4.10         | 5.71            | -0.17 <sup>1</sup>          | -4.04                      | -1.61 <sup>1</sup>             | -28.18                              | 4.28                       | 4.28                              | #                           | 0.03                       |
| \$15,001–\$20,000   | 534                                    | 65                                           | 4.79                 | 4.75         | 5.09            | -0.04                       | -0.76                      | -0.34                          | -6.67                               | 4.79                       | 4.79                              | #                           | 0.03                       |
| \$20,001–\$25,000   | 663                                    | 109                                          | 6.44                 | 6.16         | 8.71            | -0.27 <sup>1</sup>          | -4.24                      | -2.55 <sup>1</sup>             | -29.23                              | 6.44                       | 6.44                              | #                           | 0.03                       |
| \$25,001–\$35,000   | 1,367                                  | 142                                          | 12.20                | 12.29        | 11.40           | 0.10                        | 0.79                       | 0.90                           | 7.86                                | 12.20                      | 12.19                             | #                           | 0.03                       |
| \$35,001–\$50,000   | 2,162                                  | 272                                          | 19.47                | 19.30        | 20.88           | -0.17                       | -0.87                      | -1.57                          | -7.53                               | 19.47                      | 19.47                             | 0.01                        | 0.03                       |
| \$50,001–\$75,000   | 2,516                                  | 253                                          | 21.17                | 21.34        | 19.80           | 0.16                        | 0.78                       | 1.53                           | 7.75                                | 21.17                      | 21.17                             | 0.01                        | 0.03                       |
| \$75,001–\$100,000  | 1,684                                  | 177                                          | 13.39                | 13.63        | 11.42           | 0.24                        | 1.77                       | 2.21                           | 19.38                               | 13.39                      | 13.40                             | -0.01                       | -0.07                      |
| \$100,001–\$200,000 | 1,439                                  | 124                                          | 10.03                | 10.41        | 6.84            | 0.38 <sup>1</sup>           | 3.81                       | 3.57 <sup>1</sup>              | 52.13                               | 10.03                      | 10.04                             | -0.01                       | -0.11                      |
| \$200,001 or more   | 446                                    | 66                                           | 2.67                 | 2.65         | 2.86            | -0.02                       | -0.82                      | -0.20                          | -7.16                               | 2.67                       | 2.67                              | #                           | 0.03                       |
| Census region       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Northeast           | 2,042                                  | 327                                          | 18.61                | 17.54        | 27.52           | -1.07 <sup>1</sup>          | -5.75                      | -9.98 <sup>1</sup>             | -36.27                              | 18.61                      | 18.63                             | -0.02                       | -0.11                      |
| Midwest             | 3,123                                  | 275                                          | 24.31                | 24.84        | 19.90           | 0.53                        | 2.18                       | 4.94                           | 24.82                               | 24.31                      | 24.31                             | 0.01                        | 0.03                       |
| South               | 4,241                                  | 570                                          | 34.43                | 33.93        | 38.59           | -0.50                       | -1.45                      | -4.66                          | -12.07                              | 34.43                      | 34.42                             | 0.01                        | 0.03                       |
| West                | 2,475                                  | 197                                          | 22.65                | 23.69        | 13.99           | 1.04 <sup>1</sup>           | 4.59                       | 9.70 <sup>1</sup>              | 69.33                               | 22.65                      | 22.64                             | 0.01                        | 0.03                       |
| School sector       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Public              | 9,146                                  | 1,117                                        | 92.32                | 92.19        | 93.43           | -0.13                       | -0.14                      | -1.24                          | -1.33                               | 92.32                      | 92.32                             | #                           | #                          |
| Catholic            | 1,633                                  | 102                                          | 4.26                 | 4.51         | 2.22            | 0.25 <sup>1</sup>           | 5.77                       | 2.29 <sup>1</sup>              | 103.54                              | 4.26                       | 4.26                              | #                           | 0.03                       |
| Other private       | 1,102                                  | 150                                          | 3.42                 | 3.30         | 4.36            | -0.11                       | -3.31                      | -1.05                          | -24.17                              | 3.42                       | 3.42                              | #                           | -0.08                      |
| School urbanicity   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Urban               | 3,931                                  | 604                                          | 29.96                | 28.42        | 42.82           | -1.54 <sup>1</sup>          | -5.15                      | -14.40 <sup>1</sup>            | -33.64                              | 29.96                      | 29.96                             | 0.01                        | 0.03                       |
| Suburban            | 5,814                                  | 513                                          | 50.31                | 51.85        | 37.46           | 1.54 <sup>1</sup>           | 3.07                       | 14.39 <sup>1</sup>             | 38.40                               | 50.31                      | 50.32                             | -0.01                       | -0.03                      |
| Rural               | 2,136                                  | 252                                          | 19.73                | 19.73        | 19.71           | #                           | 0.01                       | 0.02                           | 0.09                                | 19.73                      | 19.72                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Minutes per class period     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 2,715                                  | 425                                          | 19.01                | 17.44       | 32.10          | -1.57 <sup>1</sup>          | -8.27                      | -14.66 <sup>1</sup>            | -45.67                              | 19.01                      | 19.04                             | -0.02                       | -0.11                      |
| 46–50                        | 2,601                                  | 267                                          | 21.71                | 22.38       | 16.17          | 0.67                        | 3.06                       | 6.20                           | 38.35                               | 21.71                      | 21.70                             | 0.01                        | 0.03                       |
| 51–80                        | 3,221                                  | 292                                          | 28.76                | 29.36       | 23.83          | 0.59                        | 2.06                       | 5.53                           | 23.21                               | 28.76                      | 28.76                             | 0.01                        | 0.03                       |
| 81+                          | 3,344                                  | 385                                          | 30.51                | 30.83       | 27.90          | 0.31                        | 1.03                       | 2.93                           | 10.50                               | 30.51                      | 30.50                             | 0.01                        | 0.03                       |
| Class periods per day        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,455                                  | 407                                          | 31.50                | 31.61       | 30.61          | 0.11                        | 0.34                       | 0.99                           | 3.24                                | 31.50                      | 31.49                             | 0.01                        | 0.03                       |
| 5–6                          | 2,925                                  | 281                                          | 26.42                | 27.15       | 20.34          | 0.73                        | 2.76                       | 6.81                           | 33.47                               | 26.42                      | 26.42                             | 0.01                        | 0.03                       |
| 7                            | 3,172                                  | 450                                          | 24.99                | 24.00       | 33.24          | -0.99                       | -3.96                      | -9.24                          | -27.79                              | 24.99                      | 24.99                             | 0.01                        | 0.03                       |
| 8–9                          | 2,329                                  | 231                                          | 17.08                | 17.24       | 15.80          | 0.15                        | 0.90                       | 1.44                           | 9.10                                | 17.08                      | 17.11                             | -0.02                       | -0.13                      |
| Is the school coeducational? |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 11,239                                 | 1,309                                        | 98.00                | 97.93       | 98.58          | -0.07                       | -0.07                      | -0.65                          | -0.66                               | 98.00                      | 98.00                             | #                           | #                          |
| No, all-female school        | 282                                    | 54                                           | 0.97                 | 0.93        | 1.31           | -0.04                       | -4.24                      | -0.38                          | -29.22                              | 0.97                       | 0.97                              | #                           | 0.03                       |
| No, all-male school          | 360                                    | 6                                            | 1.03                 | 1.14        | 0.11           | 0.11 <sup>1</sup>           | 10.77                      | 1.03 <sup>1</sup>              | 970.66                              | 1.03                       | 1.03                              | #                           | 0.03                       |
| 10th-grade enrollment        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,282                                  | 303                                          | 12.48                | 12.47       | 12.54          | -0.01                       | -0.05                      | -0.06                          | -0.49                               | 12.48                      | 12.48                             | #                           | 0.03                       |
| 100–249                      | 3,156                                  | 259                                          | 22.33                | 23.03       | 16.51          | 0.70                        | 3.13                       | 6.52                           | 39.51                               | 22.33                      | 22.33                             | 0.01                        | 0.03                       |
| 250–499                      | 3,883                                  | 349                                          | 36.10                | 36.70       | 31.10          | 0.60                        | 1.66                       | 5.60                           | 18.01                               | 36.10                      | 36.12                             | -0.02                       | -0.05                      |
| 500+                         | 2,560                                  | 458                                          | 29.08                | 27.79       | 39.85          | -1.29 <sup>1</sup>          | -4.45                      | -12.06 <sup>1</sup>            | -30.27                              | 29.08                      | 29.07                             | 0.01                        | 0.03                       |
| Total enrollment             |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 2,838                                  | 286                                          | 17.55                | 17.98       | 14.00          | 0.43                        | 2.43                       | 3.98                           | 28.42                               | 17.55                      | 17.55                             | #                           | 0.03                       |
| 601–1,200                    | 3,652                                  | 339                                          | 27.45                | 28.15       | 21.58          | 0.70                        | 2.57                       | 6.57                           | 30.43                               | 27.45                      | 27.44                             | 0.01                        | 0.03                       |
| 1,201–1,800                  | 2,706                                  | 313                                          | 26.17                | 25.94       | 28.17          | -0.24                       | -0.91                      | -2.23                          | -7.92                               | 26.17                      | 26.19                             | -0.02                       | -0.07                      |
| Greater than 1,800           | 2,685                                  | 431                                          | 28.83                | 27.93       | 36.25          | -0.89                       | -3.09                      | -8.32                          | -22.94                              | 28.83                      | 28.82                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Mother and father                          | 7,381                                  | 724                                          | 57.85                | 58.90         | 49.13            | 1.05 <sup>1</sup>           | 1.81                       | 9.77 <sup>1</sup>              | 19.88                               | 57.85                      | 57.86                             | -0.01                       | -0.02                      |
| Mother and male guardian                   | 1,332                                  | 198                                          | 13.06                | 12.67         | 16.28            | -0.39 <sup>1</sup>          | -2.96                      | -3.60 <sup>1</sup>             | -22.13                              | 13.06                      | 13.06                             | #                           | 0.03                       |
| Father and female guardian                 | 342                                    | 52                                           | 3.12                 | 3.06          | 3.59             | -0.06                       | -1.83                      | -0.53                          | -14.83                              | 3.12                       | 3.12                              | #                           | 0.03                       |
| Two guardians                              | 186                                    | 26                                           | 1.79                 | 1.77          | 1.93             | -0.02                       | -0.97                      | -0.16                          | -8.35                               | 1.79                       | 1.79                              | #                           | 0.03                       |
| Mother only                                | 1,994                                  | 302                                          | 18.36                | 17.70         | 23.83            | -0.66 <sup>1</sup>          | -3.58                      | -6.13 <sup>1</sup>             | -25.72                              | 18.36                      | 18.36                             | #                           | 0.03                       |
| Father only                                | 341                                    | 31                                           | 3.17                 | 3.23          | 2.59             | 0.07                        | 2.19                       | 0.65                           | 25.00                               | 3.17                       | 3.16                              | #                           | 0.03                       |
| Female guardian only                       | 145                                    | 17                                           | 1.34                 | 1.35          | 1.19             | 0.02                        | 1.29                       | 0.16                           | 13.46                               | 1.34                       | 1.34                              | #                           | -0.20                      |
| Male guardian only                         | 35                                     | 3                                            | 0.28                 | 0.29          | 0.24             | #                           | 1.69                       | 0.04                           | 18.30                               | 0.28                       | 0.28                              | #                           | 1.07                       |
| Lives with student less than half the year | 125                                    | 16                                           | 1.04                 | 1.02          | 1.21             | -0.02                       | -2.03                      | -0.20                          | -16.18                              | 1.04                       | 1.04                              | #                           | 0.03                       |
| Parent's highest level of education        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Did not finish high school                 | 685                                    | 90                                           | 6.45                 | 6.36          | 7.18             | -0.09                       | -1.36                      | -0.82                          | -11.39                              | 6.45                       | 6.45                              | #                           | 0.03                       |
| Graduated from high school or GED          | 2,247                                  | 256                                          | 21.20                | 21.19         | 21.30            | -0.01                       | -0.06                      | -0.12                          | -0.54                               | 21.20                      | 21.19                             | 0.01                        | 0.03                       |
| Attended 2-year school, no degree          | 1,247                                  | 151                                          | 11.45                | 11.36         | 12.23            | -0.09                       | -0.81                      | -0.87                          | -7.08                               | 11.45                      | 11.45                             | #                           | 0.03                       |
| Graduated from 2-year school               | 1,231                                  | 131                                          | 11.16                | 11.25         | 10.40            | 0.09                        | 0.81                       | 0.85                           | 8.13                                | 11.16                      | 11.16                             | #                           | 0.03                       |
| Attended college, no 4-year degree         | 1,315                                  | 177                                          | 11.41                | 11.16         | 13.56            | -0.26 <sup>1</sup>          | -2.26                      | -2.40 <sup>1</sup>             | -17.72                              | 11.41                      | 11.43                             | -0.01                       | -0.09                      |
| Graduated from college                     | 2,767                                  | 284                                          | 21.88                | 22.12         | 19.88            | 0.24                        | 1.10                       | 2.24                           | 11.25                               | 21.88                      | 21.87                             | 0.01                        | 0.03                       |
| Completed Master's degree or equivalent    | 1,512                                  | 170                                          | 11.16                | 11.24         | 10.54            | 0.07                        | 0.67                       | 0.70                           | 6.62                                | 11.16                      | 11.18                             | -0.01                       | -0.09                      |
| Completed PhD, MD, other advanced degree   | 877                                    | 110                                          | 5.28                 | 5.33          | 4.91             | 0.05                        | 0.85                       | 0.42                           | 8.58                                | 5.28                       | 5.28                              | #                           | 0.03                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,640                                  | 338                                          | 24.86                | 24.62       | 26.84          | -0.24                       | -0.96                      | -2.22                          | -8.29                               | 24.86                      | 24.85                             | 0.01                        | 0.03                       |
| Second SES quarter                 | 2,770                                  | 337                                          | 25.40                | 25.22       | 26.93          | -0.18                       | -0.72                      | -1.71                          | -6.35                               | 25.40                      | 25.39                             | 0.01                        | 0.03                       |
| Third SES quarter                  | 2,875                                  | 348                                          | 24.81                | 24.46       | 27.73          | -0.35                       | -1.41                      | -3.27                          | -11.79                              | 24.81                      | 24.83                             | -0.02                       | -0.08                      |
| Highest SES quarter                | 3,596                                  | 346                                          | 24.93                | 25.71       | 18.50          | 0.77 <sup>1</sup>           | 3.10                       | 7.20 <sup>1</sup>              | 38.92                               | 24.93                      | 24.93                             | 0.01                        | 0.03                       |
| Student sex                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 5,629                                  | 642                                          | 49.15                | 48.92       | 51.13          | -0.24                       | -0.48                      | -2.21                          | -4.32                               | 49.15                      | 49.17                             | -0.01                       | -0.03                      |
| Female                             | 6,252                                  | 727                                          | 50.85                | 51.08       | 48.87          | 0.24                        | 0.47                       | 2.21                           | 4.52                                | 50.85                      | 50.83                             | 0.01                        | 0.03                       |
| Free or reduced-price lunch        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,192                                  | 258                                          | 8.04                 | 8.03        | 8.13           | -0.01                       | -0.14                      | -0.10                          | -1.25                               | 8.04                       | 8.04                              | #                           | 0.03                       |
| 1–10                               | 2,731                                  | 306                                          | 24.99                | 24.92       | 25.52          | -0.06                       | -0.26                      | -0.60                          | -2.34                               | 24.99                      | 25.01                             | -0.02                       | -0.08                      |
| 11–30                              | 3,632                                  | 340                                          | 35.98                | 36.60       | 30.78          | 0.63                        | 1.74                       | 5.83                           | 18.94                               | 35.98                      | 35.97                             | 0.01                        | 0.03                       |
| Greater than 30                    | 3,326                                  | 465                                          | 31.00                | 30.45       | 35.58          | -0.55                       | -1.77                      | -5.13                          | -14.42                              | 31.00                      | 30.99                             | 0.01                        | 0.03                       |
| Number of full-time teachers       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 3,108                                  | 345                                          | 18.04                | 18.05       | 17.92          | 0.01                        | 0.07                       | 0.13                           | 0.70                                | 18.04                      | 18.03                             | #                           | 0.03                       |
| 41–70                              | 3,091                                  | 257                                          | 23.33                | 24.25       | 15.69          | 0.92 <sup>1</sup>           | 3.93                       | 8.56 <sup>1</sup>              | 54.54                               | 23.33                      | 23.32                             | 0.01                        | 0.03                       |
| 71–100                             | 3,044                                  | 353                                          | 30.25                | 30.04       | 32.00          | -0.21                       | -0.70                      | -1.96                          | -6.13                               | 30.25                      | 30.27                             | -0.02                       | -0.06                      |
| 101+                               | 2,638                                  | 414                                          | 28.38                | 27.66       | 34.39          | -0.72                       | -2.54                      | -6.72                          | -19.55                              | 28.38                      | 28.38                             | 0.01                        | 0.03                       |
| Number of grades within the school |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 9,047                                  | 1,054                                        | 79.73                | 79.22       | 83.92          | -0.50                       | -0.63                      | -4.69                          | -5.59                               | 79.73                      | 79.73                             | -0.01                       | -0.01                      |
| Less than or greater than 4        | 2,834                                  | 315                                          | 20.27                | 20.78       | 16.08          | 0.50                        | 2.48                       | 4.69                           | 29.19                               | 20.27                      | 20.27                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 764                                    | 123                                          | 4.86                 | 4.86          | 4.90             | -0.01                       | -0.10                      | -0.05                          | -0.97                               | 4.86                       | 4.86                              | #                           | 0.03                       |
| Middle grades but no elementary                                  | 1,235                                  | 138                                          | 7.58                 | 7.71          | 6.48             | 0.13                        | 1.74                       | 1.23                           | 18.99                               | 7.58                       | 7.58                              | #                           | 0.03                       |
| Only high school                                                 | 9,882                                  | 1,108                                        | 87.56                | 87.43         | 88.61            | -0.13                       | -0.14                      | -1.18                          | -1.34                               | 87.56                      | 87.56                             | #                           | #                          |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 4,784                                  | 406                                          | 37.77                | 38.93         | 28.15            | 1.16 <sup>1</sup>           | 3.06                       | 10.78 <sup>1</sup>             | 38.29                               | 37.77                      | 37.79                             | -0.02                       | -0.04                      |
| Greater than 3 percent                                           | 7,097                                  | 963                                          | 62.23                | 61.07         | 71.85            | -1.16 <sup>1</sup>          | -1.86                      | -10.78 <sup>1</sup>            | -15.00                              | 62.23                      | 62.21                             | 0.02                        | 0.03                       |
| IEP percentage                                                   |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 4,738                                  | 531                                          | 26.27                | 26.21         | 26.83            | -0.07                       | -0.26                      | -0.63                          | -2.34                               | 26.27                      | 26.27                             | 0.01                        | 0.03                       |
| 6–10 percent                                                     | 2,971                                  | 365                                          | 32.91                | 32.77         | 34.12            | -0.15                       | -0.44                      | -1.36                          | -3.98                               | 32.91                      | 32.93                             | -0.02                       | -0.05                      |
| 11–15 percent                                                    | 2,697                                  | 245                                          | 26.83                | 27.50         | 21.18            | 0.68                        | 2.53                       | 6.32                           | 29.84                               | 26.83                      | 26.82                             | 0.01                        | 0.03                       |
| Greater than 15 percent                                          | 1,475                                  | 228                                          | 13.99                | 13.53         | 17.86            | -0.46                       | -3.32                      | -4.34                          | -24.28                              | 13.99                      | 13.99                             | #                           | 0.03                       |
| LEP percentage                                                   |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0 percent                                                        | 5,263                                  | 532                                          | 33.93                | 34.60         | 28.31            | 0.67                        | 1.99                       | 6.29                           | 22.21                               | 33.93                      | 33.92                             | 0.01                        | 0.03                       |
| 1 percent                                                        | 2,369                                  | 280                                          | 23.33                | 23.02         | 25.86            | -0.30                       | -1.30                      | -2.83                          | -10.95                              | 23.33                      | 23.35                             | -0.02                       | -0.08                      |
| 2–5 percent                                                      | 1,937                                  | 265                                          | 18.74                | 18.41         | 21.47            | -0.33                       | -1.75                      | -3.06                          | -14.26                              | 18.74                      | 18.73                             | #                           | 0.03                       |
| Greater than 5 percent                                           | 2,312                                  | 292                                          | 24.01                | 23.96         | 24.36            | -0.04                       | -0.18                      | -0.39                          | -1.62                               | 24.01                      | 24.00                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-2a. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                               |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 5,691                                  | 788                                          | 51.06                | 50.20        | 58.25           | -0.86                       | -1.69                      | -8.05                          | -13.82                              | 51.06                      | 51.05                             | 0.01                        | 0.03                       |
| Greater than 80 percent                       | 6,190                                  | 581                                          | 48.94                | 49.80        | 41.75           | 0.86                        | 1.76                       | 8.05                           | 19.29                               | 48.94                      | 48.95                             | -0.01                       | -0.03                      |
| Number of part-time teachers                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 3,195                                  | 561                                          | 31.09                | 29.50        | 44.34           | -1.59 <sup>1</sup>          | -5.12                      | -14.84 <sup>1</sup>            | -33.47                              | 31.09                      | 31.08                             | 0.01                        | 0.03                       |
| 2–3                                           | 3,533                                  | 276                                          | 28.79                | 29.64        | 21.73           | 0.85 <sup>1</sup>           | 2.95                       | 7.92 <sup>1</sup>              | 36.43                               | 28.79                      | 28.79                             | 0.01                        | 0.03                       |
| 4–6                                           | 2,960                                  | 295                                          | 21.67                | 21.94        | 19.48           | 0.26                        | 1.22                       | 2.46                           | 12.63                               | 21.67                      | 21.67                             | 0.01                        | 0.03                       |
| 7+                                            | 2,193                                  | 237                                          | 18.45                | 18.92        | 14.46           | 0.48                        | 2.60                       | 4.47                           | 30.89                               | 18.45                      | 18.47                             | -0.02                       | -0.11                      |
| Full-time teachers certified                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 3,020                                  | 407                                          | 16.00                | 15.45        | 20.60           | -0.55                       | -3.45                      | -5.15                          | -25.01                              | 16.00                      | 16.00                             | #                           | 0.03                       |
| 91–99 percent                                 | 2,091                                  | 257                                          | 20.26                | 19.92        | 23.15           | -0.35                       | -1.71                      | -3.23                          | -13.96                              | 20.26                      | 20.26                             | 0.01                        | 0.03                       |
| 100 percent                                   | 6,770                                  | 705                                          | 63.74                | 64.64        | 56.25           | 0.90                        | 1.41                       | 8.38                           | 14.90                               | 63.74                      | 63.75                             | -0.01                       | -0.01                      |
| Student race/ethnicity                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,662                                  | 223                                          | 16.29                | 15.79        | 20.47           | -0.50                       | -3.08                      | -4.68                          | -22.85                              | 16.29                      | 16.29                             | #                           | 0.03                       |
| Asian                                         | 1,176                                  | 134                                          | 4.20                 | 4.16         | 4.57            | -0.04                       | -1.05                      | -0.41                          | -9.02                               | 4.20                       | 4.20                              | #                           | 0.03                       |
| Black or African American                     | 1,427                                  | 275                                          | 14.29                | 13.39        | 21.73           | -0.89 <sup>1</sup>          | -6.26                      | -8.34 <sup>1</sup>             | -38.38                              | 14.29                      | 14.30                             | -0.01                       | -0.07                      |
| All other races                               | 7,616                                  | 737                                          | 65.22                | 66.66        | 53.23           | 1.44 <sup>1</sup>           | 2.21                       | 13.43 <sup>1</sup>             | 25.23                               | 65.22                      | 65.21                             | #                           | 0.01                       |
| Number of days in school year                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,146                                  | 314                                          | 24.49                | 24.90        | 21.03           | 0.42                        | 1.70                       | 3.87                           | 18.42                               | 24.49                      | 24.48                             | 0.01                        | 0.03                       |
| 180 days                                      | 6,537                                  | 829                                          | 56.87                | 56.08        | 63.40           | -0.78                       | -1.38                      | -7.31                          | -11.54                              | 56.87                      | 56.85                             | 0.01                        | 0.03                       |
| More than 180 days                            | 2,198                                  | 226                                          | 18.65                | 19.02        | 15.58           | 0.37                        | 1.98                       | 3.44                           | 22.08                               | 18.65                      | 18.67                             | -0.02                       | -0.11                      |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                    | Means                               |                                                                | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                        | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Father's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 0.73                                    | 0.73                                | 0.73                                                           | #                      | #                      |
| Clerical               | 2.45                                    | 2.45                                | 2.46                                                           | -0.01                  | -0.01                  |
| Craftsperson           | 13.92                                   | 13.92                               | 13.92                                                          | #                      | #                      |
| Farmer, farm manager   | 2.23                                    | 2.23                                | 2.23                                                           | #                      | #                      |
| Homemaker              | 2.68                                    | 2.68                                | 2.68                                                           | #                      | #                      |
| Laborer                | 10.65                                   | 10.65                               | 10.66                                                          | -0.01                  | -0.01                  |
| Manager, administrator | 14.84                                   | 14.85                               | 14.82                                                          | 0.02 <sup>1</sup>      | 0.03                   |
| Military               | 1.34                                    | 1.34                                | 1.34                                                           | # <sup>1</sup>         | #                      |
| Operative              | 12.25                                   | 12.23                               | 12.27                                                          | -0.02                  | -0.04                  |
| Professional A         | 9.90                                    | 9.90                                | 9.88                                                           | 0.02 <sup>1</sup>      | 0.02                   |
| Professional B         | 4.66                                    | 4.66                                | 4.66                                                           | #                      | #                      |
| Proprietor, owner      | 5.58                                    | 5.58                                | 5.57                                                           | 0.01                   | 0.01                   |
| Protective service     | 3.47                                    | 3.47                                | 3.47                                                           | #                      | #                      |
| Sales                  | 5.28                                    | 5.28                                | 5.27                                                           | 0.01                   | 0.01                   |
| School teacher         | 1.34                                    | 1.34                                | 1.35                                                           | -0.01                  | -0.01                  |
| Service                | 3.88                                    | 3.88                                | 3.88                                                           | #                      | #                      |
| Technical              | 4.81                                    | 4.81                                | 4.80                                                           | 0.01                   | 0.01                   |
| Mother's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 3.20                                    | 3.20                                | 3.20                                                           | #                      | #                      |
| Clerical               | 16.70                                   | 16.70                               | 16.70                                                          | #                      | #                      |
| Craftsperson           | 2.36                                    | 2.36                                | 2.36                                                           | #                      | #                      |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Mother's occupation—Continued            |                                         |                                     |                                                                |                        |                        |
| Farmer, farm manager                     | 0.58                                    | 0.58                                | 0.58                                                           | #                      | #                      |
| Homemaker                                | 6.09                                    | 6.09                                | 6.09                                                           | #                      | #                      |
| Laborer                                  | 4.60                                    | 4.60                                | 4.60                                                           | #                      | #                      |
| Manager, administrator                   | 10.48                                   | 10.48                               | 10.48                                                          | #                      | #                      |
| Military                                 | 0.13                                    | 0.14                                | 0.13                                                           | #                      | 0.01                   |
| Operative                                | 4.35                                    | 4.34                                | 4.35                                                           | #                      | -0.01                  |
| Professional A                           | 13.51                                   | 13.50                               | 13.49                                                          | 0.02 <sup>1</sup>      | 0.01                   |
| Professional B                           | 3.47                                    | 3.47                                | 3.47                                                           | #                      | #                      |
| Proprietor, owner                        | 2.26                                    | 2.27                                | 2.27                                                           | -0.01                  | #                      |
| Protective service                       | 0.68                                    | 0.67                                | 0.68                                                           | #                      | -0.01                  |
| Sales                                    | 4.35                                    | 4.35                                | 4.35                                                           | #                      | #                      |
| School teacher                           | 6.35                                    | 6.35                                | 6.35                                                           | #                      | #                      |
| Service                                  | 15.95                                   | 15.96                               | 15.98                                                          | -0.03 <sup>1</sup>     | -0.02                  |
| Technical                                | 4.93                                    | 4.94                                | 4.94                                                           | -0.01                  | #                      |
| English is the student's native language |                                         |                                     |                                                                |                        |                        |
| No                                       | 14.18                                   | 14.17                               | 14.17                                                          | 0.01                   | #                      |
| Yes                                      | 85.82                                   | 85.83                               | 85.83                                                          | -0.01                  | #                      |
| Senior cohort member                     |                                         |                                     |                                                                |                        |                        |
| No                                       | 1.16                                    | 1.16                                | 1.16                                                           | #                      | #                      |
| Yes                                      | 98.84                                   | 98.84                               | 98.84                                                          | #                      | #                      |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Senior cohort member                                    |                                                |                                      |                                                                       |                        |                        |
| No                                                      | 13.47                                          | 13.48                                | 13.47                                                                 | #                      | 0.01                   |
| Yes                                                     | 86.53                                          | 86.52                                | 86.53                                                                 | #                      | -0.01                  |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.76                                          | 38.77                                | 38.73                                                                 | 0.03                   | 0.04                   |
| Greater than 2 percent                                  | 61.24                                          | 61.23                                | 61.27                                                                 | -0.03                  | -0.04                  |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.60                                          | 34.61                                | 34.57                                                                 | 0.03                   | 0.04                   |
| Greater than 4 percent                                  | 65.40                                          | 65.39                                | 65.43                                                                 | -0.03                  | -0.04                  |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.49                                           | 1.49                                 | 1.49                                                                  | #                      | #                      |
| \$1,001–\$5,000                                         | 1.84                                           | 1.84                                 | 1.83                                                                  | 0.01                   | 0.01                   |
| \$5,001–\$10,000                                        | 2.23                                           | 2.23                                 | 2.24                                                                  | -0.01                  | -0.01                  |
| \$10,001–\$15,000                                       | 4.28                                           | 4.28                                 | 4.28                                                                  | #                      | #                      |
| \$15,001–\$20,000                                       | 4.79                                           | 4.79                                 | 4.79                                                                  | #                      | #                      |
| \$20,001–\$25,000                                       | 6.44                                           | 6.44                                 | 6.45                                                                  | -0.01                  | -0.01                  |
| \$25,001–\$35,000                                       | 12.19                                          | 12.20                                | 12.19                                                                 | #                      | 0.01                   |
| \$35,001–\$50,000                                       | 19.47                                          | 19.47                                | 19.47                                                                 | #                      | #                      |
| \$50,001–\$75,000                                       | 21.17                                          | 21.17                                | 21.19                                                                 | -0.02                  | -0.02                  |
| \$75,001–\$100,000                                      | 13.40                                          | 13.39                                | 13.39                                                                 | 0.01                   | #                      |
| \$100,001–\$200,000                                     | 10.04                                          | 10.03                                | 10.03                                                                 | 0.01 <sup>1</sup>      | #                      |
| \$200,001 or more                                       | 2.67                                           | 2.67                                 | 2.67                                                                  | #                      | #                      |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Census region            |                                         |                                     |                                                                |                        |                        |
| Northeast                | 18.63                                   | 18.61                               | 18.63                                                          | #                      | -0.02                  |
| Midwest                  | 24.31                                   | 24.31                               | 24.31                                                          | #                      | #                      |
| South                    | 34.42                                   | 34.43                               | 34.42                                                          | #                      | 0.01                   |
| West                     | 22.64                                   | 22.65                               | 22.64                                                          | #                      | 0.01                   |
| School sector            |                                         |                                     |                                                                |                        |                        |
| Public                   | 92.32                                   | 92.32                               | 92.32                                                          | #                      | #                      |
| Catholic                 | 4.26                                    | 4.26                                | 4.26                                                           | #                      | #                      |
| Other private            | 3.42                                    | 3.42                                | 3.42                                                           | #                      | #                      |
| School urbanicity        |                                         |                                     |                                                                |                        |                        |
| Urban                    | 29.96                                   | 29.96                               | 29.94                                                          | 0.02                   | 0.02                   |
| Suburban                 | 50.32                                   | 50.31                               | 50.32                                                          | #                      | -0.01                  |
| Rural                    | 19.72                                   | 19.73                               | 19.73                                                          | -0.01                  | #                      |
| Minutes per class period |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 45 | 19.04                                   | 19.01                               | 19.04                                                          | #                      | -0.03                  |
| 46–50                    | 21.70                                   | 21.71                               | 21.70                                                          | #                      | 0.01                   |
| 51–80                    | 28.76                                   | 28.76                               | 28.76                                                          | #                      | #                      |
| 81+                      | 30.50                                   | 30.51                               | 30.50                                                          | #                      | 0.01                   |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Class periods per day        |                                                |                                      |                                                                       |                        |                        |
| 1–4                          | 31.49                                          | 31.50                                | 31.49                                                                 | #                      | 0.01                   |
| 5–6                          | 26.42                                          | 26.42                                | 26.40                                                                 | 0.02                   | 0.02                   |
| 7                            | 24.99                                          | 24.99                                | 25.01                                                                 | -0.02                  | -0.02                  |
| 8–9                          | 17.11                                          | 17.08                                | 17.09                                                                 | 0.02                   | -0.01                  |
| Is the school coeducational? |                                                |                                      |                                                                       |                        |                        |
| Yes                          | 98.00                                          | 98.00                                | 98.00                                                                 | #                      | #                      |
| No, all-female school        | 0.97                                           | 0.97                                 | 0.97                                                                  | #                      | #                      |
| No, all-male school          | 1.03                                           | 1.03                                 | 1.02                                                                  | 0.01                   | 0.01                   |
| 10th-grade enrollment        |                                                |                                      |                                                                       |                        |                        |
| 0–99                         | 12.48                                          | 12.48                                | 12.48                                                                 | #                      | #                      |
| 100–249                      | 22.33                                          | 22.33                                | 22.33                                                                 | #                      | #                      |
| 250–499                      | 36.12                                          | 36.10                                | 36.12                                                                 | #                      | -0.02                  |
| 500+                         | 29.07                                          | 29.08                                | 29.07                                                                 | #                      | 0.01                   |
| Total enrollment             |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 600    | 17.55                                          | 17.55                                | 17.55                                                                 | #                      | #                      |
| 601–1,200                    | 27.44                                          | 27.45                                | 27.44                                                                 | #                      | 0.01                   |
| 1,201–1,800                  | 26.19                                          | 26.17                                | 26.19                                                                 | #                      | -0.02                  |
| Greater than 1,800           | 28.82                                          | 28.83                                | 28.82                                                                 | #                      | 0.01                   |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                            | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Family composition                         |                                         |                                     |                                                                |                        |                        |
| Mother and father                          | 57.86                                   | 57.85                               | 57.84                                                          | 0.02                   | 0.01                   |
| Mother and male guardian                   | 13.06                                   | 13.06                               | 13.07                                                          | -0.01                  | -0.01                  |
| Father and female guardian                 | 3.12                                    | 3.12                                | 3.13                                                           | -0.01                  | -0.01                  |
| Two guardians                              | 1.79                                    | 1.79                                | 1.78                                                           | 0.01                   | 0.01                   |
| Mother only                                | 18.36                                   | 18.36                               | 18.37                                                          | -0.01                  | -0.01                  |
| Father only                                | 3.16                                    | 3.17                                | 3.16                                                           | #                      | 0.01                   |
| Female guardian only                       | 1.34                                    | 1.34                                | 1.34                                                           | #                      | #                      |
| Male guardian only                         | 0.28                                    | 0.28                                | 0.28                                                           | #                      | #                      |
| Lives with student less than half the year | 1.04                                    | 1.04                                | 1.04                                                           | #                      | #                      |
| Parent's highest level of education        |                                         |                                     |                                                                |                        |                        |
| Did not finish high school                 | 6.45                                    | 6.45                                | 6.43                                                           | 0.02                   | 0.02                   |
| Graduated from high school or GED          | 21.19                                   | 21.20                               | 21.22                                                          | -0.03 <sup>1</sup>     | -0.02                  |
| Attended 2-year school, no degree          | 11.45                                   | 11.45                               | 11.46                                                          | -0.01                  | -0.01                  |
| Graduated from 2-year school               | 11.16                                   | 11.16                               | 11.16                                                          | #                      | #                      |
| Attended college, no 4-year degree         | 11.43                                   | 11.41                               | 11.44                                                          | -0.01 <sup>1</sup>     | -0.03                  |
| Graduated from college                     | 21.87                                   | 21.88                               | 21.86                                                          | 0.01                   | 0.02                   |
| Completed Master's degree or equivalent    | 11.18                                   | 11.16                               | 11.15                                                          | 0.03 <sup>1</sup>      | 0.01                   |
| Completed PhD, MD, other advanced degree   | 5.28                                    | 5.28                                | 5.27                                                           | 0.01 <sup>1</sup>      | 0.01                   |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Socioeconomic quarter              |                                                |                                      |                                                                       |                        |                        |
| Lowest SES quarter                 | 24.85                                          | 24.86                                | 24.88                                                                 | -0.03 <sup>1</sup>     | -0.02                  |
| Second SES quarter                 | 25.39                                          | 25.40                                | 25.41                                                                 | -0.02                  | -0.01                  |
| Third SES quarter                  | 24.83                                          | 24.81                                | 24.80                                                                 | 0.03 <sup>1</sup>      | 0.01                   |
| Highest SES quarter                | 24.93                                          | 24.93                                | 24.90                                                                 | 0.03 <sup>1</sup>      | 0.03                   |
| Student sex                        |                                                |                                      |                                                                       |                        |                        |
| Male                               | 49.17                                          | 49.15                                | 49.17                                                                 | #                      | -0.02                  |
| Female                             | 50.83                                          | 50.85                                | 50.83                                                                 | #                      | 0.02                   |
| Free or reduced-price lunch        |                                                |                                      |                                                                       |                        |                        |
| 0                                  | 8.04                                           | 8.04                                 | 8.03                                                                  | 0.01                   | 0.01                   |
| 1–10                               | 25.01                                          | 24.99                                | 25.00                                                                 | 0.01                   | -0.01                  |
| 11–30                              | 35.97                                          | 35.98                                | 35.99                                                                 | -0.02                  | -0.01                  |
| Greater than 30                    | 30.99                                          | 31.00                                | 30.99                                                                 | #                      | 0.01                   |
| Number of full-time teachers       |                                                |                                      |                                                                       |                        |                        |
| 1–40                               | 18.03                                          | 18.04                                | 18.05                                                                 | -0.02                  | -0.01                  |
| 41–70                              | 23.32                                          | 23.33                                | 23.32                                                                 | #                      | 0.01                   |
| 71–100                             | 30.27                                          | 30.25                                | 30.26                                                                 | 0.01                   | -0.01                  |
| 101+                               | 28.38                                          | 28.38                                | 28.37                                                                 | 0.01                   | 0.01                   |
| Number of grades within the school |                                                |                                      |                                                                       |                        |                        |
| 4                                  | 79.73                                          | 79.73                                | 79.72                                                                 | 0.01                   | 0.01                   |
| Less than or greater than 4        | 20.27                                          | 20.27                                | 20.28                                                                 | -0.01                  | -0.01                  |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Types of grades within the school                                   |                                                |                                      |                                                                       |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.86                                           | 4.86                                 | 4.86                                                                  | #                      | #                      |
| Middle grades but no elementary                                     | 7.58                                           | 7.58                                 | 7.58                                                                  | #                      | #                      |
| Only high school                                                    | 87.56                                          | 87.56                                | 87.56                                                                 | #                      | #                      |
| Hispanic or Latino 10th-grade enrollment percent                    |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 3 percent                                     | 37.79                                          | 37.77                                | 37.77                                                                 | 0.02                   | #                      |
| Greater than 3 percent                                              | 62.21                                          | 62.23                                | 62.23                                                                 | -0.02                  | #                      |
| IEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 5 percent                                     | 26.27                                          | 26.27                                | 26.29                                                                 | -0.02                  | -0.02                  |
| 6–10 percent                                                        | 32.93                                          | 32.91                                | 32.92                                                                 | 0.01                   | -0.01                  |
| 11–15 percent                                                       | 26.82                                          | 26.83                                | 26.80                                                                 | 0.02                   | 0.03                   |
| Greater than 15 percent                                             | 13.99                                          | 13.99                                | 13.99                                                                 | #                      | #                      |
| LEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| 0 percent                                                           | 33.92                                          | 33.93                                | 33.92                                                                 | #                      | 0.01                   |
| 1 percent                                                           | 23.35                                          | 23.33                                | 23.35                                                                 | #                      | -0.02                  |
| 2–5 percent                                                         | 18.73                                          | 18.74                                | 18.73                                                                 | #                      | 0.01                   |
| Greater than 5 percent                                              | 24.00                                          | 24.01                                | 23.99                                                                 | 0.01                   | 0.02                   |
| All other races 10th-grade enrollment percent                       |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 80 percent                                    | 51.05                                          | 51.06                                | 51.06                                                                 | -0.01                  | #                      |
| Greater than 80 percent                                             | 48.95                                          | 48.94                                | 48.94                                                                 | 0.01                   | #                      |

See notes at end of table.

**Table H-2b. Nonresponse bias before and after weight adjustments for the sample using the F3Q transcript weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|-------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Number of part-time teachers  |                                                |                                      |                                                                       |                        |                        |
| 0–1                           | 31.08                                          | 31.09                                | 31.06                                                                 | 0.02                   | 0.03                   |
| 2–3                           | 28.79                                          | 28.79                                | 28.78                                                                 | 0.01                   | 0.01                   |
| 4–6                           | 21.67                                          | 21.67                                | 21.68                                                                 | -0.01                  | -0.01                  |
| 7+                            | 18.47                                          | 18.45                                | 18.48                                                                 | -0.01                  | -0.03                  |
| Full-time teachers certified  |                                                |                                      |                                                                       |                        |                        |
| 0–90 percent                  | 16.00                                          | 16.00                                | 16.01                                                                 | -0.01                  | -0.01                  |
| 91–99 percent                 | 20.26                                          | 20.26                                | 20.25                                                                 | 0.01                   | 0.01                   |
| 100 percent                   | 63.75                                          | 63.74                                | 63.73                                                                 | 0.02                   | 0.01                   |
| Student race/ethnicity        |                                                |                                      |                                                                       |                        |                        |
| Hispanic or Latino            | 16.29                                          | 16.29                                | 16.29                                                                 | #                      | #                      |
| Asian                         | 4.20                                           | 4.20                                 | 4.20                                                                  | #                      | #                      |
| Black or African American     | 14.30                                          | 14.29                                | 14.30                                                                 | #                      | -0.01                  |
| All other races               | 65.21                                          | 65.22                                | 65.21                                                                 | #                      | 0.01                   |
| Number of days in school year |                                                |                                      |                                                                       |                        |                        |
| Less than 180 days            | 24.48                                          | 24.49                                | 24.47                                                                 | 0.01                   | 0.02                   |
| 180 days                      | 56.85                                          | 56.87                                | 56.87                                                                 | -0.02                  | #                      |
| More than 180 days            | 18.67                                          | 18.65                                | 18.67                                                                 | #                      | -0.02                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Father's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 132                                    | 39                                           | 0.76                 | 0.74        | 0.86           | -0.02                       | -2.56                      | -0.12                          | -13.86                              | 0.76                       | 0.76                              | #                           | -0.04                      |
| Clerical               | 311                                    | 62                                           | 2.48                 | 2.49        | 2.45           | 0.01                        | 0.24                       | 0.04                           | 1.49                                | 2.48                       | 2.49                              | #                           | -0.04                      |
| Craftsperson           | 1,656                                  | 331                                          | 13.94                | 13.47       | 16.34          | -0.47 <sup>1</sup>          | -3.37                      | -2.87 <sup>1</sup>             | -17.57                              | 13.94                      | 13.94                             | -0.01                       | -0.04                      |
| Farmer, farm manager   | 245                                    | 51                                           | 2.23                 | 2.25        | 2.14           | 0.02                        | 0.77                       | 0.10                           | 4.89                                | 2.23                       | 2.23                              | #                           | -0.04                      |
| Homemaker              | 303                                    | 92                                           | 2.62                 | 2.37        | 3.90           | -0.25 <sup>1</sup>          | -9.59                      | -1.53 <sup>1</sup>             | -39.33                              | 2.62                       | 2.62                              | #                           | -0.04                      |
| Laborer                | 1,313                                  | 308                                          | 10.64                | 10.22       | 12.83          | -0.43 <sup>1</sup>          | -4.02                      | -2.62 <sup>1</sup>             | -20.40                              | 10.64                      | 10.65                             | #                           | -0.04                      |
| Manager, administrator | 1,965                                  | 330                                          | 14.78                | 15.22       | 12.52          | 0.44 <sup>1</sup>           | 2.99                       | 2.70 <sup>1</sup>              | 21.59                               | 14.78                      | 14.78                             | -0.01                       | -0.04                      |
| Military               | 174                                    | 34                                           | 1.34                 | 1.39        | 1.07           | 0.05                        | 3.86                       | 0.31                           | 29.38                               | 1.34                       | 1.34                              | #                           | -0.04                      |
| Operative              | 1,466                                  | 337                                          | 12.34                | 11.91       | 14.53          | -0.43 <sup>1</sup>          | -3.47                      | -2.62 <sup>1</sup>             | -18.04                              | 12.34                      | 12.31                             | 0.03                        | 0.20                       |
| Professional A         | 1,461                                  | 207                                          | 9.86                 | 10.30       | 7.61           | 0.44 <sup>1</sup>           | 4.46                       | 2.69 <sup>1</sup>              | 35.38                               | 9.86                       | 9.85                              | 0.01                        | 0.08                       |
| Professional B         | 840                                    | 86                                           | 4.61                 | 4.92        | 3.06           | 0.30 <sup>1</sup>           | 6.60                       | 1.86 <sup>1</sup>              | 60.91                               | 4.61                       | 4.62                              | #                           | -0.04                      |
| Proprietor, owner      | 792                                    | 159                                          | 5.61                 | 5.52        | 6.04           | -0.09                       | -1.52                      | -0.52                          | -8.64                               | 5.61                       | 5.61                              | #                           | -0.04                      |
| Protective service     | 444                                    | 83                                           | 3.49                 | 3.55        | 3.19           | 0.06                        | 1.71                       | 0.37                           | 11.48                               | 3.49                       | 3.49                              | #                           | -0.04                      |
| Sales                  | 682                                    | 121                                          | 5.30                 | 5.46        | 4.46           | 0.16                        | 3.09                       | 1.00                           | 22.43                               | 5.30                       | 5.30                              | #                           | -0.04                      |
| School teacher         | 195                                    | 20                                           | 1.32                 | 1.43        | 0.78           | 0.11 <sup>1</sup>           | 8.08                       | 0.65 <sup>1</sup>              | 84.28                               | 1.32                       | 1.32                              | #                           | -0.04                      |
| Service                | 526                                    | 112                                          | 3.86                 | 3.82        | 4.09           | -0.05                       | -1.17                      | -0.28                          | -6.73                               | 3.86                       | 3.86                              | #                           | -0.04                      |
| Technical              | 627                                    | 101                                          | 4.83                 | 4.96        | 4.13           | 0.14                        | 2.81                       | 0.83                           | 20.10                               | 4.83                       | 4.83                              | #                           | -0.04                      |
| Mother's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No job for pay         | 486                                    | 115                                          | 3.26                 | 3.23        | 3.40           | -0.03                       | -0.86                      | -0.17                          | -5.02                               | 3.26                       | 3.26                              | #                           | -0.04                      |
| Clerical               | 2,138                                  | 365                                          | 16.76                | 16.87       | 16.21          | 0.11                        | 0.64                       | 0.66                           | 4.07                                | 16.76                      | 16.77                             | -0.01                       | -0.04                      |
| Craftsperson           | 288                                    | 59                                           | 2.39                 | 2.26        | 3.07           | -0.13                       | -5.54                      | -0.81                          | -26.41                              | 2.39                       | 2.39                              | #                           | -0.04                      |
| Farmer, farm manager   | 67                                     | 16                                           | 0.60                 | 0.56        | 0.80           | -0.04                       | -6.66                      | -0.24                          | -30.38                              | 0.60                       | 0.58                              | 0.01                        | 1.92                       |
| Homemaker              | 658                                    | 195                                          | 6.01                 | 5.59        | 8.15           | -0.42 <sup>1</sup>          | -6.96                      | -2.56 <sup>1</sup>             | -31.38                              | 6.01                       | 6.02                              | #                           | -0.04                      |
| Laborer                | 562                                    | 125                                          | 4.60                 | 4.39        | 5.65           | -0.21                       | -4.49                      | -1.26                          | -22.31                              | 4.60                       | 4.61                              | -0.01                       | -0.30                      |
| Manager, administrator | 1,418                                  | 257                                          | 10.51                | 10.60       | 10.09          | 0.08                        | 0.79                       | 0.51                           | 5.06                                | 10.51                      | 10.52                             | #                           | -0.04                      |
| Military               | 22                                     | 4                                            | 0.14                 | 0.15        | 0.13           | #                           | 2.35                       | 0.02                           | 16.31                               | 0.14                       | 0.14                              | #                           | 1.39                       |
| Operative              | 529                                    | 114                                          | 4.35                 | 4.30        | 4.62           | -0.05                       | -1.21                      | -0.32                          | -6.96                               | 4.35                       | 4.33                              | 0.02                        | 0.36                       |
| Professional A         | 1,936                                  | 283                                          | 13.37                | 13.96       | 10.30          | 0.60 <sup>1</sup>           | 4.48                       | 3.66 <sup>1</sup>              | 35.57                               | 13.37                      | 13.36                             | 0.01                        | 0.05                       |
| Professional B         | 535                                    | 75                                           | 3.44                 | 3.62        | 2.47           | 0.19 <sup>1</sup>           | 5.51                       | 1.16 <sup>1</sup>              | 46.93                               | 3.44                       | 3.42                              | 0.01                        | 0.31                       |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                         | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                         |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                         |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Mother's occupation—Continued                           |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Proprietor, owner                                       | 316                                    | 58                                           | 2.29                 | 2.25         | 2.51            | -0.04                       | -1.92                      | -0.27                          | -10.67                              | 2.29                       | 2.29                              | #                           | -0.04                      |
| Protective service                                      | 94                                     | 18                                           | 0.67                 | 0.68         | 0.58            | 0.02                        | 2.63                       | 0.11                           | 18.56                               | 0.67                       | 0.67                              | #                           | -0.35                      |
| Sales                                                   | 555                                    | 114                                          | 4.42                 | 4.28         | 5.14            | -0.14                       | -3.19                      | -0.86                          | -16.76                              | 4.42                       | 4.42                              | #                           | -0.04                      |
| School teacher                                          | 893                                    | 120                                          | 6.32                 | 6.71         | 4.33            | 0.39 <sup>1</sup>           | 6.16                       | 2.38 <sup>1</sup>              | 55.04                               | 6.32                       | 6.32                              | #                           | -0.04                      |
| Service                                                 | 1,989                                  | 431                                          | 15.94                | 15.65        | 17.43           | -0.29                       | -1.82                      | -1.78                          | -10.19                              | 15.94                      | 15.95                             | -0.01                       | -0.04                      |
| Technical                                               | 646                                    | 124                                          | 4.94                 | 4.90         | 5.13            | -0.04                       | -0.77                      | -0.23                          | -4.54                               | 4.94                       | 4.94                              | #                           | -0.04                      |
| English is the student's native language                |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 2,164                                  | 506                                          | 13.82                | 13.18        | 17.08           | -0.64 <sup>1</sup>          | -4.62                      | -3.90 <sup>1</sup>             | -22.83                              | 13.82                      | 13.81                             | 0.01                        | 0.08                       |
| Yes                                                     | 10,968                                 | 1,967                                        | 86.18                | 86.82        | 82.92           | 0.64 <sup>1</sup>           | 0.74                       | 3.90 <sup>1</sup>              | 4.70                                | 86.18                      | 86.19                             | -0.01                       | -0.01                      |
| Senior cohort member                                    |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,598                                  | 519                                          | 15.24                | 13.98        | 21.71           | -1.26 <sup>1</sup>          | -8.30                      | -7.73 <sup>1</sup>             | -35.61                              | 15.24                      | 15.25                             | -0.01                       | -0.04                      |
| Yes                                                     | 11,534                                 | 1,954                                        | 84.76                | 86.02        | 78.29           | 1.26 <sup>1</sup>           | 1.49                       | 7.73 <sup>1</sup>              | 9.87                                | 84.76                      | 84.75                             | 0.01                        | 0.01                       |
| Asian 10th grade enrollment percent                     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 2 percent                         | 5,126                                  | 917                                          | 38.64                | 38.80        | 37.85           | 0.15                        | 0.40                       | 0.95                           | 2.50                                | 38.64                      | 38.66                             | -0.02                       | -0.04                      |
| Greater than 2 percent                                  | 8,006                                  | 1,556                                        | 61.36                | 61.20        | 62.15           | -0.15                       | -0.25                      | -0.95                          | -1.52                               | 61.36                      | 61.34                             | 0.02                        | 0.03                       |
| Black or African American 10th grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 4 percent                         | 4,531                                  | 769                                          | 34.46                | 34.96        | 31.90           | 0.50 <sup>1</sup>           | 1.45                       | 3.06 <sup>1</sup>              | 9.60                                | 34.46                      | 34.48                             | -0.01                       | -0.04                      |
| Greater than 4 percent                                  | 8,601                                  | 1,704                                        | 65.54                | 65.04        | 68.10           | -0.50 <sup>1</sup>          | -0.76                      | -3.06 <sup>1</sup>             | -4.50                               | 65.54                      | 65.52                             | 0.01                        | 0.02                       |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Income              |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| \$1,000 or less     | 187                                    | 58                                           | 1.51                 | 1.34         | 2.39            | -0.17 <sup>1</sup>          | -11.38                     | -1.05 <sup>1</sup>             | -43.98                     | 1.51                                | 1.51                              | #                           | -0.04                      |
| \$1,001–\$5,000     | 235                                    | 59                                           | 1.87                 | 1.83         | 2.09            | -0.04                       | -2.33                      | -0.27                          | -12.73                     | 1.87                                | 1.87                              | #                           | -0.04                      |
| \$5,001–\$10,000    | 266                                    | 72                                           | 2.21                 | 2.04         | 3.07            | -0.17 <sup>1</sup>          | -7.67                      | -1.04 <sup>1</sup>             | -33.69                     | 2.21                                | 2.21                              | #                           | -0.04                      |
| \$10,001–\$15,000   | 529                                    | 139                                          | 4.36                 | 4.10         | 5.67            | -0.26 <sup>1</sup>          | -5.88                      | -1.57 <sup>1</sup>             | -27.65                     | 4.36                                | 4.36                              | #                           | -0.04                      |
| \$15,001–\$20,000   | 595                                    | 157                                          | 4.86                 | 4.57         | 6.36            | -0.29 <sup>1</sup>          | -6.02                      | -1.79 <sup>1</sup>             | -28.14                     | 4.86                                | 4.87                              | #                           | -0.04                      |
| \$20,001–\$25,000   | 764                                    | 189                                          | 6.49                 | 6.25         | 7.71            | -0.24                       | -3.67                      | -1.46                          | -18.90                     | 6.49                                | 6.49                              | #                           | -0.04                      |
| \$25,001–\$35,000   | 1,497                                  | 325                                          | 12.27                | 12.12        | 13.05           | -0.15                       | -1.25                      | -0.94                          | -7.16                      | 12.27                               | 12.28                             | -0.01                       | -0.04                      |
| \$35,001–\$50,000   | 2,421                                  | 494                                          | 19.58                | 19.33        | 20.87           | -0.25                       | -1.29                      | -1.55                          | -7.40                      | 19.58                               | 19.59                             | -0.01                       | -0.04                      |
| \$50,001–\$75,000   | 2,744                                  | 456                                          | 21.05                | 21.52        | 18.68           | 0.47 <sup>1</sup>           | 2.21                       | 2.84 <sup>1</sup>              | 15.23                      | 21.05                               | 21.06                             | -0.01                       | -0.04                      |
| \$75,001–\$100,000  | 1,839                                  | 263                                          | 13.29                | 13.92        | 10.03           | 0.64 <sup>1</sup>           | 4.80                       | 3.90 <sup>1</sup>              | 38.88                      | 13.29                               | 13.27                             | 0.02                        | 0.15                       |
| \$100,001–\$200,000 | 1,550                                  | 199                                          | 9.92                 | 10.30        | 8.01            | 0.37 <sup>1</sup>           | 3.77                       | 2.29 <sup>1</sup>              | 28.58                      | 9.92                                | 9.91                              | 0.01                        | 0.13                       |
| \$200,001 or more   | 505                                    | 62                                           | 2.59                 | 2.69         | 2.07            | 0.10                        | 3.90                       | 0.62                           | 29.77                      | 2.59                                | 2.59                              | #                           | -0.04                      |
| Census region       |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Northeast           | 2,340                                  | 503                                          | 18.00                | 17.65        | 19.81           | -0.35                       | -1.96                      | -2.16                          | -10.91                     | 18.00                               | 17.97                             | 0.04                        | 0.20                       |
| Midwest             | 3,380                                  | 555                                          | 24.29                | 24.52        | 23.09           | 0.23                        | 0.96                       | 1.43                           | 6.18                       | 24.29                               | 24.30                             | -0.01                       | -0.04                      |
| South               | 4,768                                  | 886                                          | 34.67                | 34.88        | 33.62           | 0.21                        | 0.59                       | 1.26                           | 3.75                       | 34.67                               | 34.69                             | -0.01                       | -0.04                      |
| West                | 2,644                                  | 529                                          | 23.04                | 22.95        | 23.48           | -0.09                       | -0.37                      | -0.52                          | -2.23                      | 23.04                               | 23.05                             | -0.01                       | -0.04                      |
| School sector       |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Public              | 10,160                                 | 2,113                                        | 92.45                | 91.97        | 94.91           | -0.48 <sup>1</sup>          | -0.52                      | -2.95 <sup>1</sup>             | -3.11                      | 92.45                               | 92.44                             | #                           | #                          |
| Catholic            | 1,734                                  | 201                                          | 4.24                 | 4.55         | 2.68            | 0.31 <sup>1</sup>           | 7.22                       | 1.87 <sup>1</sup>              | 70.02                      | 4.24                                | 4.25                              | #                           | -0.04                      |
| Other private       | 1,238                                  | 159                                          | 3.31                 | 3.48         | 2.41            | 0.18 <sup>1</sup>           | 5.32                       | 1.08 <sup>1</sup>              | 44.64                      | 3.31                                | 3.31                              | #                           | -0.08                      |
| School urbanicity   |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Urban               | 4,484                                  | 798                                          | 29.95                | 30.14        | 29.01           | 0.18                        | 0.61                       | 1.12                           | 3.88                       | 29.95                               | 29.97                             | -0.01                       | -0.04                      |
| Suburban            | 6,275                                  | 1,213                                        | 50.24                | 50.00        | 51.47           | -0.24                       | -0.48                      | -1.47                          | -2.85                      | 50.24                               | 50.22                             | 0.02                        | 0.04                       |
| Rural               | 2,373                                  | 462                                          | 19.81                | 19.86        | 19.52           | 0.06                        | 0.28                       | 0.34                           | 1.76                       | 19.81                               | 19.82                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Minutes per class period     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 3,112                                  | 597                                          | 18.59                | 18.31        | 20.00           | -0.28                       | -1.48                      | -1.68                          | -8.42                               | 18.59                      | 18.55                             | 0.03                        | 0.19                       |
| 46–50                        | 2,840                                  | 506                                          | 21.75                | 21.74        | 21.76           | #                           | -0.01                      | -0.01                          | -0.06                               | 21.75                      | 21.76                             | -0.01                       | -0.04                      |
| 51–80                        | 3,489                                  | 664                                          | 28.99                | 29.18        | 27.97           | 0.20                        | 0.68                       | 1.21                           | 4.33                                | 28.99                      | 29.00                             | -0.01                       | -0.04                      |
| 81+                          | 3,691                                  | 706                                          | 30.68                | 30.76        | 30.27           | 0.08                        | 0.26                       | 0.49                           | 1.61                                | 30.68                      | 30.69                             | -0.01                       | -0.04                      |
| Class periods per day        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,822                                  | 712                                          | 31.63                | 31.81        | 30.69           | 0.18                        | 0.58                       | 1.13                           | 3.67                                | 31.63                      | 31.64                             | -0.01                       | -0.04                      |
| 5–6                          | 3,181                                  | 636                                          | 26.73                | 26.72        | 26.81           | -0.02                       | -0.06                      | -0.09                          | -0.35                               | 26.73                      | 26.75                             | -0.01                       | -0.04                      |
| 7                            | 3,589                                  | 647                                          | 24.80                | 24.75        | 25.04           | -0.05                       | -0.19                      | -0.28                          | -1.14                               | 24.80                      | 24.81                             | -0.01                       | -0.04                      |
| 8–9                          | 2,540                                  | 478                                          | 16.84                | 16.71        | 17.46           | -0.12                       | -0.73                      | -0.75                          | -4.28                               | 16.84                      | 16.80                             | 0.04                        | 0.21                       |
| Is the school coeducational? |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 12,433                                 | 2,391                                        | 98.03                | 97.88        | 98.77           | -0.14 <sup>1</sup>          | -0.15                      | -0.88 <sup>1</sup>             | -0.89                               | 98.03                      | 98.03                             | #                           | #                          |
| No, all-female school        | 336                                    | 30                                           | 0.96                 | 1.05         | 0.50            | 0.09 <sup>1</sup>           | 9.32                       | 0.55 <sup>1</sup>              | 108.82                              | 0.96                       | 0.96                              | #                           | -0.04                      |
| No, all-male school          | 363                                    | 52                                           | 1.01                 | 1.07         | 0.73            | 0.05 <sup>1</sup>           | 5.44                       | 0.34 <sup>1</sup>              | 46.13                               | 1.01                       | 1.01                              | #                           | -0.04                      |
| 10th-grade enrollment        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,565                                  | 446                                          | 12.44                | 12.45        | 12.41           | 0.01                        | 0.04                       | 0.03                           | 0.27                                | 12.44                      | 12.45                             | -0.01                       | -0.04                      |
| 100–249                      | 3,398                                  | 601                                          | 22.22                | 22.31        | 21.71           | 0.10                        | 0.45                       | 0.61                           | 2.80                                | 22.22                      | 22.22                             | -0.01                       | -0.04                      |
| 250–499                      | 4,190                                  | 809                                          | 36.21                | 36.02        | 37.16           | -0.19                       | -0.52                      | -1.15                          | -3.09                               | 36.21                      | 36.18                             | 0.03                        | 0.08                       |
| 500+                         | 2,979                                  | 617                                          | 29.14                | 29.22        | 28.72           | 0.08                        | 0.28                       | 0.51                           | 1.76                                | 29.14                      | 29.15                             | -0.01                       | -0.04                      |
| Total enrollment             |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 3,100                                  | 554                                          | 17.52                | 17.44        | 17.92           | -0.08                       | -0.45                      | -0.48                          | -2.70                               | 17.52                      | 17.52                             | -0.01                       | -0.04                      |
| 601–1,200                    | 3,967                                  | 721                                          | 27.36                | 27.34        | 27.46           | -0.02                       | -0.07                      | -0.12                          | -0.43                               | 27.36                      | 27.37                             | -0.01                       | -0.04                      |
| 1,201–1,800                  | 2,984                                  | 560                                          | 26.12                | 26.27        | 25.36           | 0.15                        | 0.57                       | 0.91                           | 3.60                                | 26.12                      | 26.09                             | 0.03                        | 0.12                       |
| Greater than 1,800           | 3,081                                  | 638                                          | 29.00                | 28.95        | 29.26           | -0.05                       | -0.17                      | -0.31                          | -1.06                               | 29.00                      | 29.01                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Mother and father                          | 8,039                                  | 1,271                                        | 57.66                | 59.18       | 49.88          | 1.52 <sup>1</sup>           | 2.64                       | 9.30 <sup>1</sup>              | 18.65                               | 57.66                      | 57.64                             | 0.02                        | 0.03                       |
| Mother and male guardian                   | 1,513                                  | 359                                          | 13.13                | 12.68       | 15.40          | -0.44 <sup>1</sup>          | -3.38                      | -2.71 <sup>1</sup>             | -17.61                              | 13.13                      | 13.13                             | -0.01                       | -0.04                      |
| Father and female guardian                 | 392                                    | 107                                          | 3.15                 | 2.87        | 4.59           | -0.28 <sup>1</sup>          | -8.94                      | -1.72 <sup>1</sup>             | -37.52                              | 3.15                       | 3.15                              | #                           | -0.04                      |
| Two guardians                              | 210                                    | 50                                           | 1.79                 | 1.68        | 2.32           | -0.10                       | -5.85                      | -0.64                          | -27.53                              | 1.79                       | 1.79                              | #                           | -0.04                      |
| Mother only                                | 2,285                                  | 511                                          | 18.47                | 18.07       | 20.52          | -0.40 <sup>1</sup>          | -2.17                      | -2.45 <sup>1</sup>             | -11.95                              | 18.47                      | 18.47                             | -0.01                       | -0.04                      |
| Father only                                | 366                                    | 92                                           | 3.19                 | 3.04        | 3.99           | -0.16                       | -4.87                      | -0.95                          | -23.83                              | 3.19                       | 3.19                              | #                           | -0.04                      |
| Female guardian only                       | 153                                    | 49                                           | 1.33                 | 1.16        | 2.25           | -0.18 <sup>1</sup>          | -13.37                     | -1.09 <sup>1</sup>             | -48.56                              | 1.33                       | 1.31                              | 0.02                        | 1.54                       |
| Male guardian only                         | 37                                     | 13                                           | 0.26                 | 0.25        | 0.35           | -0.02                       | -6.32                      | -0.10                          | -29.19                              | 0.26                       | 0.28                              | -0.02                       | -8.10                      |
| Lives with student less than half the year | 137                                    | 21                                           | 1.03                 | 1.08        | 0.72           | 0.06                        | 5.78                       | 0.36                           | 50.15                               | 1.03                       | 1.03                              | #                           | -0.04                      |
| Parent's highest level of education        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Did not finish high school                 | 765                                    | 209                                          | 6.50                 | 5.98        | 9.19           | -0.53 <sup>1</sup>          | -8.07                      | -3.21 <sup>1</sup>             | -34.93                              | 6.50                       | 6.51                              | #                           | -0.04                      |
| Graduated from high school or GED          | 2,478                                  | 649                                          | 21.41                | 20.16       | 27.84          | -1.26 <sup>1</sup>          | -5.87                      | -7.68 <sup>1</sup>             | -27.60                              | 21.41                      | 21.41                             | #                           | 0.01                       |
| Attended 2-year school, no degree          | 1,388                                  | 286                                          | 11.50                | 11.30       | 12.53          | -0.20                       | -1.75                      | -1.23                          | -9.84                               | 11.50                      | 11.51                             | #                           | -0.04                      |
| Graduated from 2-year school               | 1,356                                  | 252                                          | 11.14                | 11.10       | 11.33          | -0.04                       | -0.33                      | -0.23                          | -2.01                               | 11.14                      | 11.14                             | #                           | -0.04                      |
| Attended college, no 4-year degree         | 1,483                                  | 279                                          | 11.41                | 11.36       | 11.70          | -0.06                       | -0.49                      | -0.34                          | -2.91                               | 11.41                      | 11.40                             | 0.01                        | 0.07                       |
| Graduated from college                     | 3,018                                  | 509                                          | 21.75                | 22.38       | 18.52          | 0.63 <sup>1</sup>           | 2.90                       | 3.86 <sup>1</sup>              | 20.85                               | 21.75                      | 21.76                             | -0.01                       | -0.04                      |
| Completed Master's degree or equivalent    | 1,662                                  | 194                                          | 11.07                | 12.02       | 6.21           | 0.95 <sup>1</sup>           | 8.58                       | 5.80 <sup>1</sup>              | 93.45                               | 11.07                      | 11.05                             | 0.01                        | 0.12                       |
| Completed PhD, MD, other advanced degree   | 982                                    | 95                                           | 5.21                 | 5.71        | 2.68           | 0.50 <sup>1</sup>           | 9.51                       | 3.03 <sup>1</sup>              | 113.17                              | 5.21                       | 5.21                              | #                           | -0.04                      |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,944                                  | 775                                          | 25.01                | 23.30       | 33.73          | -1.71 <sup>1</sup>          | -6.82                      | -10.43 <sup>1</sup>            | -30.93                              | 25.01                      | 25.02                             | -0.01                       | -0.04                      |
| Second SES quarter                 | 3,087                                  | 633                                          | 25.57                | 25.33       | 26.80          | -0.24                       | -0.94                      | -1.46                          | -5.47                               | 25.57                      | 25.58                             | -0.01                       | -0.04                      |
| Third SES quarter                  | 3,196                                  | 603                                          | 24.79                | 24.97       | 23.87          | 0.18                        | 0.72                       | 1.10                           | 4.60                                | 24.79                      | 24.76                             | 0.03                        | 0.13                       |
| Highest SES quarter                | 3,905                                  | 462                                          | 24.63                | 26.40       | 15.60          | 1.77 <sup>1</sup>           | 7.17                       | 10.80 <sup>1</sup>             | 69.24                               | 24.63                      | 24.64                             | -0.01                       | -0.04                      |
| Student sex                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 6,211                                  | 1,468                                        | 49.55                | 47.54       | 59.79          | -2.00 <sup>1</sup>          | -4.04                      | -12.25 <sup>1</sup>            | -20.48                              | 49.55                      | 49.54                             | 0.01                        | 0.02                       |
| Female                             | 6,921                                  | 1,005                                        | 50.45                | 52.46       | 40.21          | 2.00 <sup>1</sup>           | 3.97                       | 12.25 <sup>1</sup>             | 30.46                               | 50.45                      | 50.46                             | -0.01                       | -0.02                      |
| Free or reduced-price lunch        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,437                                  | 305                                          | 7.95                 | 8.38        | 5.72           | 0.44 <sup>1</sup>           | 5.48                       | 2.67 <sup>1</sup>              | 46.60                               | 7.95                       | 7.95                              | #                           | -0.04                      |
| 1–10                               | 3,014                                  | 517                                          | 24.86                | 25.30       | 22.62          | 0.44 <sup>1</sup>           | 1.76                       | 2.68 <sup>1</sup>              | 11.85                               | 24.86                      | 24.83                             | 0.03                        | 0.13                       |
| 11–30                              | 3,931                                  | 766                                          | 36.10                | 36.31       | 35.04          | 0.21                        | 0.57                       | 1.27                           | 3.61                                | 36.10                      | 36.12                             | -0.02                       | -0.04                      |
| Greater than 30                    | 3,750                                  | 885                                          | 31.09                | 30.01       | 36.62          | -1.08 <sup>1</sup>          | -3.48                      | -6.61 <sup>1</sup>             | -18.05                              | 31.09                      | 31.11                             | -0.01                       | -0.04                      |
| Number of full-time teachers       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 3,435                                  | 603                                          | 18.05                | 18.07       | 17.96          | 0.02                        | 0.09                       | 0.10                           | 0.58                                | 18.05                      | 18.06                             | -0.01                       | -0.04                      |
| 41–70                              | 3,326                                  | 615                                          | 23.27                | 23.24       | 23.45          | -0.03                       | -0.15                      | -0.21                          | -0.90                               | 23.27                      | 23.28                             | -0.01                       | -0.04                      |
| 71–100                             | 3,361                                  | 657                                          | 30.44                | 30.64       | 29.45          | 0.19                        | 0.64                       | 1.18                           | 4.02                                | 30.44                      | 30.41                             | 0.03                        | 0.10                       |
| 101+                               | 3,010                                  | 598                                          | 28.23                | 28.06       | 29.14          | -0.18                       | -0.62                      | -1.08                          | -3.70                               | 28.23                      | 28.25                             | -0.01                       | -0.04                      |
| Number of grades within the school |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 10,009                                 | 1,922                                        | 79.82                | 79.52       | 81.40          | -0.31                       | -0.39                      | -1.88                          | -2.32                               | 79.82                      | 79.82                             | 0.01                        | 0.01                       |
| Less than or greater than 4        | 3,123                                  | 551                                          | 20.18                | 20.48       | 18.60          | 0.31                        | 1.53                       | 1.88                           | 10.13                               | 20.18                      | 20.18                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 881                                    | 125                                          | 4.88                 | 4.97        | 4.42           | 0.09                        | 1.86                       | 0.55                           | 12.54                      | 4.88                                | 4.88                              | #                           | -0.04                      |
| Middle grades but no elementary                                  | 1,363                                  | 264                                          | 7.52                 | 7.58        | 7.23           | 0.06                        | 0.75                       | 0.35                           | 4.77                       | 7.52                                | 7.53                              | #                           | -0.04                      |
| Only high school                                                 | 10,888                                 | 2,084                                        | 87.60                | 87.45       | 88.35          | -0.15                       | -0.17                      | -0.90                          | -1.02                      | 87.60                               | 87.59                             | 0.01                        | 0.01                       |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 5,146                                  | 874                                          | 37.69                | 38.61       | 32.95          | 0.93 <sup>1</sup>           | 2.46                       | 5.66 <sup>1</sup>              | 17.17                      | 37.69                               | 37.66                             | 0.03                        | 0.07                       |
| Greater than 3 percent                                           | 7,986                                  | 1,599                                        | 62.31                | 61.39       | 67.05          | -0.93 <sup>1</sup>          | -1.49                      | -5.66 <sup>1</sup>             | -8.44                      | 62.31                               | 62.34                             | -0.03                       | -0.04                      |
| IEP percentage                                                   |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 5,240                                  | 795                                          | 26.17                | 26.71       | 23.41          | 0.54 <sup>1</sup>           | 2.06                       | 3.30 <sup>1</sup>              | 14.08                      | 26.17                               | 26.18                             | -0.01                       | -0.04                      |
| 6–10 percent                                                     | 3,298                                  | 716                                          | 32.97                | 32.74       | 34.12          | -0.23                       | -0.69                      | -1.38                          | -4.05                      | 32.97                               | 32.94                             | 0.03                        | 0.09                       |
| 11–15 percent                                                    | 2,912                                  | 567                                          | 26.79                | 26.71       | 27.21          | -0.08                       | -0.30                      | -0.50                          | -1.83                      | 26.79                               | 26.81                             | -0.01                       | -0.04                      |
| Greater than 15 percent                                          | 1,682                                  | 395                                          | 14.07                | 13.84       | 15.26          | -0.23                       | -1.65                      | -1.42                          | -9.29                      | 14.07                               | 14.08                             | -0.01                       | -0.04                      |
| LEP percentage                                                   |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| 0 percent                                                        | 5,763                                  | 942                                          | 33.85                | 34.29       | 31.62          | 0.44                        | 1.29                       | 2.67                           | 8.44                       | 33.85                               | 33.87                             | -0.01                       | -0.04                      |
| 1 percent                                                        | 2,620                                  | 481                                          | 23.27                | 23.59       | 21.63          | 0.32                        | 1.38                       | 1.96                           | 9.05                       | 23.27                               | 23.24                             | 0.03                        | 0.14                       |
| 2–5 percent                                                      | 2,187                                  | 444                                          | 18.80                | 18.83       | 18.66          | 0.03                        | 0.15                       | 0.17                           | 0.93                       | 18.80                               | 18.81                             | -0.01                       | -0.04                      |
| Greater than 5 percent                                           | 2,562                                  | 606                                          | 24.08                | 23.29       | 28.09          | -0.78 <sup>1</sup>          | -3.26                      | -4.80 <sup>1</sup>             | -17.08                     | 24.08                               | 24.09                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-3a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 6,405                                  | 1,375                                        | 51.23                | 50.50        | 54.97           | -0.73 <sup>1</sup>          | -1.43                      | -4.47 <sup>1</sup>             | -8.14                               | 51.23                      | 51.25                             | -0.02                       | -0.04                      |
| Greater than 80 percent                       | 6,727                                  | 1,098                                        | 48.77                | 49.50        | 45.03           | 0.73 <sup>1</sup>           | 1.50                       | 4.47 <sup>1</sup>              | 9.94                                | 48.77                      | 48.75                             | 0.02                        | 0.04                       |
| Number of part-time teachers                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 3,714                                  | 812                                          | 31.04                | 30.24        | 35.14           | -0.80 <sup>1</sup>          | -2.58                      | -4.89 <sup>1</sup>             | -13.93                              | 31.04                      | 31.06                             | -0.01                       | -0.04                      |
| 2–3                                           | 3,775                                  | 718                                          | 28.84                | 28.85        | 28.81           | 0.01                        | 0.02                       | 0.04                           | 0.12                                | 28.84                      | 28.86                             | -0.01                       | -0.04                      |
| 4–6                                           | 3,226                                  | 562                                          | 21.64                | 21.89        | 20.38           | 0.25                        | 1.15                       | 1.52                           | 7.44                                | 21.64                      | 21.65                             | -0.01                       | -0.04                      |
| 7+                                            | 2,417                                  | 381                                          | 18.47                | 19.01        | 15.67           | 0.55 <sup>1</sup>           | 2.96                       | 3.34 <sup>1</sup>              | 21.33                               | 18.47                      | 18.43                             | 0.03                        | 0.19                       |
| Full-time teachers certified                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 3,397                                  | 556                                          | 15.85                | 16.16        | 14.24           | 0.31 <sup>1</sup>           | 1.98                       | 1.92 <sup>1</sup>              | 13.50                               | 15.85                      | 15.86                             | -0.01                       | -0.04                      |
| 91–99 percent                                 | 2,323                                  | 458                                          | 20.34                | 20.22        | 20.95           | -0.12                       | -0.58                      | -0.73                          | -3.47                               | 20.34                      | 20.35                             | -0.01                       | -0.04                      |
| 100 percent                                   | 7,412                                  | 1,459                                        | 63.81                | 63.62        | 64.81           | -0.20                       | -0.31                      | -1.20                          | -1.85                               | 63.81                      | 63.80                             | 0.02                        | 0.02                       |
| Student race/ethnicity                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,855                                  | 450                                          | 15.92                | 15.07        | 20.25           | -0.85 <sup>1</sup>          | -5.32                      | -5.18 <sup>1</sup>             | -25.58                              | 15.92                      | 15.92                             | -0.01                       | -0.04                      |
| Asian                                         | 1,288                                  | 261                                          | 4.21                 | 4.23         | 4.08            | 0.02                        | 0.58                       | 0.15                           | 3.63                                | 4.21                       | 4.21                              | #                           | -0.04                      |
| Black or African American                     | 1,689                                  | 400                                          | 14.23                | 13.78        | 16.53           | -0.45 <sup>v</sup>          | -3.16                      | -2.75 <sup>1</sup>             | -16.62                              | 14.23                      | 14.22                             | 0.01                        | 0.05                       |
| All other races                               | 8,300                                  | 1,362                                        | 65.65                | 66.92        | 59.14           | 1.27 <sup>1</sup>           | 1.94                       | 7.78 <sup>1</sup>              | 13.15                               | 65.65                      | 65.65                             | #                           | #                          |
| Number of days in school year                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,430                                  | 628                                          | 24.48                | 24.23        | 25.73           | -0.25                       | -1.00                      | -1.50                          | -5.82                               | 24.48                      | 24.49                             | -0.01                       | -0.04                      |
| 180 days                                      | 7,307                                  | 1,354                                        | 56.98                | 57.31        | 55.30           | 0.33                        | 0.58                       | 2.01                           | 3.63                                | 56.98                      | 57.01                             | -0.02                       | -0.04                      |
| More than 180 days                            | 2,395                                  | 491                                          | 18.54                | 18.46        | 18.97           | -0.08                       | -0.45                      | -0.51                          | -2.69                               | 18.54                      | 18.51                             | 0.03                        | 0.19                       |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                    | Means                               |                                                                | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                        | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Father's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 0.76                                    | 0.76                                | 0.75                                                           | 0.01                   | 0.01                   |
| Clerical               | 2.49                                    | 2.48                                | 2.48                                                           | 0.01                   | #                      |
| Craftsperson           | 13.94                                   | 13.94                               | 13.93                                                          | 0.01                   | 0.01                   |
| Farmer, farm manager   | 2.23                                    | 2.23                                | 2.21                                                           | 0.02                   | 0.02                   |
| Homemaker              | 2.62                                    | 2.62                                | 2.61                                                           | 0.01                   | 0.01                   |
| Laborer                | 10.65                                   | 10.64                               | 10.66                                                          | -0.01                  | -0.02                  |
| Manager, administrator | 14.78                                   | 14.78                               | 14.78                                                          | #                      | #                      |
| Military               | 1.34                                    | 1.34                                | 1.34                                                           | #                      | #                      |
| Operative              | 12.31                                   | 12.34                               | 12.33                                                          | -0.02                  | 0.01                   |
| Professional A         | 9.85                                    | 9.86                                | 9.88                                                           | -0.03 <sup>1</sup>     | -0.02                  |
| Professional B         | 4.62                                    | 4.61                                | 4.66                                                           | -0.04 <sup>1</sup>     | -0.05                  |
| Proprietor, owner      | 5.61                                    | 5.61                                | 5.61                                                           | #                      | #                      |
| Protective service     | 3.49                                    | 3.49                                | 3.49                                                           | #                      | #                      |
| Sales                  | 5.30                                    | 5.30                                | 5.28                                                           | 0.02                   | 0.02                   |
| School teacher         | 1.32                                    | 1.32                                | 1.33                                                           | -0.01                  | -0.01                  |
| Service                | 3.86                                    | 3.86                                | 3.87                                                           | -0.01                  | -0.01                  |
| Technical              | 4.83                                    | 4.83                                | 4.81                                                           | 0.02                   | 0.02                   |
| Mother's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 3.26                                    | 3.26                                | 3.25                                                           | 0.01                   | 0.01                   |
| Clerical               | 16.77                                   | 16.76                               | 16.76                                                          | 0.01                   | #                      |
| Craftsperson           | 2.39                                    | 2.39                                | 2.37                                                           | 0.02                   | 0.02                   |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Mother's occupation—Continued            |                                                |                                      |                                                                       |                        |                        |
| Farmer, farm manager                     | 0.58                                           | 0.60                                 | 0.58                                                                  | #                      | 0.02                   |
| Homemaker                                | 6.02                                           | 6.01                                 | 5.94                                                                  | 0.08 <sup>1</sup>      | 0.07                   |
| Laborer                                  | 4.61                                           | 4.60                                 | 4.61                                                                  | #                      | -0.01                  |
| Manager, administrator                   | 10.52                                          | 10.51                                | 10.53                                                                 | -0.01                  | -0.02                  |
| Military                                 | 0.14                                           | 0.14                                 | 0.14                                                                  | #                      | #                      |
| Operative                                | 4.33                                           | 4.35                                 | 4.37                                                                  | -0.04 <sup>1</sup>     | -0.02                  |
| Professional A                           | 13.36                                          | 13.37                                | 13.44                                                                 | -0.08 <sup>1</sup>     | -0.07                  |
| Professional B                           | 3.42                                           | 3.44                                 | 3.45                                                                  | -0.03 <sup>1</sup>     | -0.01                  |
| Proprietor, owner                        | 2.29                                           | 2.29                                 | 2.28                                                                  | 0.01                   | 0.01                   |
| Protective service                       | 0.67                                           | 0.67                                 | 0.67                                                                  | # <sup>1</sup>         | #                      |
| Sales                                    | 4.42                                           | 4.42                                 | 4.37                                                                  | 0.05 <sup>1</sup>      | 0.05                   |
| School teacher                           | 6.32                                           | 6.32                                 | 6.31                                                                  | 0.01                   | 0.01                   |
| Service                                  | 15.95                                          | 15.94                                | 15.98                                                                 | -0.03                  | -0.04                  |
| Technical                                | 4.94                                           | 4.94                                 | 4.93                                                                  | 0.01                   | 0.01                   |
| English is the student's native language |                                                |                                      |                                                                       |                        |                        |
| No                                       | 13.81                                          | 13.82                                | 13.85                                                                 | -0.04                  | -0.03                  |
| Yes                                      | 86.19                                          | 86.18                                | 86.15                                                                 | 0.04                   | 0.03                   |
| Senior cohort member                     |                                                |                                      |                                                                       |                        |                        |
| No                                       | 15.25                                          | 15.24                                | 15.12                                                                 | 0.13 <sup>1</sup>      | 0.12                   |
| Yes                                      | 84.75                                          | 84.76                                | 84.88                                                                 | -0.13 <sup>1</sup>     | -0.12                  |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                                         |                                                |                                      |                                                                       |                        |                        |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.66                                          | 38.64                                | 38.82                                                                 | -0.16 <sup>1</sup>     | -0.18                  |
| Greater than 2 percent                                  | 61.34                                          | 61.36                                | 61.18                                                                 | 0.16 <sup>1</sup>      | 0.18                   |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.48                                          | 34.46                                | 34.63                                                                 | -0.15 <sup>1</sup>     | -0.17                  |
| Greater than 4 percent                                  | 65.52                                          | 65.54                                | 65.37                                                                 | 0.15 <sup>1</sup>      | 0.17                   |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.51                                           | 1.51                                 | 1.51                                                                  | #                      | #                      |
| \$1,001–\$5,000                                         | 1.87                                           | 1.87                                 | 1.87                                                                  | #                      | #                      |
| \$5,001–\$10,000                                        | 2.21                                           | 2.21                                 | 2.21                                                                  | #                      | #                      |
| \$10,001–\$15,000                                       | 4.36                                           | 4.36                                 | 4.34                                                                  | 0.02                   | 0.02                   |
| \$15,001–\$20,000                                       | 4.87                                           | 4.86                                 | 4.84                                                                  | 0.03                   | 0.02                   |
| \$20,001–\$25,000                                       | 6.49                                           | 6.49                                 | 6.47                                                                  | 0.02                   | 0.02                   |
| \$25,001–\$35,000                                       | 12.28                                          | 12.27                                | 12.28                                                                 | #                      | -0.01                  |
| \$35,001–\$50,000                                       | 19.59                                          | 19.58                                | 19.57                                                                 | 0.02                   | 0.01                   |
| \$50,001–\$75,000                                       | 21.06                                          | 21.05                                | 21.07                                                                 | -0.01                  | -0.02                  |
| \$75,001–\$100,000                                      | 13.27                                          | 13.29                                | 13.28                                                                 | -0.01                  | 0.01                   |
| \$100,001–\$200,000                                     | 9.91                                           | 9.92                                 | 9.95                                                                  | -0.04 <sup>1</sup>     | -0.03                  |
| \$200,001 or more                                       | 2.59                                           | 2.59                                 | 2.60                                                                  | -0.01                  | -0.01                  |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|--------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Census region            |                                                |                                      |                                                                       |                        |                        |
| Northeast                | 17.97                                          | 18.00                                | 18.51                                                                 | -0.54 <sup>1</sup>     | -0.51                  |
| Midwest                  | 24.30                                          | 24.29                                | 24.46                                                                 | -0.16 <sup>1</sup>     | -0.17                  |
| South                    | 34.69                                          | 34.67                                | 34.42                                                                 | 0.27 <sup>1</sup>      | 0.25                   |
| West                     | 23.05                                          | 23.04                                | 22.61                                                                 | 0.44 <sup>1</sup>      | 0.43                   |
| School sector            |                                                |                                      |                                                                       |                        |                        |
| Public                   | 92.44                                          | 92.45                                | 92.29                                                                 | 0.15 <sup>1</sup>      | 0.16                   |
| Catholic                 | 4.25                                           | 4.24                                 | 4.31                                                                  | -0.06 <sup>1</sup>     | -0.07                  |
| Other private            | 3.31                                           | 3.31                                 | 3.39                                                                  | -0.08 <sup>v</sup>     | -0.08                  |
| School urbanicity        |                                                |                                      |                                                                       |                        |                        |
| Urban                    | 29.97                                          | 29.95                                | 29.80                                                                 | 0.17 <sup>1</sup>      | 0.15                   |
| Suburban                 | 50.22                                          | 50.24                                | 50.41                                                                 | -0.19 <sup>1</sup>     | -0.17                  |
| Rural                    | 19.82                                          | 19.81                                | 19.78                                                                 | 0.04                   | 0.03                   |
| Minutes per class period |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 45 | 18.55                                          | 18.59                                | 18.95                                                                 | -0.40 <sup>1</sup>     | -0.36                  |
| 46–50                    | 21.76                                          | 21.75                                | 21.68                                                                 | 0.08                   | 0.07                   |
| 51–80                    | 29.00                                          | 28.99                                | 28.80                                                                 | 0.20 <sup>1</sup>      | 0.19                   |
| 81+                      | 30.69                                          | 30.68                                | 30.58                                                                 | 0.11 <sup>1</sup>      | 0.10                   |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                              |                                                |                                      |                                                                       |                        |                        |
| Class periods per day        |                                                |                                      |                                                                       |                        |                        |
| 1–4                          | 31.64                                          | 31.63                                | 31.54                                                                 | 0.10 <sup>1</sup>      | 0.09                   |
| 5–6                          | 26.75                                          | 26.73                                | 26.49                                                                 | 0.26 <sup>1</sup>      | 0.24                   |
| 7                            | 24.81                                          | 24.80                                | 24.93                                                                 | -0.12 <sup>1</sup>     | -0.13                  |
| 8–9                          | 16.80                                          | 16.84                                | 17.04                                                                 | -0.24 <sup>1</sup>     | -0.20                  |
| Is the school coeducational? |                                                |                                      |                                                                       |                        |                        |
| Yes                          | 98.03                                          | 98.03                                | 97.99                                                                 | 0.04 <sup>1</sup>      | 0.04                   |
| No, all-female school        | 0.96                                           | 0.96                                 | 0.98                                                                  | -0.02 <sup>v</sup>     | -0.02                  |
| No, all-male school          | 1.01                                           | 1.01                                 | 1.02                                                                  | -0.01                  | -0.01                  |
| 10th-grade enrollment        |                                                |                                      |                                                                       |                        |                        |
| 0–99                         | 12.45                                          | 12.44                                | 12.49                                                                 | -0.04                  | -0.05                  |
| 100–249                      | 22.22                                          | 22.22                                | 22.42                                                                 | -0.20 <sup>1</sup>     | -0.20                  |
| 250–499                      | 36.18                                          | 36.21                                | 36.11                                                                 | 0.07                   | 0.10                   |
| 500+                         | 29.15                                          | 29.14                                | 28.98                                                                 | 0.17 <sup>1</sup>      | 0.16                   |
| Total enrollment             |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 600    | 175.2                                          | 17.52                                | 17.60                                                                 | -0.08                  | -0.08                  |
| 601–1,200                    | 27.37                                          | 27.36                                | 27.55                                                                 | -0.18 <sup>1</sup>     | -0.19                  |
| 1,201–1,800                  | 26.09                                          | 26.12                                | 26.10                                                                 | -0.01                  | 0.02                   |
| Greater than 1,800           | 29.01                                          | 29.00                                | 28.76                                                                 | 0.25 <sup>1</sup>      | 0.24                   |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                            | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Family composition                         |                                         |                                     |                                                                |                        |                        |
| Mother and father                          | 57.64                                   | 57.66                               | 57.71                                                          | -0.07 <sup>1</sup>     | -0.05                  |
| Mother and male guardian                   | 13.13                                   | 13.13                               | 13.08                                                          | 0.05 <sup>1</sup>      | 0.05                   |
| Father and female guardian                 | 3.15                                    | 3.15                                | 3.16                                                           | -0.01                  | -0.01                  |
| Two guardians                              | 1.79                                    | 1.79                                | 1.77                                                           | 0.02                   | 0.02                   |
| Mother only                                | 18.47                                   | 18.47                               | 18.51                                                          | -0.04                  | -0.04                  |
| Father only                                | 3.19                                    | 3.19                                | 3.15                                                           | 0.04 <sup>1</sup>      | 0.04                   |
| Female guardian only                       | 1.31                                    | 1.33                                | 1.32                                                           | -0.01                  | 0.01                   |
| Male guardian only                         | 0.28                                    | 0.26                                | 0.28                                                           | #                      | -0.02                  |
| Lives with student less than half the year | 1.03                                    | 1.03                                | 1.03                                                           | # <sup>1</sup>         | #                      |
| Parent's highest level of education        |                                         |                                     |                                                                |                        |                        |
| Did not finish high school                 | 6.51                                    | 6.50                                | 6.51                                                           | #                      | -0.01                  |
| Graduated from high school or GED          | 21.41                                   | 21.41                               | 21.33                                                          | 0.08 <sup>1</sup>      | 0.08                   |
| Attended 2-year school, no degree          | 11.51                                   | 11.50                               | 11.50                                                          | 0.01                   | #                      |
| Graduated from 2-year school               | 11.14                                   | 11.14                               | 11.13                                                          | 0.01                   | 0.01                   |
| Attended college, no 4-year degree         | 11.40                                   | 11.41                               | 11.42                                                          | -0.02                  | -0.01                  |
| Graduated from college                     | 21.76                                   | 21.75                               | 21.78                                                          | -0.02                  | -0.03                  |
| Completed Master's degree or equivalent    | 11.05                                   | 11.07                               | 11.05                                                          | #                      | 0.02                   |
| Completed PhD, MD, other advanced degree   | 5.21                                    | 5.21                                | 5.27                                                           | -0.06 <sup>1</sup>     | -0.06                  |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                    | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Socioeconomic quarter              |                                         |                                     |                                                                |                        |                        |
| Lowest SES quarter                 | 25.02                                   | 25.01                               | 24.98                                                          | 0.04                   | 0.03                   |
| Second SES quarter                 | 25.58                                   | 25.57                               | 25.54                                                          | 0.04                   | 0.03                   |
| Third SES quarter                  | 24.76                                   | 24.79                               | 24.77                                                          | -0.01                  | 0.02                   |
| Highest SES quarter                | 24.64                                   | 24.63                               | 24.71                                                          | -0.07 <sup>1</sup>     | -0.08                  |
| Student sex                        |                                         |                                     |                                                                |                        |                        |
| Male                               | 49.54                                   | 49.55                               | 49.08                                                          | 0.46 <sup>1</sup>      | 0.47                   |
| Female                             | 50.46                                   | 50.45                               | 50.92                                                          | -0.46 <sup>1</sup>     | -0.47                  |
| Free or reduced-price lunch        |                                         |                                     |                                                                |                        |                        |
| 0                                  | 7.95                                    | 7.95                                | 8.07                                                           | -0.12 <sup>1</sup>     | -0.12                  |
| 1–10                               | 24.83                                   | 24.86                               | 25.00                                                          | -0.17 <sup>1</sup>     | -0.14                  |
| 11–30                              | 36.12                                   | 36.10                               | 35.94                                                          | 0.18 <sup>1</sup>      | 0.16                   |
| Greater than 30                    | 31.11                                   | 31.09                               | 30.99                                                          | 0.12                   | 0.10                   |
| Number of full-time teachers       |                                         |                                     |                                                                |                        |                        |
| 1–40                               | 18.06                                   | 18.05                               | 18.13                                                          | -0.07                  | -0.08                  |
| 41–70                              | 23.28                                   | 23.27                               | 23.37                                                          | -0.09                  | -0.10                  |
| 71–100                             | 30.41                                   | 30.44                               | 30.22                                                          | 0.19 <sup>1</sup>      | 0.22                   |
| 101+                               | 28.25                                   | 28.23                               | 28.28                                                          | -0.03                  | -0.05                  |
| Number of grades within the school |                                         |                                     |                                                                |                        |                        |
| 4                                  | 79.82                                   | 79.82                               | 79.75                                                          | 0.07                   | 0.07                   |
| Less than or greater than 4        | 20.18                                   | 20.18                               | 20.25                                                          | -0.07                  | -0.07                  |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Types of grades within the school                                   |                                                |                                      |                                                                       |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.88                                           | 4.88                                 | 4.85                                                                  | 0.03                   | 0.03                   |
| Middle grades but no elementary                                     | 7.53                                           | 7.52                                 | 7.62                                                                  | -0.09 <sup>1</sup>     | -0.10                  |
| Only high school                                                    | 87.59                                          | 87.60                                | 87.54                                                                 | 0.05                   | 0.06                   |
| Hispanic or Latino 10th-grade enrollment percent                    |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 3 percent                                     | 37.66                                          | 37.69                                | 37.83                                                                 | -0.17 <sup>1</sup>     | -0.14                  |
| Greater than 3 percent                                              | 62.34                                          | 62.31                                | 62.17                                                                 | 0.17 <sup>1</sup>      | 0.14                   |
| IEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 5 percent                                     | 26.18                                          | 26.17                                | 26.37                                                                 | -0.19 <sup>1</sup>     | -0.20                  |
| 6–10 percent                                                        | 32.94                                          | 32.97                                | 32.76                                                                 | 0.18 <sup>1</sup>      | 0.21                   |
| 11–15 percent                                                       | 26.81                                          | 26.79                                | 26.83                                                                 | -0.02                  | -0.04                  |
| Greater than 15 percent                                             | 14.08                                          | 14.07                                | 14.04                                                                 | 0.04                   | 0.03                   |
| LEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| 0 percent                                                           | 33.87                                          | 33.85                                | 34.05                                                                 | -0.18 <sup>1</sup>     | -0.20                  |
| 1 percent                                                           | 23.24                                          | 23.27                                | 23.34                                                                 | -0.10 <sup>1</sup>     | -0.07                  |
| 2–5 percent                                                         | 18.81                                          | 18.80                                | 18.77                                                                 | 0.04                   | 0.03                   |
| Greater than 5 percent                                              | 24.09                                          | 24.08                                | 23.84                                                                 | 0.25 <sup>1</sup>      | 0.24                   |
| All other races 10th-grade enrollment percent                       |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 80 percent                                    | 51.25                                          | 51.23                                | 50.97                                                                 | 0.28 <sup>1</sup>      | 0.26                   |
| Greater than 80 percent                                             | 48.75                                          | 48.77                                | 49.03                                                                 | -0.28 <sup>1</sup>     | -0.26                  |

See notes at end of table.

**Table H-3b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 panel weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|-------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                    | Means                               |                                                                | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                               | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Number of part-time teachers  |                                         |                                     |                                                                |                        |                        |
| 0–1                           | 31.06                                   | 31.04                               | 31.06                                                          | #                      | -0.02                  |
| 2–3                           | 28.86                                   | 28.84                               | 28.78                                                          | 0.08                   | 0.06                   |
| 4–6                           | 21.65                                   | 21.64                               | 21.69                                                          | -0.04                  | -0.05                  |
| 7+                            | 18.43                                   | 18.47                               | 18.48                                                          | -0.05                  | -0.01                  |
| Full-time teachers certified  |                                         |                                     |                                                                |                        |                        |
| 0–90 percent                  | 15.86                                   | 15.85                               | 15.97                                                          | -0.11 <sup>1</sup>     | -0.12                  |
| 91–99 percent                 | 20.35                                   | 20.34                               | 20.24                                                          | 0.11                   | 0.10                   |
| 100 percent                   | 63.80                                   | 63.81                               | 63.79                                                          | 0.01                   | 0.02                   |
| Student race/ethnicity        |                                         |                                     |                                                                |                        |                        |
| Hispanic or Latino            | 15.92                                   | 15.92                               | 16.03                                                          | -0.11 <sup>1</sup>     | -0.11                  |
| Asian                         | 4.21                                    | 4.21                                | 4.17                                                           | 0.04 <sup>1</sup>      | 0.04                   |
| Black or African American     | 14.22                                   | 14.23                               | 14.32                                                          | -0.10 <sup>1</sup>     | -0.09                  |
| All other races               | 65.65                                   | 65.65                               | 65.48                                                          | 0.17 <sup>1</sup>      | 0.17                   |
| Number of days in school year |                                         |                                     |                                                                |                        |                        |
| Less than 180 days            | 24.49                                   | 24.48                               | 24.50                                                          | -0.01                  | -0.02                  |
| 180 days                      | 57.01                                   | 56.98                               | 56.94                                                          | 0.07                   | 0.04                   |
| More than 180 days            | 18.51                                   | 18.54                               | 18.56                                                          | -0.05                  | -0.02                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                                |                      |                 |                    |                             |                            |                                | After nonresponse weight adjustment |                             |                                   |                             |                            |
|------------------------|----------------------------------------|------------------------------------------------|----------------------|-----------------|--------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|-----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonre- spondents (nonstudy members) | Means, base weighted |                 |                    | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                       |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                                | Full sample          | Re- spond- ents | Non- respond- ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base- weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                                |                      |                 |                    |                             |                            |                                |                                     |                             |                                   |                             |                            |
| Father's occupation    |                                        |                                                |                      |                 |                    |                             |                            |                                |                                     |                             |                                   |                             |                            |
| No job for pay         | 116                                    | 16                                             | 0.75                 | 0.70            | 1.12               | -0.05                       | -6.08                      | -0.42                          | -37.27                              | 0.75                        | 0.75                              | #                           | 0.03                       |
| Clerical               | 269                                    | 42                                             | 2.48                 | 2.36            | 3.44               | -0.12                       | -4.72                      | -1.08                          | -31.29                              | 2.48                        | 2.48                              | #                           | 0.03                       |
| Craftsperson           | 1,482                                  | 174                                            | 13.93                | 13.92           | 13.99              | -0.01                       | -0.05                      | -0.07                          | -0.49                               | 13.93                       | 13.92                             | #                           | 0.03                       |
| Farmer, farm manager   | 223                                    | 22                                             | 2.21                 | 2.29            | 1.48               | 0.09                        | 4.00                       | 0.81                           | 54.66                               | 2.21                        | 2.20                              | #                           | 0.03                       |
| Homemaker              | 266                                    | 37                                             | 2.61                 | 2.56            | 3.03               | -0.05                       | -1.97                      | -0.47                          | -15.56                              | 2.61                        | 2.61                              | #                           | 0.03                       |
| Laborer                | 1,178                                  | 135                                            | 10.66                | 10.61           | 11.06              | -0.05                       | -0.46                      | -0.45                          | -4.07                               | 10.66                       | 10.66                             | #                           | 0.03                       |
| Manager, administrator | 1,774                                  | 191                                            | 14.78                | 14.74           | 15.09              | -0.04                       | -0.25                      | -0.34                          | -2.28                               | 14.78                       | 14.78                             | #                           | 0.03                       |
| Military               | 155                                    | 19                                             | 1.34                 | 1.32            | 1.43               | -0.01                       | -0.84                      | -0.10                          | -7.21                               | 1.34                        | 1.34                              | #                           | 0.03                       |
| Operative              | 1,315                                  | 151                                            | 12.33                | 12.41           | 11.62              | 0.09                        | 0.70                       | 0.80                           | 6.86                                | 12.33                       | 12.36                             | -0.03                       | -0.23                      |
| Professional A         | 1,323                                  | 138                                            | 9.88                 | 10.06           | 8.40               | 0.18                        | 1.84                       | 1.67                           | 19.85                               | 9.88                        | 9.88                              | #                           | 0.05                       |
| Professional B         | 747                                    | 93                                             | 4.66                 | 4.73            | 4.06               | 0.07                        | 1.55                       | 0.66                           | 16.31                               | 4.66                        | 4.65                              | #                           | 0.03                       |
| Proprietor, owner      | 715                                    | 77                                             | 5.61                 | 5.61            | 5.64               | #                           | -0.06                      | -0.03                          | -0.52                               | 5.61                        | 5.61                              | #                           | 0.03                       |
| Protective service     | 407                                    | 37                                             | 3.49                 | 3.49            | 3.51               | #                           | -0.06                      | -0.02                          | -0.55                               | 3.49                        | 3.49                              | #                           | 0.03                       |
| Sales                  | 604                                    | 78                                             | 5.28                 | 5.24            | 5.57               | -0.04                       | -0.67                      | -0.33                          | -5.85                               | 5.28                        | 5.28                              | #                           | 0.03                       |
| School teacher         | 178                                    | 17                                             | 1.33                 | 1.34            | 1.22               | 0.01                        | 0.97                       | 0.12                           | 9.68                                | 1.33                        | 1.33                              | #                           | 0.03                       |
| Service                | 454                                    | 72                                             | 3.87                 | 3.72            | 5.15               | -0.16 <sup>1</sup>          | -4.03                      | -1.43 <sup>1</sup>             | -27.82                              | 3.87                        | 3.87                              | #                           | 0.03                       |
| Technical              | 563                                    | 64                                             | 4.81                 | 4.88            | 4.20               | 0.07                        | 1.54                       | 0.68                           | 16.21                               | 4.81                        | 4.80                              | #                           | 0.03                       |
| Mother's occupation    |                                        |                                                |                      |                 |                    |                             |                            |                                |                                     |                             |                                   |                             |                            |
| No job for pay         | 436                                    | 50                                             | 3.25                 | 3.25            | 3.29               | #                           | -0.13                      | -0.04                          | -1.21                               | 3.25                        | 3.25                              | #                           | 0.03                       |
| Clerical               | 1,930                                  | 208                                            | 16.76                | 16.75           | 16.85              | -0.01                       | -0.07                      | -0.11                          | -0.63                               | 16.76                       | 16.75                             | #                           | 0.03                       |
| Craftsperson           | 260                                    | 28                                             | 2.37                 | 2.32            | 2.77               | -0.05                       | -2.04                      | -0.44                          | -16.03                              | 2.37                        | 2.37                              | #                           | 0.03                       |
| Farmer, farm manager   | 62                                     | 5                                              | 0.58                 | 0.61            | 0.30               | 0.03                        | 5.81                       | 0.31                           | 101.73                              | 0.58                        | 0.58                              | #                           | -0.25                      |
| Homemaker              | 570                                    | 88                                             | 5.94                 | 5.75            | 7.50               | -0.19 <sup>1</sup>          | -3.19                      | -1.74 <sup>1</sup>             | -23.26                              | 5.94                        | 5.94                              | #                           | 0.03                       |
| Laborer                | 492                                    | 70                                             | 4.61                 | 4.48            | 5.63               | -0.13                       | -2.73                      | -1.15                          | -20.47                              | 4.61                        | 4.60                              | #                           | 0.06                       |
| Manager, administrator | 1,281                                  | 137                                            | 10.53                | 10.56           | 10.25              | 0.03                        | 0.32                       | 0.31                           | 3.05                                | 10.53                       | 10.53                             | #                           | 0.03                       |
| Military               | 19                                     | 3                                              | 0.14                 | 0.13            | 0.25               | -0.01                       | -9.56                      | -0.12                          | -49.25                              | 0.14                        | 0.13                              | 0.01                        | 5.72                       |
| Operative              | 479                                    | 50                                             | 4.37                 | 4.45            | 3.65               | 0.09                        | 2.00                       | 0.80                           | 21.96                               | 4.37                        | 4.38                              | -0.02                       | -0.38                      |
| Professional A         | 1,771                                  | 165                                            | 13.44                | 13.83           | 10.25              | 0.39 <sup>1</sup>           | 2.90                       | 3.58 <sup>1</sup>              | 34.97                               | 13.44                       | 13.45                             | -0.01                       | -0.07                      |
| Professional B         | 472                                    | 63                                             | 3.45                 | 3.40            | 3.86               | -0.05                       | -1.45                      | -0.46                          | -11.87                              | 3.45                        | 3.45                              | #                           | 0.09                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                         | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                         |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Mother's occupation—Continued                           |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Proprietor, owner                                       | 287                                    | 29                                           | 2.28                 | 2.32         | 1.95            | 0.04                        | 1.77                       | 0.37                           | 18.99                               | 2.28                       | 2.28                              | #                           | 0.03                       |
| Protective service                                      | 83                                     | 11                                           | 0.67                 | 0.65         | 0.86            | -0.02                       | -3.42                      | -0.21                          | -24.52                              | 0.67                       | 0.68                              | -0.01                       | -1.17                      |
| Sales                                                   | 482                                    | 73                                           | 4.37                 | 4.24         | 5.44            | -0.13                       | -2.97                      | -1.19                          | -21.97                              | 4.37                       | 4.37                              | #                           | 0.03                       |
| School teacher                                          | 805                                    | 88                                           | 6.31                 | 6.41         | 5.51            | 0.10                        | 1.56                       | 0.91                           | 16.45                               | 6.31                       | 6.31                              | #                           | 0.03                       |
| Service                                                 | 1,767                                  | 222                                          | 15.98                | 15.90        | 16.64           | -0.08                       | -0.51                      | -0.74                          | -4.46                               | 15.98                      | 15.98                             | #                           | 0.03                       |
| Technical                                               | 573                                    | 73                                           | 4.93                 | 4.93         | 4.99            | -0.01                       | -0.14                      | -0.07                          | -1.31                               | 4.93                       | 4.93                              | #                           | 0.03                       |
| English is the student's native language                |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,909                                  | 255                                          | 13.85                | 13.32        | 18.16           | -0.53 <sup>1</sup>          | -3.81                      | -4.84 <sup>1</sup>             | -26.65                              | 13.85                      | 13.86                             | -0.01                       | -0.10                      |
| Yes                                                     | 9,860                                  | 1,108                                        | 86.15                | 86.68        | 81.84           | 0.53 <sup>1</sup>           | 0.61                       | 4.84 <sup>1</sup>              | 5.91                                | 86.15                      | 86.14                             | 0.01                        | 0.02                       |
| Senior cohort member                                    |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,257                                  | 341                                          | 15.12                | 13.44        | 28.88           | -1.68 <sup>1</sup>          | -11.12                     | -15.44 <sup>1</sup>            | -53.47                              | 15.12                      | 15.11                             | #                           | 0.03                       |
| Yes                                                     | 10,512                                 | 1,022                                        | 84.88                | 86.56        | 71.12           | 1.68 <sup>1</sup>           | 1.98                       | 15.44 <sup>1</sup>             | 21.71                               | 84.88                      | 84.89                             | #                           | -0.01                      |
| Asian 10th grade enrollment percent                     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 2 percent                         | 4,604                                  | 522                                          | 38.82                | 38.38        | 42.42           | -0.44                       | -1.13                      | -4.04                          | -9.52                               | 38.82                      | 38.81                             | 0.01                        | 0.03                       |
| Greater than 2 percent                                  | 7,165                                  | 841                                          | 61.18                | 61.62        | 57.58           | 0.44                        | 0.72                       | 4.04                           | 7.02                                | 61.18                      | 61.19                             | -0.01                       | -0.02                      |
| Black or African American 10th grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 4 percent                         | 4,174                                  | 357                                          | 34.63                | 35.28        | 29.31           | 0.65                        | 1.87                       | 5.96                           | 20.34                               | 34.63                      | 34.62                             | 0.01                        | 0.03                       |
| Greater than 4 percent                                  | 7,595                                  | 1,006                                        | 65.37                | 64.72        | 70.69           | -0.65                       | -0.99                      | -5.96                          | -8.43                               | 65.37                      | 65.38                             | -0.01                       | -0.02                      |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Income              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| \$1,000 or less     | 167                                    | 20                                           | 1.51                 | 1.51         | 1.52            | #                           | -0.05                      | -0.01                          | -0.48                               | 1.51                       | 1.51                              | #                           | 0.03                       |
| \$1,001–\$5,000     | 196                                    | 39                                           | 1.87                 | 1.72         | 3.06            | -0.15 <sup>1</sup>          | -7.82                      | -1.34 <sup>1</sup>             | -43.79                              | 1.87                       | 1.87                              | #                           | 0.03                       |
| \$5,001–\$10,000    | 230                                    | 36                                           | 2.21                 | 2.13         | 2.86            | -0.08                       | -3.58                      | -0.73                          | -25.45                              | 2.21                       | 2.21                              | #                           | 0.03                       |
| \$10,001–\$15,000   | 463                                    | 66                                           | 4.34                 | 4.15         | 5.83            | -0.18 <sup>1</sup>          | -4.21                      | -1.68 <sup>1</sup>             | -28.75                              | 4.34                       | 4.34                              | #                           | 0.03                       |
| \$15,001–\$20,000   | 530                                    | 65                                           | 4.84                 | 4.80         | 5.14            | -0.04                       | -0.76                      | -0.34                          | -6.59                               | 4.84                       | 4.84                              | #                           | 0.03                       |
| \$20,001–\$25,000   | 655                                    | 109                                          | 6.47                 | 6.20         | 8.74            | -0.28 <sup>1</sup>          | -4.28                      | -2.55 <sup>1</sup>             | -29.13                              | 6.47                       | 6.47                              | #                           | 0.03                       |
| \$25,001–\$35,000   | 1,356                                  | 141                                          | 12.28                | 12.39        | 11.41           | 0.11                        | 0.87                       | 0.98                           | 8.57                                | 12.28                      | 12.28                             | #                           | 0.03                       |
| \$35,001–\$50,000   | 2,151                                  | 270                                          | 19.57                | 19.42        | 20.74           | -0.14                       | -0.73                      | -1.32                          | -6.36                               | 19.57                      | 19.56                             | 0.01                        | 0.03                       |
| \$50,001–\$75,000   | 2,492                                  | 252                                          | 21.07                | 21.25        | 19.59           | 0.18                        | 0.86                       | 1.66                           | 8.47                                | 21.07                      | 21.06                             | 0.01                        | 0.03                       |
| \$75,001–\$100,000  | 1,663                                  | 176                                          | 13.28                | 13.52        | 11.35           | 0.24                        | 1.78                       | 2.17                           | 19.13                               | 13.28                      | 13.29                             | -0.01                       | -0.06                      |
| \$100,001–\$200,000 | 1,427                                  | 123                                          | 9.95                 | 10.33        | 6.87            | 0.38 <sup>1</sup>           | 3.78                       | 3.46 <sup>1</sup>              | 50.30                               | 9.95                       | 9.96                              | -0.02                       | -0.15                      |
| \$200,001 or more   | 439                                    | 66                                           | 2.60                 | 2.57         | 2.88            | -0.03                       | -1.28                      | -0.31                          | -10.62                              | 2.60                       | 2.60                              | #                           | 0.03                       |
| Census region       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Northeast           | 2,015                                  | 325                                          | 18.51                | 17.49        | 26.86           | -1.02 <sup>1</sup>          | -5.51                      | -9.37 <sup>1</sup>             | -34.89                              | 18.51                      | 18.54                             | -0.02                       | -0.13                      |
| Midwest             | 3,105                                  | 275                                          | 24.46                | 24.98        | 20.25           | 0.52                        | 2.11                       | 4.73                           | 23.36                               | 24.46                      | 24.46                             | 0.01                        | 0.03                       |
| South               | 4,202                                  | 566                                          | 34.42                | 33.88        | 38.81           | -0.54                       | -1.56                      | -4.94                          | -12.72                              | 34.42                      | 34.41                             | 0.01                        | 0.03                       |
| West                | 2,447                                  | 197                                          | 22.61                | 23.65        | 14.07           | 1.04 <sup>1</sup>           | 4.61                       | 9.58 <sup>1</sup>              | 68.06                               | 22.61                      | 22.60                             | 0.01                        | 0.03                       |
| School sector       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Public              | 9,049                                  | 1,111                                        | 92.29                | 92.16        | 93.35           | -0.13                       | -0.14                      | -1.19                          | -1.27                               | 92.29                      | 92.29                             | #                           | #                          |
| Catholic            | 1,632                                  | 102                                          | 4.31                 | 4.57         | 2.22            | 0.26 <sup>1</sup>           | 5.92                       | 2.35 <sup>1</sup>              | 105.57                              | 4.31                       | 4.31                              | #                           | 0.03                       |
| Other private       | 1,088                                  | 150                                          | 3.39                 | 3.27         | 4.43            | -0.13                       | -3.71                      | -1.16                          | -26.15                              | 3.39                       | 3.40                              | #                           | -0.07                      |
| School urbanicity   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Urban               | 3,883                                  | 601                                          | 29.80                | 28.26        | 42.47           | -1.55 <sup>1</sup>          | -5.19                      | -14.21 <sup>1</sup>            | -33.47                              | 29.80                      | 29.79                             | 0.01                        | 0.03                       |
| Suburban            | 5,763                                  | 512                                          | 50.41                | 51.96        | 37.75           | 1.55 <sup>1</sup>           | 3.07                       | 14.22 <sup>1</sup>             | 37.67                               | 50.41                      | 50.43                             | -0.01                       | -0.03                      |
| Rural               | 2,123                                  | 250                                          | 19.78                | 19.78        | 19.79           | #                           | #                          | -0.01                          | -0.03                               | 19.78                      | 19.78                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Minutes per class period     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 2,689                                  | 423                                          | 18.95                | 17.40        | 31.63           | -1.55 <sup>1</sup>          | -8.18                      | -14.23 <sup>1</sup>            | -44.99                              | 18.95                      | 18.97                             | -0.02                       | -0.13                      |
| 46–50                        | 2,573                                  | 267                                          | 21.68                | 22.34        | 16.24           | 0.66                        | 3.06                       | 6.10                           | 37.55                               | 21.68                      | 21.67                             | 0.01                        | 0.03                       |
| 51–80                        | 3,199                                  | 290                                          | 28.80                | 29.39        | 23.99           | 0.59                        | 2.04                       | 5.39                           | 22.48                               | 28.80                      | 28.79                             | 0.01                        | 0.03                       |
| 81+                          | 3,308                                  | 383                                          | 30.58                | 30.88        | 28.14           | 0.30                        | 0.97                       | 2.74                           | 9.73                                | 30.58                      | 30.57                             | 0.01                        | 0.03                       |
| Class periods per day        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,417                                  | 405                                          | 31.54                | 31.62        | 30.90           | 0.08                        | 0.25                       | 0.72                           | 2.33                                | 31.54                      | 31.53                             | 0.01                        | 0.03                       |
| 5–6                          | 2,902                                  | 279                                          | 26.49                | 27.23        | 20.42           | 0.74                        | 2.80                       | 6.81                           | 33.34                               | 26.49                      | 26.48                             | 0.01                        | 0.03                       |
| 7                            | 3,141                                  | 448                                          | 24.93                | 23.96        | 32.92           | -0.98                       | -3.91                      | -8.96                          | -27.22                              | 24.93                      | 24.93                             | 0.01                        | 0.03                       |
| 8–9                          | 2,309                                  | 231                                          | 17.04                | 17.20        | 15.76           | 0.16                        | 0.92                       | 1.43                           | 9.09                                | 17.04                      | 17.06                             | -0.02                       | -0.14                      |
| Is the school coeducational? |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 11,130                                 | 1,303                                        | 97.99                | 97.92        | 98.58           | -0.07                       | -0.07                      | -0.67                          | -0.67                               | 97.99                      | 97.99                             | #                           | #                          |
| No, all-female school        | 282                                    | 54                                           | 0.98                 | 0.94         | 1.31            | -0.04                       | -4.02                      | -0.36                          | -27.78                              | 0.98                       | 0.98                              | #                           | 0.03                       |
| No, all-male school          | 357                                    | 6                                            | 1.02                 | 1.14         | 0.11            | 0.11 <sup>1</sup>           | 10.94                      | 1.03 <sup>1</sup>              | 959.91                              | 1.02                       | 1.02                              | #                           | 0.03                       |
| 10th-grade enrollment        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,262                                  | 303                                          | 12.49                | 12.46        | 12.74           | -0.03                       | -0.24                      | -0.27                          | -2.15                               | 12.49                      | 12.49                             | #                           | 0.03                       |
| 100–249                      | 3,139                                  | 259                                          | 22.42                | 23.13        | 16.64           | 0.71                        | 3.15                       | 6.49                           | 39.02                               | 22.42                      | 22.42                             | 0.01                        | 0.03                       |
| 250–499                      | 3,842                                  | 348                                          | 36.11                | 36.70        | 31.25           | 0.59                        | 1.64                       | 5.45                           | 17.42                               | 36.11                      | 36.13                             | -0.02                       | -0.05                      |
| 500+                         | 2,526                                  | 453                                          | 28.98                | 27.71        | 39.37           | -1.27 <sup>1</sup>          | -4.38                      | -11.66 <sup>1</sup>            | -29.63                              | 28.98                      | 28.97                             | 0.01                        | 0.03                       |
| Total enrollment             |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 2,814                                  | 286                                          | 17.60                | 18.01        | 14.24           | 0.41                        | 2.33                       | 3.77                           | 26.47                               | 17.60                      | 17.59                             | 0.01                        | 0.03                       |
| 601–1,200                    | 3,628                                  | 339                                          | 27.55                | 28.25        | 21.80           | 0.70                        | 2.55                       | 6.45                           | 29.56                               | 27.55                      | 27.54                             | 0.01                        | 0.03                       |
| 1,201–1,800                  | 2,671                                  | 313                                          | 26.10                | 25.83        | 28.31           | -0.27                       | -1.04                      | -2.48                          | -8.77                               | 26.10                      | 26.12                             | -0.02                       | -0.08                      |
| Greater than 1,800           | 2,656                                  | 425                                          | 28.76                | 27.91        | 35.65           | -0.84                       | -2.93                      | -7.73                          | -21.69                              | 28.76                      | 28.75                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Mother and father                          | 7,320                                  | 719                                          | 57.71                | 58.82         | 48.64            | 1.11 <sup>1</sup>           | 1.92                       | 10.17 <sup>1</sup>             | 20.92                      | 57.71                               | 57.72                             | -0.01                       | -0.02                      |
| Mother and male guardian                   | 1,315                                  | 198                                          | 13.08                | 12.65         | 16.63            | -0.43 <sup>1</sup>          | -3.32                      | -3.98 <sup>1</sup>             | -23.96                     | 13.08                               | 13.08                             | #                           | 0.03                       |
| Father and female guardian                 | 340                                    | 52                                           | 3.16                 | 3.09          | 3.69             | -0.07                       | -2.08                      | -0.60                          | -16.32                     | 3.16                                | 3.15                              | #                           | 0.03                       |
| Two guardians                              | 184                                    | 26                                           | 1.77                 | 1.75          | 1.93             | -0.02                       | -1.09                      | -0.18                          | -9.15                      | 1.77                                | 1.77                              | #                           | 0.03                       |
| Mother only                                | 1,984                                  | 301                                          | 18.51                | 17.86         | 23.80            | -0.65 <sup>1</sup>          | -3.49                      | -5.94 <sup>1</sup>             | -24.96                     | 18.51                               | 18.50                             | 0.01                        | 0.03                       |
| Father only                                | 335                                    | 31                                           | 3.15                 | 3.21          | 2.63             | 0.06                        | 2.02                       | 0.58                           | 22.16                      | 3.15                                | 3.14                              | #                           | 0.03                       |
| Female guardian only                       | 136                                    | 17                                           | 1.32                 | 1.33          | 1.21             | 0.01                        | 1.04                       | 0.13                           | 10.47                      | 1.32                                | 1.32                              | #                           | -0.22                      |
| Male guardian only                         | 34                                     | 3                                            | 0.28                 | 0.29          | 0.22             | 0.01                        | 2.68                       | 0.07                           | 31.53                      | 0.28                                | 0.28                              | #                           | 1.22                       |
| Lives with student less than half the year | 121                                    | 16                                           | 1.03                 | 1.00          | 1.25             | -0.03                       | -2.62                      | -0.25                          | -19.82                     | 1.03                                | 1.03                              | #                           | 0.03                       |
| Parent's highest level of education        |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Did not finish high school                 | 675                                    | 90                                           | 6.51                 | 6.41          | 7.29             | -0.10                       | -1.47                      | -0.88                          | -12.04                     | 6.51                                | 6.50                              | #                           | 0.03                       |
| Graduated from high school or GED          | 2,223                                  | 255                                          | 21.33                | 21.30         | 21.52            | -0.02                       | -0.11                      | -0.21                          | -0.98                      | 21.33                               | 21.32                             | 0.01                        | 0.04                       |
| Attended 2-year school, no degree          | 1,239                                  | 149                                          | 11.50                | 11.44         | 12.00            | -0.06                       | -0.53                      | -0.56                          | -4.66                      | 11.50                               | 11.50                             | #                           | 0.03                       |
| Graduated from 2-year school               | 1,225                                  | 131                                          | 11.13                | 11.22         | 10.41            | 0.09                        | 0.80                       | 0.82                           | 7.85                       | 11.13                               | 11.13                             | #                           | 0.03                       |
| Attended college, no 4-year degree         | 1,308                                  | 175                                          | 11.42                | 11.19         | 13.37            | -0.24                       | -2.08                      | -2.19 <sup>1</sup>             | -16.34                     | 11.42                               | 11.43                             | -0.01                       | -0.09                      |
| Graduated from college                     | 2,735                                  | 283                                          | 21.78                | 22.02         | 19.84            | 0.24                        | 1.09                       | 2.18                           | 10.97                      | 21.78                               | 21.78                             | 0.01                        | 0.03                       |
| Completed Master's degree or equivalent    | 1,492                                  | 170                                          | 11.05                | 11.10         | 10.64            | 0.05                        | 0.46                       | 0.47                           | 4.38                       | 11.05                               | 11.07                             | -0.01                       | -0.13                      |
| Completed PhD, MD, other advanced degree   | 872                                    | 110                                          | 5.27                 | 5.31          | 4.94             | 0.04                        | 0.77                       | 0.37                           | 7.55                       | 5.27                                | 5.27                              | #                           | 0.03                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,608                                  | 336                                          | 24.98                | 24.74       | 26.97          | -0.24                       | -0.97                      | -2.23                          | -8.28                               | 24.98                      | 24.98                             | 0.01                        | 0.03                       |
| Second SES quarter                 | 2,751                                  | 336                                          | 25.54                | 25.36       | 27.02          | -0.18                       | -0.71                      | -1.66                          | -6.14                               | 25.54                      | 25.53                             | 0.01                        | 0.03                       |
| Third SES quarter                  | 2,850                                  | 346                                          | 24.77                | 24.43       | 27.56          | -0.34                       | -1.38                      | -3.13                          | -11.36                              | 24.77                      | 24.79                             | -0.02                       | -0.09                      |
| Highest SES quarter                | 3,560                                  | 345                                          | 24.71                | 25.47       | 18.45          | 0.76 <sup>1</sup>           | 3.10                       | 7.02 <sup>1</sup>              | 38.07                               | 24.71                      | 24.70                             | 0.01                        | 0.03                       |
| Student sex                        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 5,571                                  | 640                                          | 49.08                | 48.83       | 51.09          | -0.25                       | -0.50                      | -2.25                          | -4.41                               | 49.08                      | 49.09                             | -0.02                       | -0.03                      |
| Female                             | 6,198                                  | 723                                          | 50.92                | 51.17       | 48.91          | 0.25                        | 0.48                       | 2.25                           | 4.61                                | 50.92                      | 50.91                             | 0.02                        | 0.03                       |
| Free or reduced-price lunch        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,179                                  | 258                                          | 8.07                 | 8.05        | 8.19           | -0.01                       | -0.18                      | -0.13                          | -1.60                               | 8.07                       | 8.07                              | #                           | 0.03                       |
| 1–10                               | 2,708                                  | 306                                          | 25.00                | 24.95       | 25.40          | -0.05                       | -0.20                      | -0.45                          | -1.77                               | 25.00                      | 25.02                             | -0.02                       | -0.09                      |
| 11–30                              | 3,595                                  | 336                                          | 35.94                | 36.57       | 30.81          | 0.63                        | 1.75                       | 5.76                           | 18.71                               | 35.94                      | 35.93                             | 0.01                        | 0.03                       |
| Greater than 30                    | 3,287                                  | 463                                          | 30.99                | 30.43       | 35.61          | -0.56                       | -1.82                      | -5.18                          | -14.55                              | 30.99                      | 30.98                             | 0.01                        | 0.03                       |
| Number of full-time teachers       |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 3,090                                  | 345                                          | 18.13                | 18.12       | 18.16          | #                           | -0.02                      | -0.03                          | -0.17                               | 18.13                      | 18.12                             | 0.01                        | 0.03                       |
| 41–70                              | 3,069                                  | 257                                          | 23.37                | 24.29       | 15.77          | 0.93 <sup>1</sup>           | 3.97                       | 8.52 <sup>1</sup>              | 54.01                               | 23.37                      | 23.36                             | 0.01                        | 0.03                       |
| 71–100                             | 3,009                                  | 352                                          | 30.22                | 29.99       | 32.12          | -0.23                       | -0.77                      | -2.14                          | -6.65                               | 30.22                      | 30.24                             | -0.02                       | -0.07                      |
| 101+                               | 2,601                                  | 409                                          | 28.28                | 27.59       | 33.95          | -0.69                       | -2.45                      | -6.35                          | -18.72                              | 28.28                      | 28.28                             | 0.01                        | 0.03                       |
| Number of grades within the school |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 8,961                                  | 1,048                                        | 79.75                | 79.27       | 83.64          | -0.48                       | -0.60                      | -4.37                          | -5.23                               | 79.75                      | 79.75                             | -0.01                       | -0.01                      |
| Less than or greater than 4        | 2,808                                  | 315                                          | 20.25                | 20.73       | 16.36          | 0.48                        | 2.35                       | 4.37                           | 26.73                               | 20.25                      | 20.25                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 758                                    | 123                                          | 4.85                 | 4.83         | 5.00            | -0.02                       | -0.40                      | -0.18                          | -3.54                               | 4.85                       | 4.85                              | #                           | 0.03                       |
| Middle grades but no elementary                                  | 1,225                                  | 138                                          | 7.62                 | 7.74         | 6.63            | 0.12                        | 1.59                       | 1.11                           | 16.76                               | 7.62                       | 7.61                              | #                           | 0.03                       |
| Only high school                                                 | 9,786                                  | 1,102                                        | 87.54                | 87.44        | 88.37           | -0.10                       | -0.12                      | -0.93                          | -1.06                               | 87.54                      | 87.54                             | #                           | #                          |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 4,740                                  | 406                                          | 37.83                | 38.93        | 28.75           | 1.11 <sup>1</sup>           | 2.93                       | 10.18 <sup>1</sup>             | 35.40                               | 37.83                      | 37.84                             | -0.02                       | -0.05                      |
| Greater than 3 percent                                           | 7,029                                  | 957                                          | 62.17                | 61.07        | 71.25           | -1.11 <sup>1</sup>          | -1.78                      | -10.18 <sup>1</sup>            | -14.29                              | 62.17                      | 62.16                             | 0.02                        | 0.03                       |
| IEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 4,710                                  | 530                                          | 26.37                | 26.32        | 26.82           | -0.05                       | -0.21                      | -0.50                          | -1.86                               | 26.37                      | 26.36                             | 0.01                        | 0.03                       |
| 6–10 percent                                                     | 2,933                                  | 365                                          | 32.76                | 32.54        | 34.53           | -0.22                       | -0.66                      | -1.99                          | -5.75                               | 32.76                      | 32.78                             | -0.02                       | -0.06                      |
| 11–15 percent                                                    | 2,670                                  | 242                                          | 26.83                | 27.58        | 20.72           | 0.75                        | 2.79                       | 6.86                           | 33.14                               | 26.83                      | 26.83                             | 0.01                        | 0.03                       |
| Greater than 15 percent                                          | 1,456                                  | 226                                          | 14.04                | 13.56        | 17.94           | -0.48                       | -3.40                      | -4.38                          | -24.41                              | 14.04                      | 14.03                             | #                           | 0.03                       |
| LEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0 percent                                                        | 5,231                                  | 532                                          | 34.05                | 34.71        | 28.65           | 0.66                        | 1.94                       | 6.06                           | 21.16                               | 34.05                      | 34.04                             | 0.01                        | 0.03                       |
| 1 percent                                                        | 2,341                                  | 279                                          | 23.34                | 23.03        | 25.88           | -0.31                       | -1.33                      | -2.85                          | -11.00                              | 23.34                      | 23.37                             | -0.02                       | -0.10                      |
| 2–5 percent                                                      | 1,924                                  | 263                                          | 18.77                | 18.42        | 21.58           | -0.34                       | -1.83                      | -3.16                          | -14.64                              | 18.77                      | 18.76                             | 0.01                        | 0.03                       |
| Greater than 5 percent                                           | 2,273                                  | 289                                          | 23.84                | 23.83        | 23.89           | -0.01                       | -0.02                      | -0.05                          | -0.23                               | 23.84                      | 23.83                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-4a. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 5,623                                  | 782                                          | 50.97                | 50.12        | 57.94           | -0.85                       | -1.67                      | -7.82                          | -13.49                              | 50.97                      | 50.96                             | 0.02                        | 0.03                       |
| Greater than 80 percent                       | 6,146                                  | 581                                          | 49.03                | 49.88        | 42.06           | 0.85                        | 1.74                       | 7.82                           | 18.59                               | 49.03                      | 49.04                             | -0.02                       | -0.03                      |
| Number of part-time teachers                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 3,158                                  | 556                                          | 31.06                | 29.47        | 44.01           | -1.58 <sup>1</sup>          | -5.10                      | -14.54 <sup>1</sup>            | -33.04                              | 31.06                      | 31.05                             | 0.01                        | 0.03                       |
| 2–3                                           | 3,500                                  | 275                                          | 28.78                | 29.64        | 21.74           | 0.86 <sup>1</sup>           | 2.99                       | 7.90 <sup>1</sup>              | 36.34                               | 28.78                      | 28.77                             | 0.01                        | 0.03                       |
| 4–6                                           | 2,931                                  | 295                                          | 21.69                | 21.92        | 19.78           | 0.23                        | 1.07                       | 2.14                           | 10.80                               | 21.69                      | 21.68                             | 0.01                        | 0.03                       |
| 7+                                            | 2,180                                  | 237                                          | 18.48                | 18.97        | 14.46           | 0.49                        | 2.66                       | 4.51                           | 31.16                               | 18.48                      | 18.50                             | -0.02                       | -0.13                      |
| Full-time teachers certified                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 2,990                                  | 407                                          | 15.97                | 15.38        | 20.79           | -0.59                       | -3.69                      | -5.41                          | -26.04                              | 15.97                      | 15.96                             | #                           | 0.03                       |
| 91–99 percent                                 | 2,067                                  | 256                                          | 20.24                | 19.88        | 23.18           | -0.36                       | -1.77                      | -3.30                          | -14.23                              | 20.24                      | 20.24                             | 0.01                        | 0.03                       |
| 100 percent                                   | 6,712                                  | 700                                          | 63.79                | 64.74        | 56.03           | 0.95                        | 1.49                       | 8.71                           | 15.55                               | 63.79                      | 63.80                             | -0.01                       | -0.02                      |
| Student race/ethnicity                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,636                                  | 219                                          | 16.03                | 15.57        | 19.79           | -0.46                       | -2.86                      | -4.22                          | -21.30                              | 16.03                      | 16.03                             | #                           | 0.03                       |
| Asian                                         | 1,154                                  | 134                                          | 4.17                 | 4.11         | 4.62            | -0.06                       | -1.34                      | -0.51                          | -11.12                              | 4.17                       | 4.17                              | #                           | 0.03                       |
| Black or African American                     | 1,414                                  | 275                                          | 14.32                | 13.38        | 21.98           | -0.94 <sup>1</sup>          | -6.54                      | -8.59 <sup>1</sup>             | -39.10                              | 14.32                      | 14.33                             | -0.01                       | -0.07                      |
| All other races                               | 7,565                                  | 735                                          | 65.48                | 66.93        | 53.61           | 1.45 <sup>1</sup>           | 2.22                       | 13.32 <sup>1</sup>             | 24.85                               | 65.48                      | 65.48                             | #                           | 0.01                       |
| Number of days in school year                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,117                                  | 313                                          | 24.50                | 24.91        | 21.11           | 0.41                        | 1.69                       | 3.80                           | 18.01                               | 24.50                      | 24.49                             | 0.01                        | 0.03                       |
| 180 days                                      | 6,483                                  | 824                                          | 56.94                | 56.19        | 63.08           | -0.75                       | -1.32                      | -6.89                          | -10.92                              | 56.94                      | 56.93                             | 0.02                        | 0.03                       |
| More than 180 days                            | 2,169                                  | 226                                          | 18.56                | 18.89        | 15.81           | 0.34                        | 1.81                       | 3.09                           | 19.53                               | 18.56                      | 18.58                             | -0.02                       | -0.13                      |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Father's occupation    |                                                |                                      |                                                                       |                        |                        |
| No job for pay         | 0.75                                           | 0.75                                 | 0.75                                                                  | #                      | #                      |
| Clerical               | 2.48                                           | 2.48                                 | 2.48                                                                  | #                      | #                      |
| Craftsperson           | 13.92                                          | 13.93                                | 13.92                                                                 | #                      | 0.01                   |
| Farmer, farm manager   | 2.20                                           | 2.21                                 | 2.20                                                                  | #                      | 0.01                   |
| Homemaker              | 2.61                                           | 2.61                                 | 2.61                                                                  | #                      | #                      |
| Laborer                | 10.66                                          | 10.66                                | 10.66                                                                 | #                      | #                      |
| Manager, administrator | 14.78                                          | 14.78                                | 14.78                                                                 | #                      | #                      |
| Military               | 1.34                                           | 1.34                                 | 1.34                                                                  | #                      | #                      |
| Operative              | 12.36                                          | 12.33                                | 12.36                                                                 | #                      | -0.03                  |
| Professional A         | 9.88                                           | 9.88                                 | 9.88                                                                  | #                      | #                      |
| Professional B         | 4.65                                           | 4.66                                 | 4.65                                                                  | #                      | 0.01                   |
| Proprietor, owner      | 5.61                                           | 5.61                                 | 5.61                                                                  | #                      | #                      |
| Protective service     | 3.49                                           | 3.49                                 | 3.49                                                                  | #                      | #                      |
| Sales                  | 5.28                                           | 5.28                                 | 5.28                                                                  | #                      | #                      |
| School teacher         | 1.33                                           | 1.33                                 | 1.33                                                                  | #                      | #                      |
| Service                | 3.87                                           | 3.87                                 | 3.87                                                                  | #                      | #                      |
| Technical              | 4.80                                           | 4.81                                 | 4.80                                                                  | #                      | 0.01                   |
| Mother's occupation    |                                                |                                      |                                                                       |                        |                        |
| No job for pay         | 3.25                                           | 3.25                                 | 3.25                                                                  | #                      | #                      |
| Clerical               | 16.75                                          | 16.76                                | 16.75                                                                 | #                      | 0.01                   |
| Craftsperson           | 2.37                                           | 2.37                                 | 2.37                                                                  | #                      | #                      |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Mother's occupation—Continued            |                                         |                                     |                                                                |                        |                        |
| Farmer, farm manager                     | 0.58                                    | 0.58                                | 0.58                                                           | #                      | #                      |
| Homemaker                                | 5.94                                    | 5.94                                | 5.94                                                           | #                      | #                      |
| Laborer                                  | 4.60                                    | 4.61                                | 4.60                                                           | #                      | 0.01                   |
| Manager, administrator                   | 10.53                                   | 10.53                               | 10.53                                                          | #                      | #                      |
| Military                                 | 0.13                                    | 0.14                                | 0.13                                                           | #                      | 0.01                   |
| Operative                                | 4.38                                    | 4.37                                | 4.38                                                           | #                      | -0.01                  |
| Professional A                           | 13.45                                   | 13.44                               | 13.45                                                          | #                      | -0.01                  |
| Professional B                           | 3.45                                    | 3.45                                | 3.45                                                           | #                      | #                      |
| Proprietor, owner                        | 2.28                                    | 2.28                                | 2.28                                                           | #                      | #                      |
| Protective service                       | 0.68                                    | 0.67                                | 0.68                                                           | #                      | -0.01                  |
| Sales                                    | 4.37                                    | 4.37                                | 4.37                                                           | #                      | #                      |
| School teacher                           | 6.31                                    | 6.31                                | 6.31                                                           | #                      | #                      |
| Service                                  | 15.98                                   | 15.98                               | 15.98                                                          | #                      | #                      |
| Technical                                | 4.93                                    | 4.93                                | 4.93                                                           | #                      | #                      |
| English is the student's native language |                                         |                                     |                                                                |                        |                        |
| No                                       | 13.86                                   | 13.85                               | 13.86                                                          | #                      | -0.01                  |
| Yes                                      | 86.14                                   | 86.15                               | 86.14                                                          | #                      | 0.01                   |
| Senior cohort member                     |                                         |                                     |                                                                |                        |                        |
| No                                       | 15.11                                   | 15.12                               | 15.11                                                          | #                      | 0.01                   |
| Yes                                      | 84.89                                   | 84.88                               | 84.89                                                          | #                      | -0.01                  |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                                         |                                                |                                      |                                                                       |                        |                        |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.81                                          | 38.82                                | 38.81                                                                 | #                      | 0.01                   |
| Greater than 2 percent                                  | 61.19                                          | 61.18                                | 61.19                                                                 | #                      | -0.01                  |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.62                                          | 34.63                                | 34.62                                                                 | #                      | 0.01                   |
| Greater than 4 percent                                  | 65.38                                          | 65.37                                | 65.38                                                                 | #                      | -0.01                  |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.51                                           | 1.51                                 | 1.51                                                                  | #                      | #                      |
| \$1,001–\$5,000                                         | 1.87                                           | 1.87                                 | 1.87                                                                  | #                      | #                      |
| \$5,001–\$10,000                                        | 2.21                                           | 2.21                                 | 2.21                                                                  | #                      | #                      |
| \$10,001–\$15,000                                       | 4.34                                           | 4.34                                 | 4.34                                                                  | #                      | #                      |
| \$15,001–\$20,000                                       | 4.84                                           | 4.84                                 | 4.84                                                                  | #                      | #                      |
| \$20,001–\$25,000                                       | 6.47                                           | 6.47                                 | 6.47                                                                  | #                      | #                      |
| \$25,001–\$35,000                                       | 12.28                                          | 12.28                                | 12.28                                                                 | #                      | #                      |
| \$35,001–\$50,000                                       | 19.56                                          | 19.57                                | 19.56                                                                 | #                      | 0.01                   |
| \$50,001–\$75,000                                       | 21.06                                          | 21.07                                | 21.06                                                                 | #                      | 0.01                   |
| \$75,001–\$100,000                                      | 13.29                                          | 13.28                                | 13.29                                                                 | #                      | -0.01                  |
| \$100,001–\$200,000                                     | 9.96                                           | 9.95                                 | 9.96                                                                  | #                      | -0.01                  |
| \$200,001 or more                                       | 2.60                                           | 2.60                                 | 2.60                                                                  | #                      | #                      |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Census region            |                                         |                                     |                                                                |                        |                        |
| Northeast                | 18.54                                   | 18.51                               | 18.54                                                          | #                      | -0.03                  |
| Midwest                  | 24.46                                   | 24.46                               | 24.46                                                          | #                      | #                      |
| South                    | 34.41                                   | 34.42                               | 34.41                                                          | #                      | 0.01                   |
| West                     | 22.60                                   | 22.61                               | 22.60                                                          | #                      | 0.01                   |
| School sector            |                                         |                                     |                                                                |                        |                        |
| Public                   | 92.29                                   | 92.29                               | 92.29                                                          | #                      | #                      |
| Catholic                 | 4.31                                    | 4.31                                | 4.31                                                           | #                      | #                      |
| Other private            | 3.40                                    | 3.39                                | 3.40                                                           | #                      | -0.01                  |
| School urbanicity        |                                         |                                     |                                                                |                        |                        |
| Urban                    | 29.79                                   | 29.80                               | 29.79                                                          | #                      | 0.01                   |
| Suburban                 | 50.43                                   | 50.41                               | 50.43                                                          | #                      | -0.02                  |
| Rural                    | 19.78                                   | 19.78                               | 19.78                                                          | #                      | #                      |
| Minutes per class period |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 45 | 18.97                                   | 18.95                               | 18.97                                                          | #                      | -0.02                  |
| 46–50                    | 21.67                                   | 21.68                               | 21.67                                                          | #                      | 0.01                   |
| 51–80                    | 28.79                                   | 28.80                               | 28.79                                                          | #                      | 0.01                   |
| 81+                      | 30.57                                   | 30.58                               | 30.57                                                          | #                      | 0.01                   |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                    | Means                               |                                                                | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                              | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Class periods per day        |                                         |                                     |                                                                |                        |                        |
| 1–4                          | 31.53                                   | 31.54                               | 31.53                                                          | #                      | 0.01                   |
| 5–6                          | 26.48                                   | 26.49                               | 26.48                                                          | #                      | 0.01                   |
| 7                            | 24.93                                   | 24.93                               | 24.93                                                          | #                      | #                      |
| 8–9                          | 17.06                                   | 17.04                               | 17.06                                                          | #                      | -0.02                  |
| Is the school coeducational? |                                         |                                     |                                                                |                        |                        |
| Yes                          | 97.99                                   | 97.99                               | 97.99                                                          | #                      | #                      |
| No, all-female school        | 0.98                                    | 0.98                                | 0.98                                                           | #                      | #                      |
| No, all-male school          | 1.02                                    | 1.02                                | 1.02                                                           | #                      | #                      |
| 10th-grade enrollment        |                                         |                                     |                                                                |                        |                        |
| 0–99                         | 12.49                                   | 12.49                               | 12.49                                                          | #                      | #                      |
| 100–249                      | 22.42                                   | 22.42                               | 22.42                                                          | #                      | #                      |
| 250–499                      | 36.13                                   | 36.11                               | 36.13                                                          | #                      | -0.02                  |
| 500+                         | 28.97                                   | 28.98                               | 28.97                                                          | #                      | 0.01                   |
| Total enrollment             |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 600    | 17.59                                   | 17.60                               | 17.59                                                          | #                      | 0.01                   |
| 601–1,200                    | 27.54                                   | 27.55                               | 27.54                                                          | #                      | 0.01                   |
| 1,201–1,800                  | 26.12                                   | 26.10                               | 26.12                                                          | #                      | -0.02                  |
| Greater than 1,800           | 28.75                                   | 28.76                               | 28.75                                                          | #                      | 0.01                   |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                            | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Family composition                         |                                         |                                     |                                                                |                        |                        |
| Mother and father                          | 57.72                                   | 57.71                               | 57.72                                                          | #                      | -0.01                  |
| Mother and male guardian                   | 13.08                                   | 13.08                               | 13.08                                                          | #                      | #                      |
| Father and female guardian                 | 3.15                                    | 3.16                                | 3.15                                                           | #                      | 0.01                   |
| Two guardians                              | 1.77                                    | 1.77                                | 1.77                                                           | #                      | #                      |
| Mother only                                | 18.50                                   | 18.51                               | 18.50                                                          | #                      | 0.01                   |
| Father only                                | 3.14                                    | 3.15                                | 3.14                                                           | #                      | 0.01                   |
| Female guardian only                       | 1.32                                    | 1.32                                | 1.32                                                           | #                      | #                      |
| Male guardian only                         | 0.28                                    | 0.28                                | 0.28                                                           | #                      | #                      |
| Lives with student less than half the year | 1.03                                    | 1.03                                | 1.03                                                           | #                      | #                      |
| Parent's highest level of education        |                                         |                                     |                                                                |                        |                        |
| Did not finish high school                 | 6.50                                    | 6.51                                | 6.50                                                           | #                      | 0.01                   |
| Graduated from high school or GED          | 21.32                                   | 21.33                               | 21.32                                                          | #                      | 0.01                   |
| Attended 2-year school, no degree          | 11.50                                   | 11.50                               | 11.50                                                          | #                      | #                      |
| Graduated from 2-year school               | 11.13                                   | 11.13                               | 11.13                                                          | #                      | #                      |
| Attended college, no 4-year degree         | 11.43                                   | 11.42                               | 11.43                                                          | #                      | -0.01                  |
| Graduated from college                     | 21.78                                   | 21.78                               | 21.78                                                          | #                      | #                      |
| Completed Master's degree or equivalent    | 11.07                                   | 11.05                               | 11.07                                                          | #                      | -0.02                  |
| Completed PhD, MD, other advanced degree   | 5.27                                    | 5.27                                | 5.27                                                           | #                      | #                      |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Socioeconomic quarter              |                                                |                                      |                                                                       |                        |                        |
| Lowest SES quarter                 | 24.98                                          | 24.98                                | 24.98                                                                 | #                      | #                      |
| Second SES quarter                 | 25.53                                          | 25.54                                | 25.53                                                                 | #                      | 0.01                   |
| Third SES quarter                  | 24.79                                          | 24.77                                | 24.79                                                                 | #                      | -0.02                  |
| Highest SES quarter                | 24.70                                          | 24.71                                | 24.70                                                                 | #                      | 0.01                   |
| Student sex                        |                                                |                                      |                                                                       |                        |                        |
| Male                               | 49.09                                          | 49.08                                | 49.09                                                                 | #                      | -0.01                  |
| Female                             | 50.91                                          | 50.92                                | 50.91                                                                 | #                      | 0.01                   |
| Free or reduced-price lunch        |                                                |                                      |                                                                       |                        |                        |
| 0                                  | 8.07                                           | 8.07                                 | 8.07                                                                  | #                      | #                      |
| 1–10                               | 25.02                                          | 25.00                                | 25.02                                                                 | #                      | -0.02                  |
| 11–30                              | 35.93                                          | 35.94                                | 35.93                                                                 | #                      | 0.01                   |
| Greater than 30                    | 30.98                                          | 30.99                                | 30.98                                                                 | #                      | 0.01                   |
| Number of full-time teachers       |                                                |                                      |                                                                       |                        |                        |
| 1–40                               | 18.12                                          | 18.13                                | 18.12                                                                 | #                      | 0.01                   |
| 41–70                              | 23.36                                          | 23.37                                | 23.36                                                                 | #                      | 0.01                   |
| 71–100                             | 30.24                                          | 30.22                                | 30.24                                                                 | #                      | -0.02                  |
| 101+                               | 28.28                                          | 28.28                                | 28.28                                                                 | #                      | #                      |
| Number of grades within the school |                                                |                                      |                                                                       |                        |                        |
| 4                                  | 79.75                                          | 79.75                                | 79.75                                                                 | #                      | #                      |
| Less than or greater than 4        | 20.25                                          | 20.25                                | 20.25                                                                 | #                      | #                      |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|---------------------------------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                                                     | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Types of grades within the school                                   |                                         |                                     |                                                                |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.85                                    | 4.85                                | 4.85                                                           | #                      | #                      |
| Middle grades but no elementary                                     | 7.61                                    | 7.62                                | 7.61                                                           | #                      | 0.01                   |
| Only high school                                                    | 87.54                                   | 87.54                               | 87.54                                                          | #                      | #                      |
| Hispanic or Latino 10th-grade enrollment percent                    |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 3 percent                                     | 37.84                                   | 37.83                               | 37.84                                                          | #                      | -0.01                  |
| Greater than 3 percent                                              | 62.16                                   | 62.17                               | 62.16                                                          | #                      | 0.01                   |
| IEP percentage                                                      |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 5 percent                                     | 26.36                                   | 26.37                               | 26.36                                                          | #                      | 0.01                   |
| 6–10 percent                                                        | 32.78                                   | 32.76                               | 32.78                                                          | #                      | -0.02                  |
| 11–15 percent                                                       | 26.83                                   | 26.83                               | 26.83                                                          | #                      | #                      |
| Greater than 15 percent                                             | 14.03                                   | 14.04                               | 14.03                                                          | #                      | 0.01                   |
| LEP percentage                                                      |                                         |                                     |                                                                |                        |                        |
| 0 percent                                                           | 34.04                                   | 34.05                               | 34.04                                                          | #                      | 0.01                   |
| 1 percent                                                           | 23.37                                   | 23.34                               | 23.37                                                          | #                      | -0.03                  |
| 2–5 percent                                                         | 18.76                                   | 18.77                               | 18.76                                                          | #                      | 0.01                   |
| Greater than 5 percent                                              | 23.83                                   | 23.84                               | 23.83                                                          | #                      | 0.01                   |
| All other races 10th-grade enrollment percent                       |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 80 percent                                    | 50.96                                   | 50.97                               | 50.96                                                          | #                      | 0.01                   |
| Greater than 80 percent                                             | 49.04                                   | 49.03                               | 49.04                                                          | #                      | -0.01                  |

See notes at end of table.

**Table H-4b. Nonresponse bias before and after weight adjustments for the sample using the BYF3 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|-------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                    | Means                               |                                                                | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                               | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Number of part-time teachers  |                                         |                                     |                                                                |                        |                        |
| 0–1                           | 31.05                                   | 31.06                               | 31.05                                                          | #                      | 0.01                   |
| 2–3                           | 28.77                                   | 28.78                               | 28.77                                                          | #                      | 0.01                   |
| 4–6                           | 21.68                                   | 21.69                               | 21.68                                                          | #                      | 0.01                   |
| 7+                            | 18.50                                   | 18.48                               | 18.50                                                          | #                      | -0.02                  |
| Full-time teachers certified  |                                         |                                     |                                                                |                        |                        |
| 0–90 percent                  | 15.96                                   | 15.97                               | 15.96                                                          | #                      | 0.01                   |
| 91–99 percent                 | 20.24                                   | 20.24                               | 20.24                                                          | #                      | #                      |
| 100 percent                   | 63.80                                   | 63.79                               | 63.80                                                          | #                      | -0.01                  |
| Student race/ethnicity        |                                         |                                     |                                                                |                        |                        |
| Hispanic or Latino            | 16.03                                   | 16.03                               | 16.03                                                          | #                      | #                      |
| Asian                         | 4.17                                    | 4.17                                | 4.17                                                           | #                      | #                      |
| Black or African American     | 14.33                                   | 14.32                               | 14.33                                                          | #                      | -0.01                  |
| All other races               | 65.48                                   | 65.48                               | 65.48                                                          | #                      | #                      |
| Number of days in school year |                                         |                                     |                                                                |                        |                        |
| Less than 180 days            | 24.49                                   | 24.50                               | 24.49                                                          | #                      | 0.01                   |
| 180 days                      | 56.93                                   | 56.94                               | 56.93                                                          | #                      | 0.01                   |
| More than 180 days            | 18.58                                   | 18.56                               | 18.58                                                          | #                      | -0.02                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Father's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| No job for pay         | 122                                    | 46                                           | 0.74                 | 0.62        | 1.19           | -0.12                       | -16.62                     | -0.58                          | -48.19                     | 0.74                                | 0.74                              | #                           | -0.04                      |
| Clerical               | 285                                    | 87                                           | 2.47                 | 2.42        | 2.67           | -0.05                       | -2.22                      | -0.26                          | -9.56                      | 2.47                                | 2.47                              | #                           | -0.04                      |
| Craftsperson           | 1,571                                  | 435                                          | 13.98                | 13.59       | 15.42          | -0.39                       | -2.80                      | -1.83                          | -11.85                     | 13.98                               | 13.99                             | -0.01                       | -0.04                      |
| Farmer, farm manager   | 236                                    | 65                                           | 2.27                 | 2.32        | 2.09           | 0.05                        | 2.15                       | 0.23                           | 10.92                      | 2.27                                | 2.27                              | #                           | -0.04                      |
| Homemaker              | 272                                    | 130                                          | 2.67                 | 2.22        | 4.34           | -0.45 <sup>1</sup>          | -16.97                     | -2.12 <sup>1</sup>             | -48.81                     | 2.67                                | 2.68                              | #                           | -0.04                      |
| Laborer                | 1,240                                  | 386                                          | 10.63                | 10.18       | 12.24          | -0.44 <sup>1</sup>          | -4.16                      | -2.06 <sup>1</sup>             | -16.83                     | 10.63                               | 10.63                             | #                           | -0.04                      |
| Manager, administrator | 1,885                                  | 431                                          | 14.84                | 15.41       | 12.76          | 0.57 <sup>1</sup>           | 3.83                       | 2.65 <sup>1</sup>              | 20.78                      | 14.84                               | 14.85                             | -0.01                       | -0.04                      |
| Military               | 160                                    | 50                                           | 1.33                 | 1.32        | 1.38           | -0.01                       | -0.94                      | -0.06                          | -4.23                      | 1.33                                | 1.34                              | #                           | -0.04                      |
| Operative              | 1,380                                  | 430                                          | 12.28                | 11.83       | 13.94          | -0.45 <sup>1</sup>          | -3.69                      | -2.11 <sup>1</sup>             | -15.16                     | 12.28                               | 12.26                             | 0.02                        | 0.17                       |
| Professional A         | 1,400                                  | 276                                          | 9.87                 | 10.40       | 7.91           | 0.53 <sup>1</sup>           | 5.42                       | 2.49 <sup>1</sup>              | 31.53                      | 9.87                                | 9.86                              | 0.01                        | 0.09                       |
| Professional B         | 806                                    | 122                                          | 4.60                 | 4.96        | 3.28           | 0.36 <sup>1</sup>           | 7.85                       | 1.68 <sup>1</sup>              | 51.42                      | 4.60                                | 4.60                              | #                           | -0.04                      |
| Proprietor, owner      | 748                                    | 202                                          | 5.56                 | 5.56        | 5.60           | -0.01                       | -0.17                      | -0.05                          | -0.80                      | 5.56                                | 5.57                              | #                           | -0.04                      |
| Protective service     | 413                                    | 115                                          | 3.48                 | 3.50        | 3.38           | 0.03                        | 0.78                       | 0.13                           | 3.73                       | 3.48                                | 3.48                              | #                           | -0.04                      |
| Sales                  | 643                                    | 167                                          | 5.28                 | 5.45        | 4.67           | 0.17                        | 3.17                       | 0.78                           | 16.74                      | 5.28                                | 5.29                              | #                           | -0.04                      |
| School teacher         | 191                                    | 21                                           | 1.29                 | 1.50        | 0.56           | 0.20 <sup>1</sup>           | 15.55                      | 0.94 <sup>1</sup>              | 168.73                     | 1.29                                | 1.29                              | #                           | -0.04                      |
| Service                | 499                                    | 144                                          | 3.87                 | 3.81        | 4.11           | -0.06                       | -1.63                      | -0.30                          | -7.20                      | 3.87                                | 3.88                              | #                           | -0.04                      |
| Technical              | 593                                    | 139                                          | 4.81                 | 4.91        | 4.46           | 0.10                        | 1.98                       | 0.44                           | 9.95                       | 4.81                                | 4.81                              | #                           | -0.04                      |
| Mother's occupation    |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| No job for pay         | 465                                    | 127                                          | 3.18                 | 3.25        | 2.94           | 0.07                        | 2.09                       | 0.31                           | 10.55                      | 3.18                                | 3.18                              | #                           | -0.04                      |
| Clerical               | 2,024                                  | 493                                          | 16.74                | 16.75       | 16.71          | 0.01                        | 0.06                       | 0.05                           | 0.28                       | 16.74                               | 16.75                             | -0.01                       | -0.04                      |
| Craftsperson           | 273                                    | 77                                           | 2.40                 | 2.16        | 3.29           | -0.24 <sup>1</sup>          | -10.16                     | -1.14 <sup>1</sup>             | -34.55                     | 2.40                                | 2.40                              | #                           | -0.04                      |
| Farmer, farm manager   | 57                                     | 26                                           | 0.59                 | 0.50        | 0.93           | -0.09 <sup>1</sup>          | -15.87                     | -0.44 <sup>1</sup>             | -46.81                     | 0.59                                | 0.51                              | 0.08                        | 12.88                      |
| Homemaker              | 620                                    | 262                                          | 6.22                 | 5.70        | 8.16           | -0.53 <sup>1</sup>          | -8.48                      | -2.46 <sup>1</sup>             | -30.19                     | 6.22                                | 6.23                              | #                           | -0.04                      |
| Laborer                | 524                                    | 167                                          | 4.62                 | 4.36        | 5.59           | -0.26 <sup>1</sup>          | -5.70                      | -1.23 <sup>1</sup>             | -22.00                     | 4.62                                | 4.70                              | -0.08                       | -1.69                      |
| Manager, administrator | 1,333                                  | 345                                          | 10.46                | 10.50       | 10.31          | 0.04                        | 0.39                       | 0.19                           | 1.85                       | 10.46                               | 10.46                             | #                           | -0.04                      |
| Military               | 21                                     | 5                                            | 0.14                 | 0.15        | 0.13           | #                           | 3.15                       | 0.02                           | 16.62                      | 0.14                                | 0.14                              | #                           | 1.23                       |
| Operative              | 499                                    | 149                                          | 4.34                 | 4.25        | 4.67           | -0.09                       | -2.07                      | -0.42                          | -8.98                      | 4.34                                | 4.33                              | 0.01                        | 0.25                       |
| Professional A         | 1,880                                  | 352                                          | 13.36                | 14.31       | 9.89           | 0.95 <sup>1</sup>           | 7.09                       | 4.42 <sup>1</sup>              | 44.73                      | 13.36                               | 13.36                             | 0.01                        | 0.06                       |
| Professional B         | 495                                    | 115                                          | 3.42                 | 3.55        | 2.94           | 0.13                        | 3.79                       | 0.61                           | 20.56                      | 3.42                                | 3.41                              | 0.01                        | 0.35                       |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                         | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                         |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Mother's occupation—Continued                           |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Proprietor, owner                                       | 294                                    | 78                                           | 2.26                 | 2.20        | 2.48           | -0.06                       | -2.73                      | -0.29                          | -11.58                              | 2.26                       | 2.26                              | #                           | -0.04                      |
| Protective service                                      | 90                                     | 22                                           | 0.66                 | 0.69        | 0.54           | 0.03                        | 5.11                       | 0.16                           | 29.31                               | 0.66                       | 0.66                              | #                           | -0.31                      |
| Sales                                                   | 526                                    | 143                                          | 4.39                 | 4.29        | 4.78           | -0.11                       | -2.40                      | -0.49                          | -10.28                              | 4.39                       | 4.39                              | #                           | -0.04                      |
| School teacher                                          | 871                                    | 145                                          | 6.31                 | 6.91        | 4.09           | 0.60 <sup>1</sup>           | 9.59                       | 2.82 <sup>1</sup>              | 68.97                               | 6.31                       | 6.31                              | #                           | -0.04                      |
| Service                                                 | 1,866                                  | 577                                          | 15.99                | 15.60       | 17.42          | -0.39 <sup>1</sup>          | -2.44                      | -1.82 <sup>1</sup>             | -10.45                              | 15.99                      | 15.99                             | -0.01                       | -0.04                      |
| Technical                                               | 606                                    | 163                                          | 4.91                 | 4.85        | 5.14           | -0.06                       | -1.27                      | -0.29                          | -5.66                               | 4.91                       | 4.91                              | #                           | -0.04                      |
| English is the student's native language                |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 2,076                                  | 630                                          | 14.05                | 13.39       | 16.44          | -0.65 <sup>1</sup>          | -4.64                      | -3.04 <sup>1</sup>             | -18.52                              | 14.05                      | 14.04                             | 0.01                        | 0.05                       |
| Yes                                                     | 10,368                                 | 2,616                                        | 85.95                | 86.61       | 83.56          | 0.65 <sup>1</sup>           | 0.76                       | 3.04 <sup>1</sup>              | 3.64                                | 85.95                      | 85.96                             | -0.01                       | -0.01                      |
| Sophomore cohort member                                 |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 117                                    | 39                                           | 1.22                 | 1.16        | 1.41           | -0.05                       | -4.32                      | -0.25                          | -17.42                              | 1.22                       | 1.22                              | #                           | -0.04                      |
| Yes                                                     | 12,327                                 | 3,207                                        | 98.78                | 98.84       | 98.59          | 0.05                        | 0.05                       | 0.25                           | 0.25                                | 98.78                      | 98.78                             | #                           | #                          |
| Senior cohort member                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,256                                  | 808                                          | 14.82                | 11.68       | 26.35          | -3.14 <sup>1</sup>          | -21.22                     | -14.67 <sup>1</sup>            | -55.68                              | 14.82                      | 15.31                             | -0.49                       | -3.32                      |
| Yes                                                     | 11,188                                 | 2,438                                        | 85.18                | 88.32       | 73.65          | 3.14 <sup>1</sup>           | 3.69                       | 14.67 <sup>1</sup>             | 19.92                               | 85.18                      | 84.69                             | 0.49                        | 0.58                       |
| Asian 10th grade enrollment percent                     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 2 percent                         | 4,841                                  | 1,233                                        | 38.67                | 38.60       | 38.91          | -0.07                       | -0.17                      | -0.31                          | -0.78                               | 38.67                      | 38.68                             | -0.01                       | -0.04                      |
| Greater than 2 percent                                  | 7,603                                  | 2,013                                        | 61.33                | 61.40       | 61.09          | 0.07                        | 0.11                       | 0.31                           | 0.50                                | 61.33                      | 61.32                             | 0.01                        | 0.02                       |
| Black or African American 10th grade enrollment percent |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 4 percent                         | 4,310                                  | 1,028                                        | 34.46                | 35.04       | 32.30          | 0.59 <sup>1</sup>           | 1.70                       | 2.74 <sup>1</sup>              | 8.47                                | 34.46                      | 34.47                             | -0.01                       | -0.04                      |
| Greater than 4 percent                                  | 8,134                                  | 2,218                                        | 65.54                | 64.96       | 67.70          | -0.59 <sup>1</sup>          | -0.89                      | -2.74 <sup>1</sup>             | -4.04                               | 65.54                      | 65.53                             | 0.01                        | 0.02                       |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Income              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| \$1,000 or less     | 177                                    | 68                                           | 1.50                 | 1.35         | 2.03            | -0.15 <sup>1</sup>          | -9.81                      | -0.69 <sup>1</sup>             | -33.67                              | 1.50                       | 1.50                              | #                           | -0.04                      |
| \$1,001–\$5,000     | 217                                    | 77                                           | 1.86                 | 1.77         | 2.19            | -0.09                       | -4.80                      | -0.42                          | -19.05                              | 1.86                       | 1.86                              | #                           | -0.04                      |
| \$5,001–\$10,000    | 248                                    | 97                                           | 2.26                 | 2.06         | 2.99            | -0.20 <sup>1</sup>          | -8.80                      | -0.93 <sup>1</sup>             | -31.03                              | 2.26                       | 2.26                              | #                           | -0.04                      |
| \$10,001–\$15,000   | 489                                    | 180                                          | 4.33                 | 4.04         | 5.43            | -0.30 <sup>1</sup>          | -6.88                      | -1.39 <sup>1</sup>             | -25.64                              | 4.33                       | 4.34                              | #                           | -0.04                      |
| \$15,001–\$20,000   | 548                                    | 207                                          | 4.85                 | 4.51         | 6.10            | -0.34 <sup>1</sup>          | -7.04                      | -1.59 <sup>1</sup>             | -26.10                              | 4.85                       | 4.85                              | #                           | -0.04                      |
| \$20,001–\$25,000   | 719                                    | 240                                          | 6.48                 | 6.12         | 7.80            | -0.36 <sup>1</sup>          | -5.57                      | -1.68 <sup>1</sup>             | -21.58                              | 6.48                       | 6.48                              | #                           | -0.04                      |
| \$25,001–\$35,000   | 1,388                                  | 441                                          | 12.22                | 11.79        | 13.77           | -0.43 <sup>1</sup>          | -3.48                      | -1.98 <sup>1</sup>             | -14.41                              | 12.22                      | 12.22                             | #                           | -0.04                      |
| \$35,001–\$50,000   | 2,293                                  | 629                                          | 19.51                | 19.28        | 20.35           | -0.23                       | -1.17                      | -1.06                          | -5.21                               | 19.51                      | 19.52                             | -0.01                       | -0.04                      |
| \$50,001–\$75,000   | 2,630                                  | 593                                          | 21.08                | 21.83        | 18.30           | 0.76 <sup>1</sup>           | 3.60                       | 3.54 <sup>1</sup>              | 19.34                               | 21.08                      | 21.08                             | -0.01                       | -0.04                      |
| \$75,001–\$100,000  | 1,755                                  | 360                                          | 13.32                | 13.98        | 10.90           | 0.66 <sup>1</sup>           | 4.96                       | 3.08 <sup>1</sup>              | 28.30                               | 13.32                      | 13.30                             | 0.02                        | 0.16                       |
| \$100,001–\$200,000 | 1,497                                  | 265                                          | 9.96                 | 10.50        | 7.95            | 0.55 <sup>1</sup>           | 5.50                       | 2.56 <sup>1</sup>              | 32.15                               | 9.96                       | 9.95                              | 0.01                        | 0.09                       |
| \$200,001 or more   | 483                                    | 89                                           | 2.63                 | 2.76         | 2.19            | 0.12                        | 4.61                       | 0.57                           | 25.90                               | 2.63                       | 2.63                              | #                           | -0.04                      |
| Census region       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Northeast           | 2,241                                  | 620                                          | 18.08                | 17.95        | 18.57           | -0.13                       | -0.74                      | -0.63                          | -3.37                               | 18.08                      | 18.05                             | 0.03                        | 0.17                       |
| Midwest             | 3,207                                  | 738                                          | 24.22                | 24.56        | 22.99           | 0.34                        | 1.39                       | 1.57                           | 6.81                                | 24.22                      | 24.23                             | -0.01                       | -0.04                      |
| South               | 4,509                                  | 1,176                                        | 34.63                | 34.65        | 34.57           | 0.02                        | 0.05                       | 0.08                           | 0.22                                | 34.63                      | 34.64                             | -0.01                       | -0.04                      |
| West                | 2,487                                  | 712                                          | 23.06                | 22.85        | 23.86           | -0.22                       | -0.95                      | -1.02                          | -4.27                               | 23.06                      | 23.07                             | -0.01                       | -0.04                      |
| School sector       |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Public              | 9,574                                  | 2,779                                        | 92.46                | 91.83        | 94.76           | -0.63 <sup>1</sup>          | -0.68                      | -2.93 <sup>1</sup>             | -3.09                               | 92.46                      | 92.45                             | #                           | #                          |
| Catholic            | 1,676                                  | 253                                          | 4.20                 | 4.67         | 2.49            | 0.47 <sup>1</sup>           | 11.13                      | 2.18 <sup>1</sup>              | 87.73                               | 4.20                       | 4.20                              | #                           | -0.04                      |
| Other private       | 1,194                                  | 214                                          | 3.34                 | 3.51         | 2.75            | 0.16                        | 4.82                       | 0.75                           | 27.33                               | 3.34                       | 3.35                              | #                           | -0.06                      |
| School urbanicity   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Urban               | 4,251                                  | 1,065                                        | 30.16                | 30.20        | 30.04           | 0.03                        | 0.11                       | 0.16                           | 0.53                                | 30.16                      | 30.18                             | -0.01                       | -0.04                      |
| Suburban            | 5,942                                  | 1,581                                        | 50.10                | 49.86        | 51.00           | -0.24                       | -0.49                      | -1.14                          | -2.24                               | 50.10                      | 50.09                             | 0.02                        | 0.04                       |
| Rural               | 2,251                                  | 600                                          | 19.73                | 19.94        | 18.96           | 0.21                        | 1.07                       | 0.98                           | 5.17                                | 19.73                      | 19.74                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                              |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Minutes per class period     |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 2,975                                  | 742                                          | 18.59                | 18.49        | 18.96           | -0.10                       | -0.54                      | -0.46                          | -2.45                               | 18.59                      | 18.56                             | 0.03                        | 0.17                       |
| 46–50                        | 2,708                                  | 661                                          | 21.78                | 21.95        | 21.14           | 0.17                        | 0.80                       | 0.81                           | 3.85                                | 21.78                      | 21.79                             | -0.01                       | -0.04                      |
| 51–80                        | 3,297                                  | 880                                          | 28.92                | 29.01        | 28.58           | 0.09                        | 0.32                       | 0.44                           | 1.52                                | 28.92                      | 28.93                             | -0.01                       | -0.04                      |
| 81+                          | 3,464                                  | 963                                          | 30.71                | 30.54        | 31.32           | -0.17                       | -0.55                      | -0.78                          | -2.50                               | 30.71                      | 30.72                             | -0.01                       | -0.04                      |
| Class periods per day        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,595                                  | 974                                          | 31.68                | 31.66        | 31.76           | -0.02                       | -0.06                      | -0.09                          | -0.29                               | 31.68                      | 31.70                             | -0.01                       | -0.04                      |
| 5–6                          | 3,012                                  | 825                                          | 26.63                | 26.67        | 26.49           | 0.04                        | 0.14                       | 0.17                           | 0.66                                | 26.63                      | 26.64                             | -0.01                       | -0.04                      |
| 7                            | 3,392                                  | 856                                          | 24.78                | 24.59        | 25.50           | -0.20                       | -0.79                      | -0.92                          | -3.59                               | 24.78                      | 24.79                             | -0.01                       | -0.04                      |
| 8–9                          | 2,445                                  | 591                                          | 16.90                | 17.08        | 16.25           | 0.18                        | 1.06                       | 0.83                           | 5.13                                | 16.90                      | 16.87                             | 0.03                        | 0.19                       |
| Is the school coeducational? |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 11,762                                 | 3,145                                        | 98.04                | 97.81        | 98.89           | -0.23 <sup>1</sup>          | -0.24                      | -1.08 <sup>1</sup>             | -1.09                               | 98.04                      | 98.04                             | #                           | #                          |
| No, all-female school        | 327                                    | 37                                           | 0.95                 | 1.08         | 0.45            | 0.14 <sup>1</sup>           | 14.30                      | 0.63 <sup>1</sup>              | 140.17                              | 0.95                       | 0.95                              | #                           | -0.04                      |
| No, all-male school          | 355                                    | 64                                           | 1.01                 | 1.11         | 0.66            | 0.10 <sup>1</sup>           | 9.52                       | 0.45 <sup>1</sup>              | 68.25                               | 1.01                       | 1.01                              | #                           | -0.04                      |
| 10th-grade enrollment        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,453                                  | 575                                          | 12.45                | 12.54        | 12.09           | 0.10                        | 0.79                       | 0.46                           | 3.79                                | 12.45                      | 12.45                             | #                           | -0.04                      |
| 100–249                      | 3,241                                  | 765                                          | 22.13                | 22.41        | 21.13           | 0.27                        | 1.23                       | 1.27                           | 6.01                                | 22.13                      | 22.14                             | -0.01                       | -0.04                      |
| 250–499                      | 3,962                                  | 1,062                                        | 36.18                | 35.97        | 36.95           | -0.21                       | -0.58                      | -0.98                          | -2.66                               | 36.18                      | 36.16                             | 0.02                        | 0.07                       |
| 500+                         | 2,788                                  | 844                                          | 29.24                | 29.08        | 29.83           | -0.16                       | -0.55                      | -0.75                          | -2.50                               | 29.24                      | 29.25                             | -0.01                       | -0.04                      |
| Total enrollment             |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 2,968                                  | 702                                          | 17.51                | 17.61        | 17.15           | 0.10                        | 0.56                       | 0.46                           | 2.66                                | 17.51                      | 17.52                             | -0.01                       | -0.04                      |
| 601–1,200                    | 3,764                                  | 939                                          | 27.27                | 27.31        | 27.11           | 0.04                        | 0.16                       | 0.20                           | 0.75                                | 27.27                      | 27.28                             | -0.01                       | -0.04                      |
| 1,201–1,800                  | 2,813                                  | 757                                          | 26.19                | 26.12        | 26.47           | -0.08                       | -0.29                      | -0.35                          | -1.34                               | 26.19                      | 26.17                             | 0.03                        | 0.11                       |
| Greater than 1,800           | 2,899                                  | 848                                          | 29.02                | 28.96        | 29.26           | -0.07                       | -0.23                      | -0.31                          | -1.05                               | 29.02                      | 29.03                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Mother and father                          | 7,718                                  | 1,636                                        | 57.61                | 59.96        | 49.01           | 2.35 <sup>1</sup>           | 4.07                       | 10.95 <sup>1</sup>             | 22.34                      | 57.61                               | 57.59                             | 0.02                        | 0.03                       |
| Mother and male guardian                   | 1,399                                  | 486                                          | 13.16                | 12.44        | 15.79           | -0.72 <sup>1</sup>          | -5.46                      | -3.35 <sup>1</sup>             | -21.24                     | 13.16                               | 13.16                             | -0.01                       | -0.04                      |
| Father and female guardian                 | 359                                    | 144                                          | 3.15                 | 2.74         | 4.67            | -0.41 <sup>1</sup>          | -13.14                     | -1.93 <sup>1</sup>             | -41.37                     | 3.15                                | 3.15                              | #                           | -0.04                      |
| Two guardians                              | 187                                    | 76                                           | 1.82                 | 1.54         | 2.84            | -0.28 <sup>1</sup>          | -15.31                     | -1.30 <sup>1</sup>             | -45.76                     | 1.82                                | 1.82                              | #                           | -0.04                      |
| Mother only                                | 2,119                                  | 679                                          | 18.36                | 17.75        | 20.59           | -0.61 <sup>1</sup>          | -3.32                      | -2.84 <sup>1</sup>             | -13.80                     | 18.36                               | 18.37                             | -0.01                       | -0.04                      |
| Father only                                | 348                                    | 116                                          | 3.21                 | 3.03         | 3.87            | -0.18                       | -5.60                      | -0.84                          | -21.68                     | 3.21                                | 3.21                              | #                           | -0.04                      |
| Female guardian only                       | 148                                    | 61                                           | 1.37                 | 1.20         | 2.00            | -0.17 <sup>1</sup>          | -12.65                     | -0.81 <sup>1</sup>             | -40.32                     | 1.37                                | 1.34                              | 0.02                        | 1.82                       |
| Male guardian only                         | 35                                     | 17                                           | 0.27                 | 0.25         | 0.34            | -0.02                       | -7.04                      | -0.09                          | -26.12                     | 0.27                                | 0.29                              | -0.03                       | -9.53                      |
| Lives with student less than half the year | 131                                    | 31                                           | 1.06                 | 1.10         | 0.89            | 0.04                        | 4.21                       | 0.21                           | 23.24                      | 1.06                                | 1.06                              | #                           | -0.04                      |
| Parent's highest level of education        |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Did not finish high school                 | 712                                    | 264                                          | 6.50                 | 5.81         | 9.02            | -0.69 <sup>1</sup>          | -10.60                     | -3.21 <sup>1</sup>             | -35.63                     | 6.50                                | 6.50                              | #                           | -0.04                      |
| Graduated from high school or GED          | 2,309                                  | 841                                          | 21.42                | 19.88        | 27.08           | -1.54 <sup>1</sup>          | -7.21                      | -7.20 <sup>1</sup>             | -26.60                     | 21.42                               | 21.42                             | #                           | 0.02                       |
| Attended 2-year school, no degree          | 1,311                                  | 371                                          | 11.48                | 11.23        | 12.40           | -0.25                       | -2.19                      | -1.17                          | -9.44                      | 11.48                               | 11.48                             | #                           | -0.04                      |
| Graduated from 2-year school               | 1,287                                  | 330                                          | 11.15                | 11.11        | 11.28           | -0.04                       | -0.32                      | -0.17                          | -1.49                      | 11.15                               | 11.15                             | #                           | -0.04                      |
| Attended college, no 4-year degree         | 1,383                                  | 380                                          | 11.36                | 11.14        | 12.20           | -0.23                       | -2.00                      | -1.06                          | -8.67                      | 11.36                               | 11.36                             | 0.01                        | 0.07                       |
| Graduated from college                     | 2,898                                  | 654                                          | 21.82                | 22.76        | 18.37           | 0.94 <sup>1</sup>           | 4.31                       | 4.39 <sup>v</sup>              | 23.90                      | 21.82                               | 21.83                             | -0.01                       | -0.04                      |
| Completed Master's degree or equivalent    | 1,615                                  | 256                                          | 11.09                | 12.37        | 6.37            | 1.29 <sup>1</sup>           | 11.60                      | 6.00 <sup>1</sup>              | 94.13                      | 11.09                               | 11.08                             | 0.01                        | 0.07                       |
| Completed PhD, MD, other advanced degree   | 929                                    | 150                                          | 5.18                 | 5.70         | 3.28            | 0.52 <sup>1</sup>           | 10.02                      | 2.42 <sup>1</sup>              | 73.84                      | 5.18                                | 5.19                              | #                           | -0.04                      |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,757                                  | 989                                          | 25.08                | 23.06         | 32.47            | -2.02 <sup>1</sup>          | -8.04                      | -9.41 <sup>1</sup>             | -28.97                              | 25.08                      | 25.09                             | -0.01                       | -0.04                      |
| Second SES quarter                 | 2,880                                  | 852                                          | 25.48                | 25.00         | 27.25            | -0.48 <sup>1</sup>          | -1.89                      | -2.25 <sup>1</sup>             | -8.26                               | 25.48                      | 25.49                             | -0.01                       | -0.04                      |
| Third SES quarter                  | 3,025                                  | 798                                          | 24.78                | 24.84         | 24.57            | 0.06                        | 0.23                       | 0.27                           | 1.09                                | 24.78                      | 24.75                             | 0.03                        | 0.12                       |
| Highest SES quarter                | 3,782                                  | 607                                          | 24.66                | 27.10         | 15.71            | 2.44 <sup>1</sup>           | 9.90                       | 11.39 <sup>1</sup>             | 72.51                               | 24.66                      | 24.67                             | -0.01                       | -0.04                      |
| Student sex                        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 5,890                                  | 1,829                                        | 49.53                | 47.58         | 56.64            | -1.94 <sup>1</sup>          | -3.92                      | -9.06 <sup>1</sup>             | -16.00                              | 49.53                      | 49.52                             | 0.01                        | 0.01                       |
| Female                             | 6,554                                  | 1,417                                        | 50.47                | 52.42         | 43.36            | 1.94 <sup>1</sup>           | 3.85                       | 9.06 <sup>1</sup>              | 20.90                               | 50.47                      | 50.48                             | -0.01                       | -0.01                      |
| Free or reduced-price lunch        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,342                                  | 406                                          | 7.94                 | 8.52          | 5.79             | 0.59 <sup>1</sup>           | 7.38                       | 2.73 <sup>1</sup>              | 47.16                               | 7.94                       | 7.94                              | #                           | -0.04                      |
| 1–10                               | 2,874                                  | 672                                          | 24.82                | 25.50         | 22.30            | 0.69 <sup>1</sup>           | 2.77                       | 3.20 <sup>1</sup>              | 14.36                               | 24.82                      | 24.79                             | 0.03                        | 0.12                       |
| 11–30                              | 3,715                                  | 1,020                                        | 36.13                | 36.28         | 35.57            | 0.15                        | 0.42                       | 0.71                           | 2.01                                | 36.13                      | 36.14                             | -0.01                       | -0.04                      |
| Greater than 30                    | 3,513                                  | 1,148                                        | 31.12                | 29.70         | 36.34            | -1.42 <sup>1</sup>          | -4.58                      | -6.65 <sup>1</sup>             | -18.29                              | 31.12                      | 31.13                             | -0.01                       | -0.04                      |
| Number of full-time teachers       |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 3,271                                  | 775                                          | 18.00                | 18.17         | 17.36            | 0.17                        | 0.97                       | 0.81                           | 4.67                                | 18.00                      | 18.01                             | -0.01                       | -0.04                      |
| 41–70                              | 3,177                                  | 782                                          | 23.21                | 23.38         | 22.58            | 0.17                        | 0.74                       | 0.80                           | 3.55                                | 23.21                      | 23.22                             | -0.01                       | -0.04                      |
| 71–100                             | 3,163                                  | 882                                          | 30.46                | 30.50         | 30.29            | 0.05                        | 0.15                       | 0.21                           | 0.70                                | 30.46                      | 30.43                             | 0.03                        | 0.09                       |
| 101+                               | 2,833                                  | 807                                          | 28.33                | 27.94         | 29.77            | -0.39                       | -1.38                      | -1.82                          | -6.12                               | 28.33                      | 28.35                             | -0.01                       | -0.04                      |
| Number of grades within the school |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 9,472                                  | 2,520                                        | 79.78                | 79.48         | 80.87            | -0.30                       | -0.37                      | -1.39                          | -1.72                               | 79.78                      | 79.77                             | 0.01                        | 0.01                       |
| Less than or greater than 4        | 2,972                                  | 726                                          | 20.22                | 20.52         | 19.13            | 0.30                        | 1.47                       | 1.39                           | 7.26                                | 20.22                      | 20.23                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 851                                    | 164                                          | 4.91                 | 5.05         | 4.39            | 0.14                        | 2.89                       | 0.66                           | 15.06                               | 4.91                       | 4.91                              | #                           | -0.04                      |
| Middle grades but no elementary                                  | 1,292                                  | 341                                          | 7.50                 | 7.55         | 7.31            | 0.05                        | 0.70                       | 0.25                           | 3.36                                | 7.50                       | 7.50                              | #                           | -0.04                      |
| Only high school                                                 | 10,301                                 | 2,741                                        | 87.60                | 87.40        | 88.31           | -0.19                       | -0.22                      | -0.91                          | -1.03                               | 87.60                      | 87.59                             | #                           | 0.01                       |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 4,914                                  | 1,141                                        | 37.74                | 38.92        | 33.41           | 1.18 <sup>1</sup>           | 3.13                       | 5.50 <sup>1</sup>              | 16.47                               | 37.74                      | 37.71                             | 0.02                        | 0.06                       |
| Greater than 3 percent                                           | 7,530                                  | 2,105                                        | 62.26                | 61.08        | 66.59           | -1.18 <sup>1</sup>          | -1.89                      | -5.50 <sup>1</sup>             | -8.27                               | 62.26                      | 62.29                             | -0.02                       | -0.04                      |
| IEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 5,009                                  | 1,045                                        | 26.09                | 26.84        | 23.34           | 0.75 <sup>1</sup>           | 2.87                       | 3.50 <sup>1</sup>              | 14.99                               | 26.09                      | 26.10                             | -0.01                       | -0.04                      |
| 6–10 percent                                                     | 3,134                                  | 907                                          | 33.04                | 32.89        | 33.55           | -0.14                       | -0.43                      | -0.66                          | -1.96                               | 33.04                      | 33.01                             | 0.03                        | 0.08                       |
| 11–15 percent                                                    | 2,720                                  | 785                                          | 26.84                | 26.50        | 28.08           | -0.34                       | -1.26                      | -1.58                          | -5.61                               | 26.84                      | 26.85                             | -0.01                       | -0.04                      |
| Greater than 15 percent                                          | 1,581                                  | 509                                          | 14.03                | 13.76        | 15.03           | -0.27                       | -1.93                      | -1.27                          | -8.43                               | 14.03                      | 14.04                             | -0.01                       | -0.04                      |
| LEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0 percent                                                        | 5,524                                  | 1,211                                        | 33.84                | 34.73        | 30.58           | 0.89 <sup>1</sup>           | 2.62                       | 4.14 <sup>1</sup>              | 13.55                               | 33.84                      | 33.85                             | -0.01                       | -0.04                      |
| 1 percent                                                        | 2,474                                  | 644                                          | 23.24                | 23.55        | 22.11           | 0.31                        | 1.33                       | 1.44                           | 6.50                                | 23.24                      | 23.21                             | 0.03                        | 0.13                       |
| 2–5 percent                                                      | 2,038                                  | 599                                          | 18.74                | 18.46        | 19.81           | -0.29                       | -1.54                      | -1.35                          | -6.82                               | 18.74                      | 18.75                             | -0.01                       | -0.04                      |
| Greater than 5 percent                                           | 2,408                                  | 792                                          | 24.18                | 23.27        | 27.50           | -0.91 <sup>1</sup>          | -3.75                      | -4.23 <sup>1</sup>             | -15.38                              | 24.18                      | 24.19                             | -0.01                       | -0.04                      |

See notes at end of table.

**Table H-5a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                               |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 6,026                                  | 1,798                                        | 51.27                | 50.22        | 55.09           | -1.04 <sup>1</sup>          | -2.04                      | -4.87 <sup>1</sup>             | -8.84                               | 51.27                      | 51.28                             | -0.02                       | -0.04                      |
| Greater than 80 percent                       | 6,418                                  | 1,448                                        | 48.73                | 49.78        | 44.91           | 1.04 <sup>1</sup>           | 2.14                       | 4.87 <sup>1</sup>              | 10.85                               | 48.73                      | 48.72                             | 0.02                        | 0.04                       |
| Number of part-time teachers                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 3,474                                  | 1,082                                        | 31.11                | 29.90        | 35.57           | -1.22 <sup>1</sup>          | -3.91                      | -5.68 <sup>1</sup>             | -15.95                              | 31.11                      | 31.13                             | -0.01                       | -0.04                      |
| 2–3                                           | 3,606                                  | 917                                          | 28.90                | 29.06        | 28.31           | 0.16                        | 0.55                       | 0.75                           | 2.64                                | 28.90                      | 28.91                             | -0.01                       | -0.04                      |
| 4–6                                           | 3,051                                  | 755                                          | 21.62                | 21.82        | 20.87           | 0.20                        | 0.94                       | 0.95                           | 4.53                                | 21.62                      | 21.62                             | -0.01                       | -0.04                      |
| 7+                                            | 2,313                                  | 492                                          | 18.37                | 19.22        | 15.24           | 0.85 <sup>1</sup>           | 4.65                       | 3.98 <sup>1</sup>              | 26.12                               | 18.37                      | 18.34                             | 0.03                        | 0.17                       |
| Full-time teachers certified                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 3,262                                  | 711                                          | 15.90                | 16.38        | 14.11           | 0.49 <sup>1</sup>           | 3.06                       | 2.27 <sup>1</sup>              | 16.09                               | 15.90                      | 15.90                             | -0.01                       | -0.04                      |
| 91–99 percent                                 | 2,176                                  | 618                                          | 20.36                | 20.07        | 21.39           | -0.28                       | -1.39                      | -1.32                          | -6.16                               | 20.36                      | 20.36                             | -0.01                       | -0.04                      |
| 100 percent                                   | 7,006                                  | 1,917                                        | 63.75                | 63.54        | 64.50           | -0.20                       | -0.32                      | -0.95                          | -1.48                               | 63.75                      | 63.73                             | 0.01                        | 0.02                       |
| Student race/ethnicity                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,755                                  | 572                                          | 16.10                | 15.08        | 19.81           | -1.01 <sup>1</sup>          | -6.29                      | -4.72 <sup>1</sup>             | -23.85                              | 16.10                      | 16.10                             | -0.01                       | -0.04                      |
| Asian                                         | 1,249                                  | 321                                          | 4.23                 | 4.32         | 3.89            | 0.09                        | 2.16                       | 0.43                           | 10.97                               | 4.23                       | 4.23                              | #                           | -0.04                      |
| Black or African American                     | 1,582                                  | 513                                          | 14.20                | 13.59        | 16.42           | -0.61 <sup>1</sup>          | -4.28                      | -2.84 <sup>1</sup>             | -17.26                              | 14.20                      | 14.19                             | 0.01                        | 0.05                       |
| All other races                               | 7,858                                  | 1,840                                        | 65.48                | 67.01        | 59.88           | 1.53 <sup>1</sup>           | 2.33                       | 7.13 <sup>1</sup>              | 11.91                               | 65.48                      | 65.48                             | #                           | #                          |
| Number of days in school year                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,273                                  | 801                                          | 24.46                | 24.36        | 24.79           | -0.09                       | -0.38                      | -0.43                          | -1.74                               | 24.46                      | 24.46                             | -0.01                       | -0.04                      |
| 180 days                                      | 6,892                                  | 1,816                                        | 56.95                | 57.16        | 56.21           | 0.20                        | 0.36                       | 0.95                           | 1.70                                | 56.95                      | 56.98                             | -0.02                       | -0.04                      |
| More than 180 days                            | 2,279                                  | 629                                          | 18.59                | 18.48        | 19.00           | -0.11                       | -0.60                      | -0.52                          | -2.75                               | 18.59                      | 18.56                             | 0.03                        | 0.17                       |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                    | Means                               |                                                                | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                        | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Father's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 0.74                                    | 0.74                                | 0.72                                                           | 0.02                   | 0.02                   |
| Clerical               | 2.47                                    | 2.47                                | 2.43                                                           | 0.04                   | 0.04                   |
| Craftsperson           | 13.99                                   | 13.98                               | 13.94                                                          | 0.05                   | 0.04                   |
| Farmer, farm manager   | 2.27                                    | 2.27                                | 2.25                                                           | 0.02                   | 0.02                   |
| Homemaker              | 2.68                                    | 2.67                                | 2.66                                                           | 0.02                   | 0.01                   |
| Laborer                | 10.63                                   | 10.63                               | 10.63                                                          | #                      | #                      |
| Manager, administrator | 14.85                                   | 14.84                               | 14.83                                                          | 0.02                   | 0.01                   |
| Military               | 1.34                                    | 1.33                                | 1.33                                                           | 0.01                   | #                      |
| Operative              | 12.26                                   | 12.28                               | 12.24                                                          | 0.02                   | 0.04                   |
| Professional A         | 9.86                                    | 9.87                                | 9.92                                                           | -0.06 <sup>1</sup>     | -0.05                  |
| Professional B         | 4.60                                    | 4.60                                | 4.66                                                           | -0.06 <sup>1</sup>     | -0.06                  |
| Proprietor, owner      | 5.57                                    | 5.56                                | 5.58                                                           | -0.01                  | -0.02                  |
| Protective service     | 3.48                                    | 3.48                                | 3.47                                                           | 0.01                   | 0.01                   |
| Sales                  | 5.29                                    | 5.28                                | 5.30                                                           | -0.01                  | -0.02                  |
| School teacher         | 1.29                                    | 1.29                                | 1.32                                                           | -0.03 <sup>1</sup>     | -0.03                  |
| Service                | 3.88                                    | 3.87                                | 3.89                                                           | -0.01                  | -0.02                  |
| Technical              | 4.81                                    | 4.81                                | 4.82                                                           | -0.01                  | -0.01                  |
| Mother's occupation    |                                         |                                     |                                                                |                        |                        |
| No job for pay         | 3.18                                    | 3.18                                | 3.15                                                           | 0.03                   | 0.03                   |
| Clerical               | 16.75                                   | 16.74                               | 16.73                                                          | 0.02                   | 0.01                   |
| Craftsperson           | 2.40                                    | 2.40                                | 2.38                                                           | 0.02                   | 0.02                   |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Mother's occupation—Continued            |                                                |                                      |                                                                       |                        |                        |
| Farmer, farm manager                     | 0.51                                           | 0.59                                 | 0.52                                                                  | -0.01                  | 0.07                   |
| Homemaker                                | 6.23                                           | 6.22                                 | 6.08                                                                  | 0.15 <sup>1</sup>      | 0.14                   |
| Laborer                                  | 4.70                                           | 4.62                                 | 4.68                                                                  | 0.02                   | -0.06                  |
| Manager, administrator                   | 10.46                                          | 10.46                                | 10.50                                                                 | -0.04                  | -0.04                  |
| Military                                 | 0.14                                           | 0.14                                 | 0.14                                                                  | #                      | #                      |
| Operative                                | 4.33                                           | 4.34                                 | 4.33                                                                  | #                      | 0.01                   |
| Professional A                           | 13.36                                          | 13.36                                | 13.51                                                                 | -0.15 <sup>1</sup>     | -0.15                  |
| Professional B                           | 3.41                                           | 3.42                                 | 3.47                                                                  | -0.06 <sup>1</sup>     | -0.05                  |
| Proprietor, owner                        | 2.26                                           | 2.26                                 | 2.26                                                                  | #                      | #                      |
| Protective service                       | 0.66                                           | 0.66                                 | 0.68                                                                  | -0.02 <sup>1</sup>     | -0.02                  |
| Sales                                    | 4.39                                           | 4.39                                 | 4.37                                                                  | 0.02                   | 0.02                   |
| School teacher                           | 6.31                                           | 6.31                                 | 6.36                                                                  | -0.05                  | -0.05                  |
| Service                                  | 15.99                                          | 15.99                                | 15.94                                                                 | 0.05                   | 0.05                   |
| Technical                                | 4.91                                           | 4.91                                 | 4.92                                                                  | -0.01                  | -0.01                  |
| English is the student's native language |                                                |                                      |                                                                       |                        |                        |
| No                                       | 14.04                                          | 14.05                                | 14.05                                                                 | -0.01                  | #                      |
| Yes                                      | 85.96                                          | 85.95                                | 85.95                                                                 | 0.01                   | #                      |
| Senior cohort member                     |                                                |                                      |                                                                       |                        |                        |
| No                                       | 1.22                                           | 1.22                                 | 1.16                                                                  | 0.06                   | 0.06                   |
| Yes                                      | 98.78                                          | 98.78                                | 98.84                                                                 | -0.06                  | -0.06                  |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Senior cohort member                                    |                                                |                                      |                                                                       |                        |                        |
| No                                                      | 15.31                                          | 14.82                                | 13.48                                                                 | 1.83 <sup>1</sup>      | 1.34 <sup>1</sup>      |
| Yes                                                     | 84.69                                          | 85.18                                | 86.52                                                                 | -1.83 <sup>1</sup>     | -1.34 <sup>1</sup>     |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.68                                          | 38.67                                | 38.71                                                                 | -0.03                  | -0.04                  |
| Greater than 2 percent                                  | 61.32                                          | 61.33                                | 61.29                                                                 | 0.03                   | 0.04                   |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.47                                          | 34.46                                | 34.60                                                                 | -0.13                  | -0.14                  |
| Greater than 4 percent                                  | 65.53                                          | 65.54                                | 65.40                                                                 | 0.13                   | 0.14                   |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.50                                           | 1.50                                 | 1.49                                                                  | 0.01                   | 0.01                   |
| \$1,001–\$5,000                                         | 1.86                                           | 1.86                                 | 1.83                                                                  | 0.03                   | 0.03                   |
| \$5,001–\$10,000                                        | 2.26                                           | 2.26                                 | 2.24                                                                  | 0.02                   | 0.02                   |
| \$10,001–\$15,000                                       | 4.34                                           | 4.33                                 | 4.27                                                                  | 0.07 <sup>1</sup>      | 0.06                   |
| \$15,001–\$20,000                                       | 4.85                                           | 4.85                                 | 4.75                                                                  | 0.10                   | 0.10                   |
| \$20,001–\$25,000                                       | 6.48                                           | 6.48                                 | 6.47                                                                  | 0.01                   | 0.01                   |
| \$25,001–\$35,000                                       | 12.22                                          | 12.22                                | 12.20                                                                 | 0.02                   | 0.02                   |
| \$35,001–\$50,000                                       | 19.52                                          | 19.51                                | 19.49                                                                 | 0.03                   | 0.02                   |
| \$50,001–\$75,000                                       | 21.08                                          | 21.08                                | 21.19                                                                 | -0.11 <sup>1</sup>     | -0.11                  |
| \$75,001–\$100,000                                      | 13.30                                          | 13.32                                | 13.34                                                                 | -0.04                  | -0.02                  |
| \$100,001–\$200,000                                     | 9.95                                           | 9.96                                 | 10.07                                                                 | -0.12 <sup>1</sup>     | -0.11                  |
| \$200,001 or more                                       | 2.63                                           | 2.63                                 | 2.68                                                                  | -0.05 <sup>1</sup>     | -0.05                  |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|--------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Census region            |                                                |                                      |                                                                       |                        |                        |
| Northeast                | 18.05                                          | 18.08                                | 18.61                                                                 | -0.56 <sup>1</sup>     | -0.53                  |
| Midwest                  | 24.23                                          | 24.22                                | 24.31                                                                 | -0.08                  | -0.09                  |
| South                    | 34.64                                          | 34.63                                | 34.43                                                                 | 0.21 <sup>1</sup>      | 0.20                   |
| West                     | 23.07                                          | 23.06                                | 22.65                                                                 | 0.42 <sup>1</sup>      | 0.41                   |
| School sector            |                                                |                                      |                                                                       |                        |                        |
| Public                   | 92.45                                          | 92.46                                | 92.32                                                                 | 0.13 <sup>1</sup>      | 0.14                   |
| Catholic                 | 4.20                                           | 4.20                                 | 4.26                                                                  | -0.06 <sup>1</sup>     | -0.06                  |
| Other private            | 3.35                                           | 3.34                                 | 3.42                                                                  | -0.07                  | -0.08                  |
| School urbanicity        |                                                |                                      |                                                                       |                        |                        |
| Urban                    | 30.18                                          | 30.16                                | 29.90                                                                 | 0.28 <sup>1</sup>      | 0.26                   |
| Suburban                 | 50.09                                          | 50.10                                | 50.30                                                                 | -0.21 <sup>1</sup>     | -0.20                  |
| Rural                    | 19.74                                          | 19.73                                | 19.80                                                                 | -0.06                  | -0.07                  |
| Minutes per class period |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 45 | 18.56                                          | 18.59                                | 19.01                                                                 | -0.45 <sup>1</sup>     | -0.42                  |
| 46–50                    | 21.79                                          | 21.78                                | 21.73                                                                 | 0.06                   | 0.05                   |
| 51–80                    | 28.93                                          | 28.92                                | 28.74                                                                 | 0.19 <sup>1</sup>      | 0.18                   |
| 81+                      | 30.72                                          | 30.71                                | 30.52                                                                 | 0.20 <sup>1</sup>      | 0.19                   |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                    | Means                               |                                                                | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                              | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Class periods per day        |                                         |                                     |                                                                |                        |                        |
| 1–4                          | 31.70                                   | 31.68                               | 31.51                                                          | 0.19 <sup>1</sup>      | 0.17                   |
| 5–6                          | 26.64                                   | 26.63                               | 26.38                                                          | 0.26 <sup>1</sup>      | 0.25                   |
| 7                            | 24.79                                   | 24.78                               | 24.95                                                          | -0.16 <sup>1</sup>     | -0.17                  |
| 8–9                          | 16.87                                   | 16.90                               | 17.15                                                          | -0.28 <sup>1</sup>     | -0.25                  |
| Is the school coeducational? |                                         |                                     |                                                                |                        |                        |
| Yes                          | 98.04                                   | 98.04                               | 97.99                                                          | 0.05 <sup>1</sup>      | 0.05                   |
| No, all-female school        | 0.95                                    | 0.95                                | 0.97                                                           | -0.02 <sup>1</sup>     | -0.02                  |
| No, all-male school          | 1.01                                    | 1.01                                | 1.04                                                           | -0.03 <sup>1</sup>     | -0.03                  |
| 10th-grade enrollment        |                                         |                                     |                                                                |                        |                        |
| 0–99                         | 12.45                                   | 12.45                               | 12.51                                                          | -0.06                  | -0.06                  |
| 100–249                      | 22.14                                   | 22.13                               | 22.35                                                          | -0.21 <sup>1</sup>     | -0.22                  |
| 250–499                      | 36.16                                   | 36.18                               | 36.10                                                          | 0.06                   | 0.08                   |
| 500+                         | 29.25                                   | 29.24                               | 29.04                                                          | 0.21 <sup>1</sup>      | 0.20                   |
| Total enrollment             |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 600    | 17.52                                   | 17.51                               | 17.57                                                          | -0.05                  | -0.06                  |
| 601–1,200                    | 27.28                                   | 27.27                               | 27.51                                                          | -0.23 <sup>1</sup>     | -0.24                  |
| 1,201–1,800                  | 26.17                                   | 26.19                               | 26.14                                                          | 0.03                   | 0.05                   |
| Greater than 1,800           | 29.03                                   | 29.02                               | 28.78                                                          | 0.25 <sup>1</sup>      | 0.24                   |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                            | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Family composition                         |                                         |                                     |                                                                |                        |                        |
| Mother and father                          | 57.59                                   | 57.61                               | 57.88                                                          | -0.29 <sup>1</sup>     | -0.27                  |
| Mother and male guardian                   | 13.16                                   | 13.16                               | 13.04                                                          | 0.12 <sup>1</sup>      | 0.12                   |
| Father and female guardian                 | 3.15                                    | 3.15                                | 3.13                                                           | 0.02                   | 0.02                   |
| Two guardians                              | 1.82                                    | 1.82                                | 1.77                                                           | 0.05 <sup>1</sup>      | 0.05                   |
| Mother only                                | 18.37                                   | 18.36                               | 18.37                                                          | #                      | -0.01                  |
| Father only                                | 3.21                                    | 3.21                                | 3.16                                                           | 0.05                   | 0.05                   |
| Female guardian only                       | 1.34                                    | 1.37                                | 1.33                                                           | 0.01                   | 0.04                   |
| Male guardian only                         | 0.29                                    | 0.27                                | 0.29                                                           | #                      | -0.02                  |
| Lives with student less than half the year | 1.06                                    | 1.06                                | 1.04                                                           | 0.02                   | 0.02                   |
| Parent's highest level of education        |                                         |                                     |                                                                |                        |                        |
| Did not finish high school                 | 6.50                                    | 6.50                                | 6.40                                                           | 0.10 <sup>1</sup>      | 0.10                   |
| Graduated from high school or GED          | 21.42                                   | 21.42                               | 21.16                                                          | 0.26 <sup>1</sup>      | 0.26                   |
| Attended 2-year school, no degree          | 11.48                                   | 11.48                               | 11.48                                                          | #                      | #                      |
| Graduated from 2-year school               | 11.15                                   | 11.15                               | 11.18                                                          | -0.03                  | -0.03                  |
| Attended college, no 4-year degree         | 11.36                                   | 11.36                               | 11.43                                                          | -0.07 <sup>1</sup>     | -0.07                  |
| Graduated from college                     | 21.83                                   | 21.82                               | 21.93                                                          | -0.10 <sup>1</sup>     | -0.11                  |
| Completed Master's degree or equivalent    | 11.08                                   | 11.09                               | 11.14                                                          | -0.06                  | -0.05                  |
| Completed PhD, MD, other advanced degree   | 5.19                                    | 5.18                                | 5.28                                                           | -0.09 <sup>1</sup>     | -0.10                  |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                    | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Socioeconomic quarter              |                                         |                                     |                                                                |                        |                        |
| Lowest SES quarter                 | 25.09                                   | 25.08                               | 24.82                                                          | 0.27 <sup>1</sup>      | 0.26                   |
| Second SES quarter                 | 25.49                                   | 25.48                               | 25.40                                                          | 0.09                   | 0.08                   |
| Third SES quarter                  | 24.75                                   | 24.78                               | 24.86                                                          | -0.11 <sup>1</sup>     | -0.08                  |
| Highest SES quarter                | 24.67                                   | 24.66                               | 24.91                                                          | -0.24 <sup>1</sup>     | -0.25                  |
| Student sex                        |                                         |                                     |                                                                |                        |                        |
| Male                               | 49.52                                   | 49.53                               | 49.15                                                          | 0.37 <sup>1</sup>      | 0.38                   |
| Female                             | 50.48                                   | 50.47                               | 50.85                                                          | -0.37 <sup>1</sup>     | -0.38                  |
| Free or reduced-price lunch        |                                         |                                     |                                                                |                        |                        |
| 0                                  | 7.94                                    | 7.94                                | 8.05                                                           | -0.11 <sup>1</sup>     | -0.11                  |
| 1–10                               | 24.79                                   | 24.82                               | 25.00                                                          | -0.21 <sup>1</sup>     | -0.18                  |
| 11–30                              | 36.14                                   | 36.13                               | 36.02                                                          | 0.12                   | 0.11                   |
| Greater than 30                    | 31.13                                   | 31.12                               | 30.94                                                          | 0.19 <sup>1</sup>      | 0.18                   |
| Number of full-time teachers       |                                         |                                     |                                                                |                        |                        |
| 1–40                               | 18.01                                   | 18.00                               | 18.10                                                          | -0.09                  | -0.10                  |
| 41–70                              | 23.22                                   | 23.21                               | 23.39                                                          | -0.17 <sup>1</sup>     | -0.18                  |
| 71–100                             | 30.43                                   | 30.46                               | 30.21                                                          | 0.22 <sup>1</sup>      | 0.25                   |
| 101+                               | 28.35                                   | 28.33                               | 28.30                                                          | 0.05                   | 0.03                   |
| Number of grades within the school |                                         |                                     |                                                                |                        |                        |
| 4                                  | 79.77                                   | 79.78                               | 79.71                                                          | 0.06                   | 0.07                   |
| Less than or greater than 4        | 20.23                                   | 20.22                               | 20.29                                                          | -0.06                  | -0.07                  |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Types of grades within the school                                   |                                                |                                      |                                                                       |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.91                                           | 4.91                                 | 4.88                                                                  | 0.03                   | 0.03                   |
| Middle grades but no elementary                                     | 7.50                                           | 7.50                                 | 7.59                                                                  | -0.09 <sup>1</sup>     | -0.09                  |
| Only high school                                                    | 87.59                                          | 87.60                                | 87.53                                                                 | 0.06                   | 0.07                   |
| Hispanic or Latino 10th-grade enrollment percent                    |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 3 percent                                     | 37.71                                          | 37.74                                | 37.85                                                                 | -0.14 <sup>1</sup>     | -0.11                  |
| Greater than 3 percent                                              | 62.29                                          | 62.26                                | 62.15                                                                 | 0.14 <sup>1</sup>      | 0.11                   |
| IEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 5 percent                                     | 26.10                                          | 26.09                                | 26.31                                                                 | -0.21 <sup>1</sup>     | -0.22                  |
| 6–10 percent                                                        | 33.01                                          | 33.04                                | 32.93                                                                 | 0.08                   | 0.11                   |
| 11–15 percent                                                       | 26.85                                          | 26.84                                | 26.76                                                                 | 0.09                   | 0.08                   |
| Greater than 15 percent                                             | 14.04                                          | 14.03                                | 13.99                                                                 | 0.05                   | 0.04                   |
| LEP percentage                                                      |                                                |                                      |                                                                       |                        |                        |
| 0 percent                                                           | 33.85                                          | 33.84                                | 34.06                                                                 | -0.21 <sup>1</sup>     | -0.22                  |
| 1 percent                                                           | 23.21                                          | 23.24                                | 23.27                                                                 | -0.06                  | -0.03                  |
| 2–5 percent                                                         | 18.75                                          | 18.74                                | 18.76                                                                 | -0.01                  | -0.02                  |
| Greater than 5 percent                                              | 24.19                                          | 24.18                                | 23.90                                                                 | 0.29 <sup>1</sup>      | 0.28                   |
| All other races 10th-grade enrollment percent                       |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 80 percent                                    | 51.28                                          | 51.27                                | 51.02                                                                 | 0.26 <sup>1</sup>      | 0.25                   |
| Greater than 80 percent                                             | 48.72                                          | 48.73                                | 48.98                                                                 | -0.26 <sup>1</sup>     | -0.25                  |

See notes at end of table.

**Table H-5b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 panel weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|-------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                               |                                                |                                      |                                                                       |                        |                        |
| Number of part-time teachers  |                                                |                                      |                                                                       |                        |                        |
| 0–1                           | 31.13                                          | 31.11                                | 31.08                                                                 | 0.05                   | 0.03                   |
| 2–3                           | 28.91                                          | 28.90                                | 28.81                                                                 | 0.10                   | 0.09                   |
| 4–6                           | 21.62                                          | 21.62                                | 21.66                                                                 | -0.04                  | -0.04                  |
| 7+                            | 18.34                                          | 18.37                                | 18.46                                                                 | -0.12 <sup>1</sup>     | -0.09                  |
| Full-time teachers certified  |                                                |                                      |                                                                       |                        |                        |
| 0–90 percent                  | 15.90                                          | 15.90                                | 15.98                                                                 | -0.08                  | -0.08                  |
| 91–99 percent                 | 20.36                                          | 20.36                                | 20.24                                                                 | 0.12                   | 0.12                   |
| 100 percent                   | 63.73                                          | 63.75                                | 63.78                                                                 | -0.05                  | -0.03                  |
| Student race/ethnicity        |                                                |                                      |                                                                       |                        |                        |
| Hispanic or Latino            | 16.10                                          | 16.10                                | 16.29                                                                 | -0.19 <sup>1</sup>     | -0.19                  |
| Asian                         | 4.23                                           | 4.23                                 | 4.20                                                                  | 0.03                   | 0.03                   |
| Black or African American     | 14.19                                          | 14.20                                | 14.29                                                                 | -0.10 <sup>1</sup>     | -0.09                  |
| All other races               | 65.48                                          | 65.48                                | 65.22                                                                 | 0.26 <sup>1</sup>      | 0.26                   |
| Number of days in school year |                                                |                                      |                                                                       |                        |                        |
| Less than 180 days            | 24.46                                          | 24.46                                | 24.50                                                                 | -0.04                  | -0.04                  |
| 180 days                      | 56.98                                          | 56.95                                | 56.87                                                                 | 0.11                   | 0.08                   |
| More than 180 days            | 18.56                                          | 18.59                                | 18.64                                                                 | -0.08                  | -0.05                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012**

| Variable               | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                        | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                        |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                        |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Father's occupation    |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| No job for pay         | 107                                    | 15                                           | 0.72                 | 0.66         | 1.26            | -0.06                       | -8.48                      | -0.59                          | -47.34                     | 0.72                                | 0.72                              | #                           | 0.03                       |
| Clerical               | 251                                    | 34                                           | 2.43                 | 2.34         | 3.24            | -0.09                       | -3.82                      | -0.90                          | -27.80                     | 2.43                                | 2.43                              | #                           | 0.03                       |
| Craftsperson           | 1,419                                  | 152                                          | 13.94                | 13.90        | 14.33           | -0.04                       | -0.32                      | -0.43                          | -2.99                      | 13.94                               | 13.94                             | #                           | 0.03                       |
| Farmer, farm manager   | 219                                    | 17                                           | 2.25                 | 2.35         | 1.41            | 0.10                        | 4.32                       | 0.95                           | 67.21                      | 2.25                                | 2.25                              | #                           | 0.03                       |
| Homemaker              | 243                                    | 29                                           | 2.66                 | 2.61         | 3.08            | -0.05                       | -1.81                      | -0.47                          | -15.15                     | 2.66                                | 2.66                              | #                           | 0.03                       |
| Laborer                | 1,120                                  | 120                                          | 10.63                | 10.53        | 11.42           | -0.09                       | -0.86                      | -0.89                          | -7.75                      | 10.63                               | 10.62                             | #                           | 0.03                       |
| Manager, administrator | 1,722                                  | 163                                          | 14.83                | 14.89        | 14.36           | 0.05                        | 0.37                       | 0.53                           | 3.66                       | 14.83                               | 14.83                             | #                           | 0.03                       |
| Military               | 146                                    | 14                                           | 1.33                 | 1.33         | 1.30            | #                           | 0.22                       | 0.03                           | 2.13                       | 1.33                                | 1.33                              | #                           | 0.03                       |
| Operative              | 1,247                                  | 133                                          | 12.24                | 12.21        | 12.54           | -0.03                       | -0.28                      | -0.34                          | -2.68                      | 12.24                               | 12.27                             | -0.02                       | -0.19                      |
| Professional A         | 1,284                                  | 116                                          | 9.92                 | 10.17        | 7.75            | 0.25 <sup>1</sup>           | 2.52                       | 2.42 <sup>1</sup>              | 31.29                      | 9.92                                | 9.92                              | #                           | 0.04                       |
| Professional B         | 724                                    | 82                                           | 4.66                 | 4.75         | 3.83            | 0.10                        | 2.05                       | 0.92                           | 24.13                      | 4.66                                | 4.66                              | #                           | 0.03                       |
| Proprietor, owner      | 678                                    | 70                                           | 5.58                 | 5.51         | 6.20            | -0.07                       | -1.27                      | -0.69                          | -11.10                     | 5.58                                | 5.58                              | #                           | 0.03                       |
| Protective service     | 384                                    | 29                                           | 3.47                 | 3.48         | 3.39            | 0.01                        | 0.29                       | 0.10                           | 2.86                       | 3.47                                | 3.47                              | #                           | 0.03                       |
| Sales                  | 579                                    | 64                                           | 5.30                 | 5.30         | 5.26            | #                           | 0.08                       | 0.04                           | 0.79                       | 5.30                                | 5.30                              | #                           | 0.03                       |
| School teacher         | 176                                    | 15                                           | 1.32                 | 1.33         | 1.17            | 0.02                        | 1.26                       | 0.16                           | 13.76                      | 1.32                                | 1.32                              | #                           | 0.03                       |
| Service                | 439                                    | 60                                           | 3.89                 | 3.75         | 5.10            | -0.14                       | -3.58                      | -1.35                          | -26.45                     | 3.89                                | 3.89                              | #                           | 0.03                       |
| Technical              | 536                                    | 57                                           | 4.82                 | 4.87         | 4.37            | 0.05                        | 1.08                       | 0.50                           | 11.52                      | 4.82                                | 4.82                              | #                           | 0.03                       |
| Mother's occupation    |                                        |                                              |                      |              |                 |                             |                            |                                |                            |                                     |                                   |                             |                            |
| No job for pay         | 419                                    | 46                                           | 3.15                 | 3.13         | 3.27            | -0.01                       | -0.45                      | -0.14                          | -4.16                      | 3.15                                | 3.15                              | #                           | 0.03                       |
| Clerical               | 1,849                                  | 175                                          | 16.73                | 16.72        | 16.75           | #                           | -0.02                      | -0.03                          | -0.16                      | 16.73                               | 16.72                             | #                           | 0.03                       |
| Craftsperson           | 252                                    | 21                                           | 2.38                 | 2.37         | 2.49            | -0.01                       | -0.51                      | -0.12                          | -4.77                      | 2.38                                | 2.38                              | #                           | 0.03                       |
| Farmer, farm manager   | 56                                     | 1                                            | 0.52                 | 0.57         | 0.08            | 0.05 <sup>1</sup>           | 9.66                       | 0.49 <sup>1</sup>              | 586.65                     | 0.52                                | 0.53                              | -0.02                       | -2.95                      |
| Homemaker              | 541                                    | 79                                           | 6.08                 | 5.80         | 8.44            | -0.27 <sup>1</sup>          | -4.47                      | -2.63 <sup>1</sup>             | -31.22                     | 6.08                                | 6.07                              | #                           | 0.03                       |
| Laborer                | 462                                    | 62                                           | 4.68                 | 4.54         | 5.83            | -0.13                       | -2.84                      | -1.29                          | -22.12                     | 4.68                                | 4.66                              | 0.02                        | 0.36                       |
| Manager, administrator | 1,210                                  | 123                                          | 10.50                | 10.50        | 10.55           | -0.01                       | -0.06                      | -0.06                          | -0.54                      | 10.50                               | 10.50                             | #                           | 0.03                       |
| Military               | 19                                     | 2                                            | 0.14                 | 0.14         | 0.21            | -0.01                       | -5.06                      | -0.07                          | -34.07                     | 0.14                                | 0.14                              | 0.01                        | 5.40                       |
| Operative              | 455                                    | 44                                           | 4.33                 | 4.41         | 3.62            | 0.08                        | 1.90                       | 0.80                           | 22.10                      | 4.33                                | 4.34                              | -0.01                       | -0.27                      |
| Professional A         | 1,737                                  | 143                                          | 13.51                | 13.94        | 9.75            | 0.43 <sup>1</sup>           | 3.20                       | 4.19 <sup>1</sup>              | 43.01                      | 13.51                               | 13.52                             | -0.01                       | -0.08                      |
| Professional B         | 442                                    | 53                                           | 3.47                 | 3.45         | 3.64            | -0.02                       | -0.58                      | -0.19                          | -5.32                      | 3.47                                | 3.46                              | #                           | 0.06                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|---------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                         | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                         |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Mother's occupation—Continued                           |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Proprietor, owner                                       | 269                                    | 25                                           | 2.26                 | 2.30        | 1.92           | 0.04                        | 1.72                       | 0.38                           | 19.66                               | 2.26                       | 2.26                              | #                           | 0.03                       |
| Protective service                                      | 81                                     | 9                                            | 0.68                 | 0.66        | 0.82           | -0.02                       | -2.50                      | -0.16                          | -19.91                              | 0.68                       | 0.68                              | -0.01                       | -1.11                      |
| Sales                                                   | 463                                    | 63                                           | 4.37                 | 4.27        | 5.26           | -0.10                       | -2.34                      | -0.99                          | -18.84                              | 4.37                       | 4.37                              | #                           | 0.03                       |
| School teacher                                          | 795                                    | 76                                           | 6.36                 | 6.48        | 5.26           | 0.13                        | 1.98                       | 1.22                           | 23.13                               | 6.36                       | 6.35                              | #                           | 0.03                       |
| Service                                                 | 1,679                                  | 187                                          | 15.94                | 15.80       | 17.12          | -0.14                       | -0.85                      | -1.31                          | -7.66                               | 15.94                      | 15.94                             | #                           | 0.03                       |
| Technical                                               | 545                                    | 61                                           | 4.92                 | 4.91        | 4.99           | -0.01                       | -0.17                      | -0.08                          | -1.64                               | 4.92                       | 4.92                              | #                           | 0.03                       |
| English is the student's native language                |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,845                                  | 231                                          | 14.05                | 13.38       | 19.88          | -0.67 <sup>1</sup>          | -4.77                      | -6.50 <sup>1</sup>             | -32.72                              | 14.05                      | 14.06                             | -0.01                       | -0.07                      |
| Yes                                                     | 9,429                                  | 939                                          | 85.95                | 86.62       | 80.12          | 0.67 <sup>1</sup>           | 0.78                       | 6.50 <sup>1</sup>              | 8.12                                | 85.95                      | 85.94                             | 0.01                        | 0.01                       |
| Sophomore cohort member                                 |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 111                                    | 6                                            | 1.16                 | 1.20        | 0.84           | 0.04                        | 3.20                       | 0.36                           | 43.01                               | 1.16                       | 1.16                              | #                           | 0.03                       |
| Yes                                                     | 11,163                                 | 1,164                                        | 98.84                | 98.80       | 99.16          | -0.04                       | -0.04                      | -0.36                          | -0.36                               | 98.84                      | 98.84                             | #                           | #                          |
| Senior cohort member                                    |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| No                                                      | 1,006                                  | 250                                          | 13.48                | 12.07       | 25.68          | -1.40 <sup>1</sup>          | -10.41                     | -13.61 <sup>1</sup>            | -52.99                              | 13.48                      | 13.47                             | #                           | 0.03                       |
| Yes                                                     | 10,268                                 | 920                                          | 86.52                | 87.93       | 74.32          | 1.40 <sup>1</sup>           | 1.62                       | 13.61 <sup>1</sup>             | 18.31                               | 86.52                      | 86.53                             | #                           | #                          |
| Asian 10th grade enrollment percent                     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 2 percent                         | 4,389                                  | 452                                          | 38.71                | 38.35       | 41.88          | -0.36                       | -0.94                      | -3.54                          | -8.44                               | 38.71                      | 38.70                             | 0.01                        | 0.03                       |
| Greater than 2 percent                                  | 6,885                                  | 718                                          | 61.29                | 61.65       | 58.12          | 0.36                        | 0.59                       | 3.54                           | 6.08                                | 61.29                      | 61.30                             | -0.01                       | -0.02                      |
| Black or African American 10th grade enrollment percent |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 4 percent                         | 4,006                                  | 304                                          | 34.60                | 35.35       | 28.07          | 0.75                        | 2.17                       | 7.28                           | 25.94                               | 34.60                      | 34.59                             | 0.01                        | 0.03                       |
| Greater than 4 percent                                  | 7,268                                  | 866                                          | 65.40                | 64.65       | 71.93          | -0.75                       | -1.15                      | -7.28                          | -10.12                              | 65.40                      | 65.41                             | -0.01                       | -0.01                      |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable            | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|---------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                     | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                     |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                     |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Income              |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| \$1,000 or less     | 158                                    | 19                                           | 1.49                 | 1.47        | 1.60           | -0.01                       | -0.89                      | -0.13                          | -7.98                      | 1.49                                | 1.49                              | #                           | 0.03                       |
| \$1,001–\$5,000     | 183                                    | 34                                           | 1.83                 | 1.66        | 3.28           | -0.17 <sup>1</sup>          | -9.11                      | -1.62 <sup>1</sup>             | -49.28                     | 1.83                                | 1.83                              | #                           | 0.03                       |
| \$5,001–\$10,000    | 216                                    | 32                                           | 2.24                 | 2.17        | 2.83           | -0.07                       | -3.04                      | -0.66                          | -23.29                     | 2.24                                | 2.23                              | #                           | 0.03                       |
| \$10,001–\$15,000   | 431                                    | 58                                           | 4.27                 | 4.04        | 6.21           | -0.22 <sup>1</sup>          | -5.25                      | -2.17 <sup>1</sup>             | -34.94                     | 4.27                                | 4.26                              | #                           | 0.03                       |
| \$15,001–\$20,000   | 493                                    | 55                                           | 4.75                 | 4.63        | 5.76           | -0.12                       | -2.45                      | -1.13                          | -19.59                     | 4.75                                | 4.75                              | #                           | 0.03                       |
| \$20,001–\$25,000   | 627                                    | 92                                           | 6.47                 | 6.23        | 8.53           | -0.24 <sup>1</sup>          | -3.67                      | -2.30 <sup>1</sup>             | -26.98                     | 6.47                                | 6.47                              | #                           | 0.03                       |
| \$25,001–\$35,000   | 1,270                                  | 118                                          | 12.20                | 12.29       | 11.44          | 0.09                        | 0.72                       | 0.85                           | 7.45                       | 12.20                               | 12.20                             | #                           | 0.03                       |
| \$35,001–\$50,000   | 2,055                                  | 238                                          | 19.49                | 19.27       | 21.38          | -0.22                       | -1.11                      | -2.10                          | -9.84                      | 19.49                               | 19.49                             | #                           | 0.03                       |
| \$50,001–\$75,000   | 2,415                                  | 215                                          | 21.19                | 21.40       | 19.34          | 0.21                        | 1.00                       | 2.06                           | 10.62                      | 21.19                               | 21.18                             | 0.01                        | 0.03                       |
| \$75,001–\$100,000  | 1,608                                  | 147                                          | 13.34                | 13.69       | 10.38          | 0.34 <sup>1</sup>           | 2.55                       | 3.31 <sup>1</sup>              | 31.84                      | 13.34                               | 13.35                             | -0.01                       | -0.07                      |
| \$100,001–\$200,000 | 1,392                                  | 105                                          | 10.07                | 10.50       | 6.25           | 0.44 <sup>1</sup>           | 4.36                       | 4.25 <sup>1</sup>              | 68.02                      | 10.07                               | 10.08                             | -0.01                       | -0.10                      |
| \$200,001 or more   | 426                                    | 57                                           | 2.68                 | 2.64        | 3.00           | -0.04                       | -1.38                      | -0.36                          | -11.98                     | 2.68                                | 2.68                              | #                           | 0.03                       |
| Census region       |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Northeast           | 1,950                                  | 291                                          | 18.61                | 17.47       | 28.46          | -1.13 <sup>1</sup>          | -6.09                      | -10.99 <sup>1</sup>            | -38.61                     | 18.61                               | 18.63                             | -0.02                       | -0.11                      |
| Midwest             | 2,973                                  | 234                                          | 24.31                | 24.84       | 19.78          | 0.52                        | 2.14                       | 5.05                           | 25.53                      | 24.31                               | 24.31                             | 0.01                        | 0.03                       |
| South               | 4,024                                  | 485                                          | 34.43                | 34.04       | 37.88          | -0.40                       | -1.15                      | -3.84                          | -10.15                     | 34.43                               | 34.42                             | 0.01                        | 0.03                       |
| West                | 2,327                                  | 160                                          | 22.65                | 23.65       | 13.87          | 1.01 <sup>1</sup>           | 4.45                       | 9.78 <sup>1</sup>              | 70.53                      | 22.65                               | 22.64                             | 0.01                        | 0.03                       |
| School sector       |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Public              | 8,624                                  | 950                                          | 92.32                | 92.26       | 92.89          | -0.07                       | -0.07                      | -0.64                          | -0.68                      | 92.32                               | 92.32                             | #                           | #                          |
| Catholic            | 1,586                                  | 90                                           | 4.26                 | 4.51        | 2.09           | 0.25 <sup>1</sup>           | 5.86                       | 2.42 <sup>1</sup>              | 115.96                     | 4.26                                | 4.26                              | #                           | 0.03                       |
| Other private       | 1,064                                  | 130                                          | 3.42                 | 3.23        | 5.02           | -0.18                       | -5.40                      | -1.79                          | -35.62                     | 3.42                                | 3.42                              | #                           | -0.12                      |
| School urbanicity   |                                        |                                              |                      |             |                |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Urban               | 3,711                                  | 540                                          | 29.90                | 28.19       | 44.80          | -1.71 <sup>1</sup>          | -5.73                      | -16.61 <sup>1</sup>            | -37.08                     | 29.90                               | 29.90                             | 0.01                        | 0.03                       |
| Suburban            | 5,515                                  | 427                                          | 50.30                | 51.88       | 36.49          | 1.59 <sup>1</sup>           | 3.15                       | 15.39 <sup>1</sup>             | 42.17                      | 50.30                               | 50.31                             | -0.01                       | -0.03                      |
| Rural               | 2,048                                  | 203                                          | 19.80                | 19.93       | 18.70          | 0.13                        | 0.64                       | 1.22                           | 6.53                       | 19.80                               | 19.79                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | Before weight adjustment               |                                              |                      |             |                |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------|----------------------------------------|----------------------------------------------|----------------------|-------------|----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                              | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |             |                | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                              |                                        |                                              | Full sample          | Respondents | Nonrespondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| Minutes per class period     |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 45                           | 2,603                                  | 372                                          | 19.01                | 17.38       | 33.18          | -1.63 <sup>1</sup>          | -8.57                      | -15.79 <sup>1</sup>            | -47.60                              | 19.01                      | 19.03                             | -0.02                       | -0.11                      |
| 46–50                        | 2,476                                  | 232                                          | 21.73                | 22.37       | 16.13          | 0.64                        | 2.96                       | 6.25                           | 38.73                               | 21.73                      | 21.72                             | 0.01                        | 0.03                       |
| 51–80                        | 3,051                                  | 246                                          | 28.74                | 29.28       | 24.02          | 0.54                        | 1.89                       | 5.26                           | 21.91                               | 28.74                      | 28.73                             | 0.01                        | 0.03                       |
| 81+                          | 3,144                                  | 320                                          | 30.52                | 30.96       | 26.68          | 0.44                        | 1.45                       | 4.28                           | 16.06                               | 30.52                      | 30.51                             | 0.01                        | 0.03                       |
| Class periods per day        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–4                          | 3,253                                  | 342                                          | 31.51                | 31.70       | 29.87          | 0.19                        | 0.60                       | 1.83                           | 6.14                                | 31.51                      | 31.50                             | 0.01                        | 0.03                       |
| 5–6                          | 2,772                                  | 240                                          | 26.38                | 27.15       | 19.70          | 0.77 <sup>1</sup>           | 2.91                       | 7.45 <sup>1</sup>              | 37.83                               | 26.38                      | 26.38                             | 0.01                        | 0.03                       |
| 7                            | 3,009                                  | 383                                          | 24.95                | 23.91       | 34.06          | -1.05                       | -4.20                      | -10.16                         | -29.81                              | 24.95                      | 24.95                             | 0.01                        | 0.03                       |
| 8–9                          | 2,240                                  | 205                                          | 17.15                | 17.24       | 16.37          | 0.09                        | 0.52                       | 0.87                           | 5.31                                | 17.15                      | 17.17                             | -0.02                       | -0.12                      |
| Is the school coeducational? |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Yes                          | 10,647                                 | 1,115                                        | 97.99                | 97.92       | 98.60          | -0.07                       | -0.07                      | -0.68                          | -0.69                               | 97.99                      | 97.99                             | #                           | #                          |
| No, all-female school        | 275                                    | 52                                           | 0.97                 | 0.93        | 1.34           | -0.04                       | -4.32                      | -0.41                          | -30.43                              | 0.97                       | 0.97                              | #                           | 0.03                       |
| No, all-male school          | 352                                    | 3                                            | 1.04                 | 1.15        | 0.06           | 0.11 <sup>1</sup>           | 10.79                      | 1.09 <sup>1</sup>              | 1,715.95                            | 1.04                       | 1.04                              | #                           | 0.03                       |
| 10th-grade enrollment        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–99                         | 2,193                                  | 260                                          | 12.51                | 12.42       | 13.26          | -0.09                       | -0.69                      | -0.84                          | -6.32                               | 12.51                      | 12.51                             | #                           | 0.03                       |
| 100–249                      | 3,025                                  | 216                                          | 22.35                | 23.12       | 15.68          | 0.77 <sup>1</sup>           | 3.43                       | 7.44 <sup>1</sup>              | 47.46                               | 22.35                      | 22.34                             | 0.01                        | 0.03                       |
| 250–499                      | 3,666                                  | 296                                          | 36.10                | 36.68       | 31.03          | 0.58                        | 1.61                       | 5.65                           | 18.22                               | 36.10                      | 36.12                             | -0.02                       | -0.05                      |
| 500+                         | 2,390                                  | 398                                          | 29.04                | 27.78       | 40.03          | -1.26 <sup>1</sup>          | -4.35                      | -12.26 <sup>1</sup>            | -30.61                              | 29.04                      | 29.03                             | 0.01                        | 0.03                       |
| Total enrollment             |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to        |                                        |                                              |                      |             |                |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 600                          | 2,728                                  | 240                                          | 17.57                | 17.92       | 14.53          | 0.35                        | 1.99                       | 3.39                           | 23.34                               | 17.57                      | 17.57                             | #                           | 0.03                       |
| 601–1,200                    | 3,479                                  | 285                                          | 27.51                | 28.27       | 20.90          | 0.76                        | 2.76                       | 7.37                           | 35.26                               | 27.51                      | 27.50                             | 0.01                        | 0.03                       |
| 1,201–1,800                  | 2,547                                  | 266                                          | 26.14                | 25.94       | 27.89          | -0.20                       | -0.77                      | -1.94                          | -6.97                               | 26.14                      | 26.16                             | -0.02                       | -0.07                      |
| Greater than 1,800           | 2,520                                  | 379                                          | 28.78                | 27.87       | 36.69          | -0.91 <sup>1</sup>          | -3.16                      | -8.81 <sup>1</sup>             | -24.03                              | 28.78                      | 28.77                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                |                            | After nonresponse weight adjustment |                                   |                             |                            |
|--------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|----------------------------|-------------------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                            | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                            | Means                               |                                   | Full sample vs. respondents |                            |
|                                            |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup> | Full sample, base-weighted          | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                            |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Family composition                         |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Mother and father                          | 7,090                                  | 628                                          | 57.88                | 58.98         | 48.35            | 1.10 <sup>1</sup>           | 1.89                       | 10.62 <sup>1</sup>             | 21.97                      | 57.88                               | 57.89                             | -0.01                       | -0.02                      |
| Mother and male guardian                   | 1,237                                  | 162                                          | 13.04                | 12.63         | 16.55            | -0.40 <sup>1</sup>          | -3.10                      | -3.91 <sup>1</sup>             | -23.65                     | 13.04                               | 13.03                             | #                           | 0.03                       |
| Father and female guardian                 | 318                                    | 41                                           | 3.13                 | 3.10          | 3.35             | -0.03                       | -0.83                      | -0.25                          | -7.50                      | 3.13                                | 3.13                              | #                           | 0.03                       |
| Two guardians                              | 168                                    | 19                                           | 1.77                 | 1.76          | 1.94             | -0.02                       | -1.07                      | -0.18                          | -9.48                      | 1.77                                | 1.77                              | #                           | 0.03                       |
| Mother only                                | 1,860                                  | 259                                          | 18.37                | 17.70         | 24.21            | -0.67 <sup>1</sup>          | -3.65                      | -6.51 <sup>1</sup>             | -26.89                     | 18.37                               | 18.37                             | #                           | 0.03                       |
| Father only                                | 321                                    | 27                                           | 3.16                 | 3.21          | 2.69             | 0.05                        | 1.70                       | 0.52                           | 19.33                      | 3.16                                | 3.16                              | #                           | 0.03                       |
| Female guardian only                       | 132                                    | 16                                           | 1.33                 | 1.32          | 1.37             | #                           | -0.34                      | -0.04                          | -3.21                      | 1.33                                | 1.32                              | 0.01                        | 0.68                       |
| Male guardian only                         | 32                                     | 3                                            | 0.29                 | 0.29          | 0.24             | 0.01                        | 1.84                       | 0.05                           | 21.23                      | 0.29                                | 0.30                              | -0.01                       | -3.00                      |
| Lives with student less than half the year | 116                                    | 15                                           | 1.04                 | 1.01          | 1.30             | -0.03                       | -2.90                      | -0.29                          | -22.47                     | 1.04                                | 1.04                              | #                           | 0.03                       |
| Parent's highest level of education        |                                        |                                              |                      |               |                  |                             |                            |                                |                            |                                     |                                   |                             |                            |
| Did not finish high school                 | 634                                    | 78                                           | 6.40                 | 6.31          | 7.22             | -0.09                       | -1.47                      | -0.91                          | -12.66                     | 6.40                                | 6.40                              | #                           | 0.03                       |
| Graduated from high school or GED          | 2,095                                  | 214                                          | 21.16                | 21.14         | 21.38            | -0.02                       | -0.12                      | -0.24                          | -1.13                      | 21.16                               | 21.16                             | 0.01                        | 0.03                       |
| Attended 2-year school, no degree          | 1,182                                  | 129                                          | 11.48                | 11.33         | 12.79            | -0.15                       | -1.31                      | -1.46                          | -11.41                     | 11.48                               | 11.48                             | #                           | 0.03                       |
| Graduated from 2-year school               | 1,179                                  | 108                                          | 11.18                | 11.32         | 10.00            | 0.14                        | 1.21                       | 1.32                           | 13.16                      | 11.18                               | 11.18                             | #                           | 0.03                       |
| Attended college, no 4-year degree         | 1,234                                  | 149                                          | 11.43                | 11.17         | 13.65            | -0.26 <sup>1</sup>          | -2.24                      | -2.48 <sup>1</sup>             | -18.17                     | 11.43                               | 11.44                             | -0.01                       | -0.09                      |
| Graduated from college                     | 2,652                                  | 246                                          | 21.93                | 22.22         | 19.37            | 0.29                        | 1.34                       | 2.85                           | 14.74                      | 21.93                               | 21.92                             | 0.01                        | 0.03                       |
| Completed Master's degree or equivalent    | 1,466                                  | 149                                          | 11.14                | 11.22         | 10.40            | 0.08                        | 0.76                       | 0.82                           | 7.84                       | 11.14                               | 11.15                             | -0.01                       | -0.09                      |
| Completed PhD, MD, other advanced degree   | 832                                    | 97                                           | 5.28                 | 5.29          | 5.18             | 0.01                        | 0.21                       | 0.11                           | 2.11                       | 5.28                                | 5.28                              | #                           | 0.03                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | Before weight adjustment               |                                              |                      |               |                  |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------|----------------------------------------|----------------------------------------------|----------------------|---------------|------------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                    | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |               |                  | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                    |                                        |                                              | Full sample          | Re-spond-ents | Non-respond-ents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                    |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Socioeconomic quarter              |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Lowest SES quarter                 | 2,460                                  | 297                                          | 24.82                | 24.39         | 28.56            | -0.43                       | -1.73                      | -4.17                          | -14.58                              | 24.82                      | 24.82                             | 0.01                        | 0.03                       |
| Second SES quarter                 | 2,604                                  | 276                                          | 25.40                | 25.33         | 26.06            | -0.08                       | -0.30                      | -0.73                          | -2.79                               | 25.40                      | 25.40                             | 0.01                        | 0.03                       |
| Third SES quarter                  | 2,736                                  | 289                                          | 24.86                | 24.60         | 27.14            | -0.26                       | -1.06                      | -2.55                          | -9.38                               | 24.86                      | 24.88                             | -0.02                       | -0.08                      |
| Highest SES quarter                | 3,474                                  | 308                                          | 24.91                | 25.68         | 18.24            | 0.77 <sup>1</sup>           | 3.08                       | 7.44 <sup>1</sup>              | 40.79                               | 24.91                      | 24.91                             | 0.01                        | 0.03                       |
| Student sex                        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Male                               | 5,351                                  | 539                                          | 49.15                | 48.97         | 50.74            | -0.18                       | -0.37                      | -1.76                          | -3.48                               | 49.15                      | 49.17                             | -0.01                       | -0.03                      |
| Female                             | 5,923                                  | 631                                          | 50.85                | 51.03         | 49.26            | 0.18                        | 0.36                       | 1.76                           | 3.58                                | 50.85                      | 50.83                             | 0.01                        | 0.03                       |
| Free or reduced-price lunch        |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0                                  | 2,115                                  | 227                                          | 8.05                 | 8.03          | 8.19             | -0.02                       | -0.20                      | -0.16                          | -1.90                               | 8.05                       | 8.05                              | #                           | 0.03                       |
| 1–10                               | 2,612                                  | 262                                          | 25.00                | 24.96         | 25.28            | -0.03                       | -0.13                      | -0.32                          | -1.25                               | 25.00                      | 25.02                             | -0.02                       | -0.08                      |
| 11–30                              | 3,434                                  | 281                                          | 36.02                | 36.78         | 29.40            | 0.76                        | 2.11                       | 7.38                           | 25.12                               | 36.02                      | 36.01                             | 0.01                        | 0.03                       |
| Greater than 30                    | 3,113                                  | 400                                          | 30.94                | 30.22         | 37.14            | -0.71                       | -2.30                      | -6.91                          | -18.62                              | 30.94                      | 30.93                             | 0.01                        | 0.03                       |
| Number of full-time teachers       |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 1–40                               | 2,985                                  | 286                                          | 18.10                | 18.19         | 17.30            | 0.09                        | 0.51                       | 0.89                           | 5.17                                | 18.10                      | 18.10                             | #                           | 0.03                       |
| 41–70                              | 2,948                                  | 229                                          | 23.39                | 24.24         | 15.98            | 0.85 <sup>1</sup>           | 3.64                       | 8.26 <sup>1</sup>              | 51.66                               | 23.39                      | 23.38                             | 0.01                        | 0.03                       |
| 71–100                             | 2,856                                  | 307                                          | 30.21                | 29.96         | 32.37            | -0.25                       | -0.82                      | -2.41                          | -7.46                               | 30.21                      | 30.23                             | -0.02                       | -0.06                      |
| 101+                               | 2,485                                  | 348                                          | 28.30                | 27.61         | 34.35            | -0.69                       | -2.45                      | -6.74                          | -19.61                              | 28.30                      | 28.30                             | 0.01                        | 0.03                       |
| Number of grades within the school |                                        |                                              |                      |               |                  |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 4                                  | 8,567                                  | 905                                          | 79.71                | 79.28         | 83.44            | -0.43                       | -0.54                      | -4.16                          | -4.98                               | 79.71                      | 79.72                             | -0.01                       | -0.01                      |
| Less than or greater than 4        | 2,707                                  | 265                                          | 20.29                | 20.72         | 16.56            | 0.43                        | 2.11                       | 4.16                           | 25.12                               | 20.29                      | 20.28                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                         | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                                                  | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                                                  |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
|                                                                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Types of grades within the school                                |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and PreK–12 schools | 740                                    | 111                                          | 4.88                 | 4.78         | 5.76            | -0.10                       | -2.07                      | -0.98                          | -17.02                              | 4.88                       | 4.88                              | #                           | 0.03                       |
| Middle grades but no elementary                                  | 1,185                                  | 107                                          | 7.59                 | 7.77         | 6.05            | 0.18                        | 2.34                       | 1.72                           | 28.53                               | 7.59                       | 7.59                              | #                           | 0.03                       |
| Only high school                                                 | 9,349                                  | 952                                          | 87.53                | 87.45        | 88.19           | -0.08                       | -0.09                      | -0.74                          | -0.84                               | 87.53                      | 87.53                             | #                           | #                          |
| Hispanic or Latino 10th-grade enrollment percent                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 3 percent                                  | 4,568                                  | 346                                          | 37.85                | 39.04        | 27.54           | 1.19 <sup>1</sup>           | 3.13                       | 11.50 <sup>1</sup>             | 41.74                               | 37.85                      | 37.87                             | -0.02                       | -0.04                      |
| Greater than 3 percent                                           | 6,706                                  | 824                                          | 62.15                | 60.96        | 72.46           | -1.19 <sup>1</sup>          | -1.91                      | -11.50 <sup>1</sup>            | -15.87                              | 62.15                      | 62.13                             | 0.02                        | 0.03                       |
| IEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 5 percent                                  | 4,544                                  | 465                                          | 26.31                | 26.17        | 27.55           | -0.14                       | -0.54                      | -1.38                          | -5.00                               | 26.31                      | 26.31                             | 0.01                        | 0.03                       |
| 6–10 percent                                                     | 2,833                                  | 301                                          | 32.93                | 32.86        | 33.54           | -0.07                       | -0.21                      | -0.67                          | -2.01                               | 32.93                      | 32.95                             | -0.02                       | -0.05                      |
| 11–15 percent                                                    | 2,513                                  | 207                                          | 26.76                | 27.46        | 20.68           | 0.70                        | 2.61                       | 6.78                           | 32.76                               | 26.76                      | 26.76                             | 0.01                        | 0.03                       |
| Greater than 15 percent                                          | 1,384                                  | 197                                          | 13.99                | 13.50        | 18.23           | -0.49                       | -3.48                      | -4.73                          | -25.92                              | 13.99                      | 13.99                             | #                           | 0.03                       |
| LEP percentage                                                   |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0 percent                                                        | 5,066                                  | 458                                          | 34.06                | 34.82        | 27.40           | 0.77                        | 2.25                       | 7.43                           | 27.11                               | 34.06                      | 34.05                             | 0.01                        | 0.03                       |
| 1 percent                                                        | 2,240                                  | 234                                          | 23.27                | 23.08        | 24.97           | -0.19                       | -0.84                      | -1.88                          | -7.55                               | 23.27                      | 23.29                             | -0.02                       | -0.08                      |
| 2–5 percent                                                      | 1,808                                  | 230                                          | 18.76                | 18.35        | 22.32           | -0.41                       | -2.18                      | -3.97                          | -17.77                              | 18.76                      | 18.76                             | #                           | 0.03                       |
| Greater than 5 percent                                           | 2,160                                  | 248                                          | 23.90                | 23.74        | 25.31           | -0.16                       | -0.68                      | -1.57                          | -6.22                               | 23.90                      | 23.90                             | 0.01                        | 0.03                       |

See notes at end of table.

**Table H-6a. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                      | Before weight adjustment               |                                              |                      |              |                 |                             |                            |                                | After nonresponse weight adjustment |                            |                                   |                             |                            |
|-----------------------------------------------|----------------------------------------|----------------------------------------------|----------------------|--------------|-----------------|-----------------------------|----------------------------|--------------------------------|-------------------------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|
|                                               | Unweighted respondents (study members) | Unweighted nonrespondents (nonstudy members) | Means, base weighted |              |                 | Respondents vs. full sample |                            | Respondents vs. nonrespondents |                                     | Means                      |                                   | Full sample vs. respondents |                            |
|                                               |                                        |                                              | Full sample          | Re-spondents | Non-respondents | Estimated bias <sup>2</sup> | Relative bias <sup>3</sup> | Estimated bias <sup>4</sup>    | Relative bias <sup>3</sup>          | Full sample, base-weighted | Respondents, nonresponse adjusted | Estimated bias <sup>5</sup> | Relative bias <sup>3</sup> |
| All other races 10th-grade enrollment percent |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than or equal to 80 percent              | 5,350                                  | 676                                          | 51.02                | 50.01        | 59.88           | -1.02 <sup>1</sup>          | -1.99                      | -9.87 <sup>1</sup>             | -16.49                              | 51.02                      | 51.01                             | 0.01                        | 0.03                       |
| Greater than 80 percent                       | 5,924                                  | 494                                          | 48.98                | 49.99        | 40.12           | 1.02 <sup>1</sup>           | 2.08                       | 9.87 <sup>1</sup>              | 24.61                               | 48.98                      | 48.99                             | -0.01                       | -0.03                      |
| Number of part-time teachers                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–1                                           | 2,990                                  | 484                                          | 31.08                | 29.42        | 45.46           | -1.65 <sup>1</sup>          | -5.32                      | -16.04 <sup>1</sup>            | -35.28                              | 31.08                      | 31.07                             | 0.01                        | 0.03                       |
| 2–3                                           | 3,379                                  | 227                                          | 28.81                | 29.66        | 21.37           | 0.86 <sup>1</sup>           | 2.97                       | 8.30 <sup>1</sup>              | 38.84                               | 28.81                      | 28.80                             | 0.01                        | 0.03                       |
| 4–6                                           | 2,802                                  | 249                                          | 21.66                | 21.99        | 18.78           | 0.33                        | 1.52                       | 3.20                           | 17.05                               | 21.66                      | 21.65                             | 0.01                        | 0.03                       |
| 7+                                            | 2,103                                  | 210                                          | 18.46                | 18.93        | 14.39           | 0.47                        | 2.53                       | 4.54                           | 31.52                               | 18.46                      | 18.48                             | -0.02                       | -0.11                      |
| Full-time teachers certified                  |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| 0–90 percent                                  | 2,895                                  | 367                                          | 15.98                | 15.31        | 21.86           | -0.68                       | -4.23                      | -6.55                          | -29.97                              | 15.98                      | 15.98                             | #                           | 0.03                       |
| 91–99 percent                                 | 1,955                                  | 221                                          | 20.24                | 19.87        | 23.43           | -0.37                       | -1.81                      | -3.56                          | -15.18                              | 20.24                      | 20.23                             | 0.01                        | 0.03                       |
| 100 percent                                   | 6,424                                  | 582                                          | 63.78                | 64.82        | 54.71           | 1.04 <sup>1</sup>           | 1.63                       | 10.11 <sup>1</sup>             | 18.47                               | 63.78                      | 63.79                             | -0.01                       | -0.01                      |
| Student race/ethnicity                        |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Hispanic or Latino                            | 1,558                                  | 197                                          | 16.29                | 15.65        | 21.86           | -0.64 <sup>1</sup>          | -3.93                      | -6.21 <sup>1</sup>             | -28.39                              | 16.29                      | 16.29                             | #                           | 0.03                       |
| Asian                                         | 1,127                                  | 122                                          | 4.20                 | 4.14         | 4.74            | -0.06                       | -1.48                      | -0.60                          | -12.73                              | 4.20                       | 4.20                              | #                           | 0.03                       |
| Black or African American                     | 1,339                                  | 243                                          | 14.29                | 13.32        | 22.70           | -0.97 <sup>1</sup>          | -6.77                      | -9.38 <sup>1</sup>             | -41.32                              | 14.29                      | 14.30                             | -0.01                       | -0.07                      |
| All other races                               | 7,250                                  | 608                                          | 65.22                | 66.89        | 50.70           | 1.67 <sup>1</sup>           | 2.56                       | 16.19 <sup>1</sup>             | 31.93                               | 65.22                      | 65.21                             | #                           | 0.01                       |
| Number of days in school year                 |                                        |                                              |                      |              |                 |                             |                            |                                |                                     |                            |                                   |                             |                            |
| Less than 180 days                            | 3,009                                  | 264                                          | 24.50                | 25.02        | 19.92           | 0.53                        | 2.15                       | 5.11                           | 25.65                               | 24.50                      | 24.49                             | 0.01                        | 0.03                       |
| 180 days                                      | 6,183                                  | 709                                          | 56.87                | 56.05        | 64.01           | -0.82                       | -1.44                      | -7.96                          | -12.44                              | 56.87                      | 56.85                             | 0.01                        | 0.03                       |
| More than 180 days                            | 2,082                                  | 197                                          | 18.64                | 18.93        | 16.08           | 0.29                        | 1.58                       | 2.85                           | 17.75                               | 18.64                      | 18.66                             | -0.02                       | -0.11                      |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Bias is significant at the 0.05 level.<sup>2</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using base weight) and the mean of all sample cases (using the base weight).<sup>3</sup> Relative bias is defined as the ratio of estimated bias to the weighted mean of the respondent cases.<sup>4</sup> Bias in the sample mean is estimated as the product of the base-weighted nonresponse rate and the difference between the mean of respondent cases (using base weight) and the mean of nonrespondent cases (using the base weight)<sup>5</sup> Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the specified weight) and the mean of all sample cases (using the specified weight).

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012**

| Variable               | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                        | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                        | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Father's occupation    |                                                |                                      |                                                                       |                        |                        |
| No job for pay         | 0.72                                           | 0.72                                 | 0.73                                                                  | -0.01                  | -0.01                  |
| Clerical               | 2.43                                           | 2.43                                 | 2.43                                                                  | #                      | #                      |
| Craftsperson           | 13.94                                          | 13.94                                | 13.93                                                                 | 0.01                   | 0.01                   |
| Farmer, farm manager   | 2.25                                           | 2.25                                 | 2.26                                                                  | -0.01                  | -0.01                  |
| Homemaker              | 2.66                                           | 2.66                                 | 2.65                                                                  | 0.01                   | 0.01                   |
| Laborer                | 10.62                                          | 10.63                                | 10.63                                                                 | -0.01                  | #                      |
| Manager, administrator | 14.83                                          | 14.83                                | 14.82                                                                 | 0.01                   | 0.01                   |
| Military               | 1.33                                           | 1.33                                 | 1.33                                                                  | #                      | #                      |
| Operative              | 12.27                                          | 12.24                                | 12.28                                                                 | -0.01                  | -0.04                  |
| Professional A         | 9.92                                           | 9.92                                 | 9.90                                                                  | 0.02                   | 0.02                   |
| Professional B         | 4.66                                           | 4.66                                 | 4.66                                                                  | #                      | #                      |
| Proprietor, owner      | 5.58                                           | 5.58                                 | 5.57                                                                  | 0.01                   | 0.01                   |
| Protective service     | 3.47                                           | 3.47                                 | 3.48                                                                  | -0.01                  | -0.01                  |
| Sales                  | 5.30                                           | 5.30                                 | 5.30                                                                  | #                      | #                      |
| School teacher         | 1.32                                           | 1.32                                 | 1.32                                                                  | #                      | #                      |
| Service                | 3.89                                           | 3.89                                 | 3.90                                                                  | -0.01                  | -0.01                  |
| Technical              | 4.82                                           | 4.82                                 | 4.82                                                                  | #                      | #                      |
| Mother's occupation    |                                                |                                      |                                                                       |                        |                        |
| No job for pay         | 3.15                                           | 3.15                                 | 3.14                                                                  | 0.01                   | 0.01                   |
| Clerical               | 16.72                                          | 16.73                                | 16.73                                                                 | -0.01                  | #                      |
| Craftsperson           | 2.38                                           | 2.38                                 | 2.38                                                                  | #                      | #                      |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                 | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                          | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                          | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                          | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Mother's occupation—Continued            |                                         |                                     |                                                                |                        |                        |
| Farmer, farm manager                     | 0.53                                    | 0.52                                | 0.53                                                           | #                      | -0.01                  |
| Homemaker                                | 6.07                                    | 6.08                                | 6.07                                                           | #                      | 0.01                   |
| Laborer                                  | 4.66                                    | 4.68                                | 4.66                                                           | #                      | 0.02                   |
| Manager, administrator                   | 10.50                                   | 10.50                               | 10.50                                                          | #                      | #                      |
| Military                                 | 0.14                                    | 0.14                                | 0.13                                                           | 0.01                   | 0.01                   |
| Operative                                | 4.34                                    | 4.33                                | 4.33                                                           | 0.01                   | #                      |
| Professional A                           | 13.52                                   | 13.51                               | 13.51                                                          | 0.01                   | #                      |
| Professional B                           | 3.46                                    | 3.47                                | 3.45                                                           | 0.01 <sup>1</sup>      | 0.02                   |
| Proprietor, owner                        | 2.26                                    | 2.26                                | 2.27                                                           | -0.01                  | -0.01                  |
| Protective service                       | 0.68                                    | 0.68                                | 0.69                                                           | -0.01                  | -0.01                  |
| Sales                                    | 4.37                                    | 4.37                                | 4.37                                                           | #                      | #                      |
| School teacher                           | 6.35                                    | 6.36                                | 6.36                                                           | -0.01                  | #                      |
| Service                                  | 15.94                                   | 15.94                               | 15.95                                                          | -0.01                  | -0.01                  |
| Technical                                | 4.92                                    | 4.92                                | 4.92                                                           | #                      | #                      |
| English is the student's native language |                                         |                                     |                                                                |                        |                        |
| No                                       | 14.06                                   | 14.05                               | 14.03                                                          | 0.03                   | 0.02                   |
| Yes                                      | 85.94                                   | 85.95                               | 85.97                                                          | -0.03                  | -0.02                  |
| Senior cohort member                     |                                         |                                     |                                                                |                        |                        |
| No                                       | 1.16                                    | 1.16                                | 1.16                                                           | #                      | #                      |
| Yes                                      | 98.84                                   | 98.84                               | 98.84                                                          | #                      | #                      |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|---------------------------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                                         | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                                         | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Senior cohort member                                    |                                                |                                      |                                                                       |                        |                        |
| No                                                      | 13.47                                          | 13.48                                | 13.47                                                                 | #                      | 0.01                   |
| Yes                                                     | 86.53                                          | 86.52                                | 86.53                                                                 | #                      | -0.01                  |
| Asian 10th grade enrollment percent                     |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 2 percent                         | 38.70                                          | 38.71                                | 38.66                                                                 | 0.04 <sup>1</sup>      | 0.05                   |
| Greater than 2 percent                                  | 61.30                                          | 61.29                                | 61.34                                                                 | -0.04 <sup>1</sup>     | -0.05                  |
| Black or African American 10th grade enrollment percent |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 4 percent                         | 34.59                                          | 34.60                                | 34.58                                                                 | 0.01                   | 0.02                   |
| Greater than 4 percent                                  | 65.41                                          | 65.40                                | 65.42                                                                 | -0.01                  | -0.02                  |
| Income                                                  |                                                |                                      |                                                                       |                        |                        |
| \$1,000 or less                                         | 1.49                                           | 1.49                                 | 1.49                                                                  | #                      | #                      |
| \$1,001–\$5,000                                         | 1.83                                           | 1.83                                 | 1.82                                                                  | 0.01 <sup>1</sup>      | 0.01                   |
| \$5,001–\$10,000                                        | 2.23                                           | 2.24                                 | 2.24                                                                  | -0.01                  | #                      |
| \$10,001–\$15,000                                       | 4.26                                           | 4.27                                 | 4.26                                                                  | #                      | 0.01                   |
| \$15,001–\$20,000                                       | 4.75                                           | 4.75                                 | 4.74                                                                  | 0.01                   | 0.01                   |
| \$20,001–\$25,000                                       | 6.47                                           | 6.47                                 | 6.47                                                                  | #                      | #                      |
| \$25,001–\$35,000                                       | 12.20                                          | 12.20                                | 12.20                                                                 | #                      | #                      |
| \$35,001–\$50,000                                       | 19.49                                          | 19.49                                | 19.49                                                                 | #                      | #                      |
| \$50,001–\$75,000                                       | 21.18                                          | 21.19                                | 21.20                                                                 | -0.02                  | -0.01                  |
| \$75,001–\$100,000                                      | 13.35                                          | 13.34                                | 13.34                                                                 | 0.01                   | #                      |
| \$100,001–\$200,000                                     | 10.08                                          | 10.07                                | 10.07                                                                 | 0.01                   | #                      |
| \$200,001 or more                                       | 2.68                                           | 2.68                                 | 2.67                                                                  | 0.01                   | 0.01                   |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                 | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|--------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                          | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                          | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                          |                                                |                                      |                                                                       |                        |                        |
| Census region            |                                                |                                      |                                                                       |                        |                        |
| Northeast                | 18.63                                          | 18.61                                | 18.63                                                                 | #                      | -0.02                  |
| Midwest                  | 24.31                                          | 24.31                                | 24.31                                                                 | #                      | #                      |
| South                    | 34.42                                          | 34.43                                | 34.42                                                                 | #                      | 0.01                   |
| West                     | 22.64                                          | 22.65                                | 22.64                                                                 | #                      | 0.01                   |
| School sector            |                                                |                                      |                                                                       |                        |                        |
| Public                   | 92.32                                          | 92.32                                | 92.32                                                                 | #                      | #                      |
| Catholic                 | 4.26                                           | 4.26                                 | 4.26                                                                  | #                      | #                      |
| Other private            | 3.42                                           | 3.42                                 | 3.42                                                                  | #                      | #                      |
| School urbanicity        |                                                |                                      |                                                                       |                        |                        |
| Urban                    | 29.90                                          | 29.90                                | 29.86                                                                 | 0.04                   | 0.04                   |
| Suburban                 | 50.31                                          | 50.30                                | 50.33                                                                 | -0.02                  | -0.03                  |
| Rural                    | 19.79                                          | 19.80                                | 19.81                                                                 | -0.02                  | -0.01                  |
| Minutes per class period |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 45 | 19.03                                          | 19.01                                | 19.02                                                                 | 0.01                   | -0.01                  |
| 46–50                    | 21.72                                          | 21.73                                | 21.73                                                                 | -0.01                  | #                      |
| 51–80                    | 28.73                                          | 28.74                                | 28.72                                                                 | 0.01                   | 0.02                   |
| 81+                      | 30.51                                          | 30.52                                | 30.53                                                                 | -0.02                  | -0.01                  |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                     | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                              | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                              | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Class periods per day        |                                                |                                      |                                                                       |                        |                        |
| 1–4                          | 31.50                                          | 31.51                                | 31.52                                                                 | -0.02                  | -0.01                  |
| 5–6                          | 26.38                                          | 26.38                                | 26.38                                                                 | #                      | #                      |
| 7                            | 24.95                                          | 24.95                                | 24.93                                                                 | 0.02                   | 0.02                   |
| 8–9                          | 17.17                                          | 17.15                                | 17.17                                                                 | #                      | -0.02                  |
| Is the school coeducational? |                                                |                                      |                                                                       |                        |                        |
| Yes                          | 97.99                                          | 97.99                                | 98.00                                                                 | -0.01                  | -0.01                  |
| No, all-female school        | 0.97                                           | 0.97                                 | 0.97                                                                  | #                      | #                      |
| No, all-male school          | 1.04                                           | 1.04                                 | 1.03                                                                  | 0.01                   | 0.01                   |
| 10th-grade enrollment        |                                                |                                      |                                                                       |                        |                        |
| 0–99                         | 12.51                                          | 12.51                                | 12.53                                                                 | -0.02                  | -0.02                  |
| 100–249                      | 22.34                                          | 22.35                                | 22.33                                                                 | 0.01                   | 0.02                   |
| 250–499                      | 36.12                                          | 36.10                                | 36.12                                                                 | #                      | -0.02                  |
| 500+                         | 29.03                                          | 29.04                                | 29.02                                                                 | 0.01                   | 0.02                   |
| Total enrollment             |                                                |                                      |                                                                       |                        |                        |
| Less than or equal to 600    | 17.57                                          | 17.57                                | 17.60                                                                 | -0.03                  | -0.03                  |
| 601–1,200                    | 27.50                                          | 27.51                                | 27.48                                                                 | 0.02                   | 0.03                   |
| 1,201–1,800                  | 26.16                                          | 26.14                                | 26.16                                                                 | #                      | -0.02                  |
| Greater than 1,800           | 28.77                                          | 28.78                                | 28.76                                                                 | 0.01                   | 0.02                   |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                   | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|--------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                            | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                            | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                            | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Family composition                         |                                         |                                     |                                                                |                        |                        |
| Mother and father                          | 57.89                                   | 57.88                               | 57.89                                                          | #                      | -0.01                  |
| Mother and male guardian                   | 13.03                                   | 13.04                               | 13.04                                                          | -0.01                  | #                      |
| Father and female guardian                 | 3.13                                    | 3.13                                | 3.13                                                           | #                      | #                      |
| Two guardians                              | 1.77                                    | 1.77                                | 1.77                                                           | #                      | #                      |
| Mother only                                | 18.37                                   | 18.37                               | 18.37                                                          | #                      | #                      |
| Father only                                | 3.16                                    | 3.16                                | 3.15                                                           | 0.01                   | 0.01                   |
| Female guardian only                       | 1.32                                    | 1.33                                | 1.31                                                           | 0.01                   | 0.02                   |
| Male guardian only                         | 0.30                                    | 0.29                                | 0.29                                                           | 0.01                   | #                      |
| Lives with student less than half the year | 1.04                                    | 1.04                                | 1.04                                                           | #                      | #                      |
| Parent's highest level of education        |                                         |                                     |                                                                |                        |                        |
| Did not finish high school                 | 6.40                                    | 6.40                                | 6.38                                                           | 0.02                   | 0.02                   |
| Graduated from high school or GED          | 21.16                                   | 21.16                               | 21.18                                                          | -0.02                  | -0.02                  |
| Attended 2-year school, no degree          | 11.48                                   | 11.48                               | 11.49                                                          | -0.01                  | -0.01                  |
| Graduated from 2-year school               | 11.18                                   | 11.18                               | 11.19                                                          | -0.01                  | -0.01                  |
| Attended college, no 4-year degree         | 11.44                                   | 11.43                               | 11.45                                                          | -0.01                  | -0.02                  |
| Graduated from college                     | 21.92                                   | 21.93                               | 21.93                                                          | -0.01                  | #                      |
| Completed Master's degree or equivalent    | 11.15                                   | 11.14                               | 11.12                                                          | 0.03 <sup>1</sup>      | 0.02                   |
| Completed PhD, MD, other advanced degree   | 5.28                                    | 5.28                                | 5.27                                                           | 0.01                   | 0.01                   |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                           | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|------------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                                    | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                                    | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Socioeconomic quarter              |                                                |                                      |                                                                       |                        |                        |
| Lowest SES quarter                 | 24.82                                          | 24.82                                | 24.83                                                                 | -0.01                  | -0.01                  |
| Second SES quarter                 | 25.40                                          | 25.40                                | 25.42                                                                 | -0.02                  | -0.02                  |
| Third SES quarter                  | 24.88                                          | 24.86                                | 24.86                                                                 | 0.02                   | #                      |
| Highest SES quarter                | 24.91                                          | 24.91                                | 24.89                                                                 | 0.02                   | 0.02                   |
| Student sex                        |                                                |                                      |                                                                       |                        |                        |
| Male                               | 49.17                                          | 49.15                                | 49.17                                                                 | #                      | -0.02                  |
| Female                             | 50.83                                          | 50.85                                | 50.83                                                                 | #                      | 0.02                   |
| Free or reduced-price lunch        |                                                |                                      |                                                                       |                        |                        |
| 0                                  | 8.05                                           | 8.05                                 | 8.04                                                                  | 0.01                   | 0.01                   |
| 1–10                               | 25.02                                          | 25.00                                | 25.04                                                                 | -0.02                  | -0.04                  |
| 11–30                              | 36.01                                          | 36.02                                | 36.01                                                                 | #                      | 0.01                   |
| Greater than 30                    | 30.93                                          | 30.94                                | 30.91                                                                 | 0.02                   | 0.03                   |
| Number of full-time teachers       |                                                |                                      |                                                                       |                        |                        |
| 1–40                               | 18.10                                          | 18.10                                | 18.14                                                                 | -0.04 <sup>1</sup>     | -0.04                  |
| 41–70                              | 23.38                                          | 23.39                                | 23.37                                                                 | 0.01                   | 0.02                   |
| 71–100                             | 30.23                                          | 30.21                                | 30.21                                                                 | 0.02                   | #                      |
| 101+                               | 28.30                                          | 28.30                                | 28.28                                                                 | 0.02                   | 0.02                   |
| Number of grades within the school |                                                |                                      |                                                                       |                        |                        |
| 4                                  | 79.72                                          | 79.71                                | 79.72                                                                 | #                      | -0.01                  |
| Less than or greater than 4        | 20.28                                          | 20.29                                | 20.28                                                                 | #                      | 0.01                   |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                                                            | After nonresponse<br>weight adjustment  | After poststratification adjustment |                                                                |                        |                        |
|---------------------------------------------------------------------|-----------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------|------------------------|
|                                                                     | Mean                                    | Means                               |                                                                | Difference             |                        |
|                                                                     | Respondents,<br>nonresponse<br>adjusted | Full sample,<br>base weighted       | Respondents, adjusted<br>for nonresponse and<br>poststratified | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
|                                                                     | (1)                                     | (2)                                 | (3)                                                            |                        |                        |
| Types of grades within the school                                   |                                         |                                     |                                                                |                        |                        |
| K–12, PreK–10th, 1st–12th, PreK/1st–9th/12th and<br>PreK–12 schools | 4.88                                    | 4.88                                | 4.89                                                           | -0.01                  | -0.01                  |
| Middle grades but no elementary                                     | 7.59                                    | 7.59                                | 7.58                                                           | 0.01                   | 0.01                   |
| Only high school                                                    | 87.53                                   | 87.53                               | 87.53                                                          | #                      | #                      |
| Hispanic or Latino 10th-grade enrollment percent                    |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 3 percent                                     | 37.87                                   | 37.85                               | 37.85                                                          | 0.02                   | #                      |
| Greater than 3 percent                                              | 62.13                                   | 62.15                               | 62.15                                                          | -0.02                  | #                      |
| IEP percentage                                                      |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 5 percent                                     | 26.31                                   | 26.31                               | 26.32                                                          | -0.01                  | -0.01                  |
| 6–10 percent                                                        | 32.95                                   | 32.93                               | 32.95                                                          | #                      | -0.02                  |
| 11–15 percent                                                       | 26.76                                   | 26.76                               | 26.76                                                          | #                      | #                      |
| Greater than 15 percent                                             | 13.99                                   | 13.99                               | 13.97                                                          | 0.02                   | 0.02                   |
| LEP percentage                                                      |                                         |                                     |                                                                |                        |                        |
| 0 percent                                                           | 34.05                                   | 34.06                               | 34.06                                                          | -0.01                  | #                      |
| 1 percent                                                           | 23.29                                   | 23.27                               | 23.31                                                          | -0.02                  | -0.04                  |
| 2–5 percent                                                         | 18.76                                   | 18.76                               | 18.76                                                          | #                      | #                      |
| Greater than 5 percent                                              | 23.90                                   | 23.90                               | 23.87                                                          | 0.03                   | 0.03                   |
| All other races 10th-grade enrollment percent                       |                                         |                                     |                                                                |                        |                        |
| Less than or equal to 80 percent                                    | 51.01                                   | 51.02                               | 51.02                                                          | -0.01                  | #                      |
| Greater than 80 percent                                             | 48.99                                   | 48.98                               | 48.98                                                          | 0.01                   | #                      |

See notes at end of table.

**Table H-6b. Nonresponse bias before and after weight adjustments for the sample using the F3F1 transcript weight, by selected categorical variables: 2012—Continued**

| Variable                      | After nonresponse<br>weight adjustment         | After poststratification adjustment  |                                                                       |                        |                        |
|-------------------------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------|------------------------|------------------------|
|                               | Mean                                           | Means                                |                                                                       | Difference             |                        |
|                               | Respondents,<br>nonresponse<br>adjusted<br>(1) | Full sample,<br>base weighted<br>(2) | Respondents, adjusted<br>for nonresponse and<br>poststratified<br>(3) | Mean (1) –<br>Mean (3) | Mean (2) –<br>Mean (3) |
| Number of part-time teachers  |                                                |                                      |                                                                       |                        |                        |
| 0–1                           | 31.07                                          | 31.08                                | 31.06                                                                 | 0.01                   | 0.02                   |
| 2–3                           | 28.80                                          | 28.81                                | 28.79                                                                 | 0.01                   | 0.02                   |
| 4–6                           | 21.65                                          | 21.66                                | 21.64                                                                 | 0.01                   | 0.02                   |
| 7+                            | 18.48                                          | 18.46                                | 18.51                                                                 | -0.03                  | -0.05                  |
| Full-time teachers certified  |                                                |                                      |                                                                       |                        |                        |
| 0–90 percent                  | 15.98                                          | 15.98                                | 15.97                                                                 | 0.01                   | 0.01                   |
| 91–99 percent                 | 20.23                                          | 20.24                                | 20.25                                                                 | -0.02                  | -0.01                  |
| 100 percent                   | 63.79                                          | 63.78                                | 63.78                                                                 | 0.01                   | #                      |
| Student race/ethnicity        |                                                |                                      |                                                                       |                        |                        |
| Hispanic or Latino            | 16.29                                          | 16.29                                | 16.29                                                                 | #                      | #                      |
| Asian                         | 4.20                                           | 4.20                                 | 4.20                                                                  | #                      | #                      |
| Black or African American     | 14.30                                          | 14.29                                | 14.30                                                                 | #                      | -0.01                  |
| All other races               | 65.21                                          | 65.22                                | 65.21                                                                 | #                      | 0.01                   |
| Number of days in school year |                                                |                                      |                                                                       |                        |                        |
| Less than 180 days            | 24.49                                          | 24.50                                | 24.46                                                                 | 0.03                   | 0.04                   |
| 180 days                      | 56.85                                          | 56.87                                | 56.89                                                                 | -0.04                  | -0.02                  |
| More than 180 days            | 18.66                                          | 18.64                                | 18.65                                                                 | 0.01                   | -0.01                  |

† Not applicable.

# Rounds to zero.

<sup>1</sup> Difference between means is significant at the 0.05 level.

## **Appendix I. Item Nonresponse**

---

*This page left intentionally blank.*

**Table I-1. Comparison of item respondents and nonrespondents for F3MOBILITYF1F2 (RESIDENTIAL MOBILITY: F1-V.-F2), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 103                       | 38                           | 0.97                      | 0.93                              | 1.11                                 | -0.04                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 1,305                     | 363                          | 4.33                      | 4.31                              | 4.42                                 | -0.02                          |
| Black or African American, non-Hispanic        | 1,679                     | 506                          | 14.19                     | 13.80                             | 15.55                                | -0.39                          |
| Hispanic, no race specified                    | 824                       | 275                          | 7.13                      | 6.76                              | 8.45                                 | -0.37                          |
| Hispanic, race specified                       | 1,014                     | 346                          | 9.10                      | 8.70                              | 10.55                                | -0.41                          |
| More than one race, non-Hispanic               | 591                       | 183                          | 4.27                      | 4.18                              | 4.59                                 | -0.09                          |
| White, non-Hispanic                            | 7,458                     | 1,667                        | 60.00                     | 61.33                             | 55.32                                | 1.32 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 6,223                     | 1,955                        | 50.35                     | 47.77                             | 59.47                                | -2.58 *                        |
| Female                                         | 6,751                     | 1,423                        | 49.65                     | 52.23                             | 40.53                                | 2.58 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 10,050                    | 2,823                        | 92.49                     | 91.98                             | 94.28                                | -0.51 *                        |
| Catholic school                                | 1,713                     | 276                          | 4.14                      | 4.59                              | 2.58                                 | 0.44 *                         |
| Other private school                           | 1,211                     | 279                          | 3.37                      | 3.43                              | 3.14                                 | 0.06                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,991                     | 1,515                        | 84.77                     | 86.96                             | 73.74                                | 2.19 *                         |
| No                                             | 1,238                     | 502                          | 15.23                     | 13.04                             | 26.26                                | -2.19 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-2. Comparison of item respondents and nonrespondents for F3A19 (TOTAL AMOUNT BORROWED IN STUDENT LOANS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 35                        | 40                           | 0.89                      | 0.78                              | 1.06                                 | -0.11                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 613                       | 432                          | 4.45                      | 4.42                              | 4.50                                 | -0.03                          |
| Black or African American, non-Hispanic        | 862                       | 624                          | 15.35                     | 14.31                             | 16.96                                | -1.04                          |
| Hispanic, no race specified                    | 316                       | 291                          | 6.70                      | 5.61                              | 8.39                                 | -1.09 *                        |
| Hispanic, race specified                       | 407                       | 398                          | 8.80                      | 6.86                              | 11.80                                | -1.94 *                        |
| More than one race, non-Hispanic               | 262                       | 194                          | 4.16                      | 3.52                              | 5.14                                 | -0.63 *                        |
| White, non-Hispanic                            | 3,638                     | 1,847                        | 59.66                     | 64.50                             | 52.14                                | 4.84 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 2,567                     | 2,180                        | 48.03                     | 41.79                             | 57.70                                | -6.23 *                        |
| Female                                         | 3,566                     | 1,646                        | 51.97                     | 58.21                             | 42.30                                | 6.23 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 4,622                     | 3,216                        | 92.57                     | 91.27                             | 94.59                                | -1.30 *                        |
| Catholic school                                | 954                       | 359                          | 4.43                      | 5.29                              | 3.09                                 | 0.86 *                         |
| Other private school                           | 557                       | 251                          | 3.00                      | 3.44                              | 2.32                                 | 0.44 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 6,133                     | 1,179                        | 100.0                     | 100.0                             | 100.0                                | 0.00 *                         |
| No                                             | +                         | +                            | 0.00                      | 0.00                              | 0.00                                 | 0.00 *                         |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-3. Comparison of item respondents and nonrespondents for F3STLOANAMT (TOTAL AMOUNT BORROWED IN STUDENT LOANS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 35                        | 40                           | 0.89                      | 0.78                              | 1.06                                 | -0.11                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 613                       | 432                          | 4.45                      | 4.42                              | 4.50                                 | -0.03                          |
| Black or African American, non-Hispanic        | 862                       | 624                          | 15.35                     | 14.31                             | 16.96                                | -1.04                          |
| Hispanic, no race specified                    | 316                       | 291                          | 6.70                      | 5.61                              | 8.39                                 | -1.09 *                        |
| Hispanic, race specified                       | 407                       | 398                          | 8.80                      | 6.86                              | 11.80                                | -1.94 *                        |
| More than one race, non-Hispanic               | 262                       | 194                          | 4.16                      | 3.52                              | 5.14                                 | -0.63 *                        |
| White, non-Hispanic                            | 3,638                     | 1,847                        | 59.66                     | 64.50                             | 52.14                                | 4.84 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 2,567                     | 2,180                        | 48.03                     | 41.79                             | 57.70                                | -6.23 *                        |
| Female                                         | 3,566                     | 1,646                        | 51.97                     | 58.21                             | 42.30                                | 6.23 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 4,622                     | 3,216                        | 92.57                     | 91.27                             | 94.59                                | -1.30 *                        |
| Catholic school                                | 954                       | 359                          | 4.43                      | 5.29                              | 3.09                                 | 0.86 *                         |
| Other private school                           | 557                       | 251                          | 3.00                      | 3.44                              | 2.32                                 | 0.44 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 6,133                     | 1,179                        | 100.0                     | 100.0                             | 100.0                                | 0.00 *                         |
| No                                             | +                         | +                            | 0.00                      | 0.00                              | 0.00                                 | 0.00 *                         |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-4. Comparison of item respondents and nonrespondents for F3ALLINC2011 (2011 INCOME FROM ALL SOURCES), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 85                        | 52                           | 0.96                      | 0.88                              | 1.15                                 | -0.08                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 1,046                     | 551                          | 4.22                      | 4.16                              | 4.35                                 | -0.06                          |
| Black or African American, non-Hispanic        | 1,319                     | 803                          | 14.17                     | 12.92                             | 16.89                                | -1.25 *                        |
| Hispanic, no race specified                    | 682                       | 386                          | 7.15                      | 6.44                              | 8.70                                 | -0.71 *                        |
| Hispanic, race specified                       | 784                       | 527                          | 9.08                      | 7.69                              | 12.10                                | -1.39 *                        |
| More than one race, non-Hispanic               | 508                       | 243                          | 4.27                      | 3.95                              | 4.96                                 | -0.32                          |
| White, non-Hispanic                            | 6,550                     | 2,357                        | 60.16                     | 63.98                             | 51.85                                | 3.82 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 5,139                     | 2,700                        | 49.70                     | 47.06                             | 55.46                                | -2.64 *                        |
| Female                                         | 5,835                     | 2,219                        | 50.30                     | 52.94                             | 44.54                                | 2.64 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 8,403                     | 4,119                        | 92.49                     | 91.62                             | 94.39                                | -0.87 *                        |
| Catholic school                                | 1,484                     | 461                          | 4.18                      | 4.68                              | 3.08                                 | 0.50 *                         |
| Other private school                           | 1,087                     | 339                          | 3.33                      | 3.70                              | 2.53                                 | 0.37 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,669                     | 1,837                        | 84.77                     | 86.13                             | 78.23                                | 1.36 *                         |
| No                                             | 1,304                     | 436                          | 15.23                     | 13.87                             | 21.77                                | -1.36 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-5. Comparison of item respondents and nonrespondents for F3PARAGE (AGE AT WHICH RESPONDENT FIRST HAD A CHILD), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 44                        | 39                           | 1.27                      | 1.32                              | 1.22                                 | 0.05                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 147                       | 362                          | 2.99                      | 1.84                              | 4.21                                 | -1.15 *                        |
| Black or African American, non-Hispanic        | 642                       | 577                          | 18.31                     | 19.11                             | 17.46                                | 0.80                           |
| Hispanic, no race specified                    | 307                       | 283                          | 9.28                      | 9.03                              | 9.53                                 | -0.24                          |
| Hispanic, race specified                       | 310                       | 381                          | 11.24                     | 9.93                              | 12.64                                | -1.32                          |
| More than one race, non-Hispanic               | 167                       | 175                          | 4.76                      | 4.23                              | 5.31                                 | -0.52                          |
| White, non-Hispanic                            | 1,861                     | 1,559                        | 52.15                     | 54.53                             | 49.62                                | 2.38 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 1,224                     | 1,923                        | 46.30                     | 35.87                             | 57.38                                | -10.43 *                       |
| Female                                         | 2,254                     | 1,453                        | 53.70                     | 64.13                             | 42.62                                | 10.43 *                        |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 3,025                     | 2,904                        | 95.20                     | 95.39                             | 94.99                                | 0.19                           |
| Catholic school                                | 209                       | 260                          | 2.08                      | 1.69                              | 2.48                                 | -0.38 *                        |
| Other private school                           | 244                       | 212                          | 2.73                      | 2.92                              | 2.52                                 | 0.19                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 2,679                     | 527                          | 74.52                     | 75.68                             | 68.88                                | 1.15 *                         |
| No                                             | 798                       | 205                          | 25.48                     | 24.32                             | 31.12                                | -1.15 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-6. Comparison of item respondents and nonrespondents for F3A07 (PROGRAM THROUGH WHICH GED/EQUIVALENCY WAS EARNED), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.15                              | 1.15                                 | 1.83                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 16                        | 290                          | 4.23                      | 6.05                              | 4.06                                 | 1.82                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.28                             | 16.11                                | 4.73                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.37                             | 8.43                                 | 5.42                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 8.98                              | 12.69                                | -3.38                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.63                              | 5.33                                 | -0.64                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.54                             | 52.23                                | -9.77                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.50                             | 60.24                                | -3.41                          |
| Female                                         | 95                        | 1,093                        | 40.08                     | 43.50                             | 39.76                                | 3.41                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 198                       | 2,302                        | 94.88                     | 93.41                             | 95.02                                | -1.47                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.11                              | 2.41                                 | 3.38                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 123                       | +                            | 53.42                     | 51.91                             | 60.61                                | -1.50                          |
| No                                             | 86                        | +                            | 46.58                     | 48.09                             | 39.39                                | 1.50                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-7. Comparison of item respondents and nonrespondents for F3A09B (COMPLETED GED TO TRAIN FOR A NEW JOB/CAREER), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.15                              | 1.15                                 | 1.83                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 16                        | 290                          | 4.23                      | 6.05                              | 4.06                                 | 1.82                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.28                             | 16.11                                | 4.73                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.37                             | 8.43                                 | 5.42                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 8.98                              | 12.69                                | -3.38                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.63                              | 5.33                                 | -0.64                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.54                             | 52.23                                | -9.77                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.50                             | 60.24                                | -3.41                          |
| Female                                         | 95                        | 1,093                        | 40.08                     | 43.50                             | 39.76                                | 3.41                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 198                       | 2,302                        | 94.88                     | 93.41                             | 95.02                                | -1.47                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.11                              | 2.41                                 | 3.38                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 123                       | +                            | 53.42                     | 51.91                             | 60.61                                | -1.50                          |
| No                                             | 86                        | +                            | 46.58                     | 48.09                             | 39.39                                | 1.50                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-8. Comparison of item respondents and nonrespondents for F3A09D (COMPLETED GED TO MEET REQUIREMENTS FOR ADDITIONAL STUDY), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.15                              | 1.15                                 | 1.83                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 16                        | 290                          | 4.23                      | 6.05                              | 4.06                                 | 1.82                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.28                             | 16.11                                | 4.73                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.37                             | 8.43                                 | 5.42                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 8.98                              | 12.69                                | -3.38                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.63                              | 5.33                                 | -0.64                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.54                             | 52.23                                | -9.77                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.50                             | 60.24                                | -3.41                          |
| Female                                         | 95                        | 1,093                        | 40.08                     | 43.50                             | 39.76                                | 3.41                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 198                       | 2,302                        | 94.88                     | 93.41                             | 95.02                                | -1.47                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.11                              | 2.41                                 | 3.38                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 123                       | +                            | 53.42                     | 51.91                             | 60.61                                | -1.50                          |
| No                                             | 86                        | +                            | 46.58                     | 48.09                             | 39.39                                | 1.50                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-9. Comparison of item respondents and nonrespondents for F3D22 (SPOUSE/PARTNERS 2011 EMPLOYMENT EARNINGS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 52                        | 46                           | 1.23                      | 1.17                              | 1.31                                 | -0.06                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 368                       | 402                          | 3.29                      | 2.79                              | 4.00                                 | -0.50 *                        |
| Black or African American, non-Hispanic        | 446                       | 595                          | 11.85                     | 8.85                              | 16.11                                | -3.00 *                        |
| Hispanic, no race specified                    | 354                       | 297                          | 7.46                      | 6.62                              | 8.66                                 | -0.84                          |
| Hispanic, race specified                       | 367                       | 426                          | 9.41                      | 7.18                              | 12.59                                | -2.24 *                        |
| More than one race, non-Hispanic               | 237                       | 192                          | 4.22                      | 3.67                              | 5.02                                 | -0.56                          |
| White, non-Hispanic                            | 3,581                     | 1,869                        | 62.53                     | 69.71                             | 52.31                                | 7.18 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 2,271                     | 2,131                        | 48.38                     | 42.93                             | 56.13                                | -5.44 *                        |
| Female                                         | 3,134                     | 1,696                        | 51.62                     | 57.07                             | 43.87                                | 5.44 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 4,265                     | 3,261                        | 93.38                     | 92.45                             | 94.71                                | -0.94 *                        |
| Catholic school                                | 607                       | 319                          | 3.31                      | 3.71                              | 2.74                                 | 0.40 *                         |
| Other private school                           | 533                       | 247                          | 3.31                      | 3.85                              | 2.55                                 | 0.54                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 4,677                     | 935                          | 83.55                     | 84.96                             | 76.97                                | 1.41 *                         |
| No                                             | 727                       | 247                          | 16.45                     | 15.04                             | 23.03                                | -1.41 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-10. Comparison of item respondents and nonrespondents for F3SPERN2011 (2011 EMPLOYMENT INCOME: SPOUSE/PARTNER ONLY), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 52                        | 46                           | 1.23                      | 1.17                              | 1.31                                 | -0.06                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 368                       | 402                          | 3.29                      | 2.79                              | 4.00                                 | -0.50 *                        |
| Black or African American, non-Hispanic        | 446                       | 595                          | 11.85                     | 8.85                              | 16.11                                | -3.00 *                        |
| Hispanic, no race specified                    | 354                       | 297                          | 7.46                      | 6.62                              | 8.66                                 | -0.84                          |
| Hispanic, race specified                       | 367                       | 426                          | 9.41                      | 7.18                              | 12.59                                | -2.24 *                        |
| More than one race, non-Hispanic               | 237                       | 192                          | 4.22                      | 3.67                              | 5.02                                 | -0.56                          |
| White, non-Hispanic                            | 3,581                     | 1,869                        | 62.53                     | 69.71                             | 52.31                                | 7.18 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 2,271                     | 2,131                        | 48.38                     | 42.93                             | 56.13                                | -5.44 *                        |
| Female                                         | 3,134                     | 1,696                        | 51.62                     | 57.07                             | 43.87                                | 5.44 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 4,265                     | 3,261                        | 93.38                     | 92.45                             | 94.71                                | -0.94 *                        |
| Catholic school                                | 607                       | 319                          | 3.31                      | 3.71                              | 2.74                                 | 0.40 *                         |
| Other private school                           | 533                       | 247                          | 3.31                      | 3.85                              | 2.55                                 | 0.54                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 4,677                     | 935                          | 83.55                     | 84.96                             | 76.97                                | 1.41 *                         |
| No                                             | 727                       | 247                          | 16.45                     | 15.04                             | 23.03                                | -1.41 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-11. Comparison of item respondents and nonrespondents for F3A10 (WHETHER CURRENTLY WORKING TOWARDS A GED/EQUIVALENT), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 10                        | 30                           | 1.39                      | 2.95                              | 1.17                                 | 1.56                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 19                        | 292                          | 3.76                      | 1.58                              | 4.07                                 | -2.18 *                        |
| Black or African American, non-Hispanic        | 86                        | 439                          | 17.10                     | 23.13                             | 16.25                                | 6.03 *                         |
| Hispanic, no race specified                    | 54                        | 213                          | 9.39                      | 15.53                             | 8.53                                 | 6.14 *                         |
| Hispanic, race specified                       | 57                        | 311                          | 13.42                     | 17.91                             | 12.79                                | 4.49                           |
| More than one race, non-Hispanic               | 22                        | 135                          | 5.03                      | 4.52                              | 5.11                                 | -0.51                          |
| White, non-Hispanic                            | 119                       | 1,304                        | 49.90                     | 34.38                             | 52.08                                | -15.53 *                       |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 196                       | 1,612                        | 58.85                     | 52.91                             | 59.68                                | -5.94 *                        |
| Female                                         | 171                       | 1,112                        | 41.15                     | 47.09                             | 40.32                                | 5.94 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 350                       | 2,338                        | 95.62                     | 99.21                             | 95.12                                | 3.59 *                         |
| Catholic school                                | 3                         | 211                          | 2.27                      | 0.32                              | 2.55                                 | -1.96 *                        |
| Other private school                           | 14                        | 175                          | 2.11                      | 0.48                              | 2.34                                 | -1.63 *                        |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 73                        | +                            | 20.86                     | 21.82                             | 16.75                                | 0.96                           |
| No                                             | 293                       | 63                           | 79.14                     | 78.18                             | 83.25                                | -0.96                          |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-12. Comparison of item respondents and nonrespondents for F3A08 (STATE IN WHICH GED/EQUIVALENCY WAS EARNED), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 8                         | +                            | 1.32                      | 2.26                              | 1.17                                 | 0.94                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 30                        | 276                          | 4.23                      | 4.72                              | 4.15                                 | 0.49                           |
| Black or African American, non-Hispanic        | 54                        | 414                          | 16.56                     | 16.52                             | 16.56                                | -0.03                          |
| Hispanic, no race specified                    | 40                        | 190                          | 8.95                      | 12.16                             | 8.41                                 | 3.21                           |
| Hispanic, race specified                       | 31                        | 291                          | 12.37                     | 8.51                              | 13.00                                | -3.85                          |
| More than one race, non-Hispanic               | 17                        | 132                          | 5.27                      | 3.75                              | 5.53                                 | -1.53                          |
| White, non-Hispanic                            | 183                       | 1,204                        | 51.30                     | 52.08                             | 51.18                                | 0.78                           |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 202                       | 1,508                        | 59.92                     | 58.84                             | 60.09                                | -1.08                          |
| Female                                         | 161                       | 1,027                        | 40.08                     | 41.16                             | 39.91                                | 1.08                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 324                       | 2,176                        | 94.88                     | 93.64                             | 95.08                                | -1.24                          |
| Catholic school                                | 20                        | 194                          | 2.39                      | 1.86                              | 2.47                                 | -0.52                          |
| Other private school                           | 19                        | 165                          | 2.73                      | 4.49                              | 2.44                                 | 1.76                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 122                       | +                            | 53.42                     | 51.64                             | 61.64                                | -1.77                          |
| No                                             | 86                        | +                            | 46.58                     | 48.36                             | 38.36                                | 1.77                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at  $p < .05$ .

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-13. Comparison of item respondents and nonrespondents for F3A09A (COMPLETED GED TO IMPROVE/ADVANCE/KEEP UP TO DATE ON CURRENT JOB), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.16                              | 1.15                                 | 1.84                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 16                        | 290                          | 4.23                      | 6.07                              | 4.06                                 | 1.84                           |
| Black or African American, non-Hispanic        | 37                        | 431                          | 16.56                     | 21.04                             | 16.13                                | 4.48                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.41                             | 8.43                                 | 5.47                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 9.01                              | 12.68                                | -3.36                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.65                              | 5.33                                 | -0.63                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.66                             | 52.21                                | -9.64                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.68                             | 60.22                                | -3.24                          |
| Female                                         | 94                        | 1,094                        | 40.08                     | 43.32                             | 39.78                                | 3.24                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 197                       | 2,303                        | 94.88                     | 93.39                             | 95.02                                | -1.49                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.13                              | 2.41                                 | 3.39                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 122                       | +                            | 53.42                     | 51.77                             | 61.19                                | -1.65                          |
| No                                             | 86                        | +                            | 46.58                     | 48.23                             | 38.81                                | 1.65                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-14. Comparison of item respondents and nonrespondents for F3A09E (COMPLETED GED B/C REQUIRED OR ENCOURAGED BY EMPLOYER), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.16                              | 1.15                                 | 1.83                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 15                        | 291                          | 4.23                      | 5.87                              | 4.08                                 | 1.64                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.32                             | 16.10                                | 4.77                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.40                             | 8.43                                 | 5.45                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 9.00                              | 12.68                                | -3.37                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.64                              | 5.33                                 | -0.63                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.61                             | 52.22                                | -9.69                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.61                             | 60.23                                | -3.31                          |
| Female                                         | 94                        | 1,094                        | 40.08                     | 43.39                             | 39.77                                | 3.31                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 197                       | 2,303                        | 94.88                     | 93.40                             | 95.02                                | -1.48                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.12                              | 2.41                                 | 3.39                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 122                       | +                            | 53.42                     | 51.82                             | 60.97                                | -1.59                          |
| No                                             | 86                        | +                            | 46.58                     | 48.18                             | 39.03                                | 1.59                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-15. Comparison of item respondents and nonrespondents for F3A09F (COMPLETED GED FOR PERSONAL OR FAMILY OR SOCIAL REASONS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.16                              | 1.15                                 | 1.84                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 16                        | 290                          | 4.23                      | 6.06                              | 4.06                                 | 1.83                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.33                             | 16.10                                | 4.77                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.40                             | 8.43                                 | 5.45                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 9.00                              | 12.68                                | -3.36                          |
| More than one race, non-Hispanic               | 11                        | 138                          | 5.27                      | 4.64                              | 5.33                                 | -0.63                          |
| White, non-Hispanic                            | 91                        | 1,296                        | 51.30                     | 41.41                             | 52.24                                | -9.90                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 114                       | 1,596                        | 59.92                     | 56.62                             | 60.23                                | -3.29                          |
| Female                                         | 94                        | 1,094                        | 40.08                     | 43.38                             | 39.77                                | 3.29                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 197                       | 2,303                        | 94.88                     | 93.40                             | 95.02                                | -1.48                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.12                              | 2.41                                 | 3.39                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 122                       | +                            | 53.42                     | 51.81                             | 61.02                                | -1.61                          |
| No                                             | 86                        | +                            | 46.58                     | 48.19                             | 38.98                                | 1.61                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-16. Comparison of item respondents and nonrespondents for F3OCC30F1VF3 (CHANGE/STABILITY IN OCCUPATIONAL EXPECTATIONS: F1-V-F3), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 97                        | 44                           | 0.97                      | 0.93                              | 1.07                                 | -0.04                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 1,212                     | 456                          | 4.33                      | 4.39                              | 4.20                                 | 0.06                           |
| Black or African American, non-Hispanic        | 1,410                     | 775                          | 14.19                     | 12.80                             | 17.59                                | -1.39 *                        |
| Hispanic, no race specified                    | 773                       | 326                          | 7.13                      | 6.74                              | 8.11                                 | -0.40                          |
| Hispanic, race specified                       | 904                       | 456                          | 9.10                      | 8.55                              | 10.46                                | -0.55 *                        |
| More than one race, non-Hispanic               | 514                       | 260                          | 4.27                      | 4.14                              | 4.58                                 | -0.13                          |
| White, non-Hispanic                            | 6,760                     | 2,365                        | 60.00                     | 62.45                             | 54.00                                | 2.45 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 5,849                     | 2,329                        | 50.35                     | 50.18                             | 50.77                                | -0.17                          |
| Female                                         | 5,821                     | 2,353                        | 49.65                     | 49.82                             | 49.23                                | 0.17                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 8,999                     | 3,874                        | 92.49                     | 91.93                             | 93.86                                | -0.56 *                        |
| Catholic school                                | 1,528                     | 461                          | 4.14                      | 4.54                              | 3.18                                 | 0.40 *                         |
| Other private school                           | 1,143                     | 347                          | 3.37                      | 3.53                              | 2.97                                 | 0.16                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,434                     | 2,072                        | 84.77                     | 85.38                             | 82.12                                | 0.61 *                         |
| No                                             | 1,362                     | 378                          | 15.23                     | 14.62                             | 17.88                                | -0.61 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-17. Comparison of item respondents and nonrespondents for F3A09C (COMPLETED GED TO IMPROVE BASIC READING/WRITING/MATH SKILLS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | +                            | 1.32                      | 3.17                              | 1.15                                 | 1.85                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 15                        | 291                          | 4.23                      | 5.90                              | 4.08                                 | 1.66                           |
| Black or African American, non-Hispanic        | 38                        | 430                          | 16.56                     | 21.41                             | 16.10                                | 4.86                           |
| Hispanic, no race specified                    | 26                        | 204                          | 8.95                      | 14.46                             | 8.43                                 | 5.51                           |
| Hispanic, race specified                       | 19                        | 303                          | 12.37                     | 9.04                              | 12.68                                | -3.33                          |
| More than one race, non-Hispanic               | 10                        | 139                          | 5.27                      | 4.24                              | 5.37                                 | -1.03                          |
| White, non-Hispanic                            | 92                        | 1,295                        | 51.30                     | 41.79                             | 52.20                                | -9.52                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 113                       | 1,597                        | 59.92                     | 56.43                             | 60.24                                | -3.49                          |
| Female                                         | 94                        | 1,094                        | 40.08                     | 43.57                             | 39.76                                | 3.49                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 196                       | 2,304                        | 94.88                     | 93.37                             | 95.02                                | -1.51                          |
| Catholic school                                | 4                         | 210                          | 2.39                      | 0.48                              | 2.57                                 | -1.91 *                        |
| Other private school                           | 7                         | 177                          | 2.73                      | 6.15                              | 2.41                                 | 3.41                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 121                       | 30                           | 53.42                     | 51.62                             | 61.72                                | -1.80                          |
| No                                             | 86                        | +                            | 46.58                     | 48.38                             | 38.28                                | 1.80                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-18. Comparison of item respondents and nonrespondents for F3DEBTALL2011 (DEBT/INCOME RATIO: CURRENT DEBT TO 2011 INCOME FROM ALL SOURCES), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 79                        | 53                           | 0.97                      | 0.87                              | 1.16                                 | -0.09                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 954                       | 564                          | 4.13                      | 4.04                              | 4.32                                 | -0.09                          |
| Black or African American, non-Hispanic        | 1,222                     | 820                          | 14.01                     | 12.61                             | 16.84                                | -1.40 *                        |
| Hispanic, no race specified                    | 643                       | 394                          | 7.08                      | 6.31                              | 8.63                                 | -0.77 *                        |
| Hispanic, race specified                       | 730                       | 541                          | 9.02                      | 7.49                              | 12.09                                | -1.52 *                        |
| More than one race, non-Hispanic               | 474                       | 246                          | 4.17                      | 3.83                              | 4.86                                 | -0.34                          |
| White, non-Hispanic                            | 6,316                     | 2,434                        | 60.62                     | 64.84                             | 52.09                                | 4.22 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,861                     | 2,750                        | 49.66                     | 47.03                             | 54.96                                | -2.63 *                        |
| Female                                         | 5,557                     | 2,302                        | 50.34                     | 52.97                             | 45.04                                | 2.63 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 7,940                     | 4,225                        | 92.43                     | 91.49                             | 94.34                                | -0.94 *                        |
| Catholic school                                | 1,432                     | 475                          | 4.20                      | 4.75                              | 3.10                                 | 0.55 *                         |
| Other private school                           | 1,046                     | 352                          | 3.36                      | 3.76                              | 2.56                                 | 0.40 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,245                     | 1,942                        | 85.19                     | 86.80                             | 78.18                                | 1.61 *                         |
| No                                             | 1,172                     | 464                          | 14.81                     | 13.20                             | 21.82                                | -1.61 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-19. Comparison of item respondents and nonrespondents for F3OCC302 (WHAT JOB FOR PAY OR OCCUPATION DO YOU PLAN TO HAVE WHEN YOU ARE AGE 30? - 2 DIGIT CODE), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 78                        | 58                           | 0.95                      | 0.85                              | 1.12                                 | -0.09                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 994                       | 593                          | 4.25                      | 4.23                              | 4.29                                 | -0.02                          |
| Black or African American, non-Hispanic        | 1,371                     | 739                          | 14.26                     | 14.40                             | 14.00                                | 0.14                           |
| Hispanic, no race specified                    | 646                       | 418                          | 7.22                      | 6.55                              | 8.45                                 | -0.68 *                        |
| Hispanic, race specified                       | 790                       | 511                          | 9.14                      | 8.44                              | 10.40                                | -0.70 *                        |
| More than one race, non-Hispanic               | 467                       | 270                          | 4.25                      | 4.01                              | 4.69                                 | -0.24                          |
| White, non-Hispanic                            | 5,881                     | 2,876                        | 59.94                     | 61.53                             | 57.05                                | 1.59 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,879                     | 2,923                        | 50.08                     | 48.10                             | 53.67                                | -1.98 *                        |
| Female                                         | 5,348                     | 2,542                        | 49.92                     | 51.90                             | 46.33                                | 1.98 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 7,865                     | 4,507                        | 92.55                     | 91.85                             | 93.81                                | -0.69 *                        |
| Catholic school                                | 1,385                     | 542                          | 4.19                      | 4.65                              | 3.35                                 | 0.46 *                         |
| Other private school                           | 977                       | 416                          | 3.27                      | 3.50                              | 2.85                                 | 0.23                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,037                     | 2,306                        | 84.87                     | 86.66                             | 78.47                                | 1.79 *                         |
| No                                             | 1,189                     | 513                          | 15.13                     | 13.34                             | 21.53                                | -1.79 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-20. Comparison of item respondents and nonrespondents for F3OCC306 (WHAT JOB FOR PAY OR OCCUPATION DO YOU PLAN TO HAVE WHEN YOU ARE AGE 30? - 6 DIGIT CODE), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 78                        | 58                           | 0.95                      | 0.86                              | 1.11                                 | -0.09                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 993                       | 594                          | 4.25                      | 4.23                              | 4.29                                 | -0.02                          |
| Black or African American, non-Hispanic        | 1,371                     | 739                          | 14.26                     | 14.41                             | 13.98                                | 0.16                           |
| Hispanic, no race specified                    | 646                       | 418                          | 7.22                      | 6.55                              | 8.44                                 | -0.67 *                        |
| Hispanic, race specified                       | 789                       | 512                          | 9.14                      | 8.44                              | 10.39                                | -0.69 *                        |
| More than one race, non-Hispanic               | 466                       | 271                          | 4.25                      | 3.99                              | 4.72                                 | -0.26                          |
| White, non-Hispanic                            | 5,875                     | 2,882                        | 59.94                     | 61.52                             | 57.07                                | 1.58 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,876                     | 2,926                        | 50.08                     | 48.12                             | 53.62                                | -1.96 *                        |
| Female                                         | 5,342                     | 2,548                        | 49.92                     | 51.88                             | 46.38                                | 1.96 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 7,861                     | 4,511                        | 92.55                     | 91.88                             | 93.76                                | -0.67 *                        |
| Catholic school                                | 1,382                     | 545                          | 4.19                      | 4.65                              | 3.36                                 | 0.46 *                         |
| Other private school                           | 975                       | 418                          | 3.27                      | 3.48                              | 2.89                                 | 0.21                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 9,029                     | 2,314                        | 84.87                     | 86.65                             | 78.51                                | 1.79 *                         |
| No                                             | 1,188                     | 514                          | 15.13                     | 13.35                             | 21.49                                | -1.79 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-21. Comparison of item respondents and nonrespondents for F3D42 (FREQUENCY OF VOLUNTEER SERVICE), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 25                        | 43                           | 0.81                      | 0.50                              | 1.14                                 | -0.30                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 519                       | 452                          | 4.51                      | 4.56                              | 4.44                                 | 0.06                           |
| Black or African American, non-Hispanic        | 596                       | 678                          | 14.92                     | 13.03                             | 17.02                                | -1.89 *                        |
| Hispanic, no race specified                    | 243                       | 315                          | 6.88                      | 5.23                              | 8.73                                 | -1.66 *                        |
| Hispanic, race specified                       | 287                       | 441                          | 8.99                      | 6.06                              | 12.26                                | -2.94 *                        |
| More than one race, non-Hispanic               | 223                       | 205                          | 4.48                      | 3.95                              | 5.08                                 | -0.54                          |
| White, non-Hispanic                            | 3,039                     | 1,922                        | 59.41                     | 66.68                             | 51.33                                | 7.27 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 2,093                     | 2,346                        | 50.27                     | 42.87                             | 58.51                                | -7.40 *                        |
| Female                                         | 2,839                     | 1,710                        | 49.73                     | 57.13                             | 41.49                                | 7.40 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 3,566                     | 3,429                        | 91.81                     | 89.32                             | 94.57                                | -2.48 *                        |
| Catholic school                                | 746                       | 363                          | 4.30                      | 5.54                              | 2.93                                 | 1.24 *                         |
| Other private school                           | 620                       | 264                          | 3.89                      | 5.14                              | 2.50                                 | 1.25 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 4,622                     | 1,118                        | 88.45                     | 92.28                             | 75.97                                | 3.83 *                         |
| No                                             | 309                       | 294                          | 11.55                     | 7.72                              | 24.03                                | -3.83 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-22. Comparison of item respondents and nonrespondents for F3OCC30BYVF3 (CHANGE/STABILITY IN OCCUPATIONAL EXPECTATIONS: BY-V-F3), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 97                        | 44                           | 0.97                      | 0.93                              | 1.05                                 | -0.04                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 1,092                     | 576                          | 4.33                      | 4.01                              | 4.94                                 | -0.32                          |
| Black or African American, non-Hispanic        | 1,283                     | 902                          | 14.19                     | 12.15                             | 18.12                                | -2.04 *                        |
| Hispanic, no race specified                    | 734                       | 365                          | 7.13                      | 6.94                              | 7.50                                 | -0.19                          |
| Hispanic, race specified                       | 842                       | 518                          | 9.10                      | 8.24                              | 10.78                                | -0.87 *                        |
| More than one race, non-Hispanic               | 525                       | 249                          | 4.27                      | 4.18                              | 4.43                                 | -0.08                          |
| White, non-Hispanic                            | 6,643                     | 2,482                        | 60.00                     | 63.54                             | 53.17                                | 3.54 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 5,517                     | 2,661                        | 50.35                     | 49.38                             | 52.22                                | -0.97 *                        |
| Female                                         | 5,699                     | 2,475                        | 49.65                     | 50.62                             | 47.78                                | 0.97 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 8,674                     | 4,199                        | 92.49                     | 91.58                             | 94.23                                | -0.90 *                        |
| Catholic school                                | 1,489                     | 500                          | 4.14                      | 4.71                              | 3.05                                 | 0.57 *                         |
| Other private school                           | 1,053                     | 437                          | 3.37                      | 3.70                              | 2.71                                 | 0.34 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 8,958                     | 2,548                        | 84.77                     | 85.07                             | 83.87                                | 0.30                           |
| No                                             | 1,320                     | 420                          | 15.23                     | 14.93                             | 16.13                                | -0.30                          |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-23. Comparison of item respondents and nonrespondents for F3ONET2AGE30 (2-DIGIT ONET CODE FOR EXPECTED AGE-30 OCCUPATION), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 78                        | 58                           | 0.95                      | 0.86                              | 1.09                                 | -0.08                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 981                       | 606                          | 4.25                      | 4.22                              | 4.31                                 | -0.03                          |
| Black or African American, non-Hispanic        | 1,361                     | 749                          | 14.26                     | 14.48                             | 13.86                                | 0.22                           |
| Hispanic, no race specified                    | 640                       | 424                          | 7.22                      | 6.56                              | 8.39                                 | -0.67 *                        |
| Hispanic, race specified                       | 779                       | 522                          | 9.14                      | 8.44                              | 10.36                                | -0.70 *                        |
| More than one race, non-Hispanic               | 460                       | 277                          | 4.25                      | 4.01                              | 4.67                                 | -0.24                          |
| White, non-Hispanic                            | 5,798                     | 2,959                        | 59.94                     | 61.43                             | 57.31                                | 1.50 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,813                     | 2,989                        | 50.08                     | 48.10                             | 53.56                                | -1.98 *                        |
| Female                                         | 5,284                     | 2,606                        | 49.92                     | 51.90                             | 46.44                                | 1.98 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 7,766                     | 4,606                        | 92.55                     | 91.88                             | 93.72                                | -0.67 *                        |
| Catholic school                                | 1,365                     | 562                          | 4.19                      | 4.63                              | 3.41                                 | 0.44 *                         |
| Other private school                           | 966                       | 427                          | 3.27                      | 3.49                              | 2.87                                 | 0.22                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 8,941                     | 2,402                        | 84.87                     | 86.83                             | 78.21                                | 1.96 *                         |
| No                                             | 1,155                     | 547                          | 15.13                     | 13.17                             | 21.79                                | -1.96 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-24. Comparison of item respondents and nonrespondents for F3ONET6AGE30 (6-DIGIT ONET CODE FOR EXPECTED AGE-30 OCCUPATION), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 78                        | 58                           | 0.95                      | 0.87                              | 1.09                                 | -0.08                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 980                       | 607                          | 4.25                      | 4.22                              | 4.31                                 | -0.03                          |
| Black or African American, non-Hispanic        | 1,361                     | 749                          | 14.26                     | 14.49                             | 13.84                                | 0.23                           |
| Hispanic, no race specified                    | 640                       | 424                          | 7.22                      | 6.56                              | 8.38                                 | -0.66 *                        |
| Hispanic, race specified                       | 778                       | 523                          | 9.14                      | 8.44                              | 10.35                                | -0.69 *                        |
| More than one race, non-Hispanic               | 459                       | 278                          | 4.25                      | 4.00                              | 4.70                                 | -0.25                          |
| White, non-Hispanic                            | 5,792                     | 2,965                        | 59.94                     | 61.42                             | 57.33                                | 1.49 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,810                     | 2,992                        | 50.08                     | 48.12                             | 53.52                                | -1.96 *                        |
| Female                                         | 5,278                     | 2,612                        | 49.92                     | 51.88                             | 46.48                                | 1.96 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 7,762                     | 4,610                        | 92.55                     | 91.90                             | 93.68                                | -0.64 *                        |
| Catholic school                                | 1,362                     | 565                          | 4.19                      | 4.63                              | 3.42                                 | 0.44 *                         |
| Other private school                           | 964                       | 429                          | 3.27                      | 3.47                              | 2.91                                 | 0.20                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 8,933                     | 2,410                        | 84.87                     | 86.83                             | 78.24                                | 1.96 *                         |
| No                                             | 1,154                     | 548                          | 15.13                     | 13.17                             | 21.76                                | -1.96 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-25. Comparison of item respondents and nonrespondents for F3A21 (AMOUNT CURRENTLY PAID MONTHLY TOWARD STUDENT LOAN BALANCE), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 16                        | 40                           | 0.92                      | 0.68                              | 1.11                                 | -0.24                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 305                       | 416                          | 4.56                      | 4.67                              | 4.47                                 | 0.11                           |
| Black or African American, non-Hispanic        | 358                       | 610                          | 14.43                     | 11.55                             | 16.78                                | -2.88 *                        |
| Hispanic, no race specified                    | 164                       | 284                          | 7.03                      | 5.32                              | 8.42                                 | -1.70 *                        |
| Hispanic, race specified                       | 203                       | 390                          | 9.32                      | 6.28                              | 11.80                                | -3.03 *                        |
| More than one race, non-Hispanic               | 119                       | 194                          | 4.20                      | 2.93                              | 5.23                                 | -1.26 *                        |
| White, non-Hispanic                            | 2,066                     | 1,801                        | 59.56                     | 68.56                             | 52.20                                | 9.01 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 1,355                     | 2,143                        | 50.57                     | 41.28                             | 58.16                                | -9.29 *                        |
| Female                                         | 1,876                     | 1,592                        | 49.43                     | 58.72                             | 41.84                                | 9.29 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 2,360                     | 3,137                        | 92.71                     | 90.49                             | 94.52                                | -2.22 *                        |
| Catholic school                                | 564                       | 351                          | 4.49                      | 6.17                              | 3.12                                 | 1.68 *                         |
| Other private school                           | 307                       | 247                          | 2.80                      | 3.34                              | 2.36                                 | 0.54                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 3,231                     | 1,088                        | 100.0                     | 100.0                             | 100.0                                | 0.00 *                         |
| No                                             | +                         | +                            | 0.00                      | 0.00                              | 0.00                                 | 0.00 *                         |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-26. Comparison of item respondents and nonrespondents for F3STLOANPAY (AMOUNT CURRENTLY PAID MONTHLY TOWARD STUDENT LOAN BALANCE), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 16                        | 40                           | 0.92                      | 0.68                              | 1.11                                 | -0.24                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 305                       | 416                          | 4.56                      | 4.67                              | 4.47                                 | 0.11                           |
| Black or African American, non-Hispanic        | 358                       | 610                          | 14.43                     | 11.55                             | 16.78                                | -2.88 *                        |
| Hispanic, no race specified                    | 164                       | 284                          | 7.03                      | 5.32                              | 8.42                                 | -1.70 *                        |
| Hispanic, race specified                       | 203                       | 390                          | 9.32                      | 6.28                              | 11.80                                | -3.03 *                        |
| More than one race, non-Hispanic               | 119                       | 194                          | 4.20                      | 2.93                              | 5.23                                 | -1.26 *                        |
| White, non-Hispanic                            | 2,066                     | 1,801                        | 59.56                     | 68.56                             | 52.20                                | 9.01 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 1,355                     | 2,143                        | 50.57                     | 41.28                             | 58.16                                | -9.29 *                        |
| Female                                         | 1,876                     | 1,592                        | 49.43                     | 58.72                             | 41.84                                | 9.29 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 2,360                     | 3,137                        | 92.71                     | 90.49                             | 94.52                                | -2.22 *                        |
| Catholic school                                | 564                       | 351                          | 4.49                      | 6.17                              | 3.12                                 | 1.68 *                         |
| Other private school                           | 307                       | 247                          | 2.80                      | 3.34                              | 2.36                                 | 0.54                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 3,231                     | 1,088                        | 100.0                     | 100.0                             | 100.0                                | 0.00 *                         |
| No                                             | +                         | +                            | 0.00                      | 0.00                              | 0.00                                 | 0.00 *                         |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-27. Comparison of item respondents and nonrespondents for F3D16 (WHETHER RESPONDENT LIVES IN PARENT(S) HOME OR PARENTS LIVE IN RESPONDENTS HOME), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 25                        | 43                           | 0.98                      | 0.79                              | 1.11                                 | -0.20                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 479                       | 473                          | 5.65                      | 7.41                              | 4.49                                 | 1.77 *                         |
| Black or African American, non-Hispanic        | 419                       | 691                          | 16.91                     | 16.54                             | 17.16                                | -0.37                          |
| Hispanic, no race specified                    | 253                       | 323                          | 9.20                      | 9.80                              | 8.80                                 | 0.61                           |
| Hispanic, race specified                       | 280                       | 447                          | 12.03                     | 11.79                             | 12.18                                | -0.23                          |
| More than one race, non-Hispanic               | 127                       | 208                          | 4.54                      | 3.77                              | 5.04                                 | -0.77                          |
| White, non-Hispanic                            | 1,306                     | 1,952                        | 50.69                     | 49.89                             | 51.22                                | -0.80                          |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 1,482                     | 2,376                        | 55.57                     | 52.01                             | 57.90                                | -3.56 *                        |
| Female                                         | 1,407                     | 1,761                        | 44.43                     | 47.99                             | 42.10                                | 3.56 *                         |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 2,289                     | 3,495                        | 93.73                     | 92.51                             | 94.53                                | -1.22 *                        |
| Catholic school                                | 403                       | 377                          | 3.77                      | 4.94                              | 3.01                                 | 1.16 *                         |
| Other private school                           | 197                       | 265                          | 2.50                      | 2.55                              | 2.46                                 | 0.06                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 2,459                     | 1,183                        | 79.85                     | 82.12                             | 75.63                                | 2.27 *                         |
| No                                             | 430                       | 310                          | 20.15                     | 17.88                             | 24.37                                | -2.27 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-28. Comparison of item respondents and nonrespondents for F3SEIAGE30 (SEI-BASED CODE FOR EXPECTED AGE-30 OCCUPATION), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 68                        | 68                           | 0.95                      | 0.87                              | 1.04                                 | -0.08                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 847                       | 740                          | 4.25                      | 4.21                              | 4.30                                 | -0.04                          |
| Black or African American, non-Hispanic        | 1,111                     | 999                          | 14.26                     | 13.90                             | 14.67                                | -0.36                          |
| Hispanic, no race specified                    | 544                       | 520                          | 7.22                      | 6.59                              | 7.95                                 | -0.63                          |
| Hispanic, race specified                       | 668                       | 633                          | 9.14                      | 8.68                              | 9.66                                 | -0.46                          |
| More than one race, non-Hispanic               | 368                       | 369                          | 4.25                      | 4.01                              | 4.53                                 | -0.24                          |
| White, non-Hispanic                            | 4,925                     | 3,832                        | 59.94                     | 61.75                             | 57.85                                | 1.81 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 4,286                     | 3,516                        | 50.08                     | 50.76                             | 49.30                                | 0.68                           |
| Female                                         | 4,245                     | 3,645                        | 49.92                     | 49.24                             | 50.70                                | -0.68                          |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 6,509                     | 5,863                        | 92.55                     | 91.60                             | 93.64                                | -0.94 *                        |
| Catholic school                                | 1,172                     | 755                          | 4.19                      | 4.78                              | 3.50                                 | 0.59 *                         |
| Other private school                           | 850                       | 543                          | 3.27                      | 3.62                              | 2.86                                 | 0.35 *                         |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 7,523                     | 3,820                        | 84.87                     | 86.67                             | 81.52                                | 1.81 *                         |
| No                                             | 1,007                     | 695                          | 15.13                     | 13.33                             | 18.48                                | -1.81 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-29. Comparison of item respondents and nonrespondents for F3B22 (HOURS CURRENTLY WORKING PER WEEK ACROSS ALL JOBS), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 7                         | 44                           | 1.02                      | 0.73                              | 1.11                                 | -0.28                          |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 122                       | 429                          | 4.35                      | 4.64                              | 4.25                                 | 0.29                           |
| Black or African American, non-Hispanic        | 178                       | 651                          | 15.84                     | 13.10                             | 16.76                                | -2.74 *                        |
| Hispanic, no race specified                    | 76                        | 305                          | 7.69                      | 5.29                              | 8.50                                 | -2.40 *                        |
| Hispanic, race specified                       | 102                       | 424                          | 11.03                     | 7.05                              | 12.37                                | -3.98 *                        |
| More than one race, non-Hispanic               | 74                        | 194                          | 4.64                      | 4.23                              | 4.79                                 | -0.42                          |
| White, non-Hispanic                            | 860                       | 1,896                        | 55.44                     | 64.97                             | 52.22                                | 9.53 *                         |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 623                       | 2,322                        | 55.63                     | 42.64                             | 60.02                                | -12.98 *                       |
| Female                                         | 796                       | 1,621                        | 44.37                     | 57.36                             | 39.98                                | 12.98 *                        |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 1,063                     | 3,330                        | 93.54                     | 90.71                             | 94.50                                | -2.83 *                        |
| Catholic school                                | 206                       | 360                          | 3.59                      | 5.30                              | 3.01                                 | 1.71 *                         |
| Other private school                           | 150                       | 253                          | 2.87                      | 3.99                              | 2.49                                 | 1.12                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 1,313                     | 1,072                        | 86.02                     | 91.15                             | 80.71                                | 5.13 *                         |
| No                                             | 106                       | 228                          | 13.98                     | 8.85                              | 19.29                                | -5.13 *                        |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

**Table I-30. Comparison of item respondents and nonrespondents for F3A08 (STATE IN WHICH GED/EQUIVALENCY WAS EARNED), by selected sample member characteristics: 2012**

| Demographic characteristics                    | Sample size<br>respondent | Sample size<br>nonrespondent | Percent<br>estimate total | Percent<br>estimate<br>respondent | Percent<br>estimate<br>nonrespondent | Estimated <sup>1</sup><br>bias |
|------------------------------------------------|---------------------------|------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|
| Student's race/ethnicity                       |                           |                              |                           |                                   |                                      |                                |
| American Indian/Alaska Native, non-Hispanic    | 8                         | +                            | 1.32                      | 2.26                              | 1.17                                 | 0.94                           |
| Asian, Hawaii/Pac. Islander, non-Hispanic      | 30                        | 276                          | 4.23                      | 4.72                              | 4.15                                 | 0.49                           |
| Black or African American, non-Hispanic        | 54                        | 414                          | 16.56                     | 16.52                             | 16.56                                | -0.03                          |
| Hispanic, no race specified                    | 40                        | 190                          | 8.95                      | 12.16                             | 8.41                                 | 3.21                           |
| Hispanic, race specified                       | 31                        | 291                          | 12.37                     | 8.51                              | 13.00                                | -3.85                          |
| More than one race, non-Hispanic               | 17                        | 132                          | 5.27                      | 3.75                              | 5.53                                 | -1.53                          |
| White, non-Hispanic                            | 183                       | 1,204                        | 51.30                     | 52.08                             | 51.18                                | 0.78                           |
| Student's sex                                  |                           |                              |                           |                                   |                                      |                                |
| Male                                           | 202                       | 1,508                        | 59.92                     | 58.84                             | 60.09                                | -1.08                          |
| Female                                         | 161                       | 1,027                        | 40.08                     | 41.16                             | 39.91                                | 1.08                           |
| School type                                    |                           |                              |                           |                                   |                                      |                                |
| Public school                                  | 324                       | 2,176                        | 94.88                     | 93.64                             | 95.08                                | -1.24                          |
| Catholic school                                | 20                        | 194                          | 2.39                      | 1.86                              | 2.47                                 | -0.52                          |
| Other private school                           | 19                        | 165                          | 2.73                      | 4.49                              | 2.44                                 | 1.76                           |
| Whether has ever attended postsecondary school |                           |                              |                           |                                   |                                      |                                |
| Yes                                            | 122                       | +                            | 53.42                     | 51.64                             | 61.64                                | -1.77                          |
| No                                             | 86                        | +                            | 46.58                     | 48.36                             | 38.36                                | 1.77                           |

‡ Counts suppressed for reasons of confidentiality.

<sup>1</sup> (\*\*) denotes statistical significance at p < .05.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Education Longitudinal Study of 2002 (ELS:2002), "Third Follow-up, Data File, 2012."

## **Appendix J.**

# **Responsive Design Bias Estimates**

---

*This page left intentionally blank.*



**Table J-1. Bias estimates for key frame and survey variables, all respondents, untreated respondents, and untreated and phase 1 respondents—Continued**

| Analysis variable | Levels | All respondents            |                                |                |               |                           | Untreated respondents only |                                |                |               |                           | Untreated respondents and phase 1 respondents |                                |                |               |                               |
|-------------------|--------|----------------------------|--------------------------------|----------------|---------------|---------------------------|----------------------------|--------------------------------|----------------|---------------|---------------------------|-----------------------------------------------|--------------------------------|----------------|---------------|-------------------------------|
|                   |        | Respondent mean (weighted) | Non-respondent mean (weighted) | Estimated bias | Relative Bias | Significant bias (Y or N) | Respondent mean (Weighted) | Non-respondent mean (Weighted) | Estimated bias | Relative bias | Significant bias (Y or N) | Respondent mean (weighted)                    | Non-respondent mean (weighted) | Estimated bias | Relative bias | Significant bias key (Y or N) |
| F2STEXP           | 8      | 11.7158                    | 5.7492                         | 0.4374         | 0.03733       | Y                         | 12.7376                    | 7.4323                         | 1.26301        | 0.09916       | Y                         | 12.2469                                       | 7.6166                         | 0.95103        | 0.07766       | F2STEXP8 Y                    |
| F2STEXP           | 9      | 7.3531                     | 9.7978                         | -0.43226       | -0.05879      | N                         | 6.5568                     | 9.8134                         | -1.4488        | -0.22096      | Y                         | 6.7403                                        | 9.9835                         | -1.23577       | -0.18334      | F2STEXP9 Y                    |
| F1S21C            | 1      | 7.5916                     | 12.08                          | -1.07214       | -0.14123      | Y                         | 4.8717                     | 13.9693                        | -5.80055       | -1.19066      | Y                         | 5.6537                                        | 13.4235                        | -4.31395       | -0.76304      | F1S21C1 Y                     |
| F1S21C            | 2      | 9.6227                     | 12.2978                        | -0.53855       | -0.05597      | Y                         | 7.3912                     | 14.4188                        | -3.8287        | -0.51801      | Y                         | 7.9727                                        | 14.0401                        | -2.91693       | -0.36587      | F1S21C2 Y                     |
| F1S21C            | 3      | 66.1097                    | 51.8689                        | 1.9084         | 0.02887       | Y                         | 73.168                     | 48.4359                        | 7.14363        | 0.09763       | Y                         | 71.1389                                       | 49.7356                        | 5.75267        | 0.08087       | F1S21C3 Y                     |
| F1S21C            | 4      | 16.6759                    | 23.7533                        | -1.55224       | -0.09308      | Y                         | 14.5691                    | 23.176                         | -4.25119       | -0.29179      | Y                         | 15.2347                                       | 22.8007                        | -3.33172       | -0.21869      | F1S21C4 Y                     |
| F1S21D            | 1      | 25.3391                    | 32.4033                        | -1.4093        | -0.05562      | Y                         | 22.2926                    | 33.5321                        | -5.31463       | -0.2384       | Y                         | 22.9563                                       | 33.3603                        | -4.45167       | -0.19392      | F1S21D1 Y                     |
| F1S21D            | 2      | 43.4889                    | 48.1988                        | -0.83661       | -0.01924      | Y                         | 43.8098                    | 45.007                         | -0.4548        | -0.01038      | N                         | 43.583                                        | 45.5669                        | -0.69404       | -0.01592      | F1S21D2 N                     |
| F1S21D            | 3      | 15.7373                    | 8.0636                         | 0.69671        | 0.04427       | Y                         | 17.4365                    | 9.5376                         | 1.94281        | 0.11142       | Y                         | 17.1204                                       | 9.3662                         | 1.70354        | 0.0995        | F1S21D3 Y                     |
| F1S21D            | 4      | 15.4347                    | 11.3343                        | 0.51335        | 0.03326       | Y                         | 16.4611                    | 11.9232                        | 1.36885        | 0.08316       | Y                         | 16.3404                                       | 11.7066                        | 1.24824        | 0.07639       | F1S21D4 Y                     |
| F1S15             | 1      | 81.8405                    | 88.4845                        | -1.17112       | -0.01431      | Y                         | 80.9323                    | 86.0876                        | -2.08209       | -0.02573      | Y                         | 79.8326                                       | 88.8151                        | -3.32561       | -0.04166      | F1S151 Y                      |
| F1S15             | 2      | 14.2509                    | 6.4898                         | 0.64168        | 0.04503       | Y                         | 15.7623                    | 8.5824                         | 1.84877        | 0.11729       | Y                         | 15.1803                                       | 8.7833                         | 1.49791        | 0.09867       | F1S152 Y                      |
| F1S15             | 3      | 0.4293                     | 0.3812                         | 0.00719        | 0.01675       | N                         | 0.149                      | 0.8491                         | -0.54886       | -3.6836       | Y                         | 0.5478                                        | 0.1822                         | 0.05465        | 0.09976       | F1S153 N                      |
| F1S15             | 4      | 0.2528                     | 0.2754                         | -0.004         | -0.01582      | N                         | 0.1373                     | 0.4438                         | -0.20634       | -1.50339      | N                         | 0.3225                                        | 0.1316                         | 0.03387        | 0.105         | F1S154 N                      |
| F1S15             | 5      | 1.9894                     | 2.8525                         | -0.1908        | -0.09591      | N                         | 2.3415                     | 1.8031                         | 0.17716        | 0.07566       | N                         | 2.5383                                        | 1.3632                         | 0.25977        | 0.10234       | F1S155 Y                      |
| F1S15             | 6      | 1.0219                     | 1.1155                         | -0.01663       | -0.01627      | N                         | 0.4968                     | 1.8859                         | -0.98264       | -1.97774      | Y                         | 1.3038                                        | 0.5331                         | 0.13694        | 0.10503       | F1S156 Y                      |
| F1S15             | 7      | 0.1763                     | 0.4011                         | -0.06984       | -0.39621      | N                         | 0.1682                     | 0.2844                         | -0.06028       | -0.35842      | N                         | 0.2249                                        | 0.1917                         | 0.01031        | 0.04584       | F1S157 N                      |
|                   |        | 0.039                      | .                              | .              | .             | .                         | 0.0127                     | 0.0636                         | -0.03876       | -3.04992      | N                         | 0.0497                                        | .                              | .              | .             | F1S158 N                      |

## **Appendix K. Extant Sources**

---

*This page left intentionally blank.*

## K.1 ECB-based Linked Data From External Sources

Ancillary data from various extant sources have, in a number of instances, been imported into the Education Longitudinal Study of 2002 (ELS:2002) database and integrated into the electronic codebook (ECB). For each external data source, separate files were constructed that can be linked to the student file. Sample members have one or more records on each data source file when data are available. If information is not available for that data source, then the student record was excluded from that data source file. The following data source files may be accessed:

- the Central Processing System (CPS),
- the National Student Loan Data System (NSLDS),
- the Scholastic Assessment Test (SAT),
- the ACT, and
- the General Educational Development Test (GED).

Some composite variables have been constructed from data obtained from the various extant data sources and included on the student file. In some instances, such as the ACT and SAT, the available data represent the merging of sources: test scores obtained from schools in the high school transcript component of ELS:2002, and data obtained from records matching with the College Board (SAT) or ACT.

Each of the ancillary data sources is briefly described in this appendix.

### K.1.1 CPS (Central Processing System—FAFSA)

This database contains all information from the FAFSA (Free Application for Federal Student Aid) for all students who applied for aid in any given academic year and has been matched to academic years 2004–05, 2005–06, 2006–07, 2009–10, 2010–11, 2011–12, 2012–13, and 2013–14. Information includes Expected Family Contribution (EFC) as well as responses to FAFSA questions.

### K.1.2 NSLDS (National Student Loan Data System)

The NSLDS database contains records of all federal loan and Pell grant information for anyone who has such a loan or grant. Information includes dates and amounts for loans, name of loan program (e.g., Stafford, Perkins), and dates and amounts for Pell grants.

### K.1.3 SAT

SAT scores were collected in the ELS:2002 high school transcript study and have been augmented through records matching with the College Board, based on the year 2004 and earlier. Verbal and math scores are included as well as AP scores. Additionally, school-level mean scores have been included for individual sample members. An SAT-ACT concordance was created, so that both sets of scores would be on a common scale.

#### **K.1.4 ACT**

ACT scores were collected in the ELS:2002 transcript study and have been augmented through records matching. Scores include the ACT composite score and scores in English, math, reading, and science. In addition, school-level mean ACT composite scores have been linked to individual ELS:2002 sample members. An SAT-ACT concordance was created, so that both sets of scores would be on a common scale.

#### **K.1.5 GED Test and Survey Data**

The GED provides the basis for high school equivalency certification. Where records could be matched for ELS:2002 sample members who took the GED, this information has been incorporated into the ELS:2002 database. Specific information includes state in which tested, whether passed or failed, and responses to certain GED survey items.

*Accessing the data.* All of the ancillary data files contain a Stu\_ID field which corresponds to the Stu\_ID field contained in the student file. The student file can be linked to any of the extant data files using that field. The following ancillary data files all have up to one record per applicable sample member: CPS 2004–2005, CPS 2005–2006, CPS 2006–2007, CPS 2009–2010, CPS 2010–2011, CPS 2011–2012, CPS 2012–2013, CPS 2013–2014, and GED. The only extant data files that have multiple records per sample member are the NSLDS Loan and Pell files. Noting the absence of CPS data for academic years 2007-08 and 2008-09, this is a product of timing with respect to the period between second follow-up and third follow-up data file construction. At the time the second follow-up files were constructed, data was gathered from the CPS for all academic years available at that time, beginning with the modal academic year, 2004-05. Similarly, data was gathered from CPS for all academic years available during third follow-up data file construction, during which time data was no longer available for academic years 2007-08 and 2008-09.

When merging the NSLDS Loan file with the student file, the resulting dataset will contain at least one row for cases common to both files and multiple rows for cases where multiple rows exist in the NSLDS Loan file. The values of student file variables included in the resulting dataset will be replicated on each row for any case that has multiple rows in the resulting dataset.

Like the NSLDS Loan file, when merging the NSLDS Pell file with the student file, the resulting dataset will contain at least one row for cases common to both files and multiple rows for cases where multiple rows exist in the NSLDS Pell file. The values of student file variables included in the resulting dataset will be replicated on each row for any case that has multiple rows in the resulting dataset.

If information for a given external data source was not available for any given sample member, that particular data file will not contain a record for that case. When merged with the

student file, only cases common to both the student file and the target extant data file will be included in the resulting dataset.

## **K.2 Non-ECB Restricted Files: Augmented Geocode Data From 2000 Decennial Census**

In addition to restricted-use data that have been integrated into the ECB, student-level geocode data are available as a separate file, linkable to the ECB data. The base-year geocode file can be obtained from NCES only through a separate licensing agreement.

A layout file, a SAS program, and an SPSS program have been provided for use of the geocode data. Student ID is provided to facilitate merges to the ECB data.

In constructing the geocode file, the best available source of residential address information was geographically matched to zip code, FIPS state and county code, and Census tract and block code. Claritas Prizm NE codes were used as a source of additional geodemographic and neighborhood lifestyle data. More information about Prizm NE codes can be obtained from <http://www.claritas.com>.

## **K.3 Listing of Variables Associated With the Ancillary Data; Explication of Composite Variables Based on These Sources**

Please refer to appendixes L, M, and N for further information. Specifically, appendix L contains a listing of all extant data source variables. Appendix M contains a listing of all variables. Variables from the external extant data sources are included in this listing. Further information about third follow-up composite variables based on these sources can be found in appendix N.

*This page left intentionally blank.*

## **Appendix L. Extant Variable List**

---

*This page left intentionally blank.*

| File # | File Description                                               | File Name  |
|--------|----------------------------------------------------------------|------------|
| 1      | Student File                                                   | BYF3STU    |
| 2      | School File                                                    | BYF1TSCH   |
| 3      | HS Student Transcript File                                     | HSTRNSTU   |
| 4      | HS School Transcript File                                      | HSTRNSCH   |
| 5      | F2 Student-Institution File (attended and applied-to as of F2) | F2INST     |
| 6      | CPS 2004-05 File                                               | CPS0405    |
| 7      | CPS 2005-06 File                                               | CPS0506    |
| 8      | CPS 2006-07 File                                               | CPS0607    |
| 9      | NSLDS Pell File                                                | NSLDSPLF3  |
| 10     | NSLDS Loan File                                                | NSLDSLNF3  |
| 11     | GED File                                                       | GED        |
| 12     | Student BRR Weight File                                        | BYF3BRRSTU |
| 13     | School BRR Weight File                                         | BRRSCH     |
| 14     | F3 Student-Institution File (attended as of F3)                | F3INST     |
| 15     | CPS 2009-10 File                                               | CPS0910    |
| 16     | CPS 2010-11 File                                               | CPS1011    |
| 17     | CPS 2011-12 File                                               | CPS1112    |
| 18     | CPS 2012-13 File                                               | CPS1213    |
| 19     | CPS 2013-14 File                                               | CPS1314    |

Table L-1. Extant Variable List, Current and Prior Round

| File number | Variable name | Variable label                                       | Source                            | Position            |
|-------------|---------------|------------------------------------------------------|-----------------------------------|---------------------|
| 1           | STU_ID        | Student ID                                           |                                   | Rec #: 1, Pos: 1    |
| 1           | TXACTC        | Most recent ACT composite score                      | ACT and HS Transcript             | Rec #: 1, Pos: 1812 |
| 1           | TXACTM        | Most recent ACT math component score                 | ACT and HS Transcript             | Rec #: 1, Pos: 1814 |
| 1           | TXACTR        | Most recent ACT reading component score              | ACT and HS Transcript             | Rec #: 1, Pos: 1816 |
| 1           | TXACTE        | Most recent ACT English component score              | ACT and HS Transcript             | Rec #: 1, Pos: 1818 |
| 1           | TXACTS        | Most recent ACT science component score              | ACT and HS Transcript             | Rec #: 1, Pos: 1820 |
| 1           | TXEESATC      | Higher entrance exam composite score in terms of SAT | ACT, College Board, HS Transcript | Rec #: 1, Pos: 1822 |
| 1           | TXEESATM      | Higher entrance exam math score in terms of SAT      | ACT, College Board, HS Transcript | Rec #: 1, Pos: 1826 |
| 1           | TXEEACTC      | Higher entrance exam composite score in terms of ACT | ACT, College Board, HS Transcript | Rec #: 1, Pos: 1829 |
| 1           | TXEEACTM      | Higher entrance exam math score in terms of ACT      | ACT, College Board, HS Transcript | Rec #: 1, Pos: 1831 |
| 1           | TXSATM        | Most recent SAT math score                           | College Board and HS Transcript   | Rec #: 1, Pos: 1833 |
| 1           | TXSATV        | Most recent SAT verbal score                         | College Board and HS Transcript   | Rec #: 1, Pos: 1836 |
| 1           | TXSATC        | Most recent SAT composite score                      | College Board and HS Transcript   | Rec #: 1, Pos: 1839 |
| 1           | TXAPBIO       | AP exam: Biology                                     | College Board and HS Transcript   | Rec #: 1, Pos: 1843 |
| 1           | TXAPCHE       | AP exam: Chemistry                                   | College Board and HS Transcript   | Rec #: 1, Pos: 1845 |
| 1           | TXAPCGP       | AP exam: Comparative government and politics         | College Board and HS Transcript   | Rec #: 1, Pos: 1847 |
| 1           | TXAPCSA       | AP exam: Computer science A                          | College Board and HS Transcript   | Rec #: 1, Pos: 1849 |
| 1           | TXAPCSB       | AP exam: Computer science AB                         | College Board and HS Transcript   | Rec #: 1, Pos: 1851 |
| 1           | TXAPLIT       | AP exam: English literature and composition          | College Board and HS Transcript   | Rec #: 1, Pos: 1853 |
| 1           | TXAPLAN       | AP exam: English language and composition            | College Board and HS Transcript   | Rec #: 1, Pos: 1855 |
| 1           | TXAPEUH       | AP exam: European history                            | College Board and HS Transcript   | Rec #: 1, Pos: 1857 |
| 1           | TXAPFLA       | AP exam: French language                             | College Board and HS Transcript   | Rec #: 1, Pos: 1859 |
| 1           | TXAPFLI       | AP exam: French literature                           | College Board and HS Transcript   | Rec #: 1, Pos: 1861 |
| 1           | TXAPGER       | AP exam: German language                             | College Board and HS Transcript   | Rec #: 1, Pos: 1863 |
| 1           | TXAPHAR       | AP exam: Art History                                 | College Board and HS Transcript   | Rec #: 1, Pos: 1865 |
| 1           | TXAPLVE       | AP exam: Latin/Vergil                                | College Board and HS Transcript   | Rec #: 1, Pos: 1867 |
| 1           | TXAPCAA       | AP exam: Calculus AB                                 | College Board and HS Transcript   | Rec #: 1, Pos: 1869 |
| 1           | TXAPCAB       | AP exam: Calculus BC                                 | College Board and HS Transcript   | Rec #: 1, Pos: 1871 |
| 1           | TXAPMAC       | AP exam: Macroeconomics                              | College Board and HS Transcript   | Rec #: 1, Pos: 1873 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                      | Source                          | Position            |
|-------------|---------------|-------------------------------------|---------------------------------|---------------------|
| 1           | TXAPMIC       | AP exam: Microeconomics             | College Board and HS Transcript | Rec #: 1, Pos: 1875 |
| 1           | TXAPMT        | AP exam: Music theory               | College Board and HS Transcript | Rec #: 1, Pos: 1877 |
| 1           | TXAPPB        | AP exam: Physics B                  | College Board and HS Transcript | Rec #: 1, Pos: 1879 |
| 1           | TXAPPCE       | AP exam: Physics C, E & M           | College Board and HS Transcript | Rec #: 1, Pos: 1881 |
| 1           | TXAPPCM       | AP exam: Physics C, mechanics       | College Board and HS Transcript | Rec #: 1, Pos: 1883 |
| 1           | TXAPPSY       | AP exam: Psychology                 | College Board and HS Transcript | Rec #: 1, Pos: 1885 |
| 1           | TXAPSLA       | AP exam: Spanish language           | College Board and HS Transcript | Rec #: 1, Pos: 1887 |
| 1           | TXAPSLI       | AP exam: Spanish literature         | College Board and HS Transcript | Rec #: 1, Pos: 1889 |
| 1           | TXAPSAD       | AP exam: Studio art drawing         | College Board and HS Transcript | Rec #: 1, Pos: 1891 |
| 1           | TXAPUSG       | AP exam: US government and politics | College Board and HS Transcript | Rec #: 1, Pos: 1893 |
| 1           | TXAPUSH       | AP exam: US history                 | College Board and HS Transcript | Rec #: 1, Pos: 1895 |
| 1           | TXAPENV       | AP exam: Environmental science      | College Board and HS Transcript | Rec #: 1, Pos: 1897 |
| 1           | TXAPHUM       | AP exam: Human geography            | College Board and HS Transcript | Rec #: 1, Pos: 1899 |
| 1           | TXAPLAT       | AP exam: Latin literature           | College Board and HS Transcript | Rec #: 1, Pos: 1901 |
| 1           | TXAPSTA       | AP exam: Statistics                 | College Board and HS Transcript | Rec #: 1, Pos: 1903 |
| 1           | TXAPSA2       | AP exam: Studio art 2-d design      | College Board and HS Transcript | Rec #: 1, Pos: 1905 |
| 1           | TXAPSA3       | AP exam: Studio art 3-d design      | College Board and HS Transcript | Rec #: 1, Pos: 1907 |
| 1           | TXAPWOR       | AP exam: World history              | College Board and HS Transcript | Rec #: 1, Pos: 1909 |
| 1           | TXSATM1       | SAT subject test: Mathematics 1     | College Board and HS Transcript | Rec #: 1, Pos: 1911 |
| 1           | TXSATM2       | SAT subject test: Mathematics 2     | College Board and HS Transcript | Rec #: 1, Pos: 1914 |
| 1           | TXSATPH       | SAT subject test: Physics           | College Board and HS Transcript | Rec #: 1, Pos: 1917 |
| 1           | TXSATCH       | SAT subject test: Chemistry         | College Board and HS Transcript | Rec #: 1, Pos: 1920 |
| 1           | TXSATBY       | SAT subject test: Biology           | College Board and HS Transcript | Rec #: 1, Pos: 1923 |
| 1           | TXSATLI       | SAT subject test: Literature        | College Board and HS Transcript | Rec #: 1, Pos: 1926 |
| 1           | TXSATUS       | SAT subject test: U.S. History      | College Board and HS Transcript | Rec #: 1, Pos: 1929 |
| 1           | TXSATFR       | SAT subject test: French            | College Board and HS Transcript | Rec #: 1, Pos: 1932 |
| 1           | TXSATGE       | SAT subject test: German            | College Board and HS Transcript | Rec #: 1, Pos: 1935 |
| 1           | TXSATLA       | SAT subject test: Latin             | College Board and HS Transcript | Rec #: 1, Pos: 1938 |
| 1           | TXSATSP       | SAT subject test: Spanish           | College Board and HS Transcript | Rec #: 1, Pos: 1941 |
| 1           | TXSATMH       | SAT subject test: Modern Hebrew     | College Board and HS Transcript | Rec #: 1, Pos: 1944 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source                                | Position            |
|-------------|---------------|-----------------------------------------------------|---------------------------------------|---------------------|
| 1           | TXSATCL       | SAT subject test: Chinese with listening            | College Board and HS Transcript       | Rec #: 1, Pos: 1947 |
| 1           | TXSATEP       | SAT subject test: English language proficiency      | College Board and HS Transcript       | Rec #: 1, Pos: 1950 |
| 1           | TXSATFL       | SAT subject test: French with listening             | College Board and HS Transcript       | Rec #: 1, Pos: 1953 |
| 1           | TXSATGL       | SAT subject test: German with listening             | College Board and HS Transcript       | Rec #: 1, Pos: 1956 |
| 1           | TXSATSL       | SAT subject test: Spanish with listening            | College Board and HS Transcript       | Rec #: 1, Pos: 1959 |
| 1           | TXSATWH       | SAT subject test: World history                     | College Board and HS Transcript       | Rec #: 1, Pos: 1962 |
| 1           | TXSATWR       | SAT subject test: Writing                           | College Board and HS Transcript       | Rec #: 1, Pos: 1965 |
| 1           | F2PELL0405    | Pell grant 2004-05                                  | NSLDS Pell Composites (data as of F2) | Rec #: 1, Pos: 2649 |
| 1           | F2PELL0506    | Pell grant 2005-06                                  | NSLDS Pell Composites (data as of F2) | Rec #: 1, Pos: 2653 |
| 1           | F2PELL0607    | Pell grant 2006-07 (Fall 2006 only)                 | NSLDS Pell Composites (data as of F2) | Rec #: 1, Pos: 2657 |
| 1           | F2STSB0405    | Stafford subsidized loan 2004-05                    | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2661 |
| 1           | F2STSB0506    | Stafford subsidized loan 2005-06                    | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2666 |
| 1           | F2STSB0607    | Stafford subsidized loan 2006-07 (Fall 2006 only)   | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2671 |
| 1           | F2STUN0405    | Stafford unsubsidized loan 2004-05                  | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2676 |
| 1           | F2STUN0506    | Stafford unsubsidized loan 2005-06                  | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2681 |
| 1           | F2STUN0607    | Stafford unsubsidized loan 2006-07 (Fall 2006 only) | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2686 |
| 1           | F2PLUS0405    | PLUS loan 2004-05                                   | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2691 |
| 1           | F2PLUS0506    | PLUS loan 2005-06                                   | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2696 |
| 1           | F2PLUS0607    | PLUS loan 2006-07 (Fall 2006 only)                  | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2701 |
| 1           | F2STFY0405    | Stafford loan total 2004-05                         | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2706 |
| 1           | F2STFY0506    | Stafford loan total 2005-06                         | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2711 |
| 1           | F2STFY0607    | Stafford loan total 2006-07 (Fall 2006 only)        | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2716 |
| 1           | F2PELLCUM     | Cumulative Pell                                     | NSLDS Pell Composites (data as of F2) | Rec #: 1, Pos: 2721 |
| 1           | F2PELLYRS     | Pell: number of years received                      | NSLDS Pell Composites (data as of F2) | Rec #: 1, Pos: 2725 |
| 1           | F2PLUSCUM     | Cumulative PLUS                                     | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2727 |
| 1           | F2PERKCUM     | Cumulative Perkins                                  | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2732 |
| 1           | F2CNSOWED     | Consolidated loan: amount owed                      | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2737 |
| 1           | F2STAFTCUM    | Cumulative Stafford total                           | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2742 |
| 1           | F2STAFSCUM    | Cumulative Stafford subsidized                      | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2747 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                                                       | Source                                | Position            |
|-------------|---------------|------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------|
| 1           | F2STAFUCUM    | Cumulative Stafford unsubsidized                                                                     | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2752 |
| 1           | F2SSPCUM      | Cumulative Stafford sub and Perkins                                                                  | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2757 |
| 1           | F2STPCUM      | Cumulative Stafford and Perkins                                                                      | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2762 |
| 1           | F2SPPCUM      | Cumulative Stafford, Perkins, PLUS                                                                   | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2767 |
| 1           | F2STAFYRS     | Stafford: number of years borrowed                                                                   | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2772 |
| 1           | F2PLUSYRS     | PLUS: number of years borrowed                                                                       | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2774 |
| 1           | F2STPOWED     | Stafford and Perkins: amount owed                                                                    | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2776 |
| 1           | F2SPPOWED     | Stafford, Perkins, PLUS: amount owed                                                                 | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2781 |
| 1           | F2TOTOWED     | Total amount owed except for PLUS                                                                    | NSLDS Loan Composites (data as of F2) | Rec #: 1, Pos: 2786 |
| 1           | F3PELLCUM     | Cumulative Pell - (as of F3)                                                                         | NSLDS Pell Composites (data as of F3) | Rec #: 1, Pos: 3239 |
| 1           | F3PELLYRS     | Pell: number of years received - (as of F3)                                                          | NSLDS Pell Composites (data as of F3) | Rec #: 1, Pos: 3245 |
| 1           | F3PLUSCUM     | Cumulative PLUS - (as of F3)                                                                         | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3247 |
| 1           | F3GPLUSCUM    | Cumulative Graduate PLUS amount                                                                      | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3253 |
| 1           | F3SUBCUM3     | Cumulative subsidized Stafford and Perkins for undergrad and grad                                    | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3259 |
| 1           | F3STFCUM3     | Cumulative Stafford for undergrad and grad                                                           | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3265 |
| 1           | F3FEDCUM3     | Cumulative federal loan amount for undergrad and grad                                                | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3271 |
| 1           | F3FEDDUE3     | Cumulative federal loan amount owed, principal and interest, for undergraduate or graduate education | NSLDS Loan Composites (data as of F3) | Rec #: 1, Pos: 3277 |
| 6           | STU_ID        | Analysis case ID                                                                                     |                                       | Rec #: 1, Pos: 1    |
| 6           | C05021        | Student's state of legal residence (from FAFSA 2004-05)                                              | CPS 2004-05                           | Rec #: 1, Pos: 7    |
| 6           | C05022        | Student legal resident before 1-1-1999? (from FAFSA 2004-05)                                         | CPS 2004-05                           | Rec #: 1, Pos: 9    |
| 6           | C05023        | Student's legal residence date (from FAFSA 2004-05)                                                  | CPS 2004-05                           | Rec #: 1, Pos: 11   |
| 6           | C05026        | Degree/certificate (from FAFSA 2004-05)                                                              | CPS 2004-05                           | Rec #: 1, Pos: 17   |
| 6           | C05027        | Grade level in college (from FAFSA 2004-05)                                                          | CPS 2004-05                           | Rec #: 1, Pos: 19   |
| 6           | C05030        | Interested in student loans? (from FAFSA 2004-05)                                                    | CPS 2004-05                           | Rec #: 1, Pos: 21   |
| 6           | C05031        | Interested in Work-Study? (from FAFSA 2004-05)                                                       | CPS 2004-05                           | Rec #: 1, Pos: 23   |
| 6           | C05038        | Student's adj gross inc on IRS form (from FAFSA 2004-05)                                             | CPS 2004-05                           | Rec #: 1, Pos: 25   |
| 6           | C05039        | Student's US income tax paid (from FAFSA 2004-05)                                                    | CPS 2004-05                           | Rec #: 1, Pos: 31   |
| 6           | C05040        | Student's exemptions claimed (from FAFSA 2004-05)                                                    | CPS 2004-05                           | Rec #: 1, Pos: 36   |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 6           | C05041        | Student's income earned from work (from FAFSA 2004-05)        | CPS 2004-05 | Rec #: 1, Pos: 38  |
| 6           | C05046        | Student's cash, savings, checking (from FAFSA 2004-05)        | CPS 2004-05 | Rec #: 1, Pos: 44  |
| 6           | C05047        | Student's investment net worth (from FAFSA 2004-05)           | CPS 2004-05 | Rec #: 1, Pos: 50  |
| 6           | C05058        | Parents marital status (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 56  |
| 6           | C05068        | Parents number of family members (from FAFSA 2004-05)         | CPS 2004-05 | Rec #: 1, Pos: 58  |
| 6           | C05069        | Parents number in college (from FAFSA 2004-05)                | CPS 2004-05 | Rec #: 1, Pos: 60  |
| 6           | C05070        | Parents state of legal residence (from FAFSA 2004-05)         | CPS 2004-05 | Rec #: 1, Pos: 62  |
| 6           | C05071        | Parents legal residents before 1-1-1999? (from FAFSA 2004-05) | CPS 2004-05 | Rec #: 1, Pos: 64  |
| 6           | C05072        | Parents legal residence date (from FAFSA 2004-05)             | CPS 2004-05 | Rec #: 1, Pos: 66  |
| 6           | C05076        | Parents adjusted gross income (from FAFSA 2004-05)            | CPS 2004-05 | Rec #: 1, Pos: 72  |
| 6           | C05077        | Parents US income tax paid (from FAFSA 2004-05)               | CPS 2004-05 | Rec #: 1, Pos: 78  |
| 6           | C05078        | Parents exemptions claimed (from FAFSA 2004-05)               | CPS 2004-05 | Rec #: 1, Pos: 84  |
| 6           | C05079        | Father's income earned from work (from FAFSA 2004-05)         | CPS 2004-05 | Rec #: 1, Pos: 86  |
| 6           | C05080        | Mother's income earned from work (from FAFSA 2004-05)         | CPS 2004-05 | Rec #: 1, Pos: 92  |
| 6           | C05081        | Parents total amount from worksheet A (from FAFSA 2004-05)    | CPS 2004-05 | Rec #: 1, Pos: 98  |
| 6           | C05082        | Parents total amount from worksheet B (from FAFSA 2004-05)    | CPS 2004-05 | Rec #: 1, Pos: 103 |
| 6           | C05083        | Parents total amount from worksheet C (from FAFSA 2004-05)    | CPS 2004-05 | Rec #: 1, Pos: 108 |
| 6           | C05084        | Parents cash, savings, checking (from FAFSA 2004-05)          | CPS 2004-05 | Rec #: 1, Pos: 113 |
| 6           | C05085        | Parents investment net worth (from FAFSA 2004-05)             | CPS 2004-05 | Rec #: 1, Pos: 119 |
| 6           | C05086        | Parents business and/or farm net worth (from FAFSA 2004-05)   | CPS 2004-05 | Rec #: 1, Pos: 125 |
| 6           | C05089        | Federal school code #1 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 131 |
| 6           | C05090        | Federal school code #1 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 137 |
| 6           | C05091        | Federal school code #2 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 139 |
| 6           | C05092        | Federal school code #2 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 145 |
| 6           | C05093        | Federal school code #3 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 147 |
| 6           | C05094        | Federal school code #3 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 153 |
| 6           | C05095        | Federal school code #4 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 155 |
| 6           | C05096        | Federal school code #4 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 161 |
| 6           | C05097        | Federal school code #5 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 163 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 6           | C05098        | Federal school code #5 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 169 |
| 6           | C05099        | Federal school code #6 (from FAFSA 2004-05)                   | CPS 2004-05 | Rec #: 1, Pos: 171 |
| 6           | C05100        | Federal school code #6 housing plans (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 177 |
| 6           | C05101        | Enrollment status (from FAFSA 2004-05)                        | CPS 2004-05 | Rec #: 1, Pos: 179 |
| 6           | C05110        | Dependency status (from FAFSA 2004-05)                        | CPS 2004-05 | Rec #: 1, Pos: 181 |
| 6           | C05134        | Application receipt date (from FAFSA 2004-05)                 | CPS 2004-05 | Rec #: 1, Pos: 183 |
| 6           | C05144        | Pell grant eligibility flag (from FAFSA 2004-05)              | CPS 2004-05 | Rec #: 1, Pos: 191 |
| 6           | C05150        | Automatic zero EFC (from FAFSA 2004-05)                       | CPS 2004-05 | Rec #: 1, Pos: 193 |
| 6           | C05151        | Simplified needs test (SNT) (from FAFSA 2004-05)              | CPS 2004-05 | Rec #: 1, Pos: 195 |
| 6           | C05179        | Primary EFC (from FAFSA 2004-05)                              | CPS 2004-05 | Rec #: 1, Pos: 197 |
| 6           | C05181        | Primary EFC type (from FAFSA 2004-05)                         | CPS 2004-05 | Rec #: 1, Pos: 202 |
| 6           | C05205        | TI: Total Income (from FAFSA 2004-05)                         | CPS 2004-05 | Rec #: 1, Pos: 204 |
| 6           | C05206        | ATI: Allowances Against Total Income (from FAFSA 2004-05)     | CPS 2004-05 | Rec #: 1, Pos: 211 |
| 6           | C05207        | STX: State Tax Allowance (from FAFSA 2004-05)                 | CPS 2004-05 | Rec #: 1, Pos: 218 |
| 6           | C05208        | EA: Employment Allowance (from FAFSA 2004-05)                 | CPS 2004-05 | Rec #: 1, Pos: 225 |
| 6           | C05209        | IPA: Income Protection Allowance (from FAFSA 2004-05)         | CPS 2004-05 | Rec #: 1, Pos: 232 |
| 6           | C05210        | AI: Available Income (from FAFSA 2004-05)                     | CPS 2004-05 | Rec #: 1, Pos: 239 |
| 6           | C05211        | CAI: Contribution from available income (from FAFSA 2004-05)  | CPS 2004-05 | Rec #: 1, Pos: 246 |
| 6           | C05212        | DNW: Discretionary Net Worth (from FAFSA 2004-05)             | CPS 2004-05 | Rec #: 1, Pos: 253 |
| 6           | C05213        | NW: Net Worth (from FAFSA 2004-05)                            | CPS 2004-05 | Rec #: 1, Pos: 262 |
| 6           | C05214        | APA: Asset Protection Allowance (from FAFSA 2004-05)          | CPS 2004-05 | Rec #: 1, Pos: 271 |
| 6           | C05215        | PCA: Parents Contribution from Assets (from FAFSA 2004-05)    | CPS 2004-05 | Rec #: 1, Pos: 280 |
| 6           | C05216        | AAI: Adjusted Available Income (from FAFSA 2004-05)           | CPS 2004-05 | Rec #: 1, Pos: 287 |
| 6           | C05217        | TSC: Total Student Contribution (from FAFSA 2004-05)          | CPS 2004-05 | Rec #: 1, Pos: 294 |
| 6           | C05218        | TPC: Total Parent Contribution (from FAFSA 2004-05)           | CPS 2004-05 | Rec #: 1, Pos: 301 |
| 6           | C05219        | PC: Parents Contribution (from FAFSA 2004-05)                 | CPS 2004-05 | Rec #: 1, Pos: 308 |
| 6           | C05220        | STI: Student's Total Income (from FAFSA 2004-05)              | CPS 2004-05 | Rec #: 1, Pos: 315 |
| 6           | C05221        | SATI: Student's Allow Agnst Total Income (from FAFSA 2004-05) | CPS 2004-05 | Rec #: 1, Pos: 322 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 6           | C05222        | SIC: Dependent Students Inc Contribution (from FAFSA 2004-05) | CPS 2004-05 | Rec #: 1, Pos: 329 |
| 6           | C05223        | SDNW: Student's Discretionary Net Worth (from FAFSA 2004-05)  | CPS 2004-05 | Rec #: 1, Pos: 336 |
| 6           | C05224        | SCA: Student's Contribution from Assets (from FAFSA 2004-05)  | CPS 2004-05 | Rec #: 1, Pos: 345 |
| 6           | C05225        | FTI: FISAP total income (from FAFSA 2004-05)                  | CPS 2004-05 | Rec #: 1, Pos: 352 |
| 7           | STU_ID        | Analysis case ID                                              |             | Rec #: 1, Pos: 1   |
| 7           | C06021        | Student's state of legal residence (from FAFSA 2005-06)       | CPS 2005-06 | Rec #: 1, Pos: 7   |
| 7           | C06022        | Student legal resident before 1-1-2000? (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 9   |
| 7           | C06023        | Student's legal residence date (from FAFSA 2005-06)           | CPS 2005-06 | Rec #: 1, Pos: 11  |
| 7           | C06026        | Degree/certificate (from FAFSA 2005-06)                       | CPS 2005-06 | Rec #: 1, Pos: 17  |
| 7           | C06027        | Grade level in college (from FAFSA 2005-06)                   | CPS 2005-06 | Rec #: 1, Pos: 19  |
| 7           | C06030        | Interested in student loans? (from FAFSA 2005-06)             | CPS 2005-06 | Rec #: 1, Pos: 21  |
| 7           | C06031        | Interested in Work-Study? (from FAFSA 2005-06)                | CPS 2005-06 | Rec #: 1, Pos: 23  |
| 7           | C06038        | Student's adj gross inc on IRS form (from FAFSA 2005-06)      | CPS 2005-06 | Rec #: 1, Pos: 25  |
| 7           | C06039        | Student's US income tax paid (from FAFSA 2005-06)             | CPS 2005-06 | Rec #: 1, Pos: 31  |
| 7           | C06040        | Student's exemptions claimed (from FAFSA 2005-06)             | CPS 2005-06 | Rec #: 1, Pos: 36  |
| 7           | C06041        | Student's income earned from work (from FAFSA 2005-06)        | CPS 2005-06 | Rec #: 1, Pos: 38  |
| 7           | C06046        | Student's cash, savings, checking (from FAFSA 2005-06)        | CPS 2005-06 | Rec #: 1, Pos: 44  |
| 7           | C06047        | Student's investment net worth (from FAFSA 2005-06)           | CPS 2005-06 | Rec #: 1, Pos: 50  |
| 7           | C06058        | Parents marital status (from FAFSA 2005-06)                   | CPS 2005-06 | Rec #: 1, Pos: 56  |
| 7           | C06068        | Parents number of family members (from FAFSA 2005-06)         | CPS 2005-06 | Rec #: 1, Pos: 58  |
| 7           | C06069        | Parents number in college (from FAFSA 2005-06)                | CPS 2005-06 | Rec #: 1, Pos: 60  |
| 7           | C06070        | Parents state of legal residence (from FAFSA 2005-06)         | CPS 2005-06 | Rec #: 1, Pos: 62  |
| 7           | C06071        | Parents legal residents before 1-1-2000? (from FAFSA 2005-06) | CPS 2005-06 | Rec #: 1, Pos: 64  |
| 7           | C06072        | Parents legal residence date (from FAFSA 2005-06)             | CPS 2005-06 | Rec #: 1, Pos: 66  |
| 7           | C06076        | Parents adjusted gross income (from FAFSA 2005-06)            | CPS 2005-06 | Rec #: 1, Pos: 72  |
| 7           | C06077        | Parents US income tax paid (from FAFSA 2005-06)               | CPS 2005-06 | Rec #: 1, Pos: 78  |
| 7           | C06078        | Parents exemptions claimed (from FAFSA 2005-06)               | CPS 2005-06 | Rec #: 1, Pos: 84  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                              | Source      | Position           |
|-------------|---------------|-------------------------------------------------------------|-------------|--------------------|
| 7           | C06079        | Father's income earned from work (from FAFSA 2005-06)       | CPS 2005-06 | Rec #: 1, Pos: 86  |
| 7           | C06080        | Mother's income earned from work (from FAFSA 2005-06)       | CPS 2005-06 | Rec #: 1, Pos: 92  |
| 7           | C06081        | Parents total amount from worksheet A (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 98  |
| 7           | C06082        | Parents total amount from worksheet B (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 103 |
| 7           | C06083        | Parents total amount from worksheet C (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 108 |
| 7           | C06084        | Parents cash, savings, checking (from FAFSA 2005-06)        | CPS 2005-06 | Rec #: 1, Pos: 113 |
| 7           | C06085        | Parents investment net worth (from FAFSA 2005-06)           | CPS 2005-06 | Rec #: 1, Pos: 119 |
| 7           | C06086        | Parents business and/or farm net worth (from FAFSA 2005-06) | CPS 2005-06 | Rec #: 1, Pos: 125 |
| 7           | C06089        | Federal school code #1 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 131 |
| 7           | C06090        | Federal school code #1 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 137 |
| 7           | C06091        | Federal school code #2 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 139 |
| 7           | C06092        | Federal school code #2 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 145 |
| 7           | C06093        | Federal school code #3 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 147 |
| 7           | C06094        | Federal school code #3 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 153 |
| 7           | C06095        | Federal school code #4 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 155 |
| 7           | C06096        | Federal school code #4 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 161 |
| 7           | C06097        | Federal school code #5 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 163 |
| 7           | C06098        | Federal school code #5 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 169 |
| 7           | C06099        | Federal school code #6 (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 171 |
| 7           | C06100        | Federal school code #6 housing plans (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 177 |
| 7           | C06101        | Enrollment status (from FAFSA 2005-06)                      | CPS 2005-06 | Rec #: 1, Pos: 179 |
| 7           | C06110        | Dependency status (from FAFSA 2005-06)                      | CPS 2005-06 | Rec #: 1, Pos: 181 |
| 7           | C06140        | Application receipt date (from FAFSA 2005-06)               | CPS 2005-06 | Rec #: 1, Pos: 183 |
| 7           | C06152        | Pell grant eligibility flag (from FAFSA 2005-06)            | CPS 2005-06 | Rec #: 1, Pos: 191 |
| 7           | C06158        | Automatic zero EFC (from FAFSA 2005-06)                     | CPS 2005-06 | Rec #: 1, Pos: 193 |
| 7           | C06159        | Simplified needs test (SNT) (from FAFSA 2005-06)            | CPS 2005-06 | Rec #: 1, Pos: 195 |
| 7           | C06186        | Primary EFC (from FAFSA 2005-06)                            | CPS 2005-06 | Rec #: 1, Pos: 197 |
| 7           | C06188        | Primary EFC type (from FAFSA 2005-06)                       | CPS 2005-06 | Rec #: 1, Pos: 202 |
| 7           | C06212        | TI: Total Income (from FAFSA 2005-06)                       | CPS 2005-06 | Rec #: 1, Pos: 204 |
| 7           | C06213        | ATI: Allowances Against Total Income (from FAFSA 2005-06)   | CPS 2005-06 | Rec #: 1, Pos: 211 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 7           | C06214        | STX: State Tax Allowance (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 218 |
| 7           | C06215        | EA: Employment Allowance (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 225 |
| 7           | C06216        | IPA: Income Protection Allowance (from FAFSA 2005-06)         | CPS 2005-06 | Rec #: 1, Pos: 232 |
| 7           | C06217        | AI: Available Income (from FAFSA 2005-06)                     | CPS 2005-06 | Rec #: 1, Pos: 239 |
| 7           | C06218        | CAI: Contribution from available income (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 246 |
| 7           | C06219        | DNW: Discretionary Net Worth (from FAFSA 2005-06)             | CPS 2005-06 | Rec #: 1, Pos: 253 |
| 7           | C06220        | NW: Net Worth (from FAFSA 2005-06)                            | CPS 2005-06 | Rec #: 1, Pos: 262 |
| 7           | C06221        | APA: Asset Protection Allowance (from FAFSA 2005-06)          | CPS 2005-06 | Rec #: 1, Pos: 271 |
| 7           | C06222        | PCA: Parents Contribution from Assets (from FAFSA 2005-06)    | CPS 2005-06 | Rec #: 1, Pos: 280 |
| 7           | C06223        | AAI: Adjusted Available Income (from FAFSA 2005-06)           | CPS 2005-06 | Rec #: 1, Pos: 287 |
| 7           | C06224        | TSC: Total Student Contribution (from FAFSA 2005-06)          | CPS 2005-06 | Rec #: 1, Pos: 294 |
| 7           | C06225        | TPC: Total Parent Contribution (from FAFSA 2005-06)           | CPS 2005-06 | Rec #: 1, Pos: 301 |
| 7           | C06226        | PC: Parents Contribution (from FAFSA 2005-06)                 | CPS 2005-06 | Rec #: 1, Pos: 308 |
| 7           | C06227        | STI: Student's Total Income (from FAFSA 2005-06)              | CPS 2005-06 | Rec #: 1, Pos: 315 |
| 7           | C06228        | SATI: Student's Allow Agnst Total Income (from FAFSA 2005-06) | CPS 2005-06 | Rec #: 1, Pos: 322 |
| 7           | C06229        | SIC: Dependent Students Inc Contribution (from FAFSA 2005-06) | CPS 2005-06 | Rec #: 1, Pos: 329 |
| 7           | C06230        | SDNW: Student's Discretionary Net Worth (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 336 |
| 7           | C06231        | SCA: Student's Contribution from Assets (from FAFSA 2005-06)  | CPS 2005-06 | Rec #: 1, Pos: 345 |
| 7           | C06232        | FTI: FISAP total income (from FAFSA 2005-06)                  | CPS 2005-06 | Rec #: 1, Pos: 352 |
| 8           | STU_ID        | Analysis case ID                                              |             | Rec #: 1, Pos: 1   |
| 8           | C07021        | Student's state of legal residence (from FAFSA 2006-07)       | CPS 2006-07 | Rec #: 1, Pos: 7   |
| 8           | C07022        | Student legal resident before 1-1-2001? (from FAFSA 2006-07)  | CPS 2006-07 | Rec #: 1, Pos: 9   |
| 8           | C07023        | Student's legal residence date (from FAFSA 2006-07)           | CPS 2006-07 | Rec #: 1, Pos: 11  |
| 8           | C07026        | Degree/certificate (from FAFSA 2006-07)                       | CPS 2006-07 | Rec #: 1, Pos: 17  |
| 8           | C07027        | Grade level in college (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 19  |
| 8           | C07030        | Interested in student loans? (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 21  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 8           | C07031        | Interested in Work-Study? (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 23  |
| 8           | C07038        | Student's adj gross inc on IRS form (from FAFSA 2006-07)      | CPS 2006-07 | Rec #: 1, Pos: 25  |
| 8           | C07039        | Student's US income tax paid (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 31  |
| 8           | C07040        | Student's exemptions claimed (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 36  |
| 8           | C07046        | Student's cash, savings, checking (from FAFSA 2006-07)        | CPS 2006-07 | Rec #: 1, Pos: 38  |
| 8           | C07047        | Student's investment net worth (from FAFSA 2006-07)           | CPS 2006-07 | Rec #: 1, Pos: 44  |
| 8           | C07058        | Parents marital status (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 50  |
| 8           | C07068        | Parents number of family members (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 52  |
| 8           | C07069        | Parents number in college (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 54  |
| 8           | C07070        | Parents state of legal residence (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 56  |
| 8           | C07071        | Parents legal residents before 1-1-2001? (from FAFSA 2006-07) | CPS 2006-07 | Rec #: 1, Pos: 58  |
| 8           | C07072        | Parents legal residence date (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 60  |
| 8           | C07076        | Parents adjusted gross income (from FAFSA 2006-07)            | CPS 2006-07 | Rec #: 1, Pos: 66  |
| 8           | C07077        | Parents US income tax paid (from FAFSA 2006-07)               | CPS 2006-07 | Rec #: 1, Pos: 72  |
| 8           | C07078        | Parents exemptions claimed (from FAFSA 2006-07)               | CPS 2006-07 | Rec #: 1, Pos: 78  |
| 8           | C07079        | Father's income earned from work (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 80  |
| 8           | C07080        | Mother's income earned from work (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 86  |
| 8           | C07081        | Parents total amount from worksheet A (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 92  |
| 8           | C07082        | Parents total amount from worksheet B (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 97  |
| 8           | C07083        | Parents total amount from worksheet C (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 102 |
| 8           | C07084        | Parents cash, savings, checking (from FAFSA 2006-07)          | CPS 2006-07 | Rec #: 1, Pos: 107 |
| 8           | C07085        | Parents investment net worth (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 113 |
| 8           | C07086        | Parents business and/or farm net worth (from FAFSA 2006-07)   | CPS 2006-07 | Rec #: 1, Pos: 119 |
| 8           | C07089        | Federal school code #1 (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 125 |
| 8           | C07090        | Federal school code #1 housing plans (from FAFSA 2006-07)     | CPS 2006-07 | Rec #: 1, Pos: 131 |
| 8           | C07091        | Federal school code #2 (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 133 |
| 8           | C07092        | Federal school code #2 housing plans (from FAFSA 2006-07)     | CPS 2006-07 | Rec #: 1, Pos: 139 |
| 8           | C07093        | Federal school code #3 (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 141 |
| 8           | C07094        | Federal school code #3 housing plans (from FAFSA 2006-07)     | CPS 2006-07 | Rec #: 1, Pos: 147 |
| 8           | C07095        | Federal school code #4 (from FAFSA 2006-07)                   | CPS 2006-07 | Rec #: 1, Pos: 149 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                               | Source      | Position           |
|-------------|---------------|--------------------------------------------------------------|-------------|--------------------|
| 8           | C07096        | Federal school code #4 housing plans (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 155 |
| 8           | C07097        | Federal school code #5 (from FAFSA 2006-07)                  | CPS 2006-07 | Rec #: 1, Pos: 157 |
| 8           | C07098        | Federal school code #5 housing plans (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 163 |
| 8           | C07099        | Federal school code #6 (from FAFSA 2006-07)                  | CPS 2006-07 | Rec #: 1, Pos: 165 |
| 8           | C07100        | Federal school code #6 housing plans (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 171 |
| 8           | C07101        | Enrollment status (from FAFSA 2006-07)                       | CPS 2006-07 | Rec #: 1, Pos: 173 |
| 8           | C07110        | Dependency status (from FAFSA 2006-07)                       | CPS 2006-07 | Rec #: 1, Pos: 175 |
| 8           | C07140        | Application receipt date (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 177 |
| 8           | C07152        | Pell grant eligibility flag (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 185 |
| 8           | C07158        | Automatic zero EFC (from FAFSA 2006-07)                      | CPS 2006-07 | Rec #: 1, Pos: 187 |
| 8           | C07159        | Simplified needs test (SNT) (from FAFSA 2006-07)             | CPS 2006-07 | Rec #: 1, Pos: 189 |
| 8           | C07186        | Primary EFC (from FAFSA 2006-07)                             | CPS 2006-07 | Rec #: 1, Pos: 191 |
| 8           | C07188        | Primary EFC type (from FAFSA 2006-07)                        | CPS 2006-07 | Rec #: 1, Pos: 196 |
| 8           | C07212        | TI: Total Income (from FAFSA 2006-07)                        | CPS 2006-07 | Rec #: 1, Pos: 198 |
| 8           | C07213        | ATI: Allowances Against Total Income (from FAFSA 2006-07)    | CPS 2006-07 | Rec #: 1, Pos: 205 |
| 8           | C07214        | STX: State Tax Allowance (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 212 |
| 8           | C07215        | EA: Employment Allowance (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 219 |
| 8           | C07216        | IPA: Income Protection Allowance (from FAFSA 2006-07)        | CPS 2006-07 | Rec #: 1, Pos: 226 |
| 8           | C07217        | AI: Available Income (from FAFSA 2006-07)                    | CPS 2006-07 | Rec #: 1, Pos: 233 |
| 8           | C07218        | CAI: Contribution from available income (from FAFSA 2006-07) | CPS 2006-07 | Rec #: 1, Pos: 240 |
| 8           | C07219        | DNW: Discretionary Net Worth (from FAFSA 2006-07)            | CPS 2006-07 | Rec #: 1, Pos: 247 |
| 8           | C07220        | NW: Net Worth (from FAFSA 2006-07)                           | CPS 2006-07 | Rec #: 1, Pos: 256 |
| 8           | C07221        | APA: Asset Protection Allowance (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 265 |
| 8           | C07222        | PCA: Parents Contribution from Assets (from FAFSA 2006-07)   | CPS 2006-07 | Rec #: 1, Pos: 274 |
| 8           | C07223        | AAI: Adjusted Available Income (from FAFSA 2006-07)          | CPS 2006-07 | Rec #: 1, Pos: 281 |
| 8           | C07224        | TSC: Total Student Contribution (from FAFSA 2006-07)         | CPS 2006-07 | Rec #: 1, Pos: 288 |
| 8           | C07225        | TPC: Total Parent Contribution (from FAFSA 2006-07)          | CPS 2006-07 | Rec #: 1, Pos: 295 |
| 8           | C07226        | PC: Parents Contribution (from FAFSA 2006-07)                | CPS 2006-07 | Rec #: 1, Pos: 302 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                | Source      | Position           |
|-------------|---------------|---------------------------------------------------------------|-------------|--------------------|
| 8           | C07227        | STI: Student's Total Income (from FAFSA 2006-07)              | CPS 2006-07 | Rec #: 1, Pos: 309 |
| 8           | C07228        | SATI: Student's Allow Agnst Total Income (from FAFSA 2006-07) | CPS 2006-07 | Rec #: 1, Pos: 316 |
| 8           | C07229        | SIC: Dependent Students Inc Contribution (from FAFSA 2006-07) | CPS 2006-07 | Rec #: 1, Pos: 323 |
| 8           | C07230        | SDNW: Student's Discretionary Net Worth (from FAFSA 2006-07)  | CPS 2006-07 | Rec #: 1, Pos: 330 |
| 8           | C07231        | SCA: Student's Contribution from Assets (from FAFSA 2006-07)  | CPS 2006-07 | Rec #: 1, Pos: 339 |
| 8           | C07232        | FTI: FISAP total income (from FAFSA 2006-07)                  | CPS 2006-07 | Rec #: 1, Pos: 346 |
| 15          | STU_ID        | Student ID                                                    |             | Rec #: 1, Pos: 1   |
| 15          | C10TRNNM      | Transaction number                                            | CPS 2009-10 | Rec #: 1, Pos: 7   |
| 15          | C10DRIVST     | Student's Driver's License State Code                         | CPS 2009-10 | Rec #: 1, Pos: 9   |
| 15          | C10CITZN      | Student's citizenship status                                  | CPS 2009-10 | Rec #: 1, Pos: 11  |
| 15          | C10MARR       | Student's marital status                                      | CPS 2009-10 | Rec #: 1, Pos: 13  |
| 15          | C10MARDT      | Student's marital status date                                 | CPS 2009-10 | Rec #: 1, Pos: 15  |
| 15          | C10STATE      | Student's state of legal residence                            | CPS 2009-10 | Rec #: 1, Pos: 21  |
| 15          | C10RES        | Student legal resident before 1-1-2004?                       | CPS 2009-10 | Rec #: 1, Pos: 23  |
| 15          | C10RESDT      | Student's legal residence date                                | CPS 2009-10 | Rec #: 1, Pos: 25  |
| 15          | C10GENDR      | Are you male or female?                                       | CPS 2009-10 | Rec #: 1, Pos: 31  |
| 15          | C10DADED      | Father's highest grade level completed                        | CPS 2009-10 | Rec #: 1, Pos: 33  |
| 15          | C10MOMED      | Mother's highest grade level completed                        | CPS 2009-10 | Rec #: 1, Pos: 35  |
| 15          | C10HSDIP      | HS diploma or Equivalent                                      | CPS 2009-10 | Rec #: 1, Pos: 37  |
| 15          | C10FIRBA      | First bachelor degree by 7/1/2009?                            | CPS 2009-10 | Rec #: 1, Pos: 39  |
| 15          | C10GRDLVL     | Grade level in college                                        | CPS 2009-10 | Rec #: 1, Pos: 41  |
| 15          | C10DEG        | Degree/certificate                                            | CPS 2009-10 | Rec #: 1, Pos: 43  |
| 15          | C10WRKS       | Interested in Work-Study or Student Loans?                    | CPS 2009-10 | Rec #: 1, Pos: 45  |
| 15          | C10TAX        | Student's tax return completed?                               | CPS 2009-10 | Rec #: 1, Pos: 47  |
| 15          | C10TXY        | Student's type of 2008 tax form used                          | CPS 2009-10 | Rec #: 1, Pos: 49  |
| 15          | C10TXEZ       | Student eligible to file 1040A or 1040EZ                      | CPS 2009-10 | Rec #: 1, Pos: 51  |
| 15          | C10TXAGI      | Student's adj gross inc on IRS form                           | CPS 2009-10 | Rec #: 1, Pos: 53  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 15          | C10TXPD       | Student's US income tax paid                        | CPS 2009-10 | Rec #: 1, Pos: 59  |
| 15          | C10TXCLM      | Student's exemptions claimed                        | CPS 2009-10 | Rec #: 1, Pos: 64  |
| 15          | C10INC        | Student's income earned from work                   | CPS 2009-10 | Rec #: 1, Pos: 66  |
| 15          | C10INCSP      | Spouse's income earned from work                    | CPS 2009-10 | Rec #: 1, Pos: 72  |
| 15          | C10CASH       | Student's cash, savings, checking                   | CPS 2009-10 | Rec #: 1, Pos: 78  |
| 15          | C10INVT       | Student's investment net worth                      | CPS 2009-10 | Rec #: 1, Pos: 84  |
| 15          | C10BUS        | Student's business and/or investment farm net worth | CPS 2009-10 | Rec #: 1, Pos: 90  |
| 15          | C10EDCRD      | Student's Educational Credits                       | CPS 2009-10 | Rec #: 1, Pos: 96  |
| 15          | C10CSUPP      | Student's Child Support Paid                        | CPS 2009-10 | Rec #: 1, Pos: 102 |
| 15          | C10NDEMP      | Student's Need-Based Employment                     | CPS 2009-10 | Rec #: 1, Pos: 108 |
| 15          | C10GRANT      | Student's Grant/Scholarship Aid                     | CPS 2009-10 | Rec #: 1, Pos: 114 |
| 15          | C10COMPAY     | Student's Combat Pay                                | CPS 2009-10 | Rec #: 1, Pos: 120 |
| 15          | C10PENS       | Student's Pension Payments                          | CPS 2009-10 | Rec #: 1, Pos: 126 |
| 15          | C10IRA        | Student's IRA Payments                              | CPS 2009-10 | Rec #: 1, Pos: 132 |
| 15          | C10CSUPR      | Student's Child Support Received                    | CPS 2009-10 | Rec #: 1, Pos: 138 |
| 15          | C10INCINT     | Student's Interest Income                           | CPS 2009-10 | Rec #: 1, Pos: 144 |
| 15          | C10IRADIS     | Student's IRA Distributions                         | CPS 2009-10 | Rec #: 1, Pos: 150 |
| 15          | C10UPEN       | Student's Untaxed Pensions                          | CPS 2009-10 | Rec #: 1, Pos: 156 |
| 15          | C10MILIT      | Student's Military/Clergy Allowances                | CPS 2009-10 | Rec #: 1, Pos: 162 |
| 15          | C10VETBE      | Student's Veterans Noneducation Benefits            | CPS 2009-10 | Rec #: 1, Pos: 168 |
| 15          | C10INCOTH     | Student's Other Untaxed Income                      | CPS 2009-10 | Rec #: 1, Pos: 174 |
| 15          | C10ONREP      | Student's Other Non-Reported Money                  | CPS 2009-10 | Rec #: 1, Pos: 180 |
| 15          | C10BORN       | Born before 1/1/1986?                               | CPS 2009-10 | Rec #: 1, Pos: 186 |
| 15          | C10MAR        | Is student married?                                 | CPS 2009-10 | Rec #: 1, Pos: 188 |
| 15          | C10MSDOC      | Working on a Master's or Doctorate Program?         | CPS 2009-10 | Rec #: 1, Pos: 190 |
| 15          | C10ACTDUTY    | Are you on active duty in U.S Armed Forces?         | CPS 2009-10 | Rec #: 1, Pos: 192 |
| 15          | C10VET        | Veteran of US armed forces?                         | CPS 2009-10 | Rec #: 1, Pos: 194 |
| 15          | C10DEPS       | Have children you support?                          | CPS 2009-10 | Rec #: 1, Pos: 196 |
| 15          | C10DEPO       | Have legal dep other than child/spouse?             | CPS 2009-10 | Rec #: 1, Pos: 198 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                     | Source      | Position           |
|-------------|---------------|----------------------------------------------------|-------------|--------------------|
| 15          | C10ORPH       | Orphan, Ward of Court, or Foster Care              | CPS 2009-10 | Rec #: 1, Pos: 200 |
| 15          | C10MINOR      | As of today, an emancipated minor?                 | CPS 2009-10 | Rec #: 1, Pos: 202 |
| 15          | C10GUARD      | As of today, in legal guardianship?                | CPS 2009-10 | Rec #: 1, Pos: 204 |
| 15          | C10SCHLIA     | Unaccompanied youth determ by school liason?       | CPS 2009-10 | Rec #: 1, Pos: 206 |
| 15          | C10HUD        | Unaccompanied youth determined by HUD?             | CPS 2009-10 | Rec #: 1, Pos: 208 |
| 15          | C10HOMELS     | At risk of homelessness?                           | CPS 2009-10 | Rec #: 1, Pos: 210 |
| 15          | C10PARST      | Parents' marital status                            | CPS 2009-10 | Rec #: 1, Pos: 212 |
| 15          | C10PMARDT     | Parents' marital status date                       | CPS 2009-10 | Rec #: 1, Pos: 214 |
| 15          | C10PSTATE     | Parents' state of legal residence                  | CPS 2009-10 | Rec #: 1, Pos: 218 |
| 15          | C10PRES       | Parents' legal residents before 1-1-2004?          | CPS 2009-10 | Rec #: 1, Pos: 220 |
| 15          | C10PLEGDT     | Parents' legal residence date                      | CPS 2009-10 | Rec #: 1, Pos: 222 |
| 15          | C10PFAMNM     | Parents' number of family members                  | CPS 2009-10 | Rec #: 1, Pos: 228 |
| 15          | C10PCOLNM     | Parents' number in college                         | CPS 2009-10 | Rec #: 1, Pos: 230 |
| 15          | C10PSSINC     | Parent Supplemental Security Income Benefits       | CPS 2009-10 | Rec #: 1, Pos: 232 |
| 15          | C10PFOOD      | Parent Food Stamp Benefits                         | CPS 2009-10 | Rec #: 1, Pos: 234 |
| 15          | C10PFREE      | Parent Free or Reduced Price School Lunch Benefits | CPS 2009-10 | Rec #: 1, Pos: 236 |
| 15          | C10PTANF      | Parent TANF Benefits                               | CPS 2009-10 | Rec #: 1, Pos: 238 |
| 15          | C10PWIC       | Parent WIC Benefits                                | CPS 2009-10 | Rec #: 1, Pos: 240 |
| 15          | C10PTAX       | Parents' tax return completed?                     | CPS 2009-10 | Rec #: 1, Pos: 242 |
| 15          | C10PTXTY      | Parents' type of 2008 tax form used                | CPS 2009-10 | Rec #: 1, Pos: 244 |
| 15          | C10PTXEZ      | Parents' eligible to file 1040A or 1040EZ          | CPS 2009-10 | Rec #: 1, Pos: 246 |
| 15          | C10PDISLW     | Parent dislocated worker                           | CPS 2009-10 | Rec #: 1, Pos: 248 |
| 15          | C10PTXAGI     | Parents' adjusted gross income                     | CPS 2009-10 | Rec #: 1, Pos: 250 |
| 15          | C10PTXPD      | Parents' US income tax paid                        | CPS 2009-10 | Rec #: 1, Pos: 256 |
| 15          | C10PTXCLM     | Parents' exemptions claimed                        | CPS 2009-10 | Rec #: 1, Pos: 262 |
| 15          | C10FINC       | Father's/Stepfather's income earned from work      | CPS 2009-10 | Rec #: 1, Pos: 264 |
| 15          | C10MINC       | Mother's/Stepmother's income earned from work      | CPS 2009-10 | Rec #: 1, Pos: 270 |
| 15          | C10PCASH      | Parents' cash, savings, checking                   | CPS 2009-10 | Rec #: 1, Pos: 276 |
| 15          | C10PINVT      | Parents' investment net worth                      | CPS 2009-10 | Rec #: 1, Pos: 282 |
| 15          | C10PBUS       | Parents' business and/or farm net worth            | CPS 2009-10 | Rec #: 1, Pos: 288 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 15          | C10PEDCRD     | Parents' Educational Credits                        | CPS 2009-10 | Rec #: 1, Pos: 294 |
| 15          | C10PCSUPP     | Parents' Child Support Paid                         | CPS 2009-10 | Rec #: 1, Pos: 300 |
| 15          | C10PNDEMP     | Parents' Need-Based Employment                      | CPS 2009-10 | Rec #: 1, Pos: 306 |
| 15          | C10PGRANT     | Parents' Grant/Scholarship Aid                      | CPS 2009-10 | Rec #: 1, Pos: 312 |
| 15          | C10PCOMPAY    | Parents' Combat Pay                                 | CPS 2009-10 | Rec #: 1, Pos: 318 |
| 15          | C10PPENS      | Parents' Pension Payments                           | CPS 2009-10 | Rec #: 1, Pos: 324 |
| 15          | C10PIRA       | Parents' IRA Payments                               | CPS 2009-10 | Rec #: 1, Pos: 330 |
| 15          | C10PCSUPR     | Parents' Child Support Received                     | CPS 2009-10 | Rec #: 1, Pos: 336 |
| 15          | C10PINCINT    | Parents' Interest Income                            | CPS 2009-10 | Rec #: 1, Pos: 342 |
| 15          | C10PIRADIS    | Parents' IRA Distributions                          | CPS 2009-10 | Rec #: 1, Pos: 348 |
| 15          | C10PUPEN      | Parents' Untaxed Pensions                           | CPS 2009-10 | Rec #: 1, Pos: 354 |
| 15          | C10PMILIT     | Parents' Military/Clergy Allowances                 | CPS 2009-10 | Rec #: 1, Pos: 360 |
| 15          | C10PVETBE     | Parents' Veterans Noneducation Benefits             | CPS 2009-10 | Rec #: 1, Pos: 366 |
| 15          | C10PINCOTH    | Parents' Other Untaxed Income                       | CPS 2009-10 | Rec #: 1, Pos: 372 |
| 15          | C10FAMNM      | Student's number of family members                  | CPS 2009-10 | Rec #: 1, Pos: 378 |
| 15          | C10COLNM      | Student's number in college                         | CPS 2009-10 | Rec #: 1, Pos: 380 |
| 15          | C10SSINC      | Student Supplemental Security Income Benefits       | CPS 2009-10 | Rec #: 1, Pos: 382 |
| 15          | C10FOOD       | Student Food Stamp Benefits                         | CPS 2009-10 | Rec #: 1, Pos: 384 |
| 15          | C10FREE       | Student Free or Reduced Price School Lunch Benefits | CPS 2009-10 | Rec #: 1, Pos: 386 |
| 15          | C10TANF       | Student TANF Benefits                               | CPS 2009-10 | Rec #: 1, Pos: 388 |
| 15          | C10WIC        | Student WIC Benefits                                | CPS 2009-10 | Rec #: 1, Pos: 390 |
| 15          | C10DISLW      | Student/Spouse Dislocated Worker                    | CPS 2009-10 | Rec #: 1, Pos: 392 |
| 15          | C10SCH01      | Federal School code #1                              | CPS 2009-10 | Rec #: 1, Pos: 394 |
| 15          | C10HPLN01     | Federal School code #1 Housing Plans                | CPS 2009-10 | Rec #: 1, Pos: 400 |
| 15          | C10SCH02      | Federal School code #2                              | CPS 2009-10 | Rec #: 1, Pos: 402 |
| 15          | C10HPLN02     | Federal School Code #2 Housing Plans                | CPS 2009-10 | Rec #: 1, Pos: 408 |
| 15          | C10SCH03      | Federal School code #3                              | CPS 2009-10 | Rec #: 1, Pos: 410 |
| 15          | C10HPLN03     | Federal School Code #3 Housing Plans                | CPS 2009-10 | Rec #: 1, Pos: 416 |
| 15          | C10SCH04      | Federal School code #4                              | CPS 2009-10 | Rec #: 1, Pos: 418 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                        | Source      | Position           |
|-------------|---------------|---------------------------------------|-------------|--------------------|
| 15          | C10HPLN04     | Federal School Code #4 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 424 |
| 15          | C10SCH05      | Federal School code #5                | CPS 2009-10 | Rec #: 1, Pos: 426 |
| 15          | C10HPLN05     | Federal School Code #5 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 432 |
| 15          | C10SCH06      | Federal School code #6                | CPS 2009-10 | Rec #: 1, Pos: 434 |
| 15          | C10HPLN06     | Federal School Code #6 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 440 |
| 15          | C10SCH07      | Federal School code #7                | CPS 2009-10 | Rec #: 1, Pos: 442 |
| 15          | C10HPLN07     | Federal School Code #7 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 448 |
| 15          | C10SCH08      | Federal School code #8                | CPS 2009-10 | Rec #: 1, Pos: 450 |
| 15          | C10HPLN08     | Federal School Code #8 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 456 |
| 15          | C10SCH09      | Federal School code #9                | CPS 2009-10 | Rec #: 1, Pos: 458 |
| 15          | C10HPLN09     | Federal School Code #9 Housing Plans  | CPS 2009-10 | Rec #: 1, Pos: 464 |
| 15          | C10SCH10      | Federal School code #10               | CPS 2009-10 | Rec #: 1, Pos: 466 |
| 15          | C10HPLN10     | Federal School Code #10 Housing Plans | CPS 2009-10 | Rec #: 1, Pos: 472 |
| 15          | C10AP PDT     | Date application completed            | CPS 2009-10 | Rec #: 1, Pos: 474 |
| 15          | C10DEPEN      | Dependency status                     | CPS 2009-10 | Rec #: 1, Pos: 482 |
| 15          | C10TRNSRC     | Transaction Data Source/Type Code     | CPS 2009-10 | Rec #: 1, Pos: 484 |
| 15          | C10JUDG       | Professional judgment                 | CPS 2009-10 | Rec #: 1, Pos: 486 |
| 15          | C10APPSRC     | Application data source/type code     | CPS 2009-10 | Rec #: 1, Pos: 488 |
| 15          | C10APPDTR     | Application receipt date              | CPS 2009-10 | Rec #: 1, Pos: 490 |
| 15          | C10GRAD       | Graduate flag                         | CPS 2009-10 | Rec #: 1, Pos: 498 |
| 15          | C10PELL       | Pell grant eligibility flag           | CPS 2009-10 | Rec #: 1, Pos: 500 |
| 15          | C10TRNDT      | Transaction Processed Date            | CPS 2009-10 | Rec #: 1, Pos: 502 |
| 15          | C10EFCZR      | Automatic zero EFC                    | CPS 2009-10 | Rec #: 1, Pos: 510 |
| 15          | C10SNT        | Simplified needs test (SNT)           | CPS 2009-10 | Rec #: 1, Pos: 512 |
| 15          | C10PTXSTA     | Parents' calculated 2008 tax status   | CPS 2009-10 | Rec #: 1, Pos: 514 |
| 15          | C10STXSTA     | Student's calculated 2008 tax status  | CPS 2009-10 | Rec #: 1, Pos: 516 |
| 15          | C10EFCP       | Primary EFC                           | CPS 2009-10 | Rec #: 1, Pos: 518 |
| 15          | C10EFCS       | Secondary EFC                         | CPS 2009-10 | Rec #: 1, Pos: 523 |
| 15          | C10EFCPT      | Primary EFC type                      | CPS 2009-10 | Rec #: 1, Pos: 528 |
| 15          | C10EFCST      | Secondary EFC type                    | CPS 2009-10 | Rec #: 1, Pos: 530 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                            | Source      | Position           |
|-------------|---------------|-------------------------------------------|-------------|--------------------|
| 15          | C10TI         | TI: Total Income                          | CPS 2009-10 | Rec #: 1, Pos: 532 |
| 15          | C10ATI        | ATI: Allowances Against Total Income      | CPS 2009-10 | Rec #: 1, Pos: 539 |
| 15          | C10STX        | STX: State Tax Allowance                  | CPS 2009-10 | Rec #: 1, Pos: 546 |
| 15          | C10EA         | EA: Employment Allowance                  | CPS 2009-10 | Rec #: 1, Pos: 553 |
| 15          | C10IPA        | IPA: Income Protection Allowance          | CPS 2009-10 | Rec #: 1, Pos: 560 |
| 15          | C10AI         | AI: Available Income                      | CPS 2009-10 | Rec #: 1, Pos: 567 |
| 15          | C10CAI        | CAI: Contribution from available income   | CPS 2009-10 | Rec #: 1, Pos: 574 |
| 15          | C10DNW        | DNW: Discretionary Net Worth              | CPS 2009-10 | Rec #: 1, Pos: 581 |
| 15          | C10NW         | NW: Net Worth                             | CPS 2009-10 | Rec #: 1, Pos: 590 |
| 15          | C10APA        | APA: Asset Protection Allowance           | CPS 2009-10 | Rec #: 1, Pos: 599 |
| 15          | C10PCA        | PCA: Parents' Contribution from Assets    | CPS 2009-10 | Rec #: 1, Pos: 608 |
| 15          | C10AAI        | AAI: Adjusted Available Income            | CPS 2009-10 | Rec #: 1, Pos: 615 |
| 15          | C10TSC        | TSC: Total Student's Contribution         | CPS 2009-10 | Rec #: 1, Pos: 622 |
| 15          | C10TPC        | TPC: Total Parents' Contribution          | CPS 2009-10 | Rec #: 1, Pos: 629 |
| 15          | C10PC         | PC: Parents' Contribution                 | CPS 2009-10 | Rec #: 1, Pos: 636 |
| 15          | C10STI        | STI: Student's Total Income               | CPS 2009-10 | Rec #: 1, Pos: 643 |
| 15          | C10SATI       | SATI: Student's Allow Agnst Total Income  | CPS 2009-10 | Rec #: 1, Pos: 650 |
| 15          | C10SIC        | SIC: Dependent Student's Inc Contribution | CPS 2009-10 | Rec #: 1, Pos: 657 |
| 15          | C10SDNW       | SDNW: Student's Discretionary Net Worth   | CPS 2009-10 | Rec #: 1, Pos: 664 |
| 15          | C10SCA        | SCA: Student's Contribution from Assets   | CPS 2009-10 | Rec #: 1, Pos: 673 |
| 15          | C10FTI        | FTI: FISAP total income                   | CPS 2009-10 | Rec #: 1, Pos: 680 |
| 15          | C10SSACIT     | SSA citizenship flag                      | CPS 2009-10 | Rec #: 1, Pos: 687 |
| 15          | C10VA         | VA match flag                             | CPS 2009-10 | Rec #: 1, Pos: 689 |
| 16          | STU_ID        | Student ID                                |             | Rec #: 1, Pos: 1   |
| 16          | C11TRNNM      | Transaction number                        | CPS 2010-11 | Rec #: 1, Pos: 7   |
| 16          | C11DRIVST     | Student's Driver's License State Code     | CPS 2010-11 | Rec #: 1, Pos: 9   |
| 16          | C11CITZN      | Student's citizenship status              | CPS 2010-11 | Rec #: 1, Pos: 11  |
| 16          | C11MARR       | Student's marital status                  | CPS 2010-11 | Rec #: 1, Pos: 13  |
| 16          | C11MARDT      | Student's marital status date             | CPS 2010-11 | Rec #: 1, Pos: 15  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 16          | C11STATE      | Student's state of legal residence                  | CPS 2010-11 | Rec #: 1, Pos: 21  |
| 16          | C11RES        | Student legal resident before 1-1-2005?             | CPS 2010-11 | Rec #: 1, Pos: 23  |
| 16          | C11RESDT      | Student's legal residence date                      | CPS 2010-11 | Rec #: 1, Pos: 25  |
| 16          | C11GENDR      | Are you male or female?                             | CPS 2010-11 | Rec #: 1, Pos: 31  |
| 16          | C11DADED      | Father's highest grade level completed              | CPS 2010-11 | Rec #: 1, Pos: 33  |
| 16          | C11MOMED      | Mother's highest grade level completed              | CPS 2010-11 | Rec #: 1, Pos: 35  |
| 16          | C11HSDIP      | HS diploma or Equivalent                            | CPS 2010-11 | Rec #: 1, Pos: 37  |
| 16          | C11FIRBA      | First bachelor degree by 7/1/2010?                  | CPS 2010-11 | Rec #: 1, Pos: 39  |
| 16          | C11GRDLVL     | Grade level in college                              | CPS 2010-11 | Rec #: 1, Pos: 41  |
| 16          | C11DEG        | Degree/certificate                                  | CPS 2010-11 | Rec #: 1, Pos: 43  |
| 16          | C11WRKS       | Interested in Work-Study or Student Loans?          | CPS 2010-11 | Rec #: 1, Pos: 45  |
| 16          | C11TAX        | Student's tax return completed?                     | CPS 2010-11 | Rec #: 1, Pos: 47  |
| 16          | C11TXY        | Student's type of 2009 tax form used                | CPS 2010-11 | Rec #: 1, Pos: 49  |
| 16          | C11TXEZ       | Student eligible to file 1040A or 1040EZ            | CPS 2010-11 | Rec #: 1, Pos: 51  |
| 16          | C11TXAGI      | Student's adj gross inc on IRS form                 | CPS 2010-11 | Rec #: 1, Pos: 53  |
| 16          | C11TXPD       | Student's US income tax paid                        | CPS 2010-11 | Rec #: 1, Pos: 59  |
| 16          | C11TXCLM      | Student's exemptions claimed                        | CPS 2010-11 | Rec #: 1, Pos: 64  |
| 16          | C11INC        | Student's income earned from work                   | CPS 2010-11 | Rec #: 1, Pos: 66  |
| 16          | C11INCSP      | Spouse's income earned from work                    | CPS 2010-11 | Rec #: 1, Pos: 72  |
| 16          | C11CASH       | Student's cash, savings, checking                   | CPS 2010-11 | Rec #: 1, Pos: 78  |
| 16          | C11INVT       | Student's investment net worth                      | CPS 2010-11 | Rec #: 1, Pos: 84  |
| 16          | C11BUS        | Student's business and/or investment farm net worth | CPS 2010-11 | Rec #: 1, Pos: 90  |
| 16          | C11EDCRD      | Student's Educational Credits                       | CPS 2010-11 | Rec #: 1, Pos: 96  |
| 16          | C11CSUPP      | Student's Child Support Paid                        | CPS 2010-11 | Rec #: 1, Pos: 102 |
| 16          | C11NDEMP      | Student's Need-Based Employment                     | CPS 2010-11 | Rec #: 1, Pos: 108 |
| 16          | C11GRANT      | Student's Grant/Scholarship Aid                     | CPS 2010-11 | Rec #: 1, Pos: 114 |
| 16          | C11COMPAY     | Student's Combat Pay                                | CPS 2010-11 | Rec #: 1, Pos: 120 |
| 16          | C11COOP       | Student's Co-op Earnings                            | CPS 2010-11 | Rec #: 1, Pos: 126 |
| 16          | C11PENS       | Student's Pension Payments                          | CPS 2010-11 | Rec #: 1, Pos: 132 |
| 16          | C11IRA        | Student's IRA Payments                              | CPS 2010-11 | Rec #: 1, Pos: 138 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                               | Source      | Position           |
|-------------|---------------|----------------------------------------------|-------------|--------------------|
| 16          | C11CSUPR      | Student's Child Support Received             | CPS 2010-11 | Rec #: 1, Pos: 144 |
| 16          | C11INCINT     | Student's Interest Income                    | CPS 2010-11 | Rec #: 1, Pos: 150 |
| 16          | C11IRADIS     | Student's IRA Distributions                  | CPS 2010-11 | Rec #: 1, Pos: 156 |
| 16          | C11UPEN       | Student's Untaxed Pensions                   | CPS 2010-11 | Rec #: 1, Pos: 162 |
| 16          | C11MILIT      | Student's Military/Clergy Allowances         | CPS 2010-11 | Rec #: 1, Pos: 168 |
| 16          | C11VETBE      | Student's Veterans Noneducation Benefits     | CPS 2010-11 | Rec #: 1, Pos: 174 |
| 16          | C11INCOTH     | Student's Other Untaxed Income               | CPS 2010-11 | Rec #: 1, Pos: 180 |
| 16          | C11ONREP      | Student's Other Non-Reported Money           | CPS 2010-11 | Rec #: 1, Pos: 186 |
| 16          | C11BORN       | Born before 1/1/1987?                        | CPS 2010-11 | Rec #: 1, Pos: 192 |
| 16          | C11MAR        | Is student married?                          | CPS 2010-11 | Rec #: 1, Pos: 194 |
| 16          | C11MSDOC      | Working on a Master's or Doctorate Program?  | CPS 2010-11 | Rec #: 1, Pos: 196 |
| 16          | C11ACTDUTY    | Are you on active duty in U.S Armed Forces?  | CPS 2010-11 | Rec #: 1, Pos: 198 |
| 16          | C11VET        | Veteran of US armed forces?                  | CPS 2010-11 | Rec #: 1, Pos: 200 |
| 16          | C11DEPS       | Have children you support?                   | CPS 2010-11 | Rec #: 1, Pos: 202 |
| 16          | C11DEPO       | Have legal dep other than child/spouse?      | CPS 2010-11 | Rec #: 1, Pos: 204 |
| 16          | C11ORPH       | Orphan, Ward of Court, or Foster Care        | CPS 2010-11 | Rec #: 1, Pos: 206 |
| 16          | C11MINOR      | As of today, an emancipated minor?           | CPS 2010-11 | Rec #: 1, Pos: 208 |
| 16          | C11GUARD      | As of today, in legal guardianship?          | CPS 2010-11 | Rec #: 1, Pos: 210 |
| 16          | C11SCHLIA     | Unaccompanied youth determ by school liason? | CPS 2010-11 | Rec #: 1, Pos: 212 |
| 16          | C11HUD        | Unaccompanied youth determined by HUD?       | CPS 2010-11 | Rec #: 1, Pos: 214 |
| 16          | C11HOMELS     | At risk of homelessness?                     | CPS 2010-11 | Rec #: 1, Pos: 216 |
| 16          | C11PARST      | Parents' marital status                      | CPS 2010-11 | Rec #: 1, Pos: 218 |
| 16          | C11PMARDT     | Parents' marital status date                 | CPS 2010-11 | Rec #: 1, Pos: 220 |
| 16          | C11PSTATE     | Parents' state of legal residence            | CPS 2010-11 | Rec #: 1, Pos: 224 |
| 16          | C11PRES       | Parents' legal residents before 1-1-2005?    | CPS 2010-11 | Rec #: 1, Pos: 226 |
| 16          | C11PLEGDT     | Parents' legal residence date                | CPS 2010-11 | Rec #: 1, Pos: 228 |
| 16          | C11PFAMNM     | Parents' number of family members            | CPS 2010-11 | Rec #: 1, Pos: 234 |
| 16          | C11PCOLNM     | Parents' number in college                   | CPS 2010-11 | Rec #: 1, Pos: 236 |
| 16          | C11PSSINC     | Parent Supplemental Security Income Benefits | CPS 2010-11 | Rec #: 1, Pos: 238 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                     | Source      | Position           |
|-------------|---------------|----------------------------------------------------|-------------|--------------------|
| 16          | C11PFOOD      | Parent Food Stamp Benefits                         | CPS 2010-11 | Rec #: 1, Pos: 240 |
| 16          | C11PFREE      | Parent Free or Reduced Price School Lunch Benefits | CPS 2010-11 | Rec #: 1, Pos: 242 |
| 16          | C11PTANF      | Parent TANF Benefits                               | CPS 2010-11 | Rec #: 1, Pos: 244 |
| 16          | C11PWIC       | Parent WIC Benefits                                | CPS 2010-11 | Rec #: 1, Pos: 246 |
| 16          | C11PTAX       | Parents' tax return completed?                     | CPS 2010-11 | Rec #: 1, Pos: 248 |
| 16          | C11PTXTY      | Parents' type of 2009 tax form used                | CPS 2010-11 | Rec #: 1, Pos: 250 |
| 16          | C11PTXEZ      | Parents' eligible to file 1040A or 1040EZ          | CPS 2010-11 | Rec #: 1, Pos: 252 |
| 16          | C11PDISLW     | Parent dislocated worker                           | CPS 2010-11 | Rec #: 1, Pos: 254 |
| 16          | C11PTXAGI     | Parents' adjusted gross income                     | CPS 2010-11 | Rec #: 1, Pos: 256 |
| 16          | C11PTXPD      | Parents' US income tax paid                        | CPS 2010-11 | Rec #: 1, Pos: 262 |
| 16          | C11PTXCLM     | Parents' exemptions claimed                        | CPS 2010-11 | Rec #: 1, Pos: 268 |
| 16          | C11FINC       | Father's/Stepfather's income earned from work      | CPS 2010-11 | Rec #: 1, Pos: 270 |
| 16          | C11MINC       | Mother's/Stepmother's income earned from work      | CPS 2010-11 | Rec #: 1, Pos: 276 |
| 16          | C11PCASH      | Parents' cash, savings, checking                   | CPS 2010-11 | Rec #: 1, Pos: 282 |
| 16          | C11PINVT      | Parents' investment net worth                      | CPS 2010-11 | Rec #: 1, Pos: 288 |
| 16          | C11PBUS       | Parents' business and/or farm net worth            | CPS 2010-11 | Rec #: 1, Pos: 294 |
| 16          | C11PEDCRD     | Parents' Educational Credits                       | CPS 2010-11 | Rec #: 1, Pos: 300 |
| 16          | C11PCSUPP     | Parents' Child Support Paid                        | CPS 2010-11 | Rec #: 1, Pos: 306 |
| 16          | C11PNDEMP     | Parents' Need-Based Employment                     | CPS 2010-11 | Rec #: 1, Pos: 312 |
| 16          | C11PGRANT     | Parents' Grant/Scholarship Aid                     | CPS 2010-11 | Rec #: 1, Pos: 318 |
| 16          | C11PCOMPAY    | Parents' Combat Pay                                | CPS 2010-11 | Rec #: 1, Pos: 324 |
| 16          | C11PCOOP      | Parents' Co-op Earnings                            | CPS 2010-11 | Rec #: 1, Pos: 330 |
| 16          | C11PPENS      | Parents' Pension Payments                          | CPS 2010-11 | Rec #: 1, Pos: 336 |
| 16          | C11PIRA       | Parents' IRA Payments                              | CPS 2010-11 | Rec #: 1, Pos: 342 |
| 16          | C11PCSUPR     | Parents' Child Support Received                    | CPS 2010-11 | Rec #: 1, Pos: 348 |
| 16          | C11PINCINT    | Parents' Interest Income                           | CPS 2010-11 | Rec #: 1, Pos: 354 |
| 16          | C11PIRADIS    | Parents' IRA Distributions                         | CPS 2010-11 | Rec #: 1, Pos: 360 |
| 16          | C11PUPEN      | Parents' Untaxed Pensions                          | CPS 2010-11 | Rec #: 1, Pos: 366 |
| 16          | C11PMILIT     | Parents' Military/Clergy Allowances                | CPS 2010-11 | Rec #: 1, Pos: 372 |
| 16          | C11PVETBE     | Parents' Veterans Noneducation Benefits            | CPS 2010-11 | Rec #: 1, Pos: 378 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 16          | C11PINCOTH    | Parents' Other Untaxed Income                       | CPS 2010-11 | Rec #: 1, Pos: 384 |
| 16          | C11FAMNM      | Student's number of family members                  | CPS 2010-11 | Rec #: 1, Pos: 390 |
| 16          | C11COLNM      | Student's number in college                         | CPS 2010-11 | Rec #: 1, Pos: 392 |
| 16          | C11SSINC      | Student Supplemental Security Income Benefits       | CPS 2010-11 | Rec #: 1, Pos: 394 |
| 16          | C11FOOD       | Student Food Stamp Benefits                         | CPS 2010-11 | Rec #: 1, Pos: 396 |
| 16          | C11FREE       | Student Free or Reduced Price School Lunch Benefits | CPS 2010-11 | Rec #: 1, Pos: 398 |
| 16          | C11TANF       | Student TANF Benefits                               | CPS 2010-11 | Rec #: 1, Pos: 400 |
| 16          | C11WIC        | Student WIC Benefits                                | CPS 2010-11 | Rec #: 1, Pos: 402 |
| 16          | C11DISLW      | Student/Spouse Dislocated Worker                    | CPS 2010-11 | Rec #: 1, Pos: 404 |
| 16          | C11SCH01      | Federal School code #1                              | CPS 2010-11 | Rec #: 1, Pos: 406 |
| 16          | C11HPLN01     | Federal School code #1 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 412 |
| 16          | C11SCH02      | Federal School code #2                              | CPS 2010-11 | Rec #: 1, Pos: 414 |
| 16          | C11HPLN02     | Federal School Code #2 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 420 |
| 16          | C11SCH03      | Federal School code #3                              | CPS 2010-11 | Rec #: 1, Pos: 422 |
| 16          | C11HPLN03     | Federal School Code #3 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 428 |
| 16          | C11SCH04      | Federal School code #4                              | CPS 2010-11 | Rec #: 1, Pos: 430 |
| 16          | C11HPLN04     | Federal School Code #4 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 436 |
| 16          | C11SCH05      | Federal School code #5                              | CPS 2010-11 | Rec #: 1, Pos: 438 |
| 16          | C11HPLN05     | Federal School Code #5 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 444 |
| 16          | C11SCH06      | Federal School code #6                              | CPS 2010-11 | Rec #: 1, Pos: 446 |
| 16          | C11HPLN06     | Federal School Code #6 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 452 |
| 16          | C11SCH07      | Federal School code #7                              | CPS 2010-11 | Rec #: 1, Pos: 454 |
| 16          | C11HPLN07     | Federal School Code #7 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 460 |
| 16          | C11SCH08      | Federal School code #8                              | CPS 2010-11 | Rec #: 1, Pos: 462 |
| 16          | C11HPLN08     | Federal School Code #8 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 468 |
| 16          | C11SCH09      | Federal School code #9                              | CPS 2010-11 | Rec #: 1, Pos: 470 |
| 16          | C11HPLN09     | Federal School Code #9 Housing Plans                | CPS 2010-11 | Rec #: 1, Pos: 476 |
| 16          | C11SCH10      | Federal School code #10                             | CPS 2010-11 | Rec #: 1, Pos: 478 |
| 16          | C11HPLN10     | Federal School Code #10 Housing Plans               | CPS 2010-11 | Rec #: 1, Pos: 484 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                          | Source      | Position           |
|-------------|---------------|-----------------------------------------|-------------|--------------------|
| 16          | C11AP PDT     | Date application completed              | CPS 2010-11 | Rec #: 1, Pos: 486 |
| 16          | C11DEPEN      | Dependency status                       | CPS 2010-11 | Rec #: 1, Pos: 494 |
| 16          | C11TRNSRC     | Transaction Data Source/Type Code       | CPS 2010-11 | Rec #: 1, Pos: 496 |
| 16          | C11IRS        | Student IRS Request Flag                | CPS 2010-11 | Rec #: 1, Pos: 498 |
| 16          | C11PIRS       | Parent IRS Request Flag                 | CPS 2010-11 | Rec #: 1, Pos: 500 |
| 16          | C11JUDG       | Professional judgment                   | CPS 2010-11 | Rec #: 1, Pos: 502 |
| 16          | C11APPSRC     | Application data source/type code       | CPS 2010-11 | Rec #: 1, Pos: 504 |
| 16          | C11APPDTR     | Application receipt date                | CPS 2010-11 | Rec #: 1, Pos: 506 |
| 16          | C11GRAD       | Graduate flag                           | CPS 2010-11 | Rec #: 1, Pos: 514 |
| 16          | C11PELL       | Pell grant eligibility flag             | CPS 2010-11 | Rec #: 1, Pos: 516 |
| 16          | C11TRNDT      | Transaction Processed Date              | CPS 2010-11 | Rec #: 1, Pos: 518 |
| 16          | C11EFCZR      | Automatic zero EFC                      | CPS 2010-11 | Rec #: 1, Pos: 526 |
| 16          | C11SNT        | Simplified needs test (SNT)             | CPS 2010-11 | Rec #: 1, Pos: 528 |
| 16          | C11PTXSTA     | Parents' calculated 2009 tax status     | CPS 2010-11 | Rec #: 1, Pos: 530 |
| 16          | C11STXSTA     | Student's calculated 2009 tax status    | CPS 2010-11 | Rec #: 1, Pos: 532 |
| 16          | C11EFCP       | Primary EFC                             | CPS 2010-11 | Rec #: 1, Pos: 534 |
| 16          | C11EFCS       | Secondary EFC                           | CPS 2010-11 | Rec #: 1, Pos: 539 |
| 16          | C11EFCPT      | Primary EFC type                        | CPS 2010-11 | Rec #: 1, Pos: 544 |
| 16          | C11EFCST      | Secondary EFC type                      | CPS 2010-11 | Rec #: 1, Pos: 546 |
| 16          | C11TI         | TI: Total Income                        | CPS 2010-11 | Rec #: 1, Pos: 548 |
| 16          | C11ATI        | ATI: Allowances Against Total Income    | CPS 2010-11 | Rec #: 1, Pos: 555 |
| 16          | C11STX        | STX: State Tax Allowance                | CPS 2010-11 | Rec #: 1, Pos: 562 |
| 16          | C11EA         | EA: Employment Allowance                | CPS 2010-11 | Rec #: 1, Pos: 569 |
| 16          | C11IPA        | IPA: Income Protection Allowance        | CPS 2010-11 | Rec #: 1, Pos: 576 |
| 16          | C11AI         | AI: Available Income                    | CPS 2010-11 | Rec #: 1, Pos: 583 |
| 16          | C11CAI        | CAI: Contribution from available income | CPS 2010-11 | Rec #: 1, Pos: 590 |
| 16          | C11DNW        | DNW: Discretionary Net Worth            | CPS 2010-11 | Rec #: 1, Pos: 597 |
| 16          | C11NW         | NW: Net Worth                           | CPS 2010-11 | Rec #: 1, Pos: 606 |
| 16          | C11APA        | APA: Asset Protection Allowance         | CPS 2010-11 | Rec #: 1, Pos: 615 |
| 16          | C11PCA        | PCA: Parents' Contribution from Assets  | CPS 2010-11 | Rec #: 1, Pos: 624 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                            | Source      | Position           |
|-------------|---------------|-------------------------------------------|-------------|--------------------|
| 16          | C11AAI        | AAI: Adjusted Available Income            | CPS 2010-11 | Rec #: 1, Pos: 631 |
| 16          | C11TSC        | TSC: Total Student's Contribution         | CPS 2010-11 | Rec #: 1, Pos: 638 |
| 16          | C11TPC        | TPC: Total Parents' Contribution          | CPS 2010-11 | Rec #: 1, Pos: 645 |
| 16          | C11PC         | PC: Parents' Contribution                 | CPS 2010-11 | Rec #: 1, Pos: 652 |
| 16          | C11STI        | STI: Student's Total Income               | CPS 2010-11 | Rec #: 1, Pos: 659 |
| 16          | C11SATI       | SATI: Student's Allow Agnst Total Income  | CPS 2010-11 | Rec #: 1, Pos: 666 |
| 16          | C11SIC        | SIC: Dependent Student's Inc Contribution | CPS 2010-11 | Rec #: 1, Pos: 673 |
| 16          | C11SDNW       | SDNW: Student's Discretionary Net Worth   | CPS 2010-11 | Rec #: 1, Pos: 680 |
| 16          | C11SCA        | SCA: Student's Contribution from Assets   | CPS 2010-11 | Rec #: 1, Pos: 689 |
| 16          | C11FTI        | FTI: FISAP total income                   | CPS 2010-11 | Rec #: 1, Pos: 696 |
| 16          | C11SSACIT     | SSA citizenship flag                      | CPS 2010-11 | Rec #: 1, Pos: 703 |
| 16          | C11VA         | VA match flag                             | CPS 2010-11 | Rec #: 1, Pos: 705 |
| 17          | STU_ID        | Student ID                                |             | Rec #: 1, Pos: 1   |
| 17          | C12TRNNM      | Transaction number                        | CPS 2011-12 | Rec #: 1, Pos: 7   |
| 17          | C12DRIVST     | Student's Driver's License State Code     | CPS 2011-12 | Rec #: 1, Pos: 9   |
| 17          | C12CITZN      | Student's driver's license state          | CPS 2011-12 | Rec #: 1, Pos: 11  |
| 17          | C12MARR       | Student's marital status                  | CPS 2011-12 | Rec #: 1, Pos: 13  |
| 17          | C12MARDT      | Student's marital status date             | CPS 2011-12 | Rec #: 1, Pos: 15  |
| 17          | C12STATE      | Student's state of legal residence        | CPS 2011-12 | Rec #: 1, Pos: 21  |
| 17          | C12RES        | Student legal resident before 1-1-2006?   | CPS 2011-12 | Rec #: 1, Pos: 23  |
| 17          | C12RESDT      | Student's legal residence date            | CPS 2011-12 | Rec #: 1, Pos: 25  |
| 17          | C12GENDR      | Are you male or female?                   | CPS 2011-12 | Rec #: 1, Pos: 31  |
| 17          | C12DADED      | Father's highest grade level completed    | CPS 2011-12 | Rec #: 1, Pos: 33  |
| 17          | C12MOMED      | Mother's highest grade level completed    | CPS 2011-12 | Rec #: 1, Pos: 35  |
| 17          | C12HSDIP      | HS diploma or Equivalent                  | CPS 2011-12 | Rec #: 1, Pos: 37  |
| 17          | C12HSCOD      | High School Code                          | CPS 2011-12 | Rec #: 1, Pos: 39  |
| 17          | C12FIRBA      | First bachelor degree by 7/1/2011?        | CPS 2011-12 | Rec #: 1, Pos: 51  |
| 17          | C12GRDLVL     | Grade level in college                    | CPS 2011-12 | Rec #: 1, Pos: 53  |
| 17          | C12DEG        | Degree/certificate                        | CPS 2011-12 | Rec #: 1, Pos: 55  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                             | Source      | Position           |
|-------------|---------------|--------------------------------------------|-------------|--------------------|
| 17          | C12WRKS       | Interested in Work-Study or Student Loans? | CPS 2011-12 | Rec #: 1, Pos: 57  |
| 17          | C12TAX        | Student's tax return completed?            | CPS 2011-12 | Rec #: 1, Pos: 59  |
| 17          | C12TXTY       | Student's type of 2010 tax form used       | CPS 2011-12 | Rec #: 1, Pos: 61  |
| 17          | C12TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS 2011-12 | Rec #: 1, Pos: 63  |
| 17          | C12TXAGI      | Student's adj gross inc on IRS form        | CPS 2011-12 | Rec #: 1, Pos: 65  |
| 17          | C12TXPD       | Student's US income tax paid               | CPS 2011-12 | Rec #: 1, Pos: 71  |
| 17          | C12TXCLM      | Student's exemptions claimed               | CPS 2011-12 | Rec #: 1, Pos: 76  |
| 17          | C12INC        | Student's income earned from work          | CPS 2011-12 | Rec #: 1, Pos: 78  |
| 17          | C12INCSP      | Spouse's income earned from work           | CPS 2011-12 | Rec #: 1, Pos: 84  |
| 17          | C12CASH       | Student's cash, savings, checking          | CPS 2011-12 | Rec #: 1, Pos: 90  |
| 17          | C12INVT       | Student's investment net worth             | CPS 2011-12 | Rec #: 1, Pos: 96  |
| 17          | C12BUS        | Student's business and/or farm net worth   | CPS 2011-12 | Rec #: 1, Pos: 102 |
| 17          | C12EDCRD      | Student's Educational Credits              | CPS 2011-12 | Rec #: 1, Pos: 108 |
| 17          | C12CSUPP      | Student's Child Support Paid               | CPS 2011-12 | Rec #: 1, Pos: 114 |
| 17          | C12NDEMP      | Student's Need-Based Employment            | CPS 2011-12 | Rec #: 1, Pos: 120 |
| 17          | C12GRANT      | Student's Grant/Scholarship Aid            | CPS 2011-12 | Rec #: 1, Pos: 126 |
| 17          | C12COMPAY     | Student's Combat Pay                       | CPS 2011-12 | Rec #: 1, Pos: 132 |
| 17          | C12COOP       | Student's Co-op Pay                        | CPS 2011-12 | Rec #: 1, Pos: 138 |
| 17          | C12PENS       | Student's Pension Payments                 | CPS 2011-12 | Rec #: 1, Pos: 144 |
| 17          | C12IRA        | Student's IRA Payments                     | CPS 2011-12 | Rec #: 1, Pos: 150 |
| 17          | C12CSUPR      | Student's Child Support Received           | CPS 2011-12 | Rec #: 1, Pos: 156 |
| 17          | C12INCINT     | Student's Interest Income                  | CPS 2011-12 | Rec #: 1, Pos: 162 |
| 17          | C12IRADIS     | Student's IRA Distributions                | CPS 2011-12 | Rec #: 1, Pos: 168 |
| 17          | C12UPEN       | Student's Untaxed Pensions                 | CPS 2011-12 | Rec #: 1, Pos: 174 |
| 17          | C12MILIT      | Student's Military/Clergy Allowances       | CPS 2011-12 | Rec #: 1, Pos: 180 |
| 17          | C12VETBE      | Student's Veterans Noneducation Benefits   | CPS 2011-12 | Rec #: 1, Pos: 186 |
| 17          | C12INCOTH     | Student's Other Untaxed Income             | CPS 2011-12 | Rec #: 1, Pos: 192 |
| 17          | C12ONREP      | Student's Other Non-Reported Money         | CPS 2011-12 | Rec #: 1, Pos: 198 |
| 17          | C12BORN       | Born before 1/1/1988?                      | CPS 2011-12 | Rec #: 1, Pos: 204 |
| 17          | C12MAR        | Is student married?                        | CPS 2011-12 | Rec #: 1, Pos: 206 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 17          | C12MSDOC      | Working on a Master's or Doctorate Program?         | CPS 2011-12 | Rec #: 1, Pos: 208 |
| 17          | C12ACTDUTY    | Are you on active duty in U.S Armed Forces?         | CPS 2011-12 | Rec #: 1, Pos: 210 |
| 17          | C12VET        | Veteran of US armed forces?                         | CPS 2011-12 | Rec #: 1, Pos: 212 |
| 17          | C12DEPS       | Have children you support?                          | CPS 2011-12 | Rec #: 1, Pos: 214 |
| 17          | C12DEPO       | Have legal dep other than child/spouse?             | CPS 2011-12 | Rec #: 1, Pos: 216 |
| 17          | C12ORPH       | Orphan, Ward of Court, or Foster Care               | CPS 2011-12 | Rec #: 1, Pos: 218 |
| 17          | C12MINOR      | As of today, an emancipated minor?                  | CPS 2011-12 | Rec #: 1, Pos: 220 |
| 17          | C12GUARD      | As of today, in legal guardianship?                 | CPS 2011-12 | Rec #: 1, Pos: 222 |
| 17          | C12SCHLIA     | Unaccompanied youth determ by school liaison?       | CPS 2011-12 | Rec #: 1, Pos: 224 |
| 17          | C12HUD        | Unaccompanied youth determined by HUD?              | CPS 2011-12 | Rec #: 1, Pos: 226 |
| 17          | C12HOMELS     | At risk of homelessness?                            | CPS 2011-12 | Rec #: 1, Pos: 228 |
| 17          | C12PARST      | Parents' marital status                             | CPS 2011-12 | Rec #: 1, Pos: 230 |
| 17          | C12PMARDT     | Parents' marital status date                        | CPS 2011-12 | Rec #: 1, Pos: 232 |
| 17          | C12PSTATE     | Parents' state of legal residence                   | CPS 2011-12 | Rec #: 1, Pos: 236 |
| 17          | C12PRES       | Parents' legal residents before 1-1-2006?           | CPS 2011-12 | Rec #: 1, Pos: 238 |
| 17          | C12PLEGDT     | Parents' legal residence date                       | CPS 2011-12 | Rec #: 1, Pos: 240 |
| 17          | C12PFAMNM     | Parents' number of family members                   | CPS 2011-12 | Rec #: 1, Pos: 246 |
| 17          | C12PCOLNM     | Parents' number in college                          | CPS 2011-12 | Rec #: 1, Pos: 248 |
| 17          | C12PSSINC     | Parent' Supplemental Security Income Benefits       | CPS 2011-12 | Rec #: 1, Pos: 250 |
| 17          | C12PFOOD      | Parent' Food Stamp Benefits                         | CPS 2011-12 | Rec #: 1, Pos: 252 |
| 17          | C12PFREE      | Parent' Free or Reduced Price School Lunch Benefits | CPS 2011-12 | Rec #: 1, Pos: 254 |
| 17          | C12PTANF      | Parent' TANF Benefits                               | CPS 2011-12 | Rec #: 1, Pos: 256 |
| 17          | C12PWIC       | Parent' WIC Benefits                                | CPS 2011-12 | Rec #: 1, Pos: 258 |
| 17          | C12PTAX       | Parents' tax return completed?                      | CPS 2011-12 | Rec #: 1, Pos: 260 |
| 17          | C12PTXTY      | Parents' type of 2010 tax form used                 | CPS 2011-12 | Rec #: 1, Pos: 262 |
| 17          | C12PTXEZ      | Parents' eligible to file 1040A or 1040EZ           | CPS 2011-12 | Rec #: 1, Pos: 264 |
| 17          | C12PDISLW     | Parent dislocated worker                            | CPS 2011-12 | Rec #: 1, Pos: 266 |
| 17          | C12PTXAGI     | Parents' adjusted gross income                      | CPS 2011-12 | Rec #: 1, Pos: 268 |
| 17          | C12PTXPD      | Parents' US income tax paid                         | CPS 2011-12 | Rec #: 1, Pos: 274 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 17          | C12PTXCLM     | Parents' exemptions claimed                         | CPS 2011-12 | Rec #: 1, Pos: 280 |
| 17          | C12FINC       | Father's income earned from work                    | CPS 2011-12 | Rec #: 1, Pos: 282 |
| 17          | C12MINC       | Mother's income earned from work                    | CPS 2011-12 | Rec #: 1, Pos: 288 |
| 17          | C12PCASH      | Parents' cash, savings, checking                    | CPS 2011-12 | Rec #: 1, Pos: 294 |
| 17          | C12PINVT      | Parents' investment net worth                       | CPS 2011-12 | Rec #: 1, Pos: 300 |
| 17          | C12PBUS       | Parents' business and/or farm net worth             | CPS 2011-12 | Rec #: 1, Pos: 306 |
| 17          | C12PEDCRD     | Parents' Educational Credits                        | CPS 2011-12 | Rec #: 1, Pos: 312 |
| 17          | C12PCSUPP     | Parents' Child Support Paid                         | CPS 2011-12 | Rec #: 1, Pos: 318 |
| 17          | C12PNDEMP     | Parents' Need-Based Employment                      | CPS 2011-12 | Rec #: 1, Pos: 324 |
| 17          | C12PGRANT     | Parents' Grant/Scholarship Aid                      | CPS 2011-12 | Rec #: 1, Pos: 330 |
| 17          | C12PCOMPAY    | Parents' Combat Pay                                 | CPS 2011-12 | Rec #: 1, Pos: 336 |
| 17          | C12PCOOP      | Parents' Co-op Pay                                  | CPS 2011-12 | Rec #: 1, Pos: 342 |
| 17          | C12PPENS      | Parents' Pension Payments                           | CPS 2011-12 | Rec #: 1, Pos: 348 |
| 17          | C12PIRA       | Parents' IRA Payments                               | CPS 2011-12 | Rec #: 1, Pos: 354 |
| 17          | C12PCSUPR     | Parents' Child Support Received                     | CPS 2011-12 | Rec #: 1, Pos: 360 |
| 17          | C12PINCINT    | Parents' Interest Income                            | CPS 2011-12 | Rec #: 1, Pos: 366 |
| 17          | C12PIRADIS    | Parents' IRA Distributions                          | CPS 2011-12 | Rec #: 1, Pos: 372 |
| 17          | C12PUPEN      | Parents' Untaxed Pensions                           | CPS 2011-12 | Rec #: 1, Pos: 378 |
| 17          | C12PMILIT     | Parents' Military/Clergy Allowances                 | CPS 2011-12 | Rec #: 1, Pos: 384 |
| 17          | C12PVETBE     | Parents' Veterans Noneducation Benefits             | CPS 2011-12 | Rec #: 1, Pos: 390 |
| 17          | C12PINCOTH    | Parents' Other Untaxed Income                       | CPS 2011-12 | Rec #: 1, Pos: 396 |
| 17          | C12FAMNM      | Student's number of family members                  | CPS 2011-12 | Rec #: 1, Pos: 402 |
| 17          | C12COLNM      | Student's number in college                         | CPS 2011-12 | Rec #: 1, Pos: 404 |
| 17          | C12SSINC      | Student Supplemental Security Income Benefits       | CPS 2011-12 | Rec #: 1, Pos: 406 |
| 17          | C12FOOD       | Student Food Stamp Benefits                         | CPS 2011-12 | Rec #: 1, Pos: 408 |
| 17          | C12FREE       | Student Free or Reduced Price School Lunch Benefits | CPS 2011-12 | Rec #: 1, Pos: 410 |
| 17          | C12TANF       | Student TANF Benefits                               | CPS 2011-12 | Rec #: 1, Pos: 412 |
| 17          | C12WIC        | Student WIC Benefits                                | CPS 2011-12 | Rec #: 1, Pos: 414 |
| 17          | C12DISLW      | Student/Spouse Dislocated Worker                    | CPS 2011-12 | Rec #: 1, Pos: 416 |
| 17          | C12SCH01      | Federal School code #1                              | CPS 2011-12 | Rec #: 1, Pos: 418 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                        | Source      | Position           |
|-------------|---------------|---------------------------------------|-------------|--------------------|
| 17          | C12HPLN01     | Federal School code #1 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 424 |
| 17          | C12SCH02      | Federal School code #2                | CPS 2011-12 | Rec #: 1, Pos: 426 |
| 17          | C12HPLN02     | Federal School Code #2 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 432 |
| 17          | C12SCH03      | Federal School code #3                | CPS 2011-12 | Rec #: 1, Pos: 434 |
| 17          | C12HPLN03     | Federal School Code #3 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 440 |
| 17          | C12SCH04      | Federal School code #4                | CPS 2011-12 | Rec #: 1, Pos: 442 |
| 17          | C12HPLN04     | Federal School Code #4 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 448 |
| 17          | C12SCH05      | Federal School code #5                | CPS 2011-12 | Rec #: 1, Pos: 450 |
| 17          | C12HPLN05     | Federal School Code #5 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 456 |
| 17          | C12SCH06      | Federal School code #6                | CPS 2011-12 | Rec #: 1, Pos: 458 |
| 17          | C12HPLN06     | Federal School Code #6 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 464 |
| 17          | C12SCH07      | Federal School code #7                | CPS 2011-12 | Rec #: 1, Pos: 466 |
| 17          | C12HPLN07     | Federal School Code #7 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 472 |
| 17          | C12SCH08      | Federal School code #8                | CPS 2011-12 | Rec #: 1, Pos: 474 |
| 17          | C12HPLN08     | Federal School Code #8 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 480 |
| 17          | C12SCH09      | Federal School code #9                | CPS 2011-12 | Rec #: 1, Pos: 482 |
| 17          | C12HPLN09     | Federal School Code #9 Housing Plans  | CPS 2011-12 | Rec #: 1, Pos: 488 |
| 17          | C12SCH10      | Federal School code #10               | CPS 2011-12 | Rec #: 1, Pos: 490 |
| 17          | C12HPLN10     | Federal School Code #10 Housing Plans | CPS 2011-12 | Rec #: 1, Pos: 496 |
| 17          | C12AP PDT     | Date application completed            | CPS 2011-12 | Rec #: 1, Pos: 498 |
| 17          | C12DEPEN      | Dependency status                     | CPS 2011-12 | Rec #: 1, Pos: 506 |
| 17          | C12TRNSRC     | Transaction Data Source/Type Code     | CPS 2011-12 | Rec #: 1, Pos: 508 |
| 17          | C12IRS        | Student IRS Request Flag              | CPS 2011-12 | Rec #: 1, Pos: 510 |
| 17          | C12PIRS       | Parent IRS Request Flag               | CPS 2011-12 | Rec #: 1, Pos: 512 |
| 17          | C12JUDG       | Professional judgment                 | CPS 2011-12 | Rec #: 1, Pos: 514 |
| 17          | C12APPSRC     | Application data source/type code     | CPS 2011-12 | Rec #: 1, Pos: 516 |
| 17          | C12APDTR      | Application receipt date              | CPS 2011-12 | Rec #: 1, Pos: 518 |
| 17          | C12GRAD       | Graduate flag                         | CPS 2011-12 | Rec #: 1, Pos: 526 |
| 17          | C12PELL       | Pell grant eligibility flag           | CPS 2011-12 | Rec #: 1, Pos: 528 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                            | Source      | Position           |
|-------------|---------------|-------------------------------------------|-------------|--------------------|
| 17          | C12TRNDT      | Transaction Processed Date                | CPS 2011-12 | Rec #: 1, Pos: 530 |
| 17          | C12EFCZR      | Automatic zero EFC                        | CPS 2011-12 | Rec #: 1, Pos: 538 |
| 17          | C12SNT        | Simplified needs test (SNT)               | CPS 2011-12 | Rec #: 1, Pos: 540 |
| 17          | C12STXSTA     | Student's calculated 2010 tax status      | CPS 2011-12 | Rec #: 1, Pos: 542 |
| 17          | C12HSFLG      | High School Flag                          | CPS 2011-12 | Rec #: 1, Pos: 544 |
| 17          | C12EFCP       | Primary EFC                               | CPS 2011-12 | Rec #: 1, Pos: 546 |
| 17          | C12EFCS       | Secondary EFC                             | CPS 2011-12 | Rec #: 1, Pos: 551 |
| 17          | C12EFCPT      | Primary EFC type                          | CPS 2011-12 | Rec #: 1, Pos: 556 |
| 17          | C12EFCST      | Secondary EFC type                        | CPS 2011-12 | Rec #: 1, Pos: 558 |
| 17          | C12TI         | TI: Total Income                          | CPS 2011-12 | Rec #: 1, Pos: 560 |
| 17          | C12ATI        | ATI: Allowances Against Total Income      | CPS 2011-12 | Rec #: 1, Pos: 567 |
| 17          | C12STX        | STX: State Tax Allowance                  | CPS 2011-12 | Rec #: 1, Pos: 574 |
| 17          | C12EA         | EA: Employment Allowance                  | CPS 2011-12 | Rec #: 1, Pos: 581 |
| 17          | C12IPA        | IPA: Income Protection Allowance          | CPS 2011-12 | Rec #: 1, Pos: 588 |
| 17          | C12AI         | AI: Available Income                      | CPS 2011-12 | Rec #: 1, Pos: 595 |
| 17          | C12CAI        | CAI: Contribution from available income   | CPS 2011-12 | Rec #: 1, Pos: 602 |
| 17          | C12DNW        | DNW: Discretionary Net Worth              | CPS 2011-12 | Rec #: 1, Pos: 609 |
| 17          | C12NW         | NW: Net Worth                             | CPS 2011-12 | Rec #: 1, Pos: 618 |
| 17          | C12APA        | APA: Asset Protection Allowance           | CPS 2011-12 | Rec #: 1, Pos: 627 |
| 17          | C12AAI        | AAI: Adjusted Available Income            | CPS 2011-12 | Rec #: 1, Pos: 636 |
| 17          | C12TSC        | TSC: Total Student's Contribution         | CPS 2011-12 | Rec #: 1, Pos: 643 |
| 17          | C12SATI       | SATI: Student's Allow Agnst Total Income  | CPS 2011-12 | Rec #: 1, Pos: 650 |
| 17          | C12SIC        | SIC: Dependent Student's Inc Contribution | CPS 2011-12 | Rec #: 1, Pos: 657 |
| 17          | C12SDNW       | SDNW: Student's Discretionary Net Worth   | CPS 2011-12 | Rec #: 1, Pos: 664 |
| 17          | C12SCA        | SCA: Student's Contribution from Assets   | CPS 2011-12 | Rec #: 1, Pos: 673 |
| 17          | C12FTI        | FTI: FISAP total income                   | CPS 2011-12 | Rec #: 1, Pos: 680 |
| 17          | C12SSACIT     | SSA citizenship flag                      | CPS 2011-12 | Rec #: 1, Pos: 687 |
| 17          | C12VA         | VA match flag                             | CPS 2011-12 | Rec #: 1, Pos: 689 |
| 18          | STU_ID        | Student ID                                |             | Rec #: 1, Pos: 1   |
| 18          | C13TRNNM      | Transaction number                        | CPS 2012-13 | Rec #: 1, Pos: 7   |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                             | Source      | Position           |
|-------------|---------------|--------------------------------------------|-------------|--------------------|
| 18          | C13DRIVST     | Student's Driver's License State Code      | CPS 2012-13 | Rec #: 1, Pos: 9   |
| 18          | C13CITZN      | Student's citizenship status               | CPS 2012-13 | Rec #: 1, Pos: 11  |
| 18          | C13MARR       | Student's marital status                   | CPS 2012-13 | Rec #: 1, Pos: 13  |
| 18          | C13MARDT      | Student's marital status date              | CPS 2012-13 | Rec #: 1, Pos: 15  |
| 18          | C13STATE      | Student's state of legal residence         | CPS 2012-13 | Rec #: 1, Pos: 21  |
| 18          | C13RES        | Student legal resident before 1-1-2007?    | CPS 2012-13 | Rec #: 1, Pos: 23  |
| 18          | C13RESDT      | Student's legal residence date             | CPS 2012-13 | Rec #: 1, Pos: 25  |
| 18          | C13GENDR      | Are you male or female?                    | CPS 2012-13 | Rec #: 1, Pos: 31  |
| 18          | C13DADED      | Father's highest grade level completed     | CPS 2012-13 | Rec #: 1, Pos: 33  |
| 18          | C13MOMED      | Mother's highest grade level completed     | CPS 2012-13 | Rec #: 1, Pos: 35  |
| 18          | C13HSDIP      | HS diploma or Equivalent                   | CPS 2012-13 | Rec #: 1, Pos: 37  |
| 18          | C13HSCOD      | High School Code                           | CPS 2012-13 | Rec #: 1, Pos: 39  |
| 18          | C13FIRBA      | First bachelor degree by 7/1/2012?         | CPS 2012-13 | Rec #: 1, Pos: 51  |
| 18          | C13GRDLVL     | Grade level in college                     | CPS 2012-13 | Rec #: 1, Pos: 53  |
| 18          | C13DEG        | Degree/certificate                         | CPS 2012-13 | Rec #: 1, Pos: 55  |
| 18          | C13WRKS       | Interested in Work-Study or Student Loans? | CPS 2012-13 | Rec #: 1, Pos: 57  |
| 18          | C13TAX        | Student's tax return completed?            | CPS 2012-13 | Rec #: 1, Pos: 59  |
| 18          | C13TXTY       | Student's type of 2011 tax form used       | CPS 2012-13 | Rec #: 1, Pos: 61  |
| 18          | C13TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS 2012-13 | Rec #: 1, Pos: 63  |
| 18          | C13TXAGI      | Student's adj gross inc on IRS form        | CPS 2012-13 | Rec #: 1, Pos: 65  |
| 18          | C13TXPD       | Student's US income tax paid               | CPS 2012-13 | Rec #: 1, Pos: 71  |
| 18          | C13TXCLM      | Student's exemptions claimed               | CPS 2012-13 | Rec #: 1, Pos: 76  |
| 18          | C13INC        | Student's income earned from work          | CPS 2012-13 | Rec #: 1, Pos: 78  |
| 18          | C13INCSP      | Spouse's income earned from work           | CPS 2012-13 | Rec #: 1, Pos: 84  |
| 18          | C13CASH       | Student's cash, savings, checking          | CPS 2012-13 | Rec #: 1, Pos: 90  |
| 18          | C13INVT       | Student's investment net worth             | CPS 2012-13 | Rec #: 1, Pos: 96  |
| 18          | C13BUS        | Student's business and/or farm net worth   | CPS 2012-13 | Rec #: 1, Pos: 102 |
| 18          | C13EDCRD      | Student's Educational Credits              | CPS 2012-13 | Rec #: 1, Pos: 108 |
| 18          | C13CSUPP      | Student's Child Support Paid               | CPS 2012-13 | Rec #: 1, Pos: 114 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                | Source      | Position           |
|-------------|---------------|-----------------------------------------------|-------------|--------------------|
| 18          | C13NDEMP      | Student's Need-Based Employment               | CPS 2012-13 | Rec #: 1, Pos: 120 |
| 18          | C13GRANT      | Student's Grant/Scholarship Aid               | CPS 2012-13 | Rec #: 1, Pos: 126 |
| 18          | C13COMPAY     | Student's Combat Pay                          | CPS 2012-13 | Rec #: 1, Pos: 132 |
| 18          | C13COOP       | Student's Co-op Pay                           | CPS 2012-13 | Rec #: 1, Pos: 138 |
| 18          | C13PENS       | Student's Pension Payments                    | CPS 2012-13 | Rec #: 1, Pos: 144 |
| 18          | C13IRA        | Student's IRA Payments                        | CPS 2012-13 | Rec #: 1, Pos: 150 |
| 18          | C13CSUPR      | Student's Child Support Received              | CPS 2012-13 | Rec #: 1, Pos: 156 |
| 18          | C13INCINT     | Student's Interest Income                     | CPS 2012-13 | Rec #: 1, Pos: 162 |
| 18          | C13IRADIS     | Student's IRA Distributions                   | CPS 2012-13 | Rec #: 1, Pos: 168 |
| 18          | C13UPEN       | Student's Untaxed Pensions                    | CPS 2012-13 | Rec #: 1, Pos: 174 |
| 18          | C13MILIT      | Student's Military/Clergy Allowances          | CPS 2012-13 | Rec #: 1, Pos: 180 |
| 18          | C13VETBE      | Student's Veterans Noneducation Benefits      | CPS 2012-13 | Rec #: 1, Pos: 186 |
| 18          | C13INCOTH     | Student's Other Untaxed Income                | CPS 2012-13 | Rec #: 1, Pos: 192 |
| 18          | C13ONREP      | Student's Other Non-Reported Money            | CPS 2012-13 | Rec #: 1, Pos: 198 |
| 18          | C13BORN       | Born before 1/1/1989?                         | CPS 2012-13 | Rec #: 1, Pos: 204 |
| 18          | C13MAR        | Is student married?                           | CPS 2012-13 | Rec #: 1, Pos: 206 |
| 18          | C13MSDOC      | Working on a Master's or Doctorate Program?   | CPS 2012-13 | Rec #: 1, Pos: 208 |
| 18          | C13ACTDUTY    | Are you on active duty in U.S Armed Forces?   | CPS 2012-13 | Rec #: 1, Pos: 210 |
| 18          | C13VET        | Veteran of US armed forces?                   | CPS 2012-13 | Rec #: 1, Pos: 212 |
| 18          | C13DEPS       | Have children you support?                    | CPS 2012-13 | Rec #: 1, Pos: 214 |
| 18          | C13DEPO       | Have legal dep other than child/spouse?       | CPS 2012-13 | Rec #: 1, Pos: 216 |
| 18          | C13ORPH       | Orphan, Ward of Court, or Foster Care         | CPS 2012-13 | Rec #: 1, Pos: 218 |
| 18          | C13MINOR      | As of today, an emancipated minor?            | CPS 2012-13 | Rec #: 1, Pos: 220 |
| 18          | C13GUARD      | As of today, in legal guardianship?           | CPS 2012-13 | Rec #: 1, Pos: 222 |
| 18          | C13SCHLIA     | Unaccompanied youth determ by school liaison? | CPS 2012-13 | Rec #: 1, Pos: 224 |
| 18          | C13HUD        | Unaccompanied youth determined by HUD?        | CPS 2012-13 | Rec #: 1, Pos: 226 |
| 18          | C13HOMELS     | At risk of homelessness?                      | CPS 2012-13 | Rec #: 1, Pos: 228 |
| 18          | C13PARST      | Parents' marital status                       | CPS 2012-13 | Rec #: 1, Pos: 230 |
| 18          | C13PMARDT     | Parents' marital status date                  | CPS 2012-13 | Rec #: 1, Pos: 232 |
| 18          | C13PSTATE     | Parents' state of legal residence             | CPS 2012-13 | Rec #: 1, Pos: 236 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 18          | C13PRES       | Parents' legal residents before 1-1-2007?           | CPS 2012-13 | Rec #: 1, Pos: 238 |
| 18          | C13PLEGDT     | Parents' legal residence date                       | CPS 2012-13 | Rec #: 1, Pos: 240 |
| 18          | C13PFAMNM     | Parents' number of family members                   | CPS 2012-13 | Rec #: 1, Pos: 246 |
| 18          | C13PCOLNM     | Parents' number in college                          | CPS 2012-13 | Rec #: 1, Pos: 248 |
| 18          | C13PSSINC     | Parent' Supplemental Security Income Benefits       | CPS 2012-13 | Rec #: 1, Pos: 250 |
| 18          | C13PFOOD      | Parent' Food Stamp Benefits                         | CPS 2012-13 | Rec #: 1, Pos: 252 |
| 18          | C13PFREE      | Parent' Free or Reduced Price School Lunch Benefits | CPS 2012-13 | Rec #: 1, Pos: 254 |
| 18          | C13PTANF      | Parent' TANF Benefits                               | CPS 2012-13 | Rec #: 1, Pos: 256 |
| 18          | C13PWIC       | Parent' WIC Benefits                                | CPS 2012-13 | Rec #: 1, Pos: 258 |
| 18          | C13PTAX       | Parents' tax return completed?                      | CPS 2012-13 | Rec #: 1, Pos: 260 |
| 18          | C13PTXTY      | Parents' type of 2011 tax form used                 | CPS 2012-13 | Rec #: 1, Pos: 262 |
| 18          | C13PTXEZ      | Parents' eligible to file 1040A or 1040EZ           | CPS 2012-13 | Rec #: 1, Pos: 264 |
| 18          | C13PDISLW     | Parent dislocated worker                            | CPS 2012-13 | Rec #: 1, Pos: 266 |
| 18          | C13PTXAGI     | Parents' adjusted gross income                      | CPS 2012-13 | Rec #: 1, Pos: 268 |
| 18          | C13PTXPD      | Parents' US income tax paid                         | CPS 2012-13 | Rec #: 1, Pos: 274 |
| 18          | C13PTXCLM     | Parents' exemptions claimed                         | CPS 2012-13 | Rec #: 1, Pos: 280 |
| 18          | C13FINC       | Father's income earned from work                    | CPS 2012-13 | Rec #: 1, Pos: 282 |
| 18          | C13MINC       | Mother's income earned from work                    | CPS 2012-13 | Rec #: 1, Pos: 288 |
| 18          | C13PCASH      | Parents' cash, savings, checking                    | CPS 2012-13 | Rec #: 1, Pos: 294 |
| 18          | C13PINVT      | Parents' investment net worth                       | CPS 2012-13 | Rec #: 1, Pos: 300 |
| 18          | C13PBUS       | Parents' business and/or farm net worth             | CPS 2012-13 | Rec #: 1, Pos: 306 |
| 18          | C13PEDCRD     | Parents' Educational Credits                        | CPS 2012-13 | Rec #: 1, Pos: 312 |
| 18          | C13PCSUPP     | Parents' Child Support Paid                         | CPS 2012-13 | Rec #: 1, Pos: 318 |
| 18          | C13PNDEMP     | Parents' Need-Based Employment                      | CPS 2012-13 | Rec #: 1, Pos: 324 |
| 18          | C13PGRANT     | Parents' Grant/Scholarship Aid                      | CPS 2012-13 | Rec #: 1, Pos: 330 |
| 18          | C13PCOMPAY    | Parents' Combat Pay                                 | CPS 2012-13 | Rec #: 1, Pos: 336 |
| 18          | C13PCOOP      | Parents' Co-op Pay                                  | CPS 2012-13 | Rec #: 1, Pos: 342 |
| 18          | C13PPENS      | Parents' Pension Payments                           | CPS 2012-13 | Rec #: 1, Pos: 348 |
| 18          | C13PIRA       | Parents' IRA Payments                               | CPS 2012-13 | Rec #: 1, Pos: 354 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 18          | C13PCSUPR     | Parents' Child Support Received                     | CPS 2012-13 | Rec #: 1, Pos: 360 |
| 18          | C13PINCINT    | Parents' Interest Income                            | CPS 2012-13 | Rec #: 1, Pos: 366 |
| 18          | C13PIRADIS    | Parents' IRA Distributions                          | CPS 2012-13 | Rec #: 1, Pos: 372 |
| 18          | C13PUPEN      | Parents' Untaxed Pensions                           | CPS 2012-13 | Rec #: 1, Pos: 378 |
| 18          | C13PMILIT     | Parents' Military/Clergy Allowances                 | CPS 2012-13 | Rec #: 1, Pos: 384 |
| 18          | C13PVETBE     | Parents' Veterans Noneducation Benefits             | CPS 2012-13 | Rec #: 1, Pos: 390 |
| 18          | C13PINCOTH    | Parents' Other Untaxed Income                       | CPS 2012-13 | Rec #: 1, Pos: 396 |
| 18          | C13FAMNM      | Student's number of family members                  | CPS 2012-13 | Rec #: 1, Pos: 402 |
| 18          | C13COLNM      | Student's number in college                         | CPS 2012-13 | Rec #: 1, Pos: 404 |
| 18          | C13SSINC      | Student Supplemental Security Income Benefits       | CPS 2012-13 | Rec #: 1, Pos: 406 |
| 18          | C13FOOD       | Student Food Stamp Benefits                         | CPS 2012-13 | Rec #: 1, Pos: 408 |
| 18          | C13FREE       | Student Free or Reduced Price School Lunch Benefits | CPS 2012-13 | Rec #: 1, Pos: 410 |
| 18          | C13TANF       | Student TANF Benefits                               | CPS 2012-13 | Rec #: 1, Pos: 412 |
| 18          | C13WIC        | Student WIC Benefits                                | CPS 2012-13 | Rec #: 1, Pos: 414 |
| 18          | C13DISLW      | Student/Spouse Dislocated Worker                    | CPS 2012-13 | Rec #: 1, Pos: 416 |
| 18          | C13SCH01      | Federal School code #1                              | CPS 2012-13 | Rec #: 1, Pos: 418 |
| 18          | C13HPLN01     | Federal School code #1 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 424 |
| 18          | C13SCH02      | Federal School code #2                              | CPS 2012-13 | Rec #: 1, Pos: 426 |
| 18          | C13HPLN02     | Federal School Code #2 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 432 |
| 18          | C13SCH03      | Federal School code #3                              | CPS 2012-13 | Rec #: 1, Pos: 434 |
| 18          | C13HPLN03     | Federal School Code #3 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 440 |
| 18          | C13SCH04      | Federal School code #4                              | CPS 2012-13 | Rec #: 1, Pos: 442 |
| 18          | C13HPLN04     | Federal School Code #4 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 448 |
| 18          | C13SCH05      | Federal School code #5                              | CPS 2012-13 | Rec #: 1, Pos: 450 |
| 18          | C13HPLN05     | Federal School Code #5 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 456 |
| 18          | C13SCH06      | Federal School code #6                              | CPS 2012-13 | Rec #: 1, Pos: 458 |
| 18          | C13HPLN06     | Federal School Code #6 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 464 |
| 18          | C13SCH07      | Federal School code #7                              | CPS 2012-13 | Rec #: 1, Pos: 466 |
| 18          | C13HPLN07     | Federal School Code #7 Housing Plans                | CPS 2012-13 | Rec #: 1, Pos: 472 |
| 18          | C13SCH08      | Federal School code #8                              | CPS 2012-13 | Rec #: 1, Pos: 474 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                        | Source      | Position           |
|-------------|---------------|---------------------------------------|-------------|--------------------|
| 18          | C13HPLN08     | Federal School Code #8 Housing Plans  | CPS 2012-13 | Rec #: 1, Pos: 480 |
| 18          | C13SCH09      | Federal School code #9                | CPS 2012-13 | Rec #: 1, Pos: 482 |
| 18          | C13HPLN09     | Federal School Code #9 Housing Plans  | CPS 2012-13 | Rec #: 1, Pos: 488 |
| 18          | C13SCH10      | Federal School code #10               | CPS 2012-13 | Rec #: 1, Pos: 490 |
| 18          | C13HPLN10     | Federal School Code #10 Housing Plans | CPS 2012-13 | Rec #: 1, Pos: 496 |
| 18          | C13APPD       | Date application completed            | CPS 2012-13 | Rec #: 1, Pos: 498 |
| 18          | C13DEPEN      | Dependency status                     | CPS 2012-13 | Rec #: 1, Pos: 506 |
| 18          | C13TRNSRC     | Transaction Data Source/Type Code     | CPS 2012-13 | Rec #: 1, Pos: 508 |
| 18          | C13IRS        | Student IRS Request Flag              | CPS 2012-13 | Rec #: 1, Pos: 510 |
| 18          | C13PIRS       | Student IRS Request Flag              | CPS 2012-13 | Rec #: 1, Pos: 512 |
| 18          | C13SATE       | Student Asset Threshold Exceeded      | CPS 2012-13 | Rec #: 1, Pos: 514 |
| 18          | C13JUDG       | Professional judgment                 | CPS 2012-13 | Rec #: 1, Pos: 516 |
| 18          | C13APPSRC     | Application data source/type code     | CPS 2012-13 | Rec #: 1, Pos: 518 |
| 18          | C13APPDTR     | Application receipt date              | CPS 2012-13 | Rec #: 1, Pos: 520 |
| 18          | C13GRAD       | Graduate flag                         | CPS 2012-13 | Rec #: 1, Pos: 528 |
| 18          | C13PELL       | Pell grant eligibility flag           | CPS 2012-13 | Rec #: 1, Pos: 530 |
| 18          | C13TRNDT      | Transaction Processed Date            | CPS 2012-13 | Rec #: 1, Pos: 532 |
| 18          | C13EFCZR      | Automatic zero EFC                    | CPS 2012-13 | Rec #: 1, Pos: 540 |
| 18          | C13SNT        | Simplified needs test (SNT)           | CPS 2012-13 | Rec #: 1, Pos: 542 |
| 18          | C13STXSTA     | Student's calculated 2011 tax status  | CPS 2012-13 | Rec #: 1, Pos: 544 |
| 18          | C13HSFLG      | High School Flag                      | CPS 2012-13 | Rec #: 1, Pos: 546 |
| 18          | C13EFCP       | Primary EFC                           | CPS 2012-13 | Rec #: 1, Pos: 548 |
| 18          | C13EFCS       | Secondary EFC                         | CPS 2012-13 | Rec #: 1, Pos: 553 |
| 18          | C13EFCPT      | Primary EFC type                      | CPS 2012-13 | Rec #: 1, Pos: 558 |
| 18          | C13EFCST      | Secondary EFC type                    | CPS 2012-13 | Rec #: 1, Pos: 560 |
| 18          | C13TI         | TI: Total Income                      | CPS 2012-13 | Rec #: 1, Pos: 562 |
| 18          | C13ATI        | ATI: Allowances Against Total Income  | CPS 2012-13 | Rec #: 1, Pos: 569 |
| 18          | C13STX        | STX: State Tax Allowance              | CPS 2012-13 | Rec #: 1, Pos: 576 |
| 18          | C13EA         | EA: Employment Allowance              | CPS 2012-13 | Rec #: 1, Pos: 583 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                            | Source      | Position           |
|-------------|---------------|-------------------------------------------|-------------|--------------------|
| 18          | C13IPA        | IPA: Income Protection Allowance          | CPS 2012-13 | Rec #: 1, Pos: 590 |
| 18          | C13AI         | AI: Available Income                      | CPS 2012-13 | Rec #: 1, Pos: 597 |
| 18          | C13CAI        | CAI: Contribution from available income   | CPS 2012-13 | Rec #: 1, Pos: 604 |
| 18          | C13DNW        | DNW: Discretionary Net Worth              | CPS 2012-13 | Rec #: 1, Pos: 611 |
| 18          | C13NW         | NW: Net Worth                             | CPS 2012-13 | Rec #: 1, Pos: 620 |
| 18          | C13APA        | APA: Asset Protection Allowance           | CPS 2012-13 | Rec #: 1, Pos: 629 |
| 18          | C13AAI        | AAI: Adjusted Available Income            | CPS 2012-13 | Rec #: 1, Pos: 638 |
| 18          | C13TSC        | TSC: Total Student's Contribution         | CPS 2012-13 | Rec #: 1, Pos: 645 |
| 18          | C13SATI       | SATI: Student's Allow Agnst Total Income  | CPS 2012-13 | Rec #: 1, Pos: 652 |
| 18          | C13SIC        | SIC: Dependent Student's Inc Contribution | CPS 2012-13 | Rec #: 1, Pos: 659 |
| 18          | C13SDNW       | SDNW: Student's Discretionary Net Worth   | CPS 2012-13 | Rec #: 1, Pos: 666 |
| 18          | C13SCA        | SCA: Student's Contribution from Assets   | CPS 2012-13 | Rec #: 1, Pos: 675 |
| 18          | C13FTI        | FTI: FISAP total income                   | CPS 2012-13 | Rec #: 1, Pos: 682 |
| 18          | C13SSACIT     | SSA citizenship flag                      | CPS 2012-13 | Rec #: 1, Pos: 689 |
| 18          | C13VA         | VA match flag                             | CPS 2012-13 | Rec #: 1, Pos: 691 |
| 19          | STU_ID        | Student ID                                |             | Rec #: 1, Pos: 1   |
| 19          | C14TRNNM      | Transaction number                        | CPS 2013-14 | Rec #: 1, Pos: 7   |
| 19          | C14DRIVST     | Student's Driver's License State Code     | CPS 2013-14 | Rec #: 1, Pos: 9   |
| 19          | C14CITZN      | Student's citizenship status              | CPS 2013-14 | Rec #: 1, Pos: 11  |
| 19          | C14MARR       | Student's marital status                  | CPS 2013-14 | Rec #: 1, Pos: 13  |
| 19          | C14MARDT      | Student's marital status date             | CPS 2013-14 | Rec #: 1, Pos: 15  |
| 19          | C14STATE      | Student's state of legal residence        | CPS 2013-14 | Rec #: 1, Pos: 21  |
| 19          | C14RES        | Student legal resident before 1-1-2008?   | CPS 2013-14 | Rec #: 1, Pos: 23  |
| 19          | C14RESDT      | Student's legal residence date            | CPS 2013-14 | Rec #: 1, Pos: 25  |
| 19          | C14GENDR      | Are you male or female?                   | CPS 2013-14 | Rec #: 1, Pos: 31  |
| 19          | C14DADED      | Father's highest grade level completed    | CPS 2013-14 | Rec #: 1, Pos: 33  |
| 19          | C14MOMED      | Mother's highest grade level completed    | CPS 2013-14 | Rec #: 1, Pos: 35  |
| 19          | C14HSDIP      | HS diploma or Equivalent                  | CPS 2013-14 | Rec #: 1, Pos: 37  |
| 19          | C14HSCOD      | High School Code                          | CPS 2013-14 | Rec #: 1, Pos: 39  |
| 19          | C14FIRBA      | First bachelor degree by 7/1/2013?        | CPS 2013-14 | Rec #: 1, Pos: 51  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                             | Source      | Position           |
|-------------|---------------|--------------------------------------------|-------------|--------------------|
| 19          | C14GRDLVL     | Grade level in college                     | CPS 2013-14 | Rec #: 1, Pos: 53  |
| 19          | C14DEG        | Degree/certificate                         | CPS 2013-14 | Rec #: 1, Pos: 55  |
| 19          | C14WRKS       | Interested in Work-Study or Student Loans? | CPS 2013-14 | Rec #: 1, Pos: 57  |
| 19          | C14TAX        | Student's tax return completed?            | CPS 2013-14 | Rec #: 1, Pos: 59  |
| 19          | C14TXTY       | Student's type of 2012 tax form used       | CPS 2013-14 | Rec #: 1, Pos: 61  |
| 19          | C14TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS 2013-14 | Rec #: 1, Pos: 63  |
| 19          | C14TXAGI      | Student's adj gross inc on IRS form        | CPS 2013-14 | Rec #: 1, Pos: 65  |
| 19          | C14TXPD       | Student's US income tax paid               | CPS 2013-14 | Rec #: 1, Pos: 71  |
| 19          | C14TXCLM      | Student's exemptions claimed               | CPS 2013-14 | Rec #: 1, Pos: 76  |
| 19          | C14INC        | Student's income earned from work          | CPS 2013-14 | Rec #: 1, Pos: 78  |
| 19          | C14INCSP      | Spouse's income earned from work           | CPS 2013-14 | Rec #: 1, Pos: 84  |
| 19          | C14CASH       | Student's cash, savings, checking          | CPS 2013-14 | Rec #: 1, Pos: 90  |
| 19          | C14INVT       | Student's investment net worth             | CPS 2013-14 | Rec #: 1, Pos: 96  |
| 19          | C14BUS        | Student's business and/or farm net worth   | CPS 2013-14 | Rec #: 1, Pos: 102 |
| 19          | C14EDCRD      | Student's Educational Credits              | CPS 2013-14 | Rec #: 1, Pos: 108 |
| 19          | C14CSUPP      | Student's Child Support Paid               | CPS 2013-14 | Rec #: 1, Pos: 114 |
| 19          | C14NDEMP      | Student's Need-Based Employment            | CPS 2013-14 | Rec #: 1, Pos: 120 |
| 19          | C14GRANT      | Student's Grant/Scholarship Aid            | CPS 2013-14 | Rec #: 1, Pos: 126 |
| 19          | C14COMPAY     | Student's Combat Pay                       | CPS 2013-14 | Rec #: 1, Pos: 132 |
| 19          | C14COOP       | Student's Co-op Pay                        | CPS 2013-14 | Rec #: 1, Pos: 138 |
| 19          | C14PENS       | Student's Pension Payments                 | CPS 2013-14 | Rec #: 1, Pos: 144 |
| 19          | C14IRA        | Student's IRA Payments                     | CPS 2013-14 | Rec #: 1, Pos: 150 |
| 19          | C14CSUPR      | Student's Child Support Received           | CPS 2013-14 | Rec #: 1, Pos: 156 |
| 19          | C14INCINT     | Student's Interest Income                  | CPS 2013-14 | Rec #: 1, Pos: 162 |
| 19          | C14IRADIS     | Student's IRA Distributions                | CPS 2013-14 | Rec #: 1, Pos: 168 |
| 19          | C14UPEN       | Student's Untaxed Pensions                 | CPS 2013-14 | Rec #: 1, Pos: 174 |
| 19          | C14MILIT      | Student's Military/Clergy Allowances       | CPS 2013-14 | Rec #: 1, Pos: 180 |
| 19          | C14VETBE      | Student's Veterans Noneducation Benefits   | CPS 2013-14 | Rec #: 1, Pos: 186 |
| 19          | C14INCOTH     | Student's Other Untaxed Income             | CPS 2013-14 | Rec #: 1, Pos: 192 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                | Source      | Position           |
|-------------|---------------|-----------------------------------------------|-------------|--------------------|
| 19          | C14ONREP      | Student's Other Non-Reported Money            | CPS 2013-14 | Rec #: 1, Pos: 198 |
| 19          | C14BORN       | Born before 1/1/1989?                         | CPS 2013-14 | Rec #: 1, Pos: 204 |
| 19          | C14MAR        | Is student married?                           | CPS 2013-14 | Rec #: 1, Pos: 206 |
| 19          | C14MSDOC      | Working on a Master's or Doctorate Program?   | CPS 2013-14 | Rec #: 1, Pos: 208 |
| 19          | C14ACTDUTY    | Are you on active duty in U.S Armed Forces?   | CPS 2013-14 | Rec #: 1, Pos: 210 |
| 19          | C14VET        | Veteran of US armed forces?                   | CPS 2013-14 | Rec #: 1, Pos: 212 |
| 19          | C14DEPS       | Have children you support?                    | CPS 2013-14 | Rec #: 1, Pos: 214 |
| 19          | C14DEPO       | Have legal dep other than child/spouse?       | CPS 2013-14 | Rec #: 1, Pos: 216 |
| 19          | C14ORPH       | Orphan, Ward of Court, or Foster Care         | CPS 2013-14 | Rec #: 1, Pos: 218 |
| 19          | C14MINOR      | As of today, an emancipated minor?            | CPS 2013-14 | Rec #: 1, Pos: 220 |
| 19          | C14GUARD      | As of today, in legal guardianship?           | CPS 2013-14 | Rec #: 1, Pos: 222 |
| 19          | C14SCHLIA     | Unaccompanied youth determ by school liaison? | CPS 2013-14 | Rec #: 1, Pos: 224 |
| 19          | C14HUD        | Unaccompanied youth determined by HUD?        | CPS 2013-14 | Rec #: 1, Pos: 226 |
| 19          | C14HOMELS     | At risk of homelessness?                      | CPS 2013-14 | Rec #: 1, Pos: 228 |
| 19          | C14PARST      | Parents' marital status                       | CPS 2013-14 | Rec #: 1, Pos: 230 |
| 19          | C14PMARDT     | Parents' marital status date                  | CPS 2013-14 | Rec #: 1, Pos: 232 |
| 19          | C14PSTATE     | Parents' state of legal residence             | CPS 2013-14 | Rec #: 1, Pos: 236 |
| 19          | C14PRES       | Parents' legal residents before 1-1-2008?     | CPS 2013-14 | Rec #: 1, Pos: 238 |
| 19          | C14PLEGDT     | Parents' legal residence date                 | CPS 2013-14 | Rec #: 1, Pos: 240 |
| 19          | C14PFAMNM     | Parents' number of family members             | CPS 2013-14 | Rec #: 1, Pos: 246 |
| 19          | C14PCOLNM     | Parents' number in college                    | CPS 2013-14 | Rec #: 1, Pos: 248 |
| 19          | C14PSSINC     | Parent' Supplemental Security Income Benefits | CPS 2013-14 | Rec #: 1, Pos: 250 |
| 19          | C14PFOOD      | Parent' Food Stamp Benefits                   | CPS 2013-14 | Rec #: 1, Pos: 252 |
| 19          | C14PTANF      | Parent' TANF Benefits                         | CPS 2013-14 | Rec #: 1, Pos: 254 |
| 19          | C14PTAX       | Parents' tax return completed?                | CPS 2013-14 | Rec #: 1, Pos: 256 |
| 19          | C14PTXTY      | Parents' type of 2012 tax form used           | CPS 2013-14 | Rec #: 1, Pos: 258 |
| 19          | C14PTXEZ      | Parents' eligible to file 1040A or 1040EZ     | CPS 2013-14 | Rec #: 1, Pos: 260 |
| 19          | C14PDISLW     | Parent dislocated worker                      | CPS 2013-14 | Rec #: 1, Pos: 262 |
| 19          | C14PTXAGI     | Parents' adjusted gross income                | CPS 2013-14 | Rec #: 1, Pos: 264 |
| 19          | C14PTXPD      | Parents' US income tax paid                   | CPS 2013-14 | Rec #: 1, Pos: 270 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                      | Source      | Position           |
|-------------|---------------|-----------------------------------------------------|-------------|--------------------|
| 19          | C14PTXCLM     | Parents' exemptions claimed                         | CPS 2013-14 | Rec #: 1, Pos: 276 |
| 19          | C14FINC       | Father's income earned from work                    | CPS 2013-14 | Rec #: 1, Pos: 278 |
| 19          | C14MINC       | Mother's income earned from work                    | CPS 2013-14 | Rec #: 1, Pos: 284 |
| 19          | C14PCASH      | Parents' cash, savings, checking                    | CPS 2013-14 | Rec #: 1, Pos: 290 |
| 19          | C14PINVT      | Parents' investment net worth                       | CPS 2013-14 | Rec #: 1, Pos: 296 |
| 19          | C14PBUS       | Parents' business and/or farm net worth             | CPS 2013-14 | Rec #: 1, Pos: 302 |
| 19          | C14PEDCRD     | Parents' Educational Credits                        | CPS 2013-14 | Rec #: 1, Pos: 308 |
| 19          | C14PCSUPP     | Parents' Child Support Paid                         | CPS 2013-14 | Rec #: 1, Pos: 314 |
| 19          | C14PNDEMP     | Parents' Need-Based Employment                      | CPS 2013-14 | Rec #: 1, Pos: 320 |
| 19          | C14PGRANT     | Parents' Grant/Scholarship Aid                      | CPS 2013-14 | Rec #: 1, Pos: 326 |
| 19          | C14PCOMPAY    | Parents' Combat Pay                                 | CPS 2013-14 | Rec #: 1, Pos: 332 |
| 19          | C14PCOOP      | Parents' Co-op Pay                                  | CPS 2013-14 | Rec #: 1, Pos: 338 |
| 19          | C14PPENS      | Parents' Pension Payments                           | CPS 2013-14 | Rec #: 1, Pos: 344 |
| 19          | C14PIRA       | Parents' IRA Payments                               | CPS 2013-14 | Rec #: 1, Pos: 350 |
| 19          | C14PCSUPR     | Parents' Child Support Received                     | CPS 2013-14 | Rec #: 1, Pos: 356 |
| 19          | C14PINCINT    | Parents' Interest Income                            | CPS 2013-14 | Rec #: 1, Pos: 362 |
| 19          | C14PIRADIS    | Parents' IRA Distributions                          | CPS 2013-14 | Rec #: 1, Pos: 368 |
| 19          | C14PUPEN      | Parents' Untaxed Pensions                           | CPS 2013-14 | Rec #: 1, Pos: 374 |
| 19          | C14PMILIT     | Parents' Military/Clergy Allowances                 | CPS 2013-14 | Rec #: 1, Pos: 380 |
| 19          | C14PVETBE     | Parents' Veterans Noneducation Benefits             | CPS 2013-14 | Rec #: 1, Pos: 386 |
| 19          | C14PINCOTH    | Parents' Other Untaxed Income                       | CPS 2013-14 | Rec #: 1, Pos: 392 |
| 19          | C14FAMNM      | Student's number of family members                  | CPS 2013-14 | Rec #: 1, Pos: 398 |
| 19          | C14COLNM      | Student's number in college                         | CPS 2013-14 | Rec #: 1, Pos: 400 |
| 19          | C14SSINC      | Student Supplemental Security Income Benefits       | CPS 2013-14 | Rec #: 1, Pos: 402 |
| 19          | C14FOOD       | Student Food Stamp Benefits                         | CPS 2013-14 | Rec #: 1, Pos: 404 |
| 19          | C14FREE       | Student Free or Reduced Price School Lunch Benefits | CPS 2013-14 | Rec #: 1, Pos: 406 |
| 19          | C14TANF       | Student TANF Benefits                               | CPS 2013-14 | Rec #: 1, Pos: 408 |
| 19          | C14WIC        | Student WIC Benefits                                | CPS 2013-14 | Rec #: 1, Pos: 410 |
| 19          | C14DISLW      | Student/Spouse Dislocated Worker                    | CPS 2013-14 | Rec #: 1, Pos: 412 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                        | Source      | Position           |
|-------------|---------------|---------------------------------------|-------------|--------------------|
| 19          | C14SCH01      | Federal School code #1                | CPS 2013-14 | Rec #: 1, Pos: 414 |
| 19          | C14HPLN01     | Federal School code #1 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 420 |
| 19          | C14SCH02      | Federal School code #2                | CPS 2013-14 | Rec #: 1, Pos: 422 |
| 19          | C14HPLN02     | Federal School Code #2 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 428 |
| 19          | C14SCH03      | Federal School code #3                | CPS 2013-14 | Rec #: 1, Pos: 430 |
| 19          | C14HPLN03     | Federal School Code #3 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 436 |
| 19          | C14SCH04      | Federal School code #4                | CPS 2013-14 | Rec #: 1, Pos: 438 |
| 19          | C14HPLN04     | Federal School Code #4 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 444 |
| 19          | C14SCH05      | Federal School code #5                | CPS 2013-14 | Rec #: 1, Pos: 446 |
| 19          | C14HPLN05     | Federal School Code #5 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 452 |
| 19          | C14SCH06      | Federal School code #6                | CPS 2013-14 | Rec #: 1, Pos: 454 |
| 19          | C14HPLN06     | Federal School Code #6 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 460 |
| 19          | C14SCH07      | Federal School code #7                | CPS 2013-14 | Rec #: 1, Pos: 462 |
| 19          | C14HPLN07     | Federal School Code #7 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 468 |
| 19          | C14SCH08      | Federal School code #8                | CPS 2013-14 | Rec #: 1, Pos: 470 |
| 19          | C14HPLN08     | Federal School Code #8 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 476 |
| 19          | C14SCH09      | Federal School code #9                | CPS 2013-14 | Rec #: 1, Pos: 478 |
| 19          | C14HPLN09     | Federal School Code #9 Housing Plans  | CPS 2013-14 | Rec #: 1, Pos: 484 |
| 19          | C14SCH10      | Federal School code #10               | CPS 2013-14 | Rec #: 1, Pos: 486 |
| 19          | C14HPLN10     | Federal School Code #10 Housing Plans | CPS 2013-14 | Rec #: 1, Pos: 492 |
| 19          | C14AP PDT     | Date application completed            | CPS 2013-14 | Rec #: 1, Pos: 494 |
| 19          | C14DEPEN      | Dependency status                     | CPS 2013-14 | Rec #: 1, Pos: 502 |
| 19          | C14TRNSRC     | Transaction Data Source/Type Code     | CPS 2013-14 | Rec #: 1, Pos: 504 |
| 19          | C14IRS        | Student IRS Request Flag              | CPS 2013-14 | Rec #: 1, Pos: 506 |
| 19          | C14PIRS       | Student IRS Request Flag              | CPS 2013-14 | Rec #: 1, Pos: 508 |
| 19          | C14SATE       | Student Asset Threshold Exceeded      | CPS 2013-14 | Rec #: 1, Pos: 510 |
| 19          | C14JUDG       | Professional judgment                 | CPS 2013-14 | Rec #: 1, Pos: 512 |
| 19          | C14APPSRC     | Application data source/type code     | CPS 2013-14 | Rec #: 1, Pos: 514 |
| 19          | C14APPDTR     | Application receipt date              | CPS 2013-14 | Rec #: 1, Pos: 516 |
| 19          | C14GRAD       | Graduate flag                         | CPS 2013-14 | Rec #: 1, Pos: 524 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                            | Source      | Position           |
|-------------|---------------|-------------------------------------------|-------------|--------------------|
| 19          | C14PELL       | Pell grant eligibility flag               | CPS 2013-14 | Rec #: 1, Pos: 526 |
| 19          | C14TRNDT      | Transaction Processed Date                | CPS 2013-14 | Rec #: 1, Pos: 528 |
| 19          | C14EFCZR      | Automatic zero EFC                        | CPS 2013-14 | Rec #: 1, Pos: 536 |
| 19          | C14SNT        | Simplified needs test (SNT)               | CPS 2013-14 | Rec #: 1, Pos: 538 |
| 19          | C14STXSTA     | Student's calculated 2012 tax status      | CPS 2013-14 | Rec #: 1, Pos: 540 |
| 19          | C14HSFLG      | High School Flag                          | CPS 2013-14 | Rec #: 1, Pos: 542 |
| 19          | C14EFCP       | Primary EFC                               | CPS 2013-14 | Rec #: 1, Pos: 544 |
| 19          | C14EFCS       | Secondary EFC                             | CPS 2013-14 | Rec #: 1, Pos: 549 |
| 19          | C14EFCPT      | Primary EFC type                          | CPS 2013-14 | Rec #: 1, Pos: 554 |
| 19          | C14EFCST      | Secondary EFC type                        | CPS 2013-14 | Rec #: 1, Pos: 556 |
| 19          | C14TI         | TI: Total Income                          | CPS 2013-14 | Rec #: 1, Pos: 558 |
| 19          | C14ATI        | ATI: Allowances Against Total Income      | CPS 2013-14 | Rec #: 1, Pos: 565 |
| 19          | C14STX        | STX: State Tax Allowance                  | CPS 2013-14 | Rec #: 1, Pos: 572 |
| 19          | C14EA         | EA: Employment Allowance                  | CPS 2013-14 | Rec #: 1, Pos: 579 |
| 19          | C14IPA        | IPA: Income Protection Allowance          | CPS 2013-14 | Rec #: 1, Pos: 586 |
| 19          | C14AI         | AI: Available Income                      | CPS 2013-14 | Rec #: 1, Pos: 593 |
| 19          | C14CAI        | CAI: Contribution from available income   | CPS 2013-14 | Rec #: 1, Pos: 600 |
| 19          | C14DNW        | DNW: Discretionary Net Worth              | CPS 2013-14 | Rec #: 1, Pos: 607 |
| 19          | C14NW         | NW: Net Worth                             | CPS 2013-14 | Rec #: 1, Pos: 616 |
| 19          | C14APA        | APA: Asset Protection Allowance           | CPS 2013-14 | Rec #: 1, Pos: 625 |
| 19          | C14AAI        | AAI: Adjusted Available Income            | CPS 2013-14 | Rec #: 1, Pos: 634 |
| 19          | C14TSC        | TSC: Total Student's Contribution         | CPS 2013-14 | Rec #: 1, Pos: 641 |
| 19          | C14SATI       | SATI: Student's Allow Agnst Total Income  | CPS 2013-14 | Rec #: 1, Pos: 648 |
| 19          | C14SIC        | SIC: Dependent Student's Inc Contribution | CPS 2013-14 | Rec #: 1, Pos: 655 |
| 19          | C14SDNW       | SDNW: Student's Discretionary Net Worth   | CPS 2013-14 | Rec #: 1, Pos: 662 |
| 19          | C14SCA        | SCA: Student's Contribution from Assets   | CPS 2013-14 | Rec #: 1, Pos: 671 |
| 19          | C14FTI        | FTI: FISAP total income                   | CPS 2013-14 | Rec #: 1, Pos: 678 |
| 19          | C14SSACIT     | SSA citizenship flag                      | CPS 2013-14 | Rec #: 1, Pos: 685 |
| 19          | C14VA         | VA match flag                             | CPS 2013-14 | Rec #: 1, Pos: 687 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                | Source     | Position          |
|-------------|---------------|-----------------------------------------------|------------|-------------------|
| 9           | STU_ID        | Student ID                                    |            | Rec #: 1, Pos: 1  |
| 9           | PGM           | Pell Grant type                               | NSLDS Pell | Rec #: 1, Pos: 7  |
| 9           | PDATE1        | Pell grant enrollment begin                   | NSLDS Pell | Rec #: 1, Pos: 9  |
| 9           | PLYEAR        | Award Year                                    | NSLDS Pell | Rec #: 1, Pos: 17 |
| 9           | PLBR1         | Pell branch code - reporting institution      | NSLDS Pell | Rec #: 1, Pos: 21 |
| 9           | PLBR2         | Pell branch code - attending institution      | NSLDS Pell | Rec #: 1, Pos: 23 |
| 9           | PLSCHL1       | Reporting institution code (OPEID)            | NSLDS Pell | Rec #: 1, Pos: 25 |
| 9           | PLAMTSCH      | Pell grant scheduled amount                   | NSLDS Pell | Rec #: 1, Pos: 31 |
| 9           | PLAMTP1       | Pell grant paid amount                        | NSLDS Pell | Rec #: 1, Pos: 37 |
| 9           | PLAMTP2       | Pell grant remaining                          | NSLDS Pell | Rec #: 1, Pos: 43 |
| 9           | PLEFC         | Pell grant EFC                                | NSLDS Pell | Rec #: 1, Pos: 49 |
| 9           | PLCOST1       | Pell cost of attendance                       | NSLDS Pell | Rec #: 1, Pos: 55 |
| 9           | PLSCHL2       | Attending institution code (OPEID)            | NSLDS Pell | Rec #: 1, Pos: 61 |
| 9           | PELLYR        | Accepted Academic calendar                    | NSLDS Pell | Rec #: 1, Pos: 67 |
| 9           | PELLENRL      | Accepted enrollment status code               | NSLDS Pell | Rec #: 1, Pos: 69 |
| 9           | PELLEVEL      | Students grade level submitted by school      | NSLDS Pell | Rec #: 1, Pos: 71 |
| 9           | PELLCIP       | Classification of instructional programs code | NSLDS Pell | Rec #: 1, Pos: 73 |
| 9           | PELLHS        | High school program code                      | NSLDS Pell | Rec #: 1, Pos: 80 |
| 10          | STU_ID        | Student ID                                    |            | Rec #: 1, Pos: 1  |
| 10          | ACADLVL       | Academic level                                | NSLDS Loan | Rec #: 1, Pos: 7  |
| 10          | BEGDATE       | Loan period begin date                        | NSLDS Loan | Rec #: 1, Pos: 9  |
| 10          | BRNCHCOD      | School branch code                            | NSLDS Loan | Rec #: 1, Pos: 17 |
| 10          | ENDDATE       | Loan period end date                          | NSLDS Loan | Rec #: 1, Pos: 19 |
| 10          | LNSTDATE      | Current loan status date                      | NSLDS Loan | Rec #: 1, Pos: 27 |
| 10          | LOANNUM       | Loan composite number                         | NSLDS Loan | Rec #: 1, Pos: 35 |
| 10          | LOANDATE      | Loan guaranteed date                          | NSLDS Loan | Rec #: 1, Pos: 47 |
| 10          | LOANSTAT      | Current loan status                           | NSLDS Loan | Rec #: 1, Pos: 55 |
| 10          | LOANTYPE      | Loan type                                     | NSLDS Loan | Rec #: 1, Pos: 57 |
| 10          | OUTSTAND      | Outstanding principal balance                 | NSLDS Loan | Rec #: 1, Pos: 59 |
| 10          | OUTSTDAT      | Outstanding principal balance date            | NSLDS Loan | Rec #: 1, Pos: 65 |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                    | Source            | Position           |
|-------------|---------------|-------------------------------------------------------------------|-------------------|--------------------|
| 10          | SCHCODE       | Title IV school code (OPEID)                                      | NSLDS Loan        | Rec #: 1, Pos: 73  |
| 10          | SEQNO         | Record sequence number                                            | NSLDS Loan        | Rec #: 1, Pos: 79  |
| 10          | TOTDIS        | Total amount disbursed                                            | NSLDS Loan        | Rec #: 1, Pos: 83  |
| 10          | OUTINT        | Outstanding interest balance                                      | NSLDS Loan        | Rec #: 1, Pos: 89  |
| 10          | OUTINDAT      | Outstanding interest balance date                                 | NSLDS Loan        | Rec #: 1, Pos: 95  |
| 10          | DEFERTYP      | Current Deferment Type                                            | NSLDS Loan        | Rec #: 1, Pos: 103 |
| 10          | DEFSTART      | Current Deferment Start Date                                      | NSLDS Loan        | Rec #: 1, Pos: 105 |
| 10          | DEFSTOP       | Current Deferment Stop Date                                       | NSLDS Loan        | Rec #: 1, Pos: 113 |
| 10          | FORBRTYP      | Loan Forbearance Type                                             | NSLDS Loan        | Rec #: 1, Pos: 121 |
| 10          | FORBRDAT      | Starting Date of the Loan Forbearance Type                        | NSLDS Loan        | Rec #: 1, Pos: 123 |
| 11          | STU_ID        | Student ID                                                        |                   | Rec #: 1, Pos: 1   |
| 11          | GEDSTATE      | State where candidate last took GED test                          | GED Questionnaire | Rec #: 1, Pos: 7   |
| 11          | GEDPRACT      | Whether candidate took official practice test                     | GED Questionnaire | Rec #: 1, Pos: 9   |
| 11          | GEDPASSD      | Whether candidate passed GED test                                 | GED Questionnaire | Rec #: 1, Pos: 11  |
| 11          | GEDPASDT      | Date passed GED test                                              | GED Questionnaire | Rec #: 1, Pos: 13  |
| 11          | GEDRSN01      | Took GED test to enroll in tech/trade program                     | GED Questionnaire | Rec #: 1, Pos: 19  |
| 11          | GEDRSN02      | Took GED test to enter 2-year college                             | GED Questionnaire | Rec #: 1, Pos: 21  |
| 11          | GEDRSN03      | Took GED test to enter 4-year college                             | GED Questionnaire | Rec #: 1, Pos: 23  |
| 11          | GEDRSN04      | Took GED test for job training                                    | GED Questionnaire | Rec #: 1, Pos: 25  |
| 11          | GEDRSN05      | Took GED test to get first job or better job                      | GED Questionnaire | Rec #: 1, Pos: 27  |
| 11          | GEDRSN06      | Took GED test to keep current job or satisfy employer requirement | GED Questionnaire | Rec #: 1, Pos: 29  |
| 11          | GEDRSN07      | Took GED test to gain military entrance or for military career    | GED Questionnaire | Rec #: 1, Pos: 31  |
| 11          | GEDRSN08      | Took GED test to be a role model for family                       | GED Questionnaire | Rec #: 1, Pos: 33  |
| 11          | GEDRSN09      | Took GED test for personal satisfaction                           | GED Questionnaire | Rec #: 1, Pos: 35  |
| 11          | GEDRSN10      | Took GED test for some other reason                               | GED Questionnaire | Rec #: 1, Pos: 37  |
| 11          | GEDLRN01      | First learned about GED from friend/family                        | GED Questionnaire | Rec #: 1, Pos: 39  |
| 11          | GEDLRN02      | First learned about GED from classmate                            | GED Questionnaire | Rec #: 1, Pos: 41  |
| 11          | GEDLRN03      | First learned about GED from counselor/teacher                    | GED Questionnaire | Rec #: 1, Pos: 43  |

**Table L-1. Extant Variable List—Continued**

| File number | Variable name | Variable label                                                         | Source            | Position          |
|-------------|---------------|------------------------------------------------------------------------|-------------------|-------------------|
| 11          | GEDLRN04      | First learned about GED through the media                              | GED Questionnaire | Rec #: 1, Pos: 45 |
| 11          | GEDLRN05      | First learned about GED from some other source                         | GED Questionnaire | Rec #: 1, Pos: 47 |
| 11          | GEDPRP01      | Prepared for GED test through public school adult education class      | GED Questionnaire | Rec #: 1, Pos: 49 |
| 11          | GEDPRP02      | Prepared for GED test through community college adult education class  | GED Questionnaire | Rec #: 1, Pos: 51 |
| 11          | GEDPRP03      | Prepared for GED test through internet/computer                        | GED Questionnaire | Rec #: 1, Pos: 53 |
| 11          | GEDPRP04      | Prepared for GED test through home study/schooling or family literacy  | GED Questionnaire | Rec #: 1, Pos: 55 |
| 11          | GEDPRP05      | Prepared for GED test through official practice test                   | GED Questionnaire | Rec #: 1, Pos: 57 |
| 11          | GEDPRP06      | Prepared for GED test through library                                  | GED Questionnaire | Rec #: 1, Pos: 59 |
| 11          | GEDPRP07      | Prepared for GED test through GED Option program                       | GED Questionnaire | Rec #: 1, Pos: 61 |
| 11          | GEDPRP08      | Prepared for GED test through job corps or employment/training program | GED Questionnaire | Rec #: 1, Pos: 63 |
| 11          | GEDPRP09      | Prepared for GED test by self-teaching                                 | GED Questionnaire | Rec #: 1, Pos: 65 |
| 11          | GEDPRP10      | Prepared for GED test in some other way                                | GED Questionnaire | Rec #: 1, Pos: 67 |
| 11          | GEDPRP11      | Did not prepare for GED test                                           | GED Questionnaire | Rec #: 1, Pos: 69 |



## **Appendix M.**

### **Full Scale All Variables**

---

*This page left intentionally blank.*

| File # | File Description                                               | File Name  |
|--------|----------------------------------------------------------------|------------|
| 1      | Student File                                                   | BYF3STU    |
| 2      | School File                                                    | BYF1TSCH   |
| 3      | HS Student Transcript File                                     | HSTRNSTU   |
| 4      | HS School Transcript File                                      | HSTRNSCH   |
| 5      | F2 Student-Institution File (attended and applied-to as of F2) | F2INST     |
| 6      | CPS 2004-05 File                                               | CPS0405    |
| 7      | CPS 2005-06 File                                               | CPS0506    |
| 8      | CPS 2006-07 File                                               | CPS0607    |
| 9      | NSLDS Pell File                                                | NSLDSPLF3  |
| 10     | NSLDS Loan File                                                | NSLDSLNF3  |
| 11     | GED File                                                       | GED        |
| 12     | Student BRR Weight File                                        | BYF3BRRSTU |
| 13     | School BRR Weight File                                         | BRRSCH     |
| 14     | F3 Student-Institution File (attended as of F3)                | F3INST     |
| 15     | CPS 2009-10 File                                               | CPS0910    |
| 16     | CPS 2010-11 File                                               | CPS1011    |
| 17     | CPS 2011-12 File                                               | CPS1112    |
| 18     | CPS 2012-13 File                                               | CPS1213    |
| 19     | CPS 2013-14 File                                               | CPS1314    |

**Table M-1. Full Scale All Variables**

| File number | Variable name | Variable label                                                                    | Section Description       | Position          |
|-------------|---------------|-----------------------------------------------------------------------------------|---------------------------|-------------------|
| 1           | STU_ID        | Student ID                                                                        | ID and Universe Variables | Rec #: 1, Pos: 1  |
| 1           | SCH_ID        | School ID                                                                         | ID and Universe Variables | Rec #: 1, Pos: 7  |
| 1           | STRAT_ID      | Stratum                                                                           | ID and Universe Variables | Rec #: 1, Pos: 11 |
| 1           | PSU           | Primary sampling unit                                                             | ID and Universe Variables | Rec #: 1, Pos: 14 |
| 1           | F1SCH_ID      | Link to first follow-up school                                                    | ID and Universe Variables | Rec #: 1, Pos: 16 |
| 1           | F1UNIV1       | Sample member status in BY and F1 rounds                                          | ID and Universe Variables | Rec #: 1, Pos: 20 |
| 1           | F1UNIV2A      | Base year status and how sample member entered F1 sample                          | ID and Universe Variables | Rec #: 1, Pos: 23 |
| 1           | F1UNIV2B      | Sample member F1 status                                                           | ID and Universe Variables | Rec #: 1, Pos: 25 |
| 1           | F2UNIV1       | Sample member status in first 3 rounds                                            | ID and Universe Variables | Rec #: 1, Pos: 27 |
| 1           | F2UNIV_P      | Sample member status in first 3 rounds                                            | ID and Universe Variables | Rec #: 1, Pos: 30 |
| 1           | F3UNIV        | Cross-round sample member status summary (BY to F3)                               | ID and Universe Variables | Rec #: 1, Pos: 33 |
| 1           | F3UNIVG10     | Cross-round sample member status summary (BY to F3) specific to 10th grade cohort | ID and Universe Variables | Rec #: 1, Pos: 37 |
| 1           | F3UNIVG12     | Cross-round sample member status summary (BY to F3) specific to 12th grade cohort | ID and Universe Variables | Rec #: 1, Pos: 42 |
| 1           | G10COHRT      | Sophomore cohort member in 2001-2002 school year                                  | ID and Universe Variables | Rec #: 1, Pos: 47 |
| 1           | G12COHRT      | Spring 2004 senior cohort member                                                  | ID and Universe Variables | Rec #: 1, Pos: 49 |
| 1           | BYSTUWT       | Base year student weight                                                          | BY Weights and Composites | Rec #: 1, Pos: 51 |
| 1           | BYEXPWT       | Student expanded sample weight (restricted)                                       | BY Weights and Composites | Rec #: 1, Pos: 61 |
| 1           | BYSEX         | Sex-composite                                                                     | BY Weights and Composites | Rec #: 1, Pos: 71 |
| 1           | BYRACE_R      | Student's race/ethnicity-composite (restricted)                                   | BY Weights and Composites | Rec #: 1, Pos: 73 |
| 1           | BYRACE        | Student's race/ethnicity-composite                                                | BY Weights and Composites | Rec #: 1, Pos: 75 |
| 1           | BYRACE2       | Student's race/ethnicity-64 category (restricted)                                 | BY Weights and Composites | Rec #: 1, Pos: 77 |
| 1           | BYSARACE      | Student's race/ethnicity-school roster (restricted)                               | BY Weights and Composites | Rec #: 1, Pos: 79 |
| 1           | BYRACE_1      | Student is White-composite (restricted)                                           | BY Weights and Composites | Rec #: 1, Pos: 81 |
| 1           | BYRACE_2      | Student is Black or African American-composite (restricted)                       | BY Weights and Composites | Rec #: 1, Pos: 83 |
| 1           | BYRACE_3      | Student is Asian-composite (restricted)                                           | BY Weights and Composites | Rec #: 1, Pos: 85 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description       | Position           |
|-------------|---------------|--------------------------------------------------------------------|---------------------------|--------------------|
| 1           | BYRACE_4      | Student is Native Hawaiian/Pacific Islander-composite (restricted) | BY Weights and Composites | Rec #: 1, Pos: 87  |
| 1           | BYRACE_5      | Student is American Indian/Alaska Native-composite (restricted)    | BY Weights and Composites | Rec #: 1, Pos: 89  |
| 1           | BYHISPAN      | Student's Hispanic subgroup-composite (restricted)                 | BY Weights and Composites | Rec #: 1, Pos: 91  |
| 1           | BYASIAN       | Student's Asian subgroup-composite (restricted)                    | BY Weights and Composites | Rec #: 1, Pos: 93  |
| 1           | BYSTLANG      | Whether English is student's native language-composite             | BY Weights and Composites | Rec #: 1, Pos: 95  |
| 1           | BYHOMLNG      | Student's native language-composite                                | BY Weights and Composites | Rec #: 1, Pos: 97  |
| 1           | BYSTLNG2      | Sample member's English fluency                                    | BY Weights and Composites | Rec #: 1, Pos: 99  |
| 1           | BYDOB_R       | Student's date of birth: Year-month-day (restricted)               | BY Weights and Composites | Rec #: 1, Pos: 101 |
| 1           | BYDOB_P       | Student's year and month of birth                                  | BY Weights and Composites | Rec #: 1, Pos: 109 |
| 1           | BYPARACR      | Parent's race/ethnicity-composite (restricted)                     | BY Weights and Composites | Rec #: 1, Pos: 115 |
| 1           | BYPARACE      | Parent's race/ethnicity-composite                                  | BY Weights and Composites | Rec #: 1, Pos: 117 |
| 1           | BYPARLNG      | Parent's native language-composite                                 | BY Weights and Composites | Rec #: 1, Pos: 119 |
| 1           | BYPLANG       | Parent's English fluency                                           | BY Weights and Composites | Rec #: 1, Pos: 121 |
| 1           | BYFCOMP       | Family composition                                                 | BY Weights and Composites | Rec #: 1, Pos: 123 |
| 1           | BYSIBSTR      | BY in-home sibling structure                                       | BY Weights and Composites | Rec #: 1, Pos: 125 |
| 1           | BYSIBHOM      | BY number of in-home siblings                                      | BY Weights and Composites | Rec #: 1, Pos: 127 |
| 1           | BYGNSTAT      | Generational status                                                | BY Weights and Composites | Rec #: 1, Pos: 129 |
| 1           | BYPARED       | Parents' highest level of education                                | BY Weights and Composites | Rec #: 1, Pos: 131 |
| 1           | BYMOTHED      | Mother's highest level of education-composite                      | BY Weights and Composites | Rec #: 1, Pos: 133 |
| 1           | BYFATHED      | Father's highest level of education-composite                      | BY Weights and Composites | Rec #: 1, Pos: 135 |
| 1           | BYGPARED      | Highest reported level of education among parents^ parents         | BY Weights and Composites | Rec #: 1, Pos: 137 |
| 1           | BYOCCUM       | Mother/female guardian's occupation-composite                      | BY Weights and Composites | Rec #: 1, Pos: 139 |
| 1           | BYOCCUF       | Father/male guardian's occupation-composite                        | BY Weights and Composites | Rec #: 1, Pos: 141 |
| 1           | BYINCOME      | Total family income from all sources 2001-composite                | BY Weights and Composites | Rec #: 1, Pos: 143 |
| 1           | BYSES1        | Socio-economic status composite, v.1                               | BY Weights and Composites | Rec #: 1, Pos: 145 |
| 1           | BYSES1QU      | Quartile coding of SES1 variable                                   | BY Weights and Composites | Rec #: 1, Pos: 150 |
| 1           | BYSES2        | Socio-economic status composite, v.2                               | BY Weights and Composites | Rec #: 1, Pos: 152 |
| 1           | BYSES2QU      | Quartile coding of SES2 variable                                   | BY Weights and Composites | Rec #: 1, Pos: 157 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description       | Position           |
|-------------|---------------|------------------------------------------------------------------------|---------------------------|--------------------|
| 1           | BYGRDRPT      | Number of grades repeated (K-10)                                       | BY Weights and Composites | Rec #: 1, Pos: 159 |
| 1           | BYLGRRPT      | Last grade repeated (K-10)                                             | BY Weights and Composites | Rec #: 1, Pos: 161 |
| 1           | BYNONUSG      | Number of grades completed outside U.S. (K-10)                         | BY Weights and Composites | Rec #: 1, Pos: 163 |
| 1           | BYHOMLIT      | BY home literacy resources                                             | BY Weights and Composites | Rec #: 1, Pos: 165 |
| 1           | BYRISKFC      | Number of academic risk factors in 10th grade                          | BY Weights and Composites | Rec #: 1, Pos: 167 |
| 1           | BYSTEXP       | How far in school student thinks will get-composite                    | BY Weights and Composites | Rec #: 1, Pos: 169 |
| 1           | BYPARASP      | How far in school parent wants 10th grader to go-composite             | BY Weights and Composites | Rec #: 1, Pos: 171 |
| 1           | BYOCCHS       | Occupation right after high school-coded                               | BY Weights and Composites | Rec #: 1, Pos: 173 |
| 1           | BYOCC30       | Occupation at age 30-coded                                             | BY Weights and Composites | Rec #: 1, Pos: 175 |
| 1           | BYSCHPRG      | High school program reported by student-composite                      | BY Weights and Composites | Rec #: 1, Pos: 177 |
| 1           | BYSQSTAT      | Base year student questionnaire status                                 | BY Weights and Composites | Rec #: 1, Pos: 179 |
| 1           | BYQXDATR      | Date of base year student questionnaire administration (restricted)    | BY Weights and Composites | Rec #: 1, Pos: 181 |
| 1           | BYQXDATP      | Month/year of base year student questionnaire administration           | BY Weights and Composites | Rec #: 1, Pos: 189 |
| 1           | BYTXSTAT      | Base year test score status                                            | BY Weights and Composites | Rec #: 1, Pos: 195 |
| 1           | PISAMFLG      | Student in PISA:2003 math score equating sample (restricted)           | BY Weights and Composites | Rec #: 1, Pos: 197 |
| 1           | PISARFLG      | Whether included in PISA reading score concordance sample (restricted) | BY Weights and Composites | Rec #: 1, Pos: 199 |
| 1           | BYTEQFLG      | At least one teacher reported on 10th grader                           | BY Weights and Composites | Rec #: 1, Pos: 201 |
| 1           | BYPQSTAT      | Base year parent questionnaire status                                  | BY Weights and Composites | Rec #: 1, Pos: 203 |
| 1           | BYTXPAFG      | Base year parent questionnaire and test in at least one subject        | BY Weights and Composites | Rec #: 1, Pos: 205 |
| 1           | BYADMFLG      | Base year school administrator questionnaire completed                 | BY Weights and Composites | Rec #: 1, Pos: 207 |
| 1           | BYLMCFLG      | Base year library media center questionnaire completed                 | BY Weights and Composites | Rec #: 1, Pos: 209 |
| 1           | BYIEPFLG      | Base year Individualized Education Plan                                | BY Weights and Composites | Rec #: 1, Pos: 211 |
| 1           | BYIEPTYP      | Federal disability category for base year IEPs (restricted)            | BY Weights and Composites | Rec #: 1, Pos: 213 |
| 1           | BYACCTYP      | Base year questionnaire/test accommodations (restricted)               | BY Weights and Composites | Rec #: 1, Pos: 215 |
| 1           | BYTXACC       | Base year test accommodations                                          | BY Weights and Composites | Rec #: 1, Pos: 217 |
| 1           | BYTXCSTD      | Standardized test composite score-math/reading                         | BY Weights and Composites | Rec #: 1, Pos: 219 |
| 1           | BYTXCQU       | Standardized composite test quartile (1=low)                           | BY Weights and Composites | Rec #: 1, Pos: 224 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description       | Position           |
|-------------|---------------|--------------------------------------------------------------------|---------------------------|--------------------|
| 1           | BYNELS2M      | ELS-NELS 1992 scale equated sophomore math score                   | BY Weights and Composites | Rec #: 1, Pos: 226 |
| 1           | BYNELS2R      | ELS-NELS 1992 scale equated sophomore reading score                | BY Weights and Composites | Rec #: 1, Pos: 231 |
| 1           | BYNELS0M      | ELS-NELS 1990 scale equated sophomore math score                   | BY Weights and Composites | Rec #: 1, Pos: 236 |
| 1           | BYPISAME      | ELS:2002-PISA:2003 concordance math score                          | BY Weights and Composites | Rec #: 1, Pos: 241 |
| 1           | BYPISARE      | ELS:2002-PISA:2000 concordance reading score                       | BY Weights and Composites | Rec #: 1, Pos: 247 |
| 1           | BYTXMIRR      | Math IRT estimated number right                                    | BY Weights and Composites | Rec #: 1, Pos: 253 |
| 1           | BYTXMSTD      | Math test standardized score                                       | BY Weights and Composites | Rec #: 1, Pos: 259 |
| 1           | BYTXMQU       | Mathematics quartile (1=low)                                       | BY Weights and Composites | Rec #: 1, Pos: 264 |
| 1           | BYTX1MPP      | Mathematics proficiency probability at level 1                     | BY Weights and Composites | Rec #: 1, Pos: 266 |
| 1           | BYTX2MPP      | Mathematics proficiency probability at level 2                     | BY Weights and Composites | Rec #: 1, Pos: 271 |
| 1           | BYTX3MPP      | Mathematics proficiency probability at level 3                     | BY Weights and Composites | Rec #: 1, Pos: 276 |
| 1           | BYTX4MPP      | Mathematics proficiency probability at level 4                     | BY Weights and Composites | Rec #: 1, Pos: 281 |
| 1           | BYTX5MPP      | Mathematics proficiency probability at level 5                     | BY Weights and Composites | Rec #: 1, Pos: 286 |
| 1           | BYTXMTH       | Math test theta T score (restricted)                               | BY Weights and Composites | Rec #: 1, Pos: 291 |
| 1           | BYTXMTI1      | Math theta T score - multiple imputation value 1 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 296 |
| 1           | BYTXMTI2      | Math theta T score - multiple imputation value 2 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 301 |
| 1           | BYTXMTI3      | Math theta T score - multiple imputation value 3 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 306 |
| 1           | BYTXMTI4      | Math theta T score - multiple imputation value 4 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 311 |
| 1           | BYTXMTI5      | Math theta T score - multiple imputation value 5 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 316 |
| 1           | BYTXMTHN      | Original BY math theta transformed to the NELS metric (restricted) | BY Weights and Composites | Rec #: 1, Pos: 321 |
| 1           | BYTXRIRR      | Reading IRT estimated number right                                 | BY Weights and Composites | Rec #: 1, Pos: 326 |
| 1           | BYTXRSTD      | Reading test standardized score                                    | BY Weights and Composites | Rec #: 1, Pos: 332 |
| 1           | BYTXRQU       | Reading quartile (1=low)                                           | BY Weights and Composites | Rec #: 1, Pos: 337 |
| 1           | BYTX1RPP      | Reading proficiency probability at level 1                         | BY Weights and Composites | Rec #: 1, Pos: 339 |
| 1           | BYTX2RPP      | Reading proficiency probability at level 2                         | BY Weights and Composites | Rec #: 1, Pos: 344 |
| 1           | BYTX3RPP      | Reading proficiency probability at level 3                         | BY Weights and Composites | Rec #: 1, Pos: 349 |
| 1           | BYMATHSE      | BY mathematics self-efficacy                                       | BY Weights and Composites | Rec #: 1, Pos: 354 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description       | Position           |
|-------------|---------------|-----------------------------------------------------------------------|---------------------------|--------------------|
| 1           | BYENGLSE      | BY English self-efficacy scale                                        | BY Weights and Composites | Rec #: 1, Pos: 361 |
| 1           | BYCONEXP      | Control expectation scale                                             | BY Weights and Composites | Rec #: 1, Pos: 368 |
| 1           | BYINSTMO      | Instrumental motivation (utility interest) scale                      | BY Weights and Composites | Rec #: 1, Pos: 375 |
| 1           | BYACTCTL      | Action control: general effort and persistence scale                  | BY Weights and Composites | Rec #: 1, Pos: 382 |
| 1           | BYSTPREP      | Class preparation scale                                               | BY Weights and Composites | Rec #: 1, Pos: 389 |
| 1           | BYWRTNGA      | Student writing ability (teacher-reported)                            | BY Weights and Composites | Rec #: 1, Pos: 396 |
| 1           | BYTXRTH       | Reading test theta T score (restricted)                               | BY Weights and Composites | Rec #: 1, Pos: 403 |
| 1           | BYTXRTI1      | Reading theta T score - multiple imputation value 1 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 408 |
| 1           | BYTXRTI2      | Reading theta T score - multiple imputation value 2 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 413 |
| 1           | BYTXRTI3      | Reading theta T score - multiple imputation value 3 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 418 |
| 1           | BYTXRTI4      | Reading theta T score - multiple imputation value 4 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 423 |
| 1           | BYTXRTI5      | Reading theta T score - multiple imputation value 5 of 5 (restricted) | BY Weights and Composites | Rec #: 1, Pos: 428 |
| 1           | BYRESZIP      | Residential ZIP code for student/family (restricted)                  | BY Weights and Composites | Rec #: 1, Pos: 433 |
| 1           | BYSF1R_R      | 1st friend's race (restricted)                                        | BY Weights and Composites | Rec #: 1, Pos: 438 |
| 1           | BYSF1RCE      | 1st friend's race                                                     | BY Weights and Composites | Rec #: 1, Pos: 440 |
| 1           | BYSF2R_R      | 2nd friend's race (restricted)                                        | BY Weights and Composites | Rec #: 1, Pos: 442 |
| 1           | BYSF2RCE      | 2nd friend's race                                                     | BY Weights and Composites | Rec #: 1, Pos: 444 |
| 1           | BYSF3R_R      | 3rd friend's race (restricted)                                        | BY Weights and Composites | Rec #: 1, Pos: 446 |
| 1           | BYSF3RCE      | 3rd friend's race                                                     | BY Weights and Composites | Rec #: 1, Pos: 448 |
| 1           | BYFRRACE      | Number of 10th grader's friends who are of a different race           | BY Weights and Composites | Rec #: 1, Pos: 450 |
| 1           | BYFRGRIM      | Number of 10th grader's friends who consider grades very important    | BY Weights and Composites | Rec #: 1, Pos: 452 |
| 1           | BYBASEBL      | Interscholastic baseball participation                                | BY Weights and Composites | Rec #: 1, Pos: 454 |
| 1           | BYSOFTBL      | Interscholastic softball participation                                | BY Weights and Composites | Rec #: 1, Pos: 456 |
| 1           | BYBSKTBL      | Interscholastic basketball participation                              | BY Weights and Composites | Rec #: 1, Pos: 458 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description       | Position           |
|-------------|---------------|----------------------------------------------------------------------|---------------------------|--------------------|
| 1           | BYFOOTBL      | Interscholastic football participation                               | BY Weights and Composites | Rec #: 1, Pos: 460 |
| 1           | BYSOCCER      | Interscholastic soccer participation                                 | BY Weights and Composites | Rec #: 1, Pos: 462 |
| 1           | BYTEAMSP      | Other interscholastic team participation                             | BY Weights and Composites | Rec #: 1, Pos: 464 |
| 1           | BYSOLOSP      | Interscholastic individual sport participation                       | BY Weights and Composites | Rec #: 1, Pos: 466 |
| 1           | BYCHRDRL      | Interscholastic cheerleading/drill team participation                | BY Weights and Composites | Rec #: 1, Pos: 468 |
| 1           | BYHISPOR      | BY highest level of participation in interscholastic athletics       | BY Weights and Composites | Rec #: 1, Pos: 470 |
| 1           | BYNSPORT      | BY number of interscholastic sports participated in at V or JV level | BY Weights and Composites | Rec #: 1, Pos: 472 |
| 1           | BYXTRACU      | Number of school-sponsored activities participated in 01-02          | BY Weights and Composites | Rec #: 1, Pos: 474 |
| 1           | BYHMWRK       | BY hours per week spent on homework (in and out of school)           | BY Weights and Composites | Rec #: 1, Pos: 476 |
| 1           | BYTVVIGM      | BY hrs/day watching TV/videos/playing video games (weekdays)         | BY Weights and Composites | Rec #: 1, Pos: 478 |
| 1           | BYWORKSY      | Student held job for pay during 2001-2002 school year                | BY Weights and Composites | Rec #: 1, Pos: 480 |
| 1           | BYWRKHRS      | BY hours worked per week during 01-02 school year                    | BY Weights and Composites | Rec #: 1, Pos: 482 |
| 1           | BYERAC_R      | English teacher's race/ethnicity-composite (restricted)              | BY Weights and Composites | Rec #: 1, Pos: 484 |
| 1           | BYERACE       | English teacher's race/ethnicity-composite                           | BY Weights and Composites | Rec #: 1, Pos: 486 |
| 1           | BYTEHDEG      | Highest degree earned by the English teacher                         | BY Weights and Composites | Rec #: 1, Pos: 488 |
| 1           | BYMRAC_R      | Math teacher's race/ethnicity-composite (restricted)                 | BY Weights and Composites | Rec #: 1, Pos: 490 |
| 1           | BYMRACE       | Math teacher's race/ethnicity-composite                              | BY Weights and Composites | Rec #: 1, Pos: 492 |
| 1           | BYTMHDEG      | Highest degree earned by math teacher                                | BY Weights and Composites | Rec #: 1, Pos: 494 |
| 1           | BYTEAQUA      | Student's perception of teacher-student relationships in the school  | BY Weights and Composites | Rec #: 1, Pos: 496 |
| 1           | BYTSTREL      | BY teacher-student relations                                         | BY Weights and Composites | Rec #: 1, Pos: 503 |
| 1           | BYG10ER       | Grade 10 enrollment-2001/02 school roster (restricted)               | BY Weights and Composites | Rec #: 1, Pos: 510 |
| 1           | BYG10EP       | Grade 10 enrollment-2001/02 school roster-categorical                | BY Weights and Composites | Rec #: 1, Pos: 514 |
| 1           | BYSCENP       | Oct 2001 total school enrollment-administrator quex-categorical      | BY Weights and Composites | Rec #: 1, Pos: 516 |
| 1           | BYSCTRL       | School control                                                       | BY Weights and Composites | Rec #: 1, Pos: 518 |
| 1           | BYURBAN       | School urbanicity                                                    | BY Weights and Composites | Rec #: 1, Pos: 520 |
| 1           | BYREGION      | Geographic region of school                                          | BY Weights and Composites | Rec #: 1, Pos: 522 |
| 1           | BYREGURB      | School type - region by urbanicity                                   | BY Weights and Composites | Rec #: 1, Pos: 524 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                         | Section Description       | Position           |
|-------------|---------------|--------------------------------------------------------|---------------------------|--------------------|
| 1           | BYREGCTL      | School type - region by control                        | BY Weights and Composites | Rec #: 1, Pos: 526 |
| 1           | BYSPANP       | Grade span-administrator questionnaire                 | BY Weights and Composites | Rec #: 1, Pos: 528 |
| 1           | BY10FLP       | Grade 10 percent free lunch-categorical                | BY Weights and Composites | Rec #: 1, Pos: 530 |
| 1           | BYSCSAF1      | BY school safety index: principal's perceptions        | BY Weights and Composites | Rec #: 1, Pos: 532 |
| 1           | BYSCSAF2      | BY school safety index: student's perceptions          | BY Weights and Composites | Rec #: 1, Pos: 539 |
| 1           | BYACCLIM      | BY Academic climate scale                              | BY Weights and Composites | Rec #: 1, Pos: 546 |
| 1           | BYCENDIV      | Census division of school locale (restricted)          | BY Weights and Composites | Rec #: 1, Pos: 553 |
| 1           | BYSTATE       | State code for school locale (restricted)              | BY Weights and Composites | Rec #: 1, Pos: 555 |
| 1           | BYCOUNTY      | County code for school locale (restricted)             | BY Weights and Composites | Rec #: 1, Pos: 557 |
| 1           | BYSCHZIP      | School ZIP code (restricted)                           | BY Weights and Composites | Rec #: 1, Pos: 562 |
| 1           | BYSEXIM       | Imputation flag - BYSEX                                | BY Weights and Composites | Rec #: 1, Pos: 567 |
| 1           | BYHISPIM      | Imputation flag - BYHISPAN (restricted)                | BY Weights and Composites | Rec #: 1, Pos: 569 |
| 1           | BYASNIM       | Imputation flag - BYASIAN (restricted)                 | BY Weights and Composites | Rec #: 1, Pos: 571 |
| 1           | BYSTLNIM      | Imputation flag - BYSTLANG (BYS67)                     | BY Weights and Composites | Rec #: 1, Pos: 573 |
| 1           | BYFCMPIM      | Imputation flag - BYFCOMP                              | BY Weights and Composites | Rec #: 1, Pos: 575 |
| 1           | BYMOEDIM      | Imputation flag - BYMOTHED                             | BY Weights and Composites | Rec #: 1, Pos: 577 |
| 1           | BYFAEDIM      | Imputation flag - BYFATHED                             | BY Weights and Composites | Rec #: 1, Pos: 579 |
| 1           | BYOCCMIM      | Imputation flag - BYOCCUM                              | BY Weights and Composites | Rec #: 1, Pos: 581 |
| 1           | BYOCCFIM      | Imputation flag - BYOCCUF                              | BY Weights and Composites | Rec #: 1, Pos: 583 |
| 1           | BYINCMIM      | Imputation flag - BYINCOME (BYP85)                     | BY Weights and Composites | Rec #: 1, Pos: 585 |
| 1           | BYSTEXIM      | Imputation flag - BYSTEXP (BYS56)                      | BY Weights and Composites | Rec #: 1, Pos: 587 |
| 1           | BYPASPIM      | Imputation flag - BYPARASP (BYP79)                     | BY Weights and Composites | Rec #: 1, Pos: 589 |
| 1           | BYSCHPIM      | Imputation flag - BYSCHPRG (BYS26)                     | BY Weights and Composites | Rec #: 1, Pos: 591 |
| 1           | BYTESTIM      | Imputation flag - composite scores                     | BY Weights and Composites | Rec #: 1, Pos: 593 |
| 1           | BYMATHIM      | Imputation flag - math scores                          | BY Weights and Composites | Rec #: 1, Pos: 595 |
| 1           | BYREADIM      | Imputation flag - reading scores                       | BY Weights and Composites | Rec #: 1, Pos: 597 |
| 1           | F1QWT         | First follow-up questionnaire (cross-sectional) weight | F1 Weights and Composites | Rec #: 1, Pos: 599 |
| 1           | F1PNLWT       | Panel Weight, BY and F1 (2002 and 2004)                | F1 Weights and Composites | Rec #: 1, Pos: 609 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description       | Position           |
|-------------|---------------|-----------------------------------------------------------------------|---------------------------|--------------------|
| 1           | F1EXPWT       | F1 expanded sample weight (restricted)                                | F1 Weights and Composites | Rec #: 1, Pos: 619 |
| 1           | F1XPNLWT      | F1 expanded sample panel weight (restricted)                          | F1 Weights and Composites | Rec #: 1, Pos: 629 |
| 1           | F1SEX         | F1 sex-composite                                                      | F1 Weights and Composites | Rec #: 1, Pos: 639 |
| 1           | F1RACE_R      | F1 student's race/ethnicity-composite (restricted)                    | F1 Weights and Composites | Rec #: 1, Pos: 641 |
| 1           | F1RACE        | F1 student's race/ethnicity-composite                                 | F1 Weights and Composites | Rec #: 1, Pos: 643 |
| 1           | F1RACE2       | F1 student's race/ethnicity-64 category (restricted)                  | F1 Weights and Composites | Rec #: 1, Pos: 645 |
| 1           | F1SARACE      | F1 student's race/ethnicity-school roster (restricted)                | F1 Weights and Composites | Rec #: 1, Pos: 647 |
| 1           | F1RACE_1      | F1 student is White-composite (restricted)                            | F1 Weights and Composites | Rec #: 1, Pos: 649 |
| 1           | F1RACE_2      | F1 student is Black or African American-composite (restricted)        | F1 Weights and Composites | Rec #: 1, Pos: 651 |
| 1           | F1RACE_3      | F1 student is Asian-composite (restricted)                            | F1 Weights and Composites | Rec #: 1, Pos: 653 |
| 1           | F1RACE_4      | F1 student is Native Hawaiian/Pacific Islander-composite (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 655 |
| 1           | F1RACE_5      | F1 student is Native Indian/Alaska Native-composite (restricted)      | F1 Weights and Composites | Rec #: 1, Pos: 657 |
| 1           | F1HISPAN      | F1 student's Hispanic subgroup-composite (restricted)                 | F1 Weights and Composites | Rec #: 1, Pos: 659 |
| 1           | F1ASIAN       | F1 student's Asian subgroup-composite (restricted)                    | F1 Weights and Composites | Rec #: 1, Pos: 661 |
| 1           | F1STLANG      | F1 whether English is student's native language-composite             | F1 Weights and Composites | Rec #: 1, Pos: 663 |
| 1           | F1HOMLNG      | F1 student's native language-composite                                | F1 Weights and Composites | Rec #: 1, Pos: 665 |
| 1           | F1DOB_R       | F1 student's date of birth: Year-month-day (restricted)               | F1 Weights and Composites | Rec #: 1, Pos: 667 |
| 1           | F1DOB_P       | F1 student's year and month of birth                                  | F1 Weights and Composites | Rec #: 1, Pos: 675 |
| 1           | F1FCOMP       | F1 family composition                                                 | F1 Weights and Composites | Rec #: 1, Pos: 681 |
| 1           | F1PARED       | F1 parent's highest level of education                                | F1 Weights and Composites | Rec #: 1, Pos: 683 |
| 1           | F1MOTHED      | F1 mother's highest level of education-composite                      | F1 Weights and Composites | Rec #: 1, Pos: 685 |
| 1           | F1FATHED      | F1 father's highest level of education-composite                      | F1 Weights and Composites | Rec #: 1, Pos: 687 |
| 1           | F1OCCUM       | F1 mother's/female guardian's occupation-composite                    | F1 Weights and Composites | Rec #: 1, Pos: 689 |
| 1           | F1OCCUF       | F1 father's/male guardian's occupation-composite                      | F1 Weights and Composites | Rec #: 1, Pos: 691 |
| 1           | F1SES1R       | F1 socio-economic status composite, v.1 (restricted)                  | F1 Weights and Composites | Rec #: 1, Pos: 693 |
| 1           | F1SES1QR      | F1 quartile coding of SES1 variable (restricted)                      | F1 Weights and Composites | Rec #: 1, Pos: 698 |
| 1           | F1SES1        | F1 socio-economic status composite, v.1                               | F1 Weights and Composites | Rec #: 1, Pos: 700 |
| 1           | F1SES1QU      | F1 quartile coding of SES1 variable                                   | F1 Weights and Composites | Rec #: 1, Pos: 705 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description       | Position           |
|-------------|---------------|--------------------------------------------------------------------|---------------------------|--------------------|
| 1           | F1SES2R       | F1 socio-economic status composite, v.2 (restricted)               | F1 Weights and Composites | Rec #: 1, Pos: 707 |
| 1           | F1SES2QR      | F1 quartile coding of SES2 variable (restricted)                   | F1 Weights and Composites | Rec #: 1, Pos: 712 |
| 1           | F1SES2        | F1 socio-economic status composite, v.2                            | F1 Weights and Composites | Rec #: 1, Pos: 714 |
| 1           | F1SES2QU      | F1 quartile coding of SES2 variable                                | F1 Weights and Composites | Rec #: 1, Pos: 719 |
| 1           | F1STEXP       | F1 how far in school student thinks will get-composite             | F1 Weights and Composites | Rec #: 1, Pos: 721 |
| 1           | F1BYEDEX      | BY-F1 Bachelor's degree expectation change                         | F1 Weights and Composites | Rec #: 1, Pos: 723 |
| 1           | F1OCCHS       | F1 occupation right after high school-coded                        | F1 Weights and Composites | Rec #: 1, Pos: 725 |
| 1           | F1OCC30       | F1 occupation at age 30-coded                                      | F1 Weights and Composites | Rec #: 1, Pos: 727 |
| 1           | F1NRSTAT      | F1 nonresponse status (restricted)                                 | F1 Weights and Composites | Rec #: 1, Pos: 729 |
| 1           | F1QSTAT       | F1 student questionnaire status                                    | F1 Weights and Composites | Rec #: 1, Pos: 731 |
| 1           | F1TSTAT       | F1 student test status                                             | F1 Weights and Composites | Rec #: 1, Pos: 733 |
| 1           | F1PNLFLG      | BY to F1 panel flag                                                | F1 Weights and Composites | Rec #: 1, Pos: 735 |
| 1           | F1BYTFLG      | F1 base year test available                                        | F1 Weights and Composites | Rec #: 1, Pos: 737 |
| 1           | F1QMODE       | F1 mode of quex administration                                     | F1 Weights and Composites | Rec #: 1, Pos: 739 |
| 1           | F1STQFLG      | F1 student completed student questionnaire                         | F1 Weights and Composites | Rec #: 1, Pos: 741 |
| 1           | F1TRQFLG      | F1 student completed transfer questionnaire                        | F1 Weights and Composites | Rec #: 1, Pos: 743 |
| 1           | F1HOQFLG      | F1 student completed homeschool questionnaire                      | F1 Weights and Composites | Rec #: 1, Pos: 745 |
| 1           | F1EGQFLG      | F1 sample member completed early graduate questionnaire            | F1 Weights and Composites | Rec #: 1, Pos: 747 |
| 1           | F1DOQFLG      | F1 sample member completed dropout questionnaire                   | F1 Weights and Composites | Rec #: 1, Pos: 749 |
| 1           | F1EVERDO      | F1 ever dropped out                                                | F1 Weights and Composites | Rec #: 1, Pos: 751 |
| 1           | F1DOSTAT      | F1 dropout status                                                  | F1 Weights and Composites | Rec #: 1, Pos: 753 |
| 1           | F1ESSTAT      | F1 expanded sample status (restricted)                             | F1 Weights and Composites | Rec #: 1, Pos: 755 |
| 1           | F1ACCTYP      | F1 accommodation for IEP students in assessment admin (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 757 |
| 1           | F1TXACC       | F1 test accommodations                                             | F1 Weights and Composites | Rec #: 1, Pos: 759 |
| 1           | F1CTLPTN      | BY-F1 high school attendance pattern: by school control            | F1 Weights and Composites | Rec #: 1, Pos: 761 |
| 1           | F1ENRS03      | F1 enrollment status-Spring 2003 (restricted)                      | F1 Weights and Composites | Rec #: 1, Pos: 763 |
| 1           | F1ENRF03      | F1 enrollment status-Fall 2003 (restricted)                        | F1 Weights and Composites | Rec #: 1, Pos: 765 |
| 1           | F1ENRS04      | F1 enrollment status-Spring 2004 (restricted)                      | F1 Weights and Composites | Rec #: 1, Pos: 767 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description       | Position           |
|-------------|---------------|-----------------------------------------------------------------------|---------------------------|--------------------|
| 1           | F1SEPS03      | Date separated from BY school-spring 2003 (restricted)                | F1 Weights and Composites | Rec #: 1, Pos: 769 |
| 1           | F1SEPF03      | Date separated from BY school-fall 2003 (restricted)                  | F1 Weights and Composites | Rec #: 1, Pos: 775 |
| 1           | F1SEPS04      | Date separated from BY school-spring 2004 (restricted)                | F1 Weights and Composites | Rec #: 1, Pos: 781 |
| 1           | F1ENRFIN      | F1 enrollment status-final (restricted)                               | F1 Weights and Composites | Rec #: 1, Pos: 787 |
| 1           | F1GRADE       | F1 grade attended                                                     | F1 Weights and Composites | Rec #: 1, Pos: 789 |
| 1           | F1TXMBIR      | F1 math IRT estimated number right for base year scores               | F1 Weights and Composites | Rec #: 1, Pos: 791 |
| 1           | F1TXM1IR      | F1 math IRT estimated number right for F1 scores                      | F1 Weights and Composites | Rec #: 1, Pos: 797 |
| 1           | F1TXMSTD      | F1 math standardized score                                            | F1 Weights and Composites | Rec #: 1, Pos: 803 |
| 1           | F1TXMTH       | F1 math theta T Score (restricted)                                    | F1 Weights and Composites | Rec #: 1, Pos: 808 |
| 1           | F1TXMTI1      | F1 math theta T score - multiple imputation value 1 of 5 (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 813 |
| 1           | F1TXMTI2      | F1 math theta T score - multiple imputation value 2 of 5 (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 818 |
| 1           | F1TXMTI3      | F1 math theta T score - multiple imputation value 3 of 5 (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 823 |
| 1           | F1TXMTI4      | F1 math theta T score - multiple imputation value 4 of 5 (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 828 |
| 1           | F1TXMTI5      | F1 math theta T score - multiple imputation value 5 of 5 (restricted) | F1 Weights and Composites | Rec #: 1, Pos: 833 |
| 1           | F1TXMQU       | F1 math quartile score                                                | F1 Weights and Composites | Rec #: 1, Pos: 838 |
| 1           | F1NELS2M      | F1 NELS-equated math estimated N-right                                | F1 Weights and Composites | Rec #: 1, Pos: 840 |
| 1           | F1TX1MPP      | F1 mathematics proficiency probability at level 1                     | F1 Weights and Composites | Rec #: 1, Pos: 845 |
| 1           | F1TX2MPP      | F1 mathematics proficiency probability at level 2                     | F1 Weights and Composites | Rec #: 1, Pos: 850 |
| 1           | F1TX3MPP      | F1 mathematics proficiency probability at level 3                     | F1 Weights and Composites | Rec #: 1, Pos: 855 |
| 1           | F1TX4MPP      | F1 mathematics proficiency probability at level 4                     | F1 Weights and Composites | Rec #: 1, Pos: 860 |
| 1           | F1TX5MPP      | F1 mathematics proficiency probability at level 5                     | F1 Weights and Composites | Rec #: 1, Pos: 865 |
| 1           | F1BYMTGN      | IRT math estimated number right gain: BY to F1                        | F1 Weights and Composites | Rec #: 1, Pos: 870 |
| 1           | F1TXNAEP      | NAEP-equated ELS:2002 IRT number-right math score                     | F1 Weights and Composites | Rec #: 1, Pos: 876 |
| 1           | F1RESZIP      | F1 residential ZIP code for student/family (restricted)               | F1 Weights and Composites | Rec #: 1, Pos: 883 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description              | Position           |
|-------------|---------------|--------------------------------------------------------------|----------------------------------|--------------------|
| 1           | F1QXDATP      | F1 date completed interview                                  | F1 Weights and Composites        | Rec #: 1, Pos: 888 |
| 1           | F1QXDATR      | F1 date completed interview (restricted)                     | F1 Weights and Composites        | Rec #: 1, Pos: 894 |
| 1           | F1HIMATH      | F1 highest math course of a half year or more                | F1 Weights and Composites        | Rec #: 1, Pos: 902 |
| 1           | F1PSEPLN      | F1 postsecondary plans right after high school               | F1 Weights and Composites        | Rec #: 1, Pos: 904 |
| 1           | F1XTRACU      | Number of school-sponsored activities participated in 03-04  | F1 Weights and Composites        | Rec #: 1, Pos: 906 |
| 1           | F1WRKHRS      | F1 hours worked per week during 03-04 school year            | F1 Weights and Composites        | Rec #: 1, Pos: 908 |
| 1           | F1TVVIGM      | F1 hrs/day watching TV/videos/playing video games (weekdays) | F1 Weights and Composites        | Rec #: 1, Pos: 910 |
| 1           | F1COMPHR      | F1 frequency of computer use for all purposes (hours/day)    | F1 Weights and Composites        | Rec #: 1, Pos: 912 |
| 1           | F1COLINF      | F1 sources for college information                           | F1 Weights and Composites        | Rec #: 1, Pos: 914 |
| 1           | F1MATHSE      | F1 mathematics self-efficacy                                 | F1 Weights and Composites        | Rec #: 1, Pos: 916 |
| 1           | F1SEXIM       | Imputation Flag - F1SEX                                      | F1 Weights and Composites        | Rec #: 1, Pos: 922 |
| 1           | F1RACEIM      | Imputation Flag - F1RACE                                     | F1 Weights and Composites        | Rec #: 1, Pos: 924 |
| 1           | F1HISPIM      | Imputation Flag - F1HISPAN (restricted)                      | F1 Weights and Composites        | Rec #: 1, Pos: 926 |
| 1           | F1ASNIM       | Imputation Flag - F1ASIAN (restricted)                       | F1 Weights and Composites        | Rec #: 1, Pos: 928 |
| 1           | F1STLNIM      | Imputation Flag - F1STLANG                                   | F1 Weights and Composites        | Rec #: 1, Pos: 930 |
| 1           | F1FCMPIM      | Imputation Flag - F1FCOMP                                    | F1 Weights and Composites        | Rec #: 1, Pos: 932 |
| 1           | F1MOEDIM      | Imputation Flag - F1MOTHED                                   | F1 Weights and Composites        | Rec #: 1, Pos: 934 |
| 1           | F1FAEDIM      | Imputation Flag - F1FATHED                                   | F1 Weights and Composites        | Rec #: 1, Pos: 936 |
| 1           | F1OCCMIM      | Imputation Flag - F1OCCUM                                    | F1 Weights and Composites        | Rec #: 1, Pos: 938 |
| 1           | F1OCCFIM      | Imputation Flag - F1OCCUF                                    | F1 Weights and Composites        | Rec #: 1, Pos: 940 |
| 1           | F1STEXIM      | Imputation Flag - F1STEXP                                    | F1 Weights and Composites        | Rec #: 1, Pos: 942 |
| 1           | F1TESTIM      | Imputation Flag - F1 math scores                             | F1 Weights and Composites        | Rec #: 1, Pos: 944 |
| 1           | F1ENRLIM      | Imputation flag - F1ENRFIN (restricted)                      | F1 Weights and Composites        | Rec #: 1, Pos: 946 |
| 1           | F1GRADIM      | Imputation Flag - F1GRADE                                    | F1 Weights and Composites        | Rec #: 1, Pos: 948 |
| 1           | F1RTRFLG      | Transcript coverage flag                                     | High School Transcript (Student) | Rec #: 1, Pos: 950 |
| 1           | F1TRSCWT      | Cross-sectional high school transcript weight                | High School Transcript (Student) | Rec #: 1, Pos: 952 |
| 1           | F1RHTUNP      | Total Carnegie units - categorized                           | High School Transcript (Student) | Rec #: 1, Pos: 962 |
| 1           | F1RTR09       | G9 transcript availability                                   | High School Transcript (Student) | Rec #: 1, Pos: 964 |
| 1           | F1RTR10       | G10 transcript availability                                  | High School Transcript (Student) | Rec #: 1, Pos: 966 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description              | Position            |
|-------------|---------------|----------------------------------------------------|----------------------------------|---------------------|
| 1           | F1RTR11       | G11 transcript availability                        | High School Transcript (Student) | Rec #: 1, Pos: 968  |
| 1           | F1RTR12       | G12 transcript availability                        | High School Transcript (Student) | Rec #: 1, Pos: 970  |
| 1           | F1RTR0UT      | Transcript indicated outcome                       | High School Transcript (Student) | Rec #: 1, Pos: 972  |
| 1           | F1RSCH1       | Base-year transcript school ID                     | High School Transcript (Student) | Rec #: 1, Pos: 974  |
| 1           | F1RTRFL1      | Transcript school 1 flag                           | High School Transcript (Student) | Rec #: 1, Pos: 978  |
| 1           | F1RS1CTR      | Base-year transcript school classification         | High School Transcript (Student) | Rec #: 1, Pos: 980  |
| 1           | F1RS1URB      | Base-year transcript school district type          | High School Transcript (Student) | Rec #: 1, Pos: 982  |
| 1           | F1RS1REG      | Base-year transcript school region of country      | High School Transcript (Student) | Rec #: 1, Pos: 984  |
| 1           | F1RS1STA      | Base-year transcript school state                  | High School Transcript (Student) | Rec #: 1, Pos: 986  |
| 1           | F1RS1CLI      | Base-year transcript school course list            | High School Transcript (Student) | Rec #: 1, Pos: 988  |
| 1           | F1RSCH2       | Transfer transcript school ID                      | High School Transcript (Student) | Rec #: 1, Pos: 990  |
| 1           | F1RTRFL2      | Transcript school 2 flag                           | High School Transcript (Student) | Rec #: 1, Pos: 994  |
| 1           | F1RS2CTR      | Transfer transcript school classification          | High School Transcript (Student) | Rec #: 1, Pos: 996  |
| 1           | F1RS2URB      | Transfer transcript school district type           | High School Transcript (Student) | Rec #: 1, Pos: 998  |
| 1           | F1RS2REG      | Transfer transcript school region of country       | High School Transcript (Student) | Rec #: 1, Pos: 1000 |
| 1           | F1RS2STA      | Transfer transcript school state                   | High School Transcript (Student) | Rec #: 1, Pos: 1002 |
| 1           | F1RS2CLI      | Transfer transcript school course list             | High School Transcript (Student) | Rec #: 1, Pos: 1004 |
| 1           | F1RSCHL       | Last attended transcript school ID                 | High School Transcript (Student) | Rec #: 1, Pos: 1006 |
| 1           | F1RTRFLL      | Last transcript school flag                        | High School Transcript (Student) | Rec #: 1, Pos: 1010 |
| 1           | F1RSLCTR      | Last transcript school classification              | High School Transcript (Student) | Rec #: 1, Pos: 1012 |
| 1           | F1RSLURB      | Last transcript school district type               | High School Transcript (Student) | Rec #: 1, Pos: 1014 |
| 1           | F1RSLREG      | Last transcript school region of country           | High School Transcript (Student) | Rec #: 1, Pos: 1016 |
| 1           | F1RSLSTA      | Last transcript school state                       | High School Transcript (Student) | Rec #: 1, Pos: 1018 |
| 1           | F1RSLCLI      | Last transcript school course list                 | High School Transcript (Student) | Rec #: 1, Pos: 1020 |
| 1           | F1RSPFLG      | Specialized courses or programs                    | High School Transcript (Student) | Rec #: 1, Pos: 1022 |
| 1           | F1RDTLFT      | Year/month/day student left school                 | High School Transcript (Student) | Rec #: 1, Pos: 1024 |
| 1           | F1RREASL      | Reason student left school                         | High School Transcript (Student) | Rec #: 1, Pos: 1032 |
| 1           | F1RGPA        | Transcript reported cumulative GPA                 | High School Transcript (Student) | Rec #: 1, Pos: 1034 |
| 1           | F1RPSATM      | Preliminary Scholastic Aptitude Test (mathematics) | High School Transcript (Student) | Rec #: 1, Pos: 1040 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description              | Position            |
|-------------|---------------|----------------------------------------------------------------|----------------------------------|---------------------|
| 1           | F1RPSATV      | Preliminary Scholastic Aptitude Test (verbal)                  | High School Transcript (Student) | Rec #: 1, Pos: 1042 |
| 1           | F1RPSATW      | Preliminary Scholastic Aptitude Test (written)                 | High School Transcript (Student) | Rec #: 1, Pos: 1044 |
| 1           | F1RPSAMM      | Most recent Preliminary Scholastic Aptitude Test (mathematics) | High School Transcript (Student) | Rec #: 1, Pos: 1046 |
| 1           | F1RPSAVM      | Most recent Preliminary Scholastic Aptitude Test (verbal)      | High School Transcript (Student) | Rec #: 1, Pos: 1048 |
| 1           | F1RPSAWM      | Most recent Preliminary Scholastic Aptitude Test (written)     | High School Transcript (Student) | Rec #: 1, Pos: 1050 |
| 1           | F1RPSATD      | Date of most recent Preliminary Scholastic Aptitude Test       | High School Transcript (Student) | Rec #: 1, Pos: 1052 |
| 1           | F1RHTUN       | Total Carnegie units                                           | High School Transcript (Student) | Rec #: 1, Pos: 1058 |
| 1           | F1RHEN_C      | Units in English (HS+B/NELS)                                   | High School Transcript (Student) | Rec #: 1, Pos: 1064 |
| 1           | F1RHMA_C      | Units in mathematics (HS+B/NELS)                               | High School Transcript (Student) | Rec #: 1, Pos: 1070 |
| 1           | F1RHSC_C      | Units in science (HS+B/NELS)                                   | High School Transcript (Student) | Rec #: 1, Pos: 1076 |
| 1           | F1RHSO_C      | Units in social studies (HS+B/NELS)                            | High School Transcript (Student) | Rec #: 1, Pos: 1082 |
| 1           | F1RHCO_C      | Units in computer science (HS+B/NELS)                          | High School Transcript (Student) | Rec #: 1, Pos: 1088 |
| 1           | F1RHFO_C      | Units in non-English language (HS+B/NELS)                      | High School Transcript (Student) | Rec #: 1, Pos: 1094 |
| 1           | F1R01_C       | Units in agribusiness/ag. production                           | High School Transcript (Student) | Rec #: 1, Pos: 1100 |
| 1           | F1R02_C       | Units in agricultural sciences                                 | High School Transcript (Student) | Rec #: 1, Pos: 1106 |
| 1           | F1R03_C       | Units in renewable natural resources                           | High School Transcript (Student) | Rec #: 1, Pos: 1112 |
| 1           | F1R04_C       | Units in architecture/env. design                              | High School Transcript (Student) | Rec #: 1, Pos: 1118 |
| 1           | F1R05_C       | Units in area and ethnic studies                               | High School Transcript (Student) | Rec #: 1, Pos: 1124 |
| 1           | F1R06_C       | Units in business and management                               | High School Transcript (Student) | Rec #: 1, Pos: 1130 |
| 1           | F1R07_C       | Units in business and office                                   | High School Transcript (Student) | Rec #: 1, Pos: 1136 |
| 1           | F1R08_C       | Units in marketing and distribution                            | High School Transcript (Student) | Rec #: 1, Pos: 1142 |
| 1           | F1R09_C       | Units in communication                                         | High School Transcript (Student) | Rec #: 1, Pos: 1148 |
| 1           | F1R10_C       | Units in communication technologies                            | High School Transcript (Student) | Rec #: 1, Pos: 1154 |
| 1           | F1R11_C       | Units in computer/information sciences                         | High School Transcript (Student) | Rec #: 1, Pos: 1160 |
| 1           | F1R12_C       | Units in consumer/personal services                            | High School Transcript (Student) | Rec #: 1, Pos: 1166 |
| 1           | F1R13_C       | Units in education                                             | High School Transcript (Student) | Rec #: 1, Pos: 1172 |
| 1           | F1R14_C       | Units in engineering                                           | High School Transcript (Student) | Rec #: 1, Pos: 1178 |
| 1           | F1R15_C       | Units in engineering technologies                              | High School Transcript (Student) | Rec #: 1, Pos: 1184 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description              | Position            |
|-------------|---------------|-------------------------------------------|----------------------------------|---------------------|
| 1           | F1R16_C       | Units in non-English language             | High School Transcript (Student) | Rec #: 1, Pos: 1190 |
| 1           | F1R17_C       | Units in allied health                    | High School Transcript (Student) | Rec #: 1, Pos: 1196 |
| 1           | F1R18_C       | Units in health sciences                  | High School Transcript (Student) | Rec #: 1, Pos: 1202 |
| 1           | F1R19_C       | Units in home economics                   | High School Transcript (Student) | Rec #: 1, Pos: 1208 |
| 1           | F1R20_C       | Units in vocational home economics        | High School Transcript (Student) | Rec #: 1, Pos: 1214 |
| 1           | F1R21_C       | Units in industrial arts                  | High School Transcript (Student) | Rec #: 1, Pos: 1220 |
| 1           | F1R22_C       | Units in law                              | High School Transcript (Student) | Rec #: 1, Pos: 1226 |
| 1           | F1R23_C       | Units in letters/English                  | High School Transcript (Student) | Rec #: 1, Pos: 1232 |
| 1           | F1R24_C       | Units in liberal/general studies          | High School Transcript (Student) | Rec #: 1, Pos: 1238 |
| 1           | F1R25_C       | Units in library and archival sciences    | High School Transcript (Student) | Rec #: 1, Pos: 1244 |
| 1           | F1R26_C       | Units in life sciences                    | High School Transcript (Student) | Rec #: 1, Pos: 1250 |
| 1           | F1R27_C       | Units in mathematics                      | High School Transcript (Student) | Rec #: 1, Pos: 1256 |
| 1           | F1R28_C       | Units in military sciences                | High School Transcript (Student) | Rec #: 1, Pos: 1262 |
| 1           | F1R29_C       | Units in military technologies            | High School Transcript (Student) | Rec #: 1, Pos: 1268 |
| 1           | F1R30_C       | Units in multi./interdisciplinary studies | High School Transcript (Student) | Rec #: 1, Pos: 1274 |
| 1           | F1R31_C       | Units in parks and recreation             | High School Transcript (Student) | Rec #: 1, Pos: 1280 |
| 1           | F1R32_C       | Units in basic skills                     | High School Transcript (Student) | Rec #: 1, Pos: 1286 |
| 1           | F1R33_C       | Units in citizenship/civic activities     | High School Transcript (Student) | Rec #: 1, Pos: 1292 |
| 1           | F1R34_C       | Units in health-related activities        | High School Transcript (Student) | Rec #: 1, Pos: 1298 |
| 1           | F1R35_C       | Units in interpersonal skills             | High School Transcript (Student) | Rec #: 1, Pos: 1304 |
| 1           | F1R36_C       | Units in leisure and rec. activities      | High School Transcript (Student) | Rec #: 1, Pos: 1310 |
| 1           | F1R37_C       | Units in personal awareness               | High School Transcript (Student) | Rec #: 1, Pos: 1316 |
| 1           | F1R38_C       | Units in philosophy and religion          | High School Transcript (Student) | Rec #: 1, Pos: 1322 |
| 1           | F1R39_C       | Units in theology                         | High School Transcript (Student) | Rec #: 1, Pos: 1328 |
| 1           | F1R40_C       | Units in physical science                 | High School Transcript (Student) | Rec #: 1, Pos: 1334 |
| 1           | F1R41_C       | Units in sciences technologies            | High School Transcript (Student) | Rec #: 1, Pos: 1340 |
| 1           | F1R42_C       | Units in psychology                       | High School Transcript (Student) | Rec #: 1, Pos: 1346 |
| 1           | F1R43_C       | Units in protective services              | High School Transcript (Student) | Rec #: 1, Pos: 1352 |
| 1           | F1R44_C       | Units in public affairs                   | High School Transcript (Student) | Rec #: 1, Pos: 1358 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description              | Position            |
|-------------|---------------|----------------------------------------------------------|----------------------------------|---------------------|
| 1           | F1R45_C       | Units in social sciences                                 | High School Transcript (Student) | Rec #: 1, Pos: 1364 |
| 1           | F1R46_C       | Units in construction trades                             | High School Transcript (Student) | Rec #: 1, Pos: 1370 |
| 1           | F1R47_C       | Units in mechanics and repairers                         | High School Transcript (Student) | Rec #: 1, Pos: 1376 |
| 1           | F1R48_C       | Units in precision production                            | High School Transcript (Student) | Rec #: 1, Pos: 1382 |
| 1           | F1R49_C       | Units in transportation/material moving                  | High School Transcript (Student) | Rec #: 1, Pos: 1388 |
| 1           | F1R50_C       | Units in visual and performing arts                      | High School Transcript (Student) | Rec #: 1, Pos: 1394 |
| 1           | F1R51_C       | Units in executive internship                            | High School Transcript (Student) | Rec #: 1, Pos: 1400 |
| 1           | F1R54_C       | Units in special education                               | High School Transcript (Student) | Rec #: 1, Pos: 1406 |
| 1           | F1R55_C       | Units in special education/vocational                    | High School Transcript (Student) | Rec #: 1, Pos: 1412 |
| 1           | F1R56_C       | Units in special ed./resource curriculum                 | High School Transcript (Student) | Rec #: 1, Pos: 1418 |
| 1           | F1RHTAC       | Total academic units (SST)                               | High School Transcript (Student) | Rec #: 1, Pos: 1424 |
| 1           | F1RHTACP      | Total academic units (SST) - categorical                 | High School Transcript (Student) | Rec #: 1, Pos: 1430 |
| 1           | F1RMAT_C      | Units in mathematics (SST)                               | High School Transcript (Student) | Rec #: 1, Pos: 1432 |
| 1           | F1RMAT_P      | Units in mathematics (SST) - categorical                 | High School Transcript (Student) | Rec #: 1, Pos: 1438 |
| 1           | F1RSCI_C      | Units in science (SST)                                   | High School Transcript (Student) | Rec #: 1, Pos: 1440 |
| 1           | F1RSCI_P      | Units in science (SST) - categorical                     | High School Transcript (Student) | Rec #: 1, Pos: 1446 |
| 1           | F1RENG_C      | Units in English (SST)                                   | High School Transcript (Student) | Rec #: 1, Pos: 1448 |
| 1           | F1RENG_P      | Units in English (SST) - categorical                     | High School Transcript (Student) | Rec #: 1, Pos: 1454 |
| 1           | F1RSOC_C      | Units in social studies (SST)                            | High School Transcript (Student) | Rec #: 1, Pos: 1456 |
| 1           | F1RSOC_P      | Units in social studies (SST) - categorical              | High School Transcript (Student) | Rec #: 1, Pos: 1462 |
| 1           | F1RFIN_C      | Units in fine arts (SST)                                 | High School Transcript (Student) | Rec #: 1, Pos: 1464 |
| 1           | F1RFIN_P      | Units in fine arts (SST) - categorical                   | High School Transcript (Student) | Rec #: 1, Pos: 1470 |
| 1           | F1RNON_C      | Units in non-English language (SST)                      | High School Transcript (Student) | Rec #: 1, Pos: 1472 |
| 1           | F1RNON_P      | Units in non-English language (SST) - categorical        | High School Transcript (Student) | Rec #: 1, Pos: 1478 |
| 1           | F1RHTVO       | Total vocational/technical units (SST)                   | High School Transcript (Student) | Rec #: 1, Pos: 1480 |
| 1           | F1RHTVOP      | Total vocational/technical units (SST) - categorical     | High School Transcript (Student) | Rec #: 1, Pos: 1486 |
| 1           | F1RFAM_C      | Units in family/consumer science ed. (SST)               | High School Transcript (Student) | Rec #: 1, Pos: 1488 |
| 1           | F1RFAM_P      | Units in family/consumer science ed. (SST) - categorical | High School Transcript (Student) | Rec #: 1, Pos: 1494 |
| 1           | F1RGLA_C      | Units in general labor market prep. (SST)                | High School Transcript (Student) | Rec #: 1, Pos: 1496 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description              | Position            |
|-------------|---------------|----------------------------------------------------------|----------------------------------|---------------------|
| 1           | F1RGLA_P      | Units in general labor market prep. (SST) - categorical  | High School Transcript (Student) | Rec #: 1, Pos: 1502 |
| 1           | F1RSLA_C      | Units in specific labor market prep (SST)                | High School Transcript (Student) | Rec #: 1, Pos: 1504 |
| 1           | F1RSLA_P      | Units in specific labor market prep. (SST) - categorical | High School Transcript (Student) | Rec #: 1, Pos: 1510 |
| 1           | F1RHTEN       | Total enrichment/other units (SST)                       | High School Transcript (Student) | Rec #: 1, Pos: 1512 |
| 1           | F1RHTENP      | Total enrichment/other units (SST) - categorical         | High School Transcript (Student) | Rec #: 1, Pos: 1518 |
| 1           | F1RGEN_C      | Units in general skills (SST)                            | High School Transcript (Student) | Rec #: 1, Pos: 1520 |
| 1           | F1RGEN_P      | Units in general skills (SST) - categorical              | High School Transcript (Student) | Rec #: 1, Pos: 1526 |
| 1           | F1RHEA_C      | Units in health/physical/rec. ed. (SST)                  | High School Transcript (Student) | Rec #: 1, Pos: 1528 |
| 1           | F1RHEA_P      | Units in health/physical/rec. ed. (SST) - categorical    | High School Transcript (Student) | Rec #: 1, Pos: 1534 |
| 1           | F1RREL_C      | Units in religion and theology (SST)                     | High School Transcript (Student) | Rec #: 1, Pos: 1536 |
| 1           | F1RREL_P      | Units in religion and theology (SST) - categorical       | High School Transcript (Student) | Rec #: 1, Pos: 1542 |
| 1           | F1RMIL_C      | Units in military science (SST)                          | High School Transcript (Student) | Rec #: 1, Pos: 1544 |
| 1           | F1RHTCO       | Total core subject units                                 | High School Transcript (Student) | Rec #: 1, Pos: 1550 |
| 1           | F1RHTCOP      | Total core subject units (SST) - categorical             | High School Transcript (Student) | Rec #: 1, Pos: 1556 |
| 1           | F1RHTNC       | Total non-core subject units                             | High School Transcript (Student) | Rec #: 1, Pos: 1558 |
| 1           | F1RHTNCP      | Total non-core subject units (SST) - categorical         | High School Transcript (Student) | Rec #: 1, Pos: 1564 |
| 1           | F1RAPCA       | Total AP/IB calculus                                     | High School Transcript (Student) | Rec #: 1, Pos: 1566 |
| 1           | F1RAPCAP      | Total AP/IB Calculus courses - categorical               | High School Transcript (Student) | Rec #: 1, Pos: 1572 |
| 1           | F1RAPMA       | Total AP/IB math courses                                 | High School Transcript (Student) | Rec #: 1, Pos: 1574 |
| 1           | F1RAPMAP      | Total AP/IB Math courses - categorical                   | High School Transcript (Student) | Rec #: 1, Pos: 1580 |
| 1           | F1RAPFA       | Total AP/IB fine arts courses                            | High School Transcript (Student) | Rec #: 1, Pos: 1582 |
| 1           | F1RAPFAP      | Total AP/IB Fine Arts courses - categorical              | High School Transcript (Student) | Rec #: 1, Pos: 1588 |
| 1           | F1RAPSC       | Total AP/IB science courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1590 |
| 1           | F1RAPSCP      | Total AP/IB Science courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1596 |
| 1           | F1RAPEN       | Total AP/IB English courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1598 |
| 1           | F1RAPENP      | Total AP/IB English courses - categorical                | High School Transcript (Student) | Rec #: 1, Pos: 1604 |
| 1           | F1RAPSO       | Total AP/IB social studies courses                       | High School Transcript (Student) | Rec #: 1, Pos: 1606 |
| 1           | F1RAPSOP      | Total AP/IB Social Studies courses - categorical         | High School Transcript (Student) | Rec #: 1, Pos: 1612 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description              | Position            |
|-------------|---------------|------------------------------------------------------------------|----------------------------------|---------------------|
| 1           | F1RAPCS       | Total AP/IB computer science courses                             | High School Transcript (Student) | Rec #: 1, Pos: 1614 |
| 1           | F1RAPCSP      | Total AP/IB Computer Science courses - categorical               | High School Transcript (Student) | Rec #: 1, Pos: 1620 |
| 1           | F1RAPNE       | Total AP/IB non-English language courses                         | High School Transcript (Student) | Rec #: 1, Pos: 1622 |
| 1           | F1RAPNEP      | Total AP/IB Non-English Language courses - categorical           | High School Transcript (Student) | Rec #: 1, Pos: 1628 |
| 1           | F1RAPIB       | Total AP/IB courses                                              | High School Transcript (Student) | Rec #: 1, Pos: 1630 |
| 1           | F1RAPIBP      | Total AP/IB Courses - categorical                                | High School Transcript (Student) | Rec #: 1, Pos: 1636 |
| 1           | F1RAL1_C      | Units in algebra I                                               | High School Transcript (Student) | Rec #: 1, Pos: 1638 |
| 1           | F1RGEO_C      | Units in geometry                                                | High School Transcript (Student) | Rec #: 1, Pos: 1644 |
| 1           | F1RAL2_C      | Units in algebra II                                              | High School Transcript (Student) | Rec #: 1, Pos: 1650 |
| 1           | F1RTRI_C      | Units in trigonometry                                            | High School Transcript (Student) | Rec #: 1, Pos: 1656 |
| 1           | F1RPRE_C      | Units in pre-calculus                                            | High School Transcript (Student) | Rec #: 1, Pos: 1662 |
| 1           | F1RCAL_C      | Units in calculus                                                | High School Transcript (Student) | Rec #: 1, Pos: 1668 |
| 1           | F1RMAPIP      | Math course taking pipeline                                      | High School Transcript (Student) | Rec #: 1, Pos: 1674 |
| 1           | F1REAR_C      | Units in earth science                                           | High School Transcript (Student) | Rec #: 1, Pos: 1676 |
| 1           | F1RBIO_C      | Units in biology                                                 | High School Transcript (Student) | Rec #: 1, Pos: 1682 |
| 1           | F1RCHE_C      | Units in chemistry                                               | High School Transcript (Student) | Rec #: 1, Pos: 1688 |
| 1           | F1RPHY_C      | Units in physics                                                 | High School Transcript (Student) | Rec #: 1, Pos: 1694 |
| 1           | F1RSCPIP      | Science course taking pipeline                                   | High School Transcript (Student) | Rec #: 1, Pos: 1700 |
| 1           | F1RNEPIP      | Non-English language pipeline                                    | High School Transcript (Student) | Rec #: 1, Pos: 1702 |
| 1           | F1RNEHI       | Highest non-English language                                     | High School Transcript (Student) | Rec #: 1, Pos: 1704 |
| 1           | F1RACADC      | Academic concentrator                                            | High School Transcript (Student) | Rec #: 1, Pos: 1706 |
| 1           | F1ROCCUC      | Occupational concentrator                                        | High School Transcript (Student) | Rec #: 1, Pos: 1708 |
| 1           | F1RTRCC       | Transcript indicated curriculum concentration                    | High School Transcript (Student) | Rec #: 1, Pos: 1710 |
| 1           | F1RGPP2       | GPA for all courses taken in the 9th - 12th grades - categorical | High School Transcript (Student) | Rec #: 1, Pos: 1712 |
| 1           | F1RNEWB       | New basics requirements                                          | High School Transcript (Student) | Rec #: 1, Pos: 1714 |
| 1           | F1RGP9        | GPA for all 9th grade courses                                    | High School Transcript (Student) | Rec #: 1, Pos: 1716 |
| 1           | F1RGP9P       | GPA for all 9th grade courses - categorical                      | High School Transcript (Student) | Rec #: 1, Pos: 1721 |
| 1           | F1RAGP9       | GPA for all academic 9th grade courses                           | High School Transcript (Student) | Rec #: 1, Pos: 1723 |
| 1           | F1RAGP9P      | GPA for all academic 9th grade courses - categorical             | High School Transcript (Student) | Rec #: 1, Pos: 1728 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description              | Position            |
|-------------|---------------|----------------------------------------------------------------------|----------------------------------|---------------------|
| 1           | F1RGP10       | GPA for all 10th grade courses                                       | High School Transcript (Student) | Rec #: 1, Pos: 1730 |
| 1           | F1RGP0P       | GPA for all 10th grade courses - categorical                         | High School Transcript (Student) | Rec #: 1, Pos: 1735 |
| 1           | F1RAGP10      | GPA for all academic 10th grade courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1737 |
| 1           | F1RAGP0P      | GPA for all academic 10th grade courses - categorical                | High School Transcript (Student) | Rec #: 1, Pos: 1742 |
| 1           | F1RGP11       | GPA for all 11th grade courses                                       | High School Transcript (Student) | Rec #: 1, Pos: 1744 |
| 1           | F1RGP1P       | GPA for all 11th grade courses - categorical                         | High School Transcript (Student) | Rec #: 1, Pos: 1749 |
| 1           | F1RAGP11      | GPA for all academic 11th grade courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1751 |
| 1           | F1RAGP1P      | GPA for all academic 11th grade courses - categorical                | High School Transcript (Student) | Rec #: 1, Pos: 1756 |
| 1           | F1RGP12       | GPA for all 12th grade courses                                       | High School Transcript (Student) | Rec #: 1, Pos: 1758 |
| 1           | F1RGP2P       | GPA for all 12th grade courses - categorical                         | High School Transcript (Student) | Rec #: 1, Pos: 1763 |
| 1           | F1RAGP12      | GPA for all academic 12th grade courses                              | High School Transcript (Student) | Rec #: 1, Pos: 1765 |
| 1           | F1RAGP2P      | GPA for all academic 12th grade courses - categorical                | High School Transcript (Student) | Rec #: 1, Pos: 1770 |
| 1           | F1RGP         | GPA for all courses                                                  | High School Transcript (Student) | Rec #: 1, Pos: 1772 |
| 1           | F1RGPP        | GPA for all courses taken in the 9th - 12th grades - categorical     | High School Transcript (Student) | Rec #: 1, Pos: 1777 |
| 1           | F1RAGP        | GPA for all academic courses                                         | High School Transcript (Student) | Rec #: 1, Pos: 1779 |
| 1           | F1RAGPP       | GPA for all academic courses 9th - 12th grades - categorical         | High School Transcript (Student) | Rec #: 1, Pos: 1784 |
| 1           | F1RAGPH       | GPA for all academic courses, honors weighted                        | High School Transcript (Student) | Rec #: 1, Pos: 1786 |
| 1           | F1RAGPHP      | GPA for all academic courses 9th-12th grd; honors wgt - categorical  | High School Transcript (Student) | Rec #: 1, Pos: 1791 |
| 1           | F1RAGPN       | GPA for all academic courses, failed courses excluded                | High School Transcript (Student) | Rec #: 1, Pos: 1793 |
| 1           | F1RAGPNP      | GPA for all academic courses 9th-12th grd; failed excl - categorical | High School Transcript (Student) | Rec #: 1, Pos: 1798 |
| 1           | F1S51CD1      | 1st postsecondary school applied to (IPEDS code) - restricted        | High School Transcript (Student) | Rec #: 1, Pos: 1800 |
| 1           | F1S51CD2      | 2nd postsecondary school applied to (IPEDS code) - restricted        | High School Transcript (Student) | Rec #: 1, Pos: 1806 |
| 1           | TXACTC        | Most recent ACT composite score                                      | College Entrance Test Scores     | Rec #: 1, Pos: 1812 |
| 1           | TXACTM        | Most recent ACT math component score                                 | College Entrance Test Scores     | Rec #: 1, Pos: 1814 |
| 1           | TXACTR        | Most recent ACT reading component score                              | College Entrance Test Scores     | Rec #: 1, Pos: 1816 |
| 1           | TXACTE        | Most recent ACT English component score                              | College Entrance Test Scores     | Rec #: 1, Pos: 1818 |
| 1           | TXACTS        | Most recent ACT science component score                              | College Entrance Test Scores     | Rec #: 1, Pos: 1820 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                       | Section Description          | Position            |
|-------------|---------------|------------------------------------------------------|------------------------------|---------------------|
| 1           | TXEESATC      | Higher entrance exam composite score in terms of SAT | College Entrance Test Scores | Rec #: 1, Pos: 1822 |
| 1           | TXEESATM      | Higher entrance exam math score in terms of SAT      | College Entrance Test Scores | Rec #: 1, Pos: 1826 |
| 1           | TXEEACTC      | Higher entrance exam composite score in terms of ACT | College Entrance Test Scores | Rec #: 1, Pos: 1829 |
| 1           | TXEEACTM      | Higher entrance exam math score in terms of ACT      | College Entrance Test Scores | Rec #: 1, Pos: 1831 |
| 1           | TXSATM        | Most recent SAT math score                           | College Entrance Test Scores | Rec #: 1, Pos: 1833 |
| 1           | TXSATV        | Most recent SAT verbal score                         | College Entrance Test Scores | Rec #: 1, Pos: 1836 |
| 1           | TXSATC        | Most recent SAT composite score                      | College Entrance Test Scores | Rec #: 1, Pos: 1839 |
| 1           | TXAPBIO       | AP exam: Biology                                     | College Entrance Test Scores | Rec #: 1, Pos: 1843 |
| 1           | TXAPCHE       | AP exam: Chemistry                                   | College Entrance Test Scores | Rec #: 1, Pos: 1845 |
| 1           | TXAPCGP       | AP exam: Comparative government and politics         | College Entrance Test Scores | Rec #: 1, Pos: 1847 |
| 1           | TXAPCSA       | AP exam: Computer science A                          | College Entrance Test Scores | Rec #: 1, Pos: 1849 |
| 1           | TXAPCSB       | AP exam: Computer science AB                         | College Entrance Test Scores | Rec #: 1, Pos: 1851 |
| 1           | TXAPLIT       | AP exam: English literature and composition          | College Entrance Test Scores | Rec #: 1, Pos: 1853 |
| 1           | TXAPLAN       | AP exam: English language and composition            | College Entrance Test Scores | Rec #: 1, Pos: 1855 |
| 1           | TXAPEUH       | AP exam: European history                            | College Entrance Test Scores | Rec #: 1, Pos: 1857 |
| 1           | TXAPFLA       | AP exam: French language                             | College Entrance Test Scores | Rec #: 1, Pos: 1859 |
| 1           | TXAPFLI       | AP exam: French literature                           | College Entrance Test Scores | Rec #: 1, Pos: 1861 |
| 1           | TXAPGER       | AP exam: German language                             | College Entrance Test Scores | Rec #: 1, Pos: 1863 |
| 1           | TXAPHAR       | AP exam: Art History                                 | College Entrance Test Scores | Rec #: 1, Pos: 1865 |
| 1           | TXAPLVE       | AP exam: Latin/Vergil                                | College Entrance Test Scores | Rec #: 1, Pos: 1867 |
| 1           | TXAPCAA       | AP exam: Calculus AB                                 | College Entrance Test Scores | Rec #: 1, Pos: 1869 |
| 1           | TXAPCAB       | AP exam: Calculus BC                                 | College Entrance Test Scores | Rec #: 1, Pos: 1871 |
| 1           | TXAPMAC       | AP exam: Macroeconomics                              | College Entrance Test Scores | Rec #: 1, Pos: 1873 |
| 1           | TXAPMIC       | AP exam: Microeconomics                              | College Entrance Test Scores | Rec #: 1, Pos: 1875 |
| 1           | TXAPMT        | AP exam: Music theory                                | College Entrance Test Scores | Rec #: 1, Pos: 1877 |
| 1           | TXAPPB        | AP exam: Physics B                                   | College Entrance Test Scores | Rec #: 1, Pos: 1879 |
| 1           | TXAPPCE       | AP exam: Physics C, E & M                            | College Entrance Test Scores | Rec #: 1, Pos: 1881 |
| 1           | TXAPPCM       | AP exam: Physics C, mechanics                        | College Entrance Test Scores | Rec #: 1, Pos: 1883 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description          | Position            |
|-------------|---------------|------------------------------------------------|------------------------------|---------------------|
| 1           | TXAPPSY       | AP exam: Psychology                            | College Entrance Test Scores | Rec #: 1, Pos: 1885 |
| 1           | TXAPSLA       | AP exam: Spanish language                      | College Entrance Test Scores | Rec #: 1, Pos: 1887 |
| 1           | TXAPSLI       | AP exam: Spanish literature                    | College Entrance Test Scores | Rec #: 1, Pos: 1889 |
| 1           | TXAPSAD       | AP exam: Studio art drawing                    | College Entrance Test Scores | Rec #: 1, Pos: 1891 |
| 1           | TXAPUSG       | AP exam: US government and politics            | College Entrance Test Scores | Rec #: 1, Pos: 1893 |
| 1           | TXAPUSH       | AP exam: US history                            | College Entrance Test Scores | Rec #: 1, Pos: 1895 |
| 1           | TXAPENV       | AP exam: Environmental science                 | College Entrance Test Scores | Rec #: 1, Pos: 1897 |
| 1           | TXAPHUM       | AP exam: Human geography                       | College Entrance Test Scores | Rec #: 1, Pos: 1899 |
| 1           | TXAPLAT       | AP exam: Latin literature                      | College Entrance Test Scores | Rec #: 1, Pos: 1901 |
| 1           | TXAPSTA       | AP exam: Statistics                            | College Entrance Test Scores | Rec #: 1, Pos: 1903 |
| 1           | TXAPSA2       | AP exam: Studio art 2-d design                 | College Entrance Test Scores | Rec #: 1, Pos: 1905 |
| 1           | TXAPSA3       | AP exam: Studio art 3-d design                 | College Entrance Test Scores | Rec #: 1, Pos: 1907 |
| 1           | TXAPWOR       | AP exam: World history                         | College Entrance Test Scores | Rec #: 1, Pos: 1909 |
| 1           | TXSATM1       | SAT subject test: Mathematics 1                | College Entrance Test Scores | Rec #: 1, Pos: 1911 |
| 1           | TXSATM2       | SAT subject test: Mathematics 2                | College Entrance Test Scores | Rec #: 1, Pos: 1914 |
| 1           | TXSATPH       | SAT subject test: Physics                      | College Entrance Test Scores | Rec #: 1, Pos: 1917 |
| 1           | TXSATCH       | SAT subject test: Chemistry                    | College Entrance Test Scores | Rec #: 1, Pos: 1920 |
| 1           | TXSATBY       | SAT subject test: Biology                      | College Entrance Test Scores | Rec #: 1, Pos: 1923 |
| 1           | TXSATLI       | SAT subject test: Literature                   | College Entrance Test Scores | Rec #: 1, Pos: 1926 |
| 1           | TXSATUS       | SAT subject test: U.S. History                 | College Entrance Test Scores | Rec #: 1, Pos: 1929 |
| 1           | TXSATFR       | SAT subject test: French                       | College Entrance Test Scores | Rec #: 1, Pos: 1932 |
| 1           | TXSATGE       | SAT subject test: German                       | College Entrance Test Scores | Rec #: 1, Pos: 1935 |
| 1           | TXSATLA       | SAT subject test: Latin                        | College Entrance Test Scores | Rec #: 1, Pos: 1938 |
| 1           | TXSATSP       | SAT subject test: Spanish                      | College Entrance Test Scores | Rec #: 1, Pos: 1941 |
| 1           | TXSATMH       | SAT subject test: Modern Hebrew                | College Entrance Test Scores | Rec #: 1, Pos: 1944 |
| 1           | TXSATCL       | SAT subject test: Chinese with listening       | College Entrance Test Scores | Rec #: 1, Pos: 1947 |
| 1           | TXSATEP       | SAT subject test: English language proficiency | College Entrance Test Scores | Rec #: 1, Pos: 1950 |
| 1           | TXSATFL       | SAT subject test: French with listening        | College Entrance Test Scores | Rec #: 1, Pos: 1953 |
| 1           | TXSATGL       | SAT subject test: German with listening        | College Entrance Test Scores | Rec #: 1, Pos: 1956 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description          | Position            |
|-------------|---------------|------------------------------------------------------------------------|------------------------------|---------------------|
| 1           | TXSATSL       | SAT subject test: Spanish with listening                               | College Entrance Test Scores | Rec #: 1, Pos: 1959 |
| 1           | TXSATWH       | SAT subject test: World history                                        | College Entrance Test Scores | Rec #: 1, Pos: 1962 |
| 1           | TXSATWR       | SAT subject test: Writing                                              | College Entrance Test Scores | Rec #: 1, Pos: 1965 |
| 1           | F2QTSCWT      | Second follow-up transcript cross-sectional weight                     | F2 Weights and Composites    | Rec #: 1, Pos: 1968 |
| 1           | F2QWT         | Second follow-up cross-sectional weight                                | F2 Weights and Composites    | Rec #: 1, Pos: 1978 |
| 1           | F2F1WT        | Second follow-up first follow-up panel weight                          | F2 Weights and Composites    | Rec #: 1, Pos: 1988 |
| 1           | F2BYWT        | Second follow-up base year panel weight                                | F2 Weights and Composites    | Rec #: 1, Pos: 1998 |
| 1           | F2NRSTAT      | F2 nonresponse status (restricted)                                     | F2 Weights and Composites    | Rec #: 1, Pos: 2008 |
| 1           | F2QSTAT       | F2 questionnaire status                                                | F2 Weights and Composites    | Rec #: 1, Pos: 2010 |
| 1           | F2QMODE       | F2 mode of administration                                              | F2 Weights and Composites    | Rec #: 1, Pos: 2012 |
| 1           | F2RTYPE       | F2 respondent type                                                     | F2 Weights and Composites    | Rec #: 1, Pos: 2014 |
| 1           | F2SEX         | Sex - composite                                                        | F2 Weights and Composites    | Rec #: 1, Pos: 2016 |
| 1           | F2EVERDO      | F2 ever dropped out                                                    | F2 Weights and Composites    | Rec #: 1, Pos: 2018 |
| 1           | F2DOSTAT      | F2 dropout status (as of 2006 interview)                               | F2 Weights and Composites    | Rec #: 1, Pos: 2020 |
| 1           | F2SP04DO      | Spring 2004 dropout status (updated)                                   | F2 Weights and Composites    | Rec #: 1, Pos: 2022 |
| 1           | F2F1GR_P      | F1 grade level spring term 2004 (updated)                              | F2 Weights and Composites    | Rec #: 1, Pos: 2024 |
| 1           | F2F1GRDE      | F1 grade level spring term 2004 (updated)                              | F2 Weights and Composites    | Rec #: 1, Pos: 2026 |
| 1           | F2HSSTAT      | High school completion status in 2006                                  | F2 Weights and Composites    | Rec #: 1, Pos: 2028 |
| 1           | F2F1HSST      | High school completion status as of summer 2004                        | F2 Weights and Composites    | Rec #: 1, Pos: 2030 |
| 1           | F2HSATTM      | High school attainment indicator (academic risk)                       | F2 Weights and Composites    | Rec #: 1, Pos: 2032 |
| 1           | F2EDLEVL      | Highest level of education attempted                                   | F2 Weights and Composites    | Rec #: 1, Pos: 2034 |
| 1           | F2HIGRDE      | Highest grade level attempted                                          | F2 Weights and Composites    | Rec #: 1, Pos: 2036 |
| 1           | F2HSCPP2      | Year received high school diploma, certificate or GED                  | F2 Weights and Composites    | Rec #: 1, Pos: 2038 |
| 1           | F2HSLVP2      | Year last attended high school                                         | F2 Weights and Composites    | Rec #: 1, Pos: 2042 |
| 1           | F2HSCPDR      | Year/month received high schl diploma, certificate or GED (restricted) | F2 Weights and Composites    | Rec #: 1, Pos: 2046 |
| 1           | F2HSCPDP      | Year/quarter received high school diploma, certificate or GED          | F2 Weights and Composites    | Rec #: 1, Pos: 2052 |
| 1           | F2HSLVDR      | Year/month last attended high school (restricted)                      | F2 Weights and Composites    | Rec #: 1, Pos: 2057 |
| 1           | F2HSLVDP      | Year/quarter last attended high school                                 | F2 Weights and Composites    | Rec #: 1, Pos: 2063 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description       | Position            |
|-------------|---------------|----------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2EVRGED      | Ever earned GED/equivalency                                          | F2 Weights and Composites | Rec #: 1, Pos: 2068 |
| 1           | F2HSPLAN      | Whether plans to get GED or high school diploma/certificate          | F2 Weights and Composites | Rec #: 1, Pos: 2070 |
| 1           | F2HSPLP2      | Year plans to complete high school diploma/certificate/GED           | F2 Weights and Composites | Rec #: 1, Pos: 2072 |
| 1           | F2GEDP_P      | Program in which GED was earned                                      | F2 Weights and Composites | Rec #: 1, Pos: 2076 |
| 1           | F2HSPLDR      | Year/month plans to complete HS diploma/certificate/GED (restricted) | F2 Weights and Composites | Rec #: 1, Pos: 2078 |
| 1           | F2HSPLDP      | Year/quarter plans to complete high school diploma/certificate/GED   | F2 Weights and Composites | Rec #: 1, Pos: 2084 |
| 1           | F2GEDPRG      | Program in which GED was earned                                      | F2 Weights and Composites | Rec #: 1, Pos: 2089 |
| 1           | F2GEDOTH      | Other way in which GED was earned                                    | F2 Weights and Composites | Rec #: 1, Pos: 2091 |
| 1           | F2GEDST       | State where GED/equivalency was earned                               | F2 Weights and Composites | Rec #: 1, Pos: 2151 |
| 1           | F2WYGED1      | Completed GED to improve/advance/keep up to date on current job      | F2 Weights and Composites | Rec #: 1, Pos: 2153 |
| 1           | F2WYGED2      | Completed GED to train for new job/career                            | F2 Weights and Composites | Rec #: 1, Pos: 2155 |
| 1           | F2WYGED3      | Completed GED to improve basic reading, writing, or math skills      | F2 Weights and Composites | Rec #: 1, Pos: 2157 |
| 1           | F2WYGED4      | Completed GED to meet requirements for additional study              | F2 Weights and Composites | Rec #: 1, Pos: 2159 |
| 1           | F2WYGED5      | Completed GED because required or encouraged by employer             | F2 Weights and Composites | Rec #: 1, Pos: 2161 |
| 1           | F2WYGED6      | Completed GED because of personal/family/social reasons              | F2 Weights and Composites | Rec #: 1, Pos: 2163 |
| 1           | F2WYLV1       | Left school because got a job                                        | F2 Weights and Composites | Rec #: 1, Pos: 2165 |
| 1           | F2WYLV2       | Left school because did not like school                              | F2 Weights and Composites | Rec #: 1, Pos: 2167 |
| 1           | F2WYLV3       | Left school because could not get along with teachers/students       | F2 Weights and Composites | Rec #: 1, Pos: 2169 |
| 1           | F2WYLV4       | Left school because pregnant/became parent                           | F2 Weights and Composites | Rec #: 1, Pos: 2171 |
| 1           | F2WYLV5       | Left school because had to support or care for family                | F2 Weights and Composites | Rec #: 1, Pos: 2173 |
| 1           | F2WYLV6       | Left school because was suspended/expelled                           | F2 Weights and Composites | Rec #: 1, Pos: 2175 |
| 1           | F2WYLV7       | Left school because did not feel safe                                | F2 Weights and Composites | Rec #: 1, Pos: 2177 |
| 1           | F2WYLV8       | Left school because did not feel belonged there                      | F2 Weights and Composites | Rec #: 1, Pos: 2179 |
| 1           | F2WYLV9       | Left school because could not keep up with schoolwork                | F2 Weights and Composites | Rec #: 1, Pos: 2181 |
| 1           | F2WYLV10      | Left school because was getting poor grades/failing school           | F2 Weights and Composites | Rec #: 1, Pos: 2183 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description       | Position            |
|-------------|---------------|------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2WYLV11      | Left school because could not work at same time                        | F2 Weights and Composites | Rec #: 1, Pos: 2185 |
| 1           | F2WYLV12      | Left schl b/c thought couldn't complete courses/pass test to graduate  | F2 Weights and Composites | Rec #: 1, Pos: 2187 |
| 1           | F2WYLV13      | Left school because thought it would be easier to get GED              | F2 Weights and Composites | Rec #: 1, Pos: 2189 |
| 1           | F2WYLV14      | Left school because missed too many school days                        | F2 Weights and Composites | Rec #: 1, Pos: 2191 |
| 1           | F2PSEEXM      | Whether took college entrance exams                                    | F2 Weights and Composites | Rec #: 1, Pos: 2193 |
| 1           | F2EVAPP       | Ever applied to postsecondary school - composite                       | F2 Weights and Composites | Rec #: 1, Pos: 2195 |
| 1           | F2NAPP1P      | Number of schools respondent applied to                                | F2 Weights and Composites | Rec #: 1, Pos: 2197 |
| 1           | F2NAPP2P      | Number of schools respondent applied to (revised)                      | F2 Weights and Composites | Rec #: 1, Pos: 2199 |
| 1           | F2NACC1P      | Number of schools that accepted respondent                             | F2 Weights and Composites | Rec #: 1, Pos: 2201 |
| 1           | F2NACC2P      | Number of schools that accepted respondent (revised)                   | F2 Weights and Composites | Rec #: 1, Pos: 2203 |
| 1           | F2PCTACC      | Percentage of applied-to schools at which respondent was accepted      | F2 Weights and Composites | Rec #: 1, Pos: 2205 |
| 1           | F2NAPAI       | Number of applied-to schools which offered respondent financial aid    | F2 Weights and Composites | Rec #: 1, Pos: 2207 |
| 1           | F2PCTAI       | Percentage of acceptance schools which also offered financial aid      | F2 Weights and Composites | Rec #: 1, Pos: 2209 |
| 1           | F2NATT_P      | Number of schools respondent attended                                  | F2 Weights and Composites | Rec #: 1, Pos: 2211 |
| 1           | F2PSAPSL      | Greatest institutional selectivity of postsec institutions-application | F2 Weights and Composites | Rec #: 1, Pos: 2213 |
| 1           | F2NAPPLY      | Number of schools respondent applied to                                | F2 Weights and Composites | Rec #: 1, Pos: 2215 |
| 1           | F2NACCPT      | Number of schools that accepted respondent                             | F2 Weights and Composites | Rec #: 1, Pos: 2217 |
| 1           | F2NATTND      | Number of schools respondent attended                                  | F2 Weights and Composites | Rec #: 1, Pos: 2219 |
| 1           | F2PSACSL      | Greatest institutional selectivity of postsec institutions-acceptances | F2 Weights and Composites | Rec #: 1, Pos: 2221 |
| 1           | F2EVATT       | Whether has ever attended a postsecondary institution - composite      | F2 Weights and Composites | Rec #: 1, Pos: 2223 |
| 1           | F2PS1         | First 'real' postsecondary institution link number                     | F2 Weights and Composites | Rec #: 1, Pos: 2225 |
| 1           | F2PS1LVL      | Level of offering of first postsecondary institution                   | F2 Weights and Composites | Rec #: 1, Pos: 2227 |
| 1           | F2PS1CTR      | Control of first postsecondary institution                             | F2 Weights and Composites | Rec #: 1, Pos: 2229 |
| 1           | F2PS1SEC      | Sector of first postsecondary institution                              | F2 Weights and Composites | Rec #: 1, Pos: 2231 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description       | Position            |
|-------------|---------------|------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2PS1SLC      | Institutional selectivity of first attended postsecondary institution  | F2 Weights and Composites | Rec #: 1, Pos: 2233 |
| 1           | F2PS1GRT      | Offered scholarship/grant for first year at first postsec institution  | F2 Weights and Composites | Rec #: 1, Pos: 2235 |
| 1           | F2PS1LN       | Offered loan for first year at first postsecondary institution         | F2 Weights and Composites | Rec #: 1, Pos: 2237 |
| 1           | F2PS1WKS      | Offered work-study for first year at first postsecondary institution   | F2 Weights and Composites | Rec #: 1, Pos: 2239 |
| 1           | F2PS1WVR      | Offered tuition waiver/discount - 1st year at 1st postsec institution  | F2 Weights and Composites | Rec #: 1, Pos: 2241 |
| 1           | F2PS1AID      | Whether offered financial aid 1st yr at 1st postsec institution        | F2 Weights and Composites | Rec #: 1, Pos: 2243 |
| 1           | F2PS1NTY      | Number of types of aid offered by first postsecondary institution      | F2 Weights and Composites | Rec #: 1, Pos: 2245 |
| 1           | F2PS1FTP      | Enrollment intensity at first postsecondary institution                | F2 Weights and Composites | Rec #: 1, Pos: 2247 |
| 1           | F2PS1OUT      | Whether 1st postsecondary institution out of state of residence        | F2 Weights and Composites | Rec #: 1, Pos: 2249 |
| 1           | F2PSSTRT      | When started postsecondary education                                   | F2 Weights and Composites | Rec #: 1, Pos: 2251 |
| 1           | F2HS2P_P      | Number of months between high school and postsecondary entry           | F2 Weights and Composites | Rec #: 1, Pos: 2257 |
| 1           | F2PS1EEX      | College entrance exam scores relative to average scores at 1st PS inst | F2 Weights and Composites | Rec #: 1, Pos: 2259 |
| 1           | F2PS1REM      | Took math/writing/reading remedial course at 1st postsec institution   | F2 Weights and Composites | Rec #: 1, Pos: 2261 |
| 1           | F2HS2PS1      | Number of months between high school and postsecondary entry           | F2 Weights and Composites | Rec #: 1, Pos: 2263 |
| 1           | F2PSEND       | Last period of postsecondary education                                 | F2 Weights and Composites | Rec #: 1, Pos: 2265 |
| 1           | F2PSYR1       | Number of months enrolled in a PS inst in the year after HS comp/exit  | F2 Weights and Composites | Rec #: 1, Pos: 2267 |
| 1           | F2PSMO45      | Number of months enrolled in a postsec institution in 04-05 school yr  | F2 Weights and Composites | Rec #: 1, Pos: 2269 |
| 1           | F2ENRGAP      | Whether there was a gap in postsecondary enrollment                    | F2 Weights and Composites | Rec #: 1, Pos: 2271 |
| 1           | F2PSPR_4      | Number of months of postsecondary enrollment before January 2004       | F2 Weights and Composites | Rec #: 1, Pos: 2273 |
| 1           | F2PSPRE4      | Number of months of postsecondary enrollment before January 2004       | F2 Weights and Composites | Rec #: 1, Pos: 2275 |
| 1           | F2PS0401      | Enrolled in postsecondary institution in - 2004/01 (January 2004)      | F2 Weights and Composites | Rec #: 1, Pos: 2277 |
| 1           | F2PS0402      | Enrolled in postsecondary institution in - 2004/02 (February 2004)     | F2 Weights and Composites | Rec #: 1, Pos: 2279 |
| 1           | F2PS0403      | Enrolled in postsecondary institution in - 2004/03 (March 2004)        | F2 Weights and Composites | Rec #: 1, Pos: 2281 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description       | Position            |
|-------------|---------------|---------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2PS0404      | Enrolled in postsecondary institution in - 2004/04 (April 2004)     | F2 Weights and Composites | Rec #: 1, Pos: 2283 |
| 1           | F2PS0405      | Enrolled in postsecondary institution in - 2004/05 (May 2004)       | F2 Weights and Composites | Rec #: 1, Pos: 2285 |
| 1           | F2PS0406      | Enrolled in postsecondary institution in - 2004/06 (June 2004)      | F2 Weights and Composites | Rec #: 1, Pos: 2287 |
| 1           | F2PS0407      | Enrolled in postsecondary institution in - 2004/07 (July 2004)      | F2 Weights and Composites | Rec #: 1, Pos: 2289 |
| 1           | F2PS0408      | Enrolled in postsecondary institution in - 2004/08 (August 2004)    | F2 Weights and Composites | Rec #: 1, Pos: 2291 |
| 1           | F2PS0409      | Enrolled in postsecondary institution in - 2004/09 (September 2004) | F2 Weights and Composites | Rec #: 1, Pos: 2293 |
| 1           | F2PS0410      | Enrolled in postsecondary institution in - 2004/10 (October 2004)   | F2 Weights and Composites | Rec #: 1, Pos: 2295 |
| 1           | F2PS0411      | Enrolled in postsecondary institution in - 2004/11 (November 2004)  | F2 Weights and Composites | Rec #: 1, Pos: 2297 |
| 1           | F2PS0412      | Enrolled in postsecondary institution in - 2004/12 (December 2004)  | F2 Weights and Composites | Rec #: 1, Pos: 2299 |
| 1           | F2PS0501      | Enrolled in postsecondary institution in - 2005/01 (January 2005)   | F2 Weights and Composites | Rec #: 1, Pos: 2301 |
| 1           | F2PS0502      | Enrolled in postsecondary institution in - 2005/02 (February 2005)  | F2 Weights and Composites | Rec #: 1, Pos: 2303 |
| 1           | F2PS0503      | Enrolled in postsecondary institution in - 2005/03 (March 2005)     | F2 Weights and Composites | Rec #: 1, Pos: 2305 |
| 1           | F2PS0504      | Enrolled in postsecondary institution in - 2005/04 (April 2005)     | F2 Weights and Composites | Rec #: 1, Pos: 2307 |
| 1           | F2PS0505      | Enrolled in postsecondary institution in - 2005/05 (May 2005)       | F2 Weights and Composites | Rec #: 1, Pos: 2309 |
| 1           | F2PS0506      | Enrolled in postsecondary institution in - 2005/06 (June 2005)      | F2 Weights and Composites | Rec #: 1, Pos: 2311 |
| 1           | F2PS0507      | Enrolled in postsecondary institution in - 2005/07 (July 2005)      | F2 Weights and Composites | Rec #: 1, Pos: 2313 |
| 1           | F2PS0508      | Enrolled in postsecondary institution in - 2005/08 (August 2005)    | F2 Weights and Composites | Rec #: 1, Pos: 2315 |
| 1           | F2PS0509      | Enrolled in postsecondary institution in - 2005/09 (September 2005) | F2 Weights and Composites | Rec #: 1, Pos: 2317 |
| 1           | F2PS0510      | Enrolled in postsecondary institution in - 2005/10 (October 2005)   | F2 Weights and Composites | Rec #: 1, Pos: 2319 |
| 1           | F2PS0511      | Enrolled in postsecondary institution in - 2005/11 (November 2005)  | F2 Weights and Composites | Rec #: 1, Pos: 2321 |
| 1           | F2PS0512      | Enrolled in postsecondary institution in - 2005/12 (December 2005)  | F2 Weights and Composites | Rec #: 1, Pos: 2323 |
| 1           | F2PS0601      | Enrolled in postsecondary institution in - 2006/01 (January 2006)   | F2 Weights and Composites | Rec #: 1, Pos: 2325 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description       | Position            |
|-------------|---------------|------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2PS0602      | Enrolled in postsecondary institution in - 2006/02 (February 2006)     | F2 Weights and Composites | Rec #: 1, Pos: 2327 |
| 1           | F2PS0603      | Enrolled in postsecondary institution in - 2006/03 (March 2006)        | F2 Weights and Composites | Rec #: 1, Pos: 2329 |
| 1           | F2PS0604      | Enrolled in postsecondary institution in - 2006/04 (April 2006)        | F2 Weights and Composites | Rec #: 1, Pos: 2331 |
| 1           | F2PS0605      | Enrolled in postsecondary institution in - 2006/05 (May 2006)          | F2 Weights and Composites | Rec #: 1, Pos: 2333 |
| 1           | F2PS0606      | Enrolled in postsecondary institution in - 2006/06 (June 2006)         | F2 Weights and Composites | Rec #: 1, Pos: 2335 |
| 1           | F2PS0607      | Enrolled in postsecondary institution in - 2006/07 (July 2006)         | F2 Weights and Composites | Rec #: 1, Pos: 2337 |
| 1           | F2PS0608      | Enrolled in postsecondary institution in - 2006/08 (August 2006)       | F2 Weights and Composites | Rec #: 1, Pos: 2339 |
| 1           | F2SWITCH      | Whether transferred or switched postsecondary institutions             | F2 Weights and Composites | Rec #: 1, Pos: 2341 |
| 1           | F2PS2006      | 2006 postsecondary institution link number                             | F2 Weights and Composites | Rec #: 1, Pos: 2343 |
| 1           | F2MJR2_P      | Major in 2006 2-digit code                                             | F2 Weights and Composites | Rec #: 1, Pos: 2345 |
| 1           | F2PSEJ06      | January 2006 postsecondary enrollment status: level by intensity       | F2 Weights and Composites | Rec #: 1, Pos: 2347 |
| 1           | F2PTN1PS      | PSE attendance pattern (schl level): initial post-hs period v. Jan 06  | F2 Weights and Composites | Rec #: 1, Pos: 2349 |
| 1           | F2PTN2PS      | PSE attendance pattern (intensity): initial post-hs period v. Jan 2006 | F2 Weights and Composites | Rec #: 1, Pos: 2351 |
| 1           | F2PTN3PS      | Postsecondary attendance pattern: 1st year after high school           | F2 Weights and Composites | Rec #: 1, Pos: 2353 |
| 1           | F2PSPPLN      | Postsecondary education pipeline                                       | F2 Weights and Composites | Rec #: 1, Pos: 2355 |
| 1           | F2PSEPLN      | Fulfillment of 2004 Senior Year college plans                          | F2 Weights and Composites | Rec #: 1, Pos: 2357 |
| 1           | F2MAJOR4      | Major in 2006 4-digit code                                             | F2 Weights and Composites | Rec #: 1, Pos: 2359 |
| 1           | F2MAJOR2      | Major in 2006 2-digit code                                             | F2 Weights and Composites | Rec #: 1, Pos: 2363 |
| 1           | F2STEXP       | Highest level of education respondent expects to complete - composite  | F2 Weights and Composites | Rec #: 1, Pos: 2365 |
| 1           | F2F1EDEX      | F1-F2 Bachelor's degree expectation change                             | F2 Weights and Composites | Rec #: 1, Pos: 2367 |
| 1           | F2EVRJOB      | Ever held a job since leaving high school - composite                  | F2 Weights and Composites | Rec #: 1, Pos: 2369 |
| 1           | F21STO_P      | First occupation after high school (using ELS BY/F1 coding scheme)     | F2 Weights and Composites | Rec #: 1, Pos: 2371 |
| 1           | F21STOCC      | First occupation after high school (using ELS BY/F1 coding scheme)     | F2 Weights and Composites | Rec #: 1, Pos: 2373 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description       | Position            |
|-------------|---------------|-----------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2ONET16      | First occupation after high school 6-digit ONET code                  | F2 Weights and Composites | Rec #: 1, Pos: 2375 |
| 1           | F2ONET12      | First occupation after high school 2-digit ONET code                  | F2 Weights and Composites | Rec #: 1, Pos: 2381 |
| 1           | F2FSTWGE      | Standardized first job wage rate (per hour)                           | F2 Weights and Composites | Rec #: 1, Pos: 2383 |
| 1           | F2OCC1Q       | Questionable first post-high school occupation flag                   | F2 Weights and Composites | Rec #: 1, Pos: 2385 |
| 1           | F2CURO_P      | Current occupation (using ELS BY/F1 coding scheme)                    | F2 Weights and Composites | Rec #: 1, Pos: 2387 |
| 1           | F2CUROCC      | Current occupation (using ELS BY/F1 coding scheme)                    | F2 Weights and Composites | Rec #: 1, Pos: 2389 |
| 1           | F2ONETC6      | Current occupation - 6-digit ONET code                                | F2 Weights and Composites | Rec #: 1, Pos: 2391 |
| 1           | F2ONETC2      | Current occupation - 2-digit ONET code                                | F2 Weights and Composites | Rec #: 1, Pos: 2397 |
| 1           | F2CURWGE      | Standardized current job wage rate (per hour)                         | F2 Weights and Composites | Rec #: 1, Pos: 2399 |
| 1           | F2PUNE1P      | Percent of months nonenrollee unemployed since HS completion/exit     | F2 Weights and Composites | Rec #: 1, Pos: 2401 |
| 1           | F2POUTWF      | Percent of months nonenrollee out of work force between HS and Jan 06 | F2 Weights and Composites | Rec #: 1, Pos: 2403 |
| 1           | F2PUNE2P      | Percent of months nonenrollee unemployed between HS and January 06    | F2 Weights and Composites | Rec #: 1, Pos: 2405 |
| 1           | F2EMSTAB      | Number of months employed in current job                              | F2 Weights and Composites | Rec #: 1, Pos: 2407 |
| 1           | F2EMPPTN      | Employment pattern (nonenrollees) in 2006                             | F2 Weights and Composites | Rec #: 1, Pos: 2409 |
| 1           | F2ERN5P2      | Respondent's total 2005 job earnings                                  | F2 Weights and Composites | Rec #: 1, Pos: 2411 |
| 1           | F2OCC30P      | Occupation at age 30 (using ELS BY/F1 coding scheme)                  | F2 Weights and Composites | Rec #: 1, Pos: 2413 |
| 1           | F2E0401P      | Employment status - 2004/01 (January 2004)                            | F2 Weights and Composites | Rec #: 1, Pos: 2415 |
| 1           | F2E0402P      | Employment status - 2004/02 (February 2004)                           | F2 Weights and Composites | Rec #: 1, Pos: 2417 |
| 1           | F2E0403P      | Employment status - 2004/03 (March 2004)                              | F2 Weights and Composites | Rec #: 1, Pos: 2419 |
| 1           | F2E0404P      | Employment status - 2004/04 (April 2004)                              | F2 Weights and Composites | Rec #: 1, Pos: 2421 |
| 1           | F2E0405P      | Employment status - 2004/05 (May 2004)                                | F2 Weights and Composites | Rec #: 1, Pos: 2423 |
| 1           | F2E0406P      | Employment status - 2004/06 (June 2004)                               | F2 Weights and Composites | Rec #: 1, Pos: 2425 |
| 1           | F2E0407P      | Employment status - 2004/07 (July 2004)                               | F2 Weights and Composites | Rec #: 1, Pos: 2427 |
| 1           | F2E0408P      | Employment status - 2004/08 (August 2004)                             | F2 Weights and Composites | Rec #: 1, Pos: 2429 |
| 1           | F2E0409P      | Employment status - 2004/09 (September 2004)                          | F2 Weights and Composites | Rec #: 1, Pos: 2431 |
| 1           | F2E0410P      | Employment status - 2004/10 (October 2004)                            | F2 Weights and Composites | Rec #: 1, Pos: 2433 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description       | Position            |
|-------------|---------------|-------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2E0411P      | Employment status - 2004/11 (November 2004)                       | F2 Weights and Composites | Rec #: 1, Pos: 2435 |
| 1           | F2E0412P      | Employment status - 2004/12 (December 2004)                       | F2 Weights and Composites | Rec #: 1, Pos: 2437 |
| 1           | F2E0501P      | Employment status - 2005/01 (January 2005)                        | F2 Weights and Composites | Rec #: 1, Pos: 2439 |
| 1           | F2E0502P      | Employment status - 2005/02 (February 2005)                       | F2 Weights and Composites | Rec #: 1, Pos: 2441 |
| 1           | F2E0503P      | Employment status - 2005/03 (March 2005)                          | F2 Weights and Composites | Rec #: 1, Pos: 2443 |
| 1           | F2E0504P      | Employment status - 2005/04 (April 2005)                          | F2 Weights and Composites | Rec #: 1, Pos: 2445 |
| 1           | F2E0505P      | Employment status - 2005/05 (May 2005)                            | F2 Weights and Composites | Rec #: 1, Pos: 2447 |
| 1           | F2E0506P      | Employment status - 2005/06 (June 2005)                           | F2 Weights and Composites | Rec #: 1, Pos: 2449 |
| 1           | F2E0507P      | Employment status - 2005/07 (July 2005)                           | F2 Weights and Composites | Rec #: 1, Pos: 2451 |
| 1           | F2E0508P      | Employment status - 2005/08 (August 2005)                         | F2 Weights and Composites | Rec #: 1, Pos: 2453 |
| 1           | F2E0509P      | Employment status - 2005/09 (September 2005)                      | F2 Weights and Composites | Rec #: 1, Pos: 2455 |
| 1           | F2E0510P      | Employment status - 2005/10 (October 2005)                        | F2 Weights and Composites | Rec #: 1, Pos: 2457 |
| 1           | F2E0511P      | Employment status - 2005/11 (November 2005)                       | F2 Weights and Composites | Rec #: 1, Pos: 2459 |
| 1           | F2E0512P      | Employment status - 2005/12 (December 2005)                       | F2 Weights and Composites | Rec #: 1, Pos: 2461 |
| 1           | F2E0601P      | Employment status - 2006/01 (January 2006)                        | F2 Weights and Composites | Rec #: 1, Pos: 2463 |
| 1           | F2HHTO_P      | Number of 2006 household members including respondent             | F2 Weights and Composites | Rec #: 1, Pos: 2465 |
| 1           | F2NUNEMP      | Number of months nonenrollee unemployed since HS completion/exit  | F2 Weights and Composites | Rec #: 1, Pos: 2467 |
| 1           | F2PUNEMP      | Percent of months nonenrollee unemployed since HS completion/exit | F2 Weights and Composites | Rec #: 1, Pos: 2469 |
| 1           | F2ERN05R      | Respondent's total 2005 job earnings (restricted)                 | F2 Weights and Composites | Rec #: 1, Pos: 2472 |
| 1           | F2ERN05P      | Respondent's total 2005 job earnings                              | F2 Weights and Composites | Rec #: 1, Pos: 2478 |
| 1           | F2OCC30       | Occupation at age 30 (using ELS BY/F1 coding scheme)              | F2 Weights and Composites | Rec #: 1, Pos: 2480 |
| 1           | F2ONET36      | Occupation at age 30 - 6-digit ONET code                          | F2 Weights and Composites | Rec #: 1, Pos: 2482 |
| 1           | F2ONET32      | Occupation at age 30 - 2-digit ONET code                          | F2 Weights and Composites | Rec #: 1, Pos: 2488 |
| 1           | F2EM0206      | Employment status - 2002/06 (June 2002)                           | F2 Weights and Composites | Rec #: 1, Pos: 2490 |
| 1           | F2EM0207      | Employment status - 2002/07 (July 2002)                           | F2 Weights and Composites | Rec #: 1, Pos: 2492 |
| 1           | F2EM0208      | Employment status - 2002/08 (August 2002)                         | F2 Weights and Composites | Rec #: 1, Pos: 2494 |
| 1           | F2EM0209      | Employment status - 2002/09 (September 2002)                      | F2 Weights and Composites | Rec #: 1, Pos: 2496 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description       | Position            |
|-------------|---------------|----------------------------------------------|---------------------------|---------------------|
| 1           | F2EM0210      | Employment status - 2002/10 (October 2002)   | F2 Weights and Composites | Rec #: 1, Pos: 2498 |
| 1           | F2EM0211      | Employment status - 2002/11 (November 2002)  | F2 Weights and Composites | Rec #: 1, Pos: 2500 |
| 1           | F2EM0212      | Employment status - 2002/12 (December 2002)  | F2 Weights and Composites | Rec #: 1, Pos: 2502 |
| 1           | F2EM0301      | Employment status - 2003/01 (January 2003)   | F2 Weights and Composites | Rec #: 1, Pos: 2504 |
| 1           | F2EM0302      | Employment status - 2003/02 (February 2003)  | F2 Weights and Composites | Rec #: 1, Pos: 2506 |
| 1           | F2EM0303      | Employment status - 2003/03 (March 2003)     | F2 Weights and Composites | Rec #: 1, Pos: 2508 |
| 1           | F2EM0304      | Employment status - 2003/04 (April 2003)     | F2 Weights and Composites | Rec #: 1, Pos: 2510 |
| 1           | F2EM0305      | Employment status - 2003/05 (May 2003)       | F2 Weights and Composites | Rec #: 1, Pos: 2512 |
| 1           | F2EM0306      | Employment status - 2003/06 (June 2003)      | F2 Weights and Composites | Rec #: 1, Pos: 2514 |
| 1           | F2EM0307      | Employment status - 2003/07 (July 2003)      | F2 Weights and Composites | Rec #: 1, Pos: 2516 |
| 1           | F2EM0308      | Employment status - 2003/08 (August 2003)    | F2 Weights and Composites | Rec #: 1, Pos: 2518 |
| 1           | F2EM0309      | Employment status - 2003/09 (September 2003) | F2 Weights and Composites | Rec #: 1, Pos: 2520 |
| 1           | F2EM0310      | Employment status - 2003/10 (October 2003)   | F2 Weights and Composites | Rec #: 1, Pos: 2522 |
| 1           | F2EM0311      | Employment status - 2003/11 (November 2003)  | F2 Weights and Composites | Rec #: 1, Pos: 2524 |
| 1           | F2EM0312      | Employment status - 2003/12 (December 2003)  | F2 Weights and Composites | Rec #: 1, Pos: 2526 |
| 1           | F2EM0401      | Employment status - 2004/01 (January 2004)   | F2 Weights and Composites | Rec #: 1, Pos: 2528 |
| 1           | F2EM0402      | Employment status - 2004/02 (February 2004)  | F2 Weights and Composites | Rec #: 1, Pos: 2530 |
| 1           | F2EM0403      | Employment status - 2004/03 (March 2004)     | F2 Weights and Composites | Rec #: 1, Pos: 2532 |
| 1           | F2EM0404      | Employment status - 2004/04 (April 2004)     | F2 Weights and Composites | Rec #: 1, Pos: 2534 |
| 1           | F2EM0405      | Employment status - 2004/05 (May 2004)       | F2 Weights and Composites | Rec #: 1, Pos: 2536 |
| 1           | F2EM0406      | Employment status - 2004/06 (June 2004)      | F2 Weights and Composites | Rec #: 1, Pos: 2538 |
| 1           | F2EM0407      | Employment status - 2004/07 (July 2004)      | F2 Weights and Composites | Rec #: 1, Pos: 2540 |
| 1           | F2EM0408      | Employment status - 2004/08 (August 2004)    | F2 Weights and Composites | Rec #: 1, Pos: 2542 |
| 1           | F2EM0409      | Employment status - 2004/09 (September 2004) | F2 Weights and Composites | Rec #: 1, Pos: 2544 |
| 1           | F2EM0410      | Employment status - 2004/10 (October 2004)   | F2 Weights and Composites | Rec #: 1, Pos: 2546 |
| 1           | F2EM0411      | Employment status - 2004/11 (November 2004)  | F2 Weights and Composites | Rec #: 1, Pos: 2548 |
| 1           | F2EM0412      | Employment status - 2004/12 (December 2004)  | F2 Weights and Composites | Rec #: 1, Pos: 2550 |
| 1           | F2EM0501      | Employment status - 2005/01 (January 2005)   | F2 Weights and Composites | Rec #: 1, Pos: 2552 |
| 1           | F2EM0502      | Employment status - 2005/02 (February 2005)  | F2 Weights and Composites | Rec #: 1, Pos: 2554 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description       | Position            |
|-------------|---------------|----------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F2EM0503      | Employment status - 2005/03 (March 2005)                             | F2 Weights and Composites | Rec #: 1, Pos: 2556 |
| 1           | F2EM0504      | Employment status - 2005/04 (April 2005)                             | F2 Weights and Composites | Rec #: 1, Pos: 2558 |
| 1           | F2EM0505      | Employment status - 2005/05 (May 2005)                               | F2 Weights and Composites | Rec #: 1, Pos: 2560 |
| 1           | F2EM0506      | Employment status - 2005/06 (June 2005)                              | F2 Weights and Composites | Rec #: 1, Pos: 2562 |
| 1           | F2EM0507      | Employment status - 2005/07 (July 2005)                              | F2 Weights and Composites | Rec #: 1, Pos: 2564 |
| 1           | F2EM0508      | Employment status - 2005/08 (August 2005)                            | F2 Weights and Composites | Rec #: 1, Pos: 2566 |
| 1           | F2EM0509      | Employment status - 2005/09 (September 2005)                         | F2 Weights and Composites | Rec #: 1, Pos: 2568 |
| 1           | F2EM0510      | Employment status - 2005/10 (October 2005)                           | F2 Weights and Composites | Rec #: 1, Pos: 2570 |
| 1           | F2EM0511      | Employment status - 2005/11 (November 2005)                          | F2 Weights and Composites | Rec #: 1, Pos: 2572 |
| 1           | F2EM0512      | Employment status - 2005/12 (December 2005)                          | F2 Weights and Composites | Rec #: 1, Pos: 2574 |
| 1           | F2EM0601      | Employment status - 2006/01 (January 2006)                           | F2 Weights and Composites | Rec #: 1, Pos: 2576 |
| 1           | F2EM0602      | Employment status - 2006/02 (February 2006)                          | F2 Weights and Composites | Rec #: 1, Pos: 2578 |
| 1           | F2EM0603      | Employment status - 2006/03 (March 2006)                             | F2 Weights and Composites | Rec #: 1, Pos: 2580 |
| 1           | F2EM0604      | Employment status - 2006/04 (April 2006)                             | F2 Weights and Composites | Rec #: 1, Pos: 2582 |
| 1           | F2EM0605      | Employment status - 2006/05 (May 2006)                               | F2 Weights and Composites | Rec #: 1, Pos: 2584 |
| 1           | F2EM0606      | Employment status - 2006/06 (June 2006)                              | F2 Weights and Composites | Rec #: 1, Pos: 2586 |
| 1           | F2EM0607      | Employment status - 2006/07 (July 2006)                              | F2 Weights and Composites | Rec #: 1, Pos: 2588 |
| 1           | F2EM0608      | Employment status - 2006/08 (August 2006)                            | F2 Weights and Composites | Rec #: 1, Pos: 2590 |
| 1           | F2HHTOTL      | Number of 2006 household members including respondent                | F2 Weights and Composites | Rec #: 1, Pos: 2592 |
| 1           | F2HHPAR       | Whether sample member lived with parents in 2006                     | F2 Weights and Composites | Rec #: 1, Pos: 2594 |
| 1           | F2MARPAR      | Current (2006) marital-parental status                               | F2 Weights and Composites | Rec #: 1, Pos: 2596 |
| 1           | F2LIVARR      | Spring 2006 living arrangements                                      | F2 Weights and Composites | Rec #: 1, Pos: 2598 |
| 1           | F2NLFE_P      | Number of different types of stressful life events in past two years | F2 Weights and Composites | Rec #: 1, Pos: 2600 |
| 1           | F2NLFEVT      | Number of different types of stressful life events in past two years | F2 Weights and Composites | Rec #: 1, Pos: 2602 |
| 1           | F2RESZIP      | F2 residential ZIP code for respondent (restricted)                  | F2 Weights and Composites | Rec #: 1, Pos: 2604 |
| 1           | F2QXDATR      | F2 date completed interview (restricted)                             | F2 Weights and Composites | Rec #: 1, Pos: 2609 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                            | Section Description                           | Position            |
|-------------|---------------|-----------------------------------------------------------|-----------------------------------------------|---------------------|
| 1           | F2QXDATP      | F2 date completed interview                               | F2 Weights and Composites                     | Rec #: 1, Pos: 2617 |
| 1           | F2EVAPIM      | Imputation flag - F2EVRAPP (F2B01)                        | F2 Weights and Composites                     | Rec #: 1, Pos: 2623 |
| 1           | F2EVATIM      | Imputation flag - F2EVRATT (F2B07)                        | F2 Weights and Composites                     | Rec #: 1, Pos: 2625 |
| 1           | F2STEXIM      | Imputation flag - F2STEXP (F2B30)                         | F2 Weights and Composites                     | Rec #: 1, Pos: 2627 |
| 1           | F2EVRJIM      | Imputation flag - F2EVRJOB (F2C01)                        | F2 Weights and Composites                     | Rec #: 1, Pos: 2629 |
| 1           | F2ERN5IM      | Imputation flag - F2ERN05R                                | F2 Weights and Composites                     | Rec #: 1, Pos: 2631 |
| 1           | F2MTCHAT      | Match attempt indicator for extant data sources           | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2633 |
| 1           | F2CPSTAT      | CPS/FAFSA data availability status                        | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2635 |
| 1           | F2NSSTAT      | NSLDS loan/Pell grant data availability status            | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2637 |
| 1           | F2GESTAT      | GED Testing Program data availability status              | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2639 |
| 1           | F2CPS05STAT   | CPS/FAFSA match attempt indicator - academic year 2004-05 | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2641 |
| 1           | F2CPS06STAT   | CPS/FAFSA match attempt indicator - academic year 2005-06 | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2643 |
| 1           | F2CPS07STAT   | CPS/FAFSA match attempt indicator - academic year 2006-07 | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2645 |
| 1           | F2NSLDSSTAT   | NSLDS match attempt indicator - (as of F2)                | External Source Student Data (as of F2)       | Rec #: 1, Pos: 2647 |
| 1           | F2PELL0405    | Pell grant 2004-05                                        | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2649 |
| 1           | F2PELL0506    | Pell grant 2005-06                                        | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2653 |
| 1           | F2PELL0607    | Pell grant 2006-07 (Fall 2006 only)                       | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2657 |
| 1           | F2STSB0405    | Stafford subsidized loan 2004-05                          | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2661 |
| 1           | F2STSB0506    | Stafford subsidized loan 2005-06                          | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2666 |
| 1           | F2STSB0607    | Stafford subsidized loan 2006-07 (Fall 2006 only)         | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2671 |
| 1           | F2STUN0405    | Stafford unsubsidized loan 2004-05                        | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2676 |
| 1           | F2STUN0506    | Stafford unsubsidized loan 2005-06                        | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2681 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description                           | Position            |
|-------------|---------------|-----------------------------------------------------|-----------------------------------------------|---------------------|
| 1           | F2STUN0607    | Stafford unsubsidized loan 2006-07 (Fall 2006 only) | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2686 |
| 1           | F2PLUS0405    | PLUS loan 2004-05                                   | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2691 |
| 1           | F2PLUS0506    | PLUS loan 2005-06                                   | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2696 |
| 1           | F2PLUS0607    | PLUS loan 2006-07 (Fall 2006 only)                  | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2701 |
| 1           | F2STFY0405    | Stafford loan total 2004-05                         | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2706 |
| 1           | F2STFY0506    | Stafford loan total 2005-06                         | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2711 |
| 1           | F2STFY0607    | Stafford loan total 2006-07 (Fall 2006 only)        | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2716 |
| 1           | F2PELLCUM     | Cumulative Pell                                     | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2721 |
| 1           | F2PELLYRS     | Pell: number of years received                      | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2725 |
| 1           | F2PLUSCUM     | Cumulative PLUS                                     | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2727 |
| 1           | F2PERKCUM     | Cumulative Perkins                                  | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2732 |
| 1           | F2CNSOWED     | Consolidated loan: amount owed                      | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2737 |
| 1           | F2STAFTCUM    | Cumulative Stafford total                           | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2742 |
| 1           | F2STAFSCUM    | Cumulative Stafford subsidized                      | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2747 |
| 1           | F2STAFUCUM    | Cumulative Stafford unsubsidized                    | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2752 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                          | Section Description                           | Position            |
|-------------|---------------|-------------------------------------------------------------------------|-----------------------------------------------|---------------------|
| 1           | F2SSPCUM      | Cumulative Stafford sub and Perkins                                     | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2757 |
| 1           | F2STPCUM      | Cumulative Stafford and Perkins                                         | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2762 |
| 1           | F2SPPCUM      | Cumulative Stafford, Perkins, PLUS                                      | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2767 |
| 1           | F2STAFYRS     | Stafford: number of years borrowed                                      | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2772 |
| 1           | F2PLUSYRS     | PLUS: number of years borrowed                                          | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2774 |
| 1           | F2STPOWED     | Stafford and Perkins: amount owed                                       | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2776 |
| 1           | F2SPPOWED     | Stafford, Perkins, PLUS: amount owed                                    | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2781 |
| 1           | F2TOTOWED     | Total amount owed except for PLUS                                       | External Source Financial Aid Data (as of F2) | Rec #: 1, Pos: 2786 |
| 1           | F3QWT         | Third follow-up questionnaire respondent weight                         | F3 Weights and Composites                     | Rec #: 1, Pos: 2791 |
| 1           | F3BYPNLWT     | Panel weight, BY and F3 (2002 and 2012)                                 | F3 Weights and Composites                     | Rec #: 1, Pos: 2801 |
| 1           | F3F1PNLWT     | Panel weight, F1 and F3 (2006 and 2012)                                 | F3 Weights and Composites                     | Rec #: 1, Pos: 2811 |
| 1           | F3QTSCWT      | Third follow-up HS transcript respondent weight                         | F3 Weights and Composites                     | Rec #: 1, Pos: 2821 |
| 1           | F3BYTSCWT     | Panel weight, BY and F3 (2002 and 2012) HS transcript respondent weight | F3 Weights and Composites                     | Rec #: 1, Pos: 2831 |
| 1           | F3F1TSCWT     | Panel weight, F1 and F3 (2006 and 2012) HS transcript respondent weight | F3 Weights and Composites                     | Rec #: 1, Pos: 2841 |
| 1           | F3NRSTAT      | F3 non-response status                                                  | F3 Weights and Composites                     | Rec #: 1, Pos: 2851 |
| 1           | F3QSTAT       | F3 questionnaire status                                                 | F3 Weights and Composites                     | Rec #: 1, Pos: 2853 |
| 1           | F3QDATE       | Date completed F3 interview                                             | F3 Weights and Composites                     | Rec #: 1, Pos: 2855 |
| 1           | F3HSSTAT      | High school completion status (updated version of F2HSSTAT)             | F3 Weights and Composites                     | Rec #: 1, Pos: 2863 |
| 1           | F3HSCPDR      | High school completion date (updated version of F2HSCPDR)               | F3 Weights and Composites                     | Rec #: 1, Pos: 2865 |
| 1           | F3EVERDO      | F3 ever dropped out of high school (updated version of F2EVERDO)        | F3 Weights and Composites                     | Rec #: 1, Pos: 2871 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                          | Section Description       | Position            |
|-------------|---------------|-------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F3EVRGED      | F3 ever earned GED/equivalency (updated version of F2EVRGED)            | F3 Weights and Composites | Rec #: 1, Pos: 2873 |
| 1           | F3GEDPRG      | F3 program in which GED was earned (updated version of F2GEDPRG)        | F3 Weights and Composites | Rec #: 1, Pos: 2875 |
| 1           | F3WYGED1      | Completed GED to improve/advance at current job (update of F2WYGED1)    | F3 Weights and Composites | Rec #: 1, Pos: 2877 |
| 1           | F3WYGED2      | Completed GED to train for new job/career (update of F2WYGED2)          | F3 Weights and Composites | Rec #: 1, Pos: 2879 |
| 1           | F3WYGED3      | Completed GED to improve basic skills (update of F2WYGED3)              | F3 Weights and Composites | Rec #: 1, Pos: 2881 |
| 1           | F3WYGED4      | Completed GED to met reqrmnts for additional study (update of F2WYGED4) | F3 Weights and Composites | Rec #: 1, Pos: 2883 |
| 1           | F3WYGED5      | Completed GED b/c req/encouraged by employer (update of F2WYGED5)       | F3 Weights and Composites | Rec #: 1, Pos: 2885 |
| 1           | F3WYGED6      | Completed GED for personal/family/social reasons (update of F2WYGED6)   | F3 Weights and Composites | Rec #: 1, Pos: 2887 |
| 1           | F3GEDST       | State in which GED/equivalency was earned (updated version of F2GEDST)  | F3 Weights and Composites | Rec #: 1, Pos: 2889 |
| 1           | F3JUNEDSTAT   | Postsecondary enrollment status as of June 2012                         | F3 Weights and Composites | Rec #: 1, Pos: 2891 |
| 1           | F3EVRATT      | F3 ever attended a postsecondary institution                            | F3 Weights and Composites | Rec #: 1, Pos: 2893 |
| 1           | F3EDSTAT      | Postsecondary enrollment status as of the F3 interview                  | F3 Weights and Composites | Rec #: 1, Pos: 2895 |
| 1           | F3PS1START    | Year/month first attended a postsecondary institution                   | F3 Weights and Composites | Rec #: 1, Pos: 2897 |
| 1           | F3PS1LVL      | Level of first-attended PS institution                                  | F3 Weights and Composites | Rec #: 1, Pos: 2903 |
| 1           | F3PS1CTR      | Control of first-attended PS institution                                | F3 Weights and Composites | Rec #: 1, Pos: 2905 |
| 1           | F3PS1SEC      | Sector of first-attended PS institution                                 | F3 Weights and Composites | Rec #: 1, Pos: 2907 |
| 1           | F3PS1SLC      | Selectivity of first-attended PS institution                            | F3 Weights and Composites | Rec #: 1, Pos: 2909 |
| 1           | F3PS1OUT      | Whether 1st PS institution was out-of-state                             | F3 Weights and Composites | Rec #: 1, Pos: 2911 |
| 1           | F3PS1RETAIN   | Status relative to first-attended postsecondary institution             | F3 Weights and Composites | Rec #: 1, Pos: 2913 |
| 1           | F3PSTIMING    | Timing of first postsecondary enrollment                                | F3 Weights and Composites | Rec #: 1, Pos: 2915 |
| 1           | F3PSLLVL      | Level of last/currently attended PS institution                         | F3 Weights and Composites | Rec #: 1, Pos: 2917 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                  | Section Description       | Position            |
|-------------|---------------|---------------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F3PSLCTR      | Control of last/currently attended PS institution                               | F3 Weights and Composites | Rec #: 1, Pos: 2919 |
| 1           | F3PSLSEC      | Sector of last/currently attended PS institution                                | F3 Weights and Composites | Rec #: 1, Pos: 2921 |
| 1           | F3PSLSLC      | Selectivity of last/currently attended PS institution                           | F3 Weights and Composites | Rec #: 1, Pos: 2923 |
| 1           | F3PSLSTART    | Year/month R began attending their last/currently attended PS institution       | F3 Weights and Composites | Rec #: 1, Pos: 2925 |
| 1           | F3PSLCRED     | Whether R earned a credential from their last/currently attended PS institution | F3 Weights and Composites | Rec #: 1, Pos: 2931 |
| 1           | F3PS2BA       | Number of months between PS entry and BA completion                             | F3 Weights and Composites | Rec #: 1, Pos: 2933 |
| 1           | F3HS2PS1      | Number of months between HS exit and PS entry                                   | F3 Weights and Composites | Rec #: 1, Pos: 2936 |
| 1           | F3HS2BA       | Number of months between HS completion and BA completion                        | F3 Weights and Composites | Rec #: 1, Pos: 2939 |
| 1           | F3NATTND      | Number of postsecondary institutions attended                                   | F3 Weights and Composites | Rec #: 1, Pos: 2942 |
| 1           | F3NUMPUB      | Number of public postsecondary institutions attended                            | F3 Weights and Composites | Rec #: 1, Pos: 2944 |
| 1           | F3NUMPRIFOR   | Number of private for-profit postsecondary institutions attended                | F3 Weights and Composites | Rec #: 1, Pos: 2946 |
| 1           | F3NUMPRINOT   | Number of private not-for-profit postsecondary institutions attended            | F3 Weights and Composites | Rec #: 1, Pos: 2948 |
| 1           | F3NUM4YR      | Number of 4-year postsecondary institutions attended                            | F3 Weights and Composites | Rec #: 1, Pos: 2950 |
| 1           | F3NUM2YR      | Number of 2-year postsecondary institutions attended                            | F3 Weights and Composites | Rec #: 1, Pos: 2952 |
| 1           | F3NUMLT2      | Number of less-than-2-year postsecondary institutions attended                  | F3 Weights and Composites | Rec #: 1, Pos: 2954 |
| 1           | F3NUMMOD4     | Number of moderately-selective 4-year PS institutions attended                  | F3 Weights and Composites | Rec #: 1, Pos: 2956 |
| 1           | F3NUMINCL4    | Number of inclusive 4-year PS institutions attended                             | F3 Weights and Composites | Rec #: 1, Pos: 2958 |
| 1           | F3NUMHI4      | Number of highly-selective 4-year PS institutions attended                      | F3 Weights and Composites | Rec #: 1, Pos: 2960 |
| 1           | F3NUMHBCU     | Number of HBCUs attended                                                        | F3 Weights and Composites | Rec #: 1, Pos: 2962 |
| 1           | F3EVRPUB      | Ever attended a public PS institution                                           | F3 Weights and Composites | Rec #: 1, Pos: 2964 |
| 1           | F3EVRPRIFOR   | Ever attended a private for-profit PS institution                               | F3 Weights and Composites | Rec #: 1, Pos: 2966 |
| 1           | F3EVRPRINOT   | Ever attended a private not-for-profit PS institution                           | F3 Weights and Composites | Rec #: 1, Pos: 2968 |
| 1           | F3EVR4YR      | Ever attended a 4-year institution                                              | F3 Weights and Composites | Rec #: 1, Pos: 2970 |
| 1           | F3EVR2YR      | Ever attended a 2-year institution                                              | F3 Weights and Composites | Rec #: 1, Pos: 2972 |
| 1           | F3EVRLT2      | Ever attended a less-than 2-year institution                                    | F3 Weights and Composites | Rec #: 1, Pos: 2974 |
| 1           | F3EVRMOD4     | Ever attended a moderately-selective 4-year institution                         | F3 Weights and Composites | Rec #: 1, Pos: 2976 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name     | Variable label                                                        | Section Description       | Position            |
|-------------|-------------------|-----------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F3EVRINCL4        | Ever attended an inclusive 4-year institution                         | F3 Weights and Composites | Rec #: 1, Pos: 2978 |
| 1           | F3EVRHI4          | Ever attended a highly-selective 4-year institution                   | F3 Weights and Composites | Rec #: 1, Pos: 2980 |
| 1           | F3EVRHBCU         | Ever attended a Historically Black College or University              | F3 Weights and Composites | Rec #: 1, Pos: 2982 |
| 1           | F3PSSELECT        | Highest selectivity among all attended postsecondary institutions     | F3 Weights and Composites | Rec #: 1, Pos: 2984 |
| 1           | F3ATTAINMENT      | Highest level of education earned as of F3                            | F3 Weights and Composites | Rec #: 1, Pos: 2986 |
| 1           | F3ATTAINDATE      | Year/month received highest credential earned                         | F3 Weights and Composites | Rec #: 1, Pos: 2988 |
| 1           | F3FIRSTPSCREDD    | First postsecondary credential earned                                 | F3 Weights and Composites | Rec #: 1, Pos: 2994 |
| 1           | F3FIRSTPSCREDDATE | Year/month received first postsecondary credential                    | F3 Weights and Composites | Rec #: 1, Pos: 2996 |
| 1           | F3BYEDEXPFF       | Fulfillment of BY educational expectations as of F3                   | F3 Weights and Composites | Rec #: 1, Pos: 3002 |
| 1           | F3F1EDEXPFF       | Fulfillment of F1 educational expectations as of F3                   | F3 Weights and Composites | Rec #: 1, Pos: 3004 |
| 1           | F3FURTHERED       | Whether R has already attained expected highest level of education    | F3 Weights and Composites | Rec #: 1, Pos: 3006 |
| 1           | F3STEXP           | Highest level of education respondent expects to complete - composite | F3 Weights and Composites | Rec #: 1, Pos: 3008 |
| 1           | F3HIIMPACT        | Number of high-impact educational activities in which R participated  | F3 Weights and Composites | Rec #: 1, Pos: 3010 |
| 1           | F3EVRJOB          | Ever worked for pay since January 2006                                | F3 Weights and Composites | Rec #: 1, Pos: 3012 |
| 1           | F3EMPSTAT         | Employment status as of the F3 interview                              | F3 Weights and Composites | Rec #: 1, Pos: 3014 |
| 1           | F3JUNEMPSTAT      | Employment status as of June 2012                                     | F3 Weights and Composites | Rec #: 1, Pos: 3016 |
| 1           | F3ONET2CURR       | 2-digit ONET code for current/most recent job                         | F3 Weights and Composites | Rec #: 1, Pos: 3018 |
| 1           | F3ONET6CURR       | 6-digit ONET code for current/most recent job                         | F3 Weights and Composites | Rec #: 1, Pos: 3020 |
| 1           | F3SEICURR         | SEI-based code for current/most recent job                            | F3 Weights and Composites | Rec #: 1, Pos: 3026 |
| 1           | F3HOURWAGE        | Standardized hourly wage for current/most recent job                  | F3 Weights and Composites | Rec #: 1, Pos: 3028 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description       | Position            |
|-------------|---------------|----------------------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F3EMPMONTHS   | Number of months employed at current/most recent job                             | F3 Weights and Composites | Rec #: 1, Pos: 3036 |
| 1           | F3ERN2011     | 2011 employment income: R only                                                   | F3 Weights and Composites | Rec #: 1, Pos: 3039 |
| 1           | F3EMPINC2011  | 2011 employment income: R + spouse/partner (if applicable)                       | F3 Weights and Composites | Rec #: 1, Pos: 3047 |
| 1           | F3SPERN2011   | 2011 employment income: spouse/partner only                                      | F3 Weights and Composites | Rec #: 1, Pos: 3055 |
| 1           | F3ALLINC2011  | 2011 income from all sources: R + spouse/partner (if applicable)                 | F3 Weights and Composites | Rec #: 1, Pos: 3063 |
| 1           | F3DEBTEMP2011 | Debt/income ratio: current debt to 2011 employment income                        | F3 Weights and Composites | Rec #: 1, Pos: 3071 |
| 1           | F3DEBTALL2011 | Debt/income ratio: current debt to 2011 income from all sources                  | F3 Weights and Composites | Rec #: 1, Pos: 3080 |
| 1           | F3STLOANEVR   | Whether R took out any student/PSE loans                                         | F3 Weights and Composites | Rec #: 1, Pos: 3089 |
| 1           | F3STLOANAMT   | Total amount borrowed in student loans                                           | F3 Weights and Composites | Rec #: 1, Pos: 3091 |
| 1           | F3STLOANPAY   | Amount currently paid monthly toward student loan balance                        | F3 Weights and Composites | Rec #: 1, Pos: 3098 |
| 1           | F3JOBSUPP     | Social-cognitive career theory: work support index/scale score                   | F3 Weights and Composites | Rec #: 1, Pos: 3104 |
| 1           | F3JOBSATIS    | Social-cognitive career theory: job satisfaction index/scale score               | F3 Weights and Composites | Rec #: 1, Pos: 3111 |
| 1           | F3JOBPERSIST  | Social-cognitive career theory: index/scale score for job persistence intentions | F3 Weights and Composites | Rec #: 1, Pos: 3118 |
| 1           | F3ONET2AGE30  | 2-digit ONET code for expected age-30 occupation                                 | F3 Weights and Composites | Rec #: 1, Pos: 3125 |
| 1           | F3ONET6AGE30  | 6-digit ONET code for expected age-30 occupation                                 | F3 Weights and Composites | Rec #: 1, Pos: 3127 |
| 1           | F3SEIAGE30    | SEI-based code for expected age-30 occupation                                    | F3 Weights and Composites | Rec #: 1, Pos: 3133 |
| 1           | F3OCC30BYVF3  | Change/stability in occupational expectations: BY v. F3                          | F3 Weights and Composites | Rec #: 1, Pos: 3135 |
| 1           | F3OCC30F1VF3  | Change/stability in occupational expectations: F1 v. F3                          | F3 Weights and Composites | Rec #: 1, Pos: 3137 |
| 1           | F3OCC30BYVF1  | Change/stability in occupational expectations: BY v. F1                          | F3 Weights and Composites | Rec #: 1, Pos: 3139 |
| 1           | F3CURRV30     | Current/most recent job v. expected age-30 occupation                            | F3 Weights and Composites | Rec #: 1, Pos: 3141 |
| 1           | F3SES         | Sample member's socioeconomic status as of F3                                    | F3 Weights and Composites | Rec #: 1, Pos: 3143 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name      | Variable label                                                       | Section Description       | Position            |
|-------------|--------------------|----------------------------------------------------------------------|---------------------------|---------------------|
| 1           | F3SESQU            | Quartile coding of the sample member's socioeconomic status as of F3 | F3 Weights and Composites | Rec #: 1, Pos: 3148 |
| 1           | F3LIVARR           | Current living arrangements                                          | F3 Weights and Composites | Rec #: 1, Pos: 3150 |
| 1           | F3MARRSTAT<br>US   | Marital status as of F3                                              | F3 Weights and Composites | Rec #: 1, Pos: 3152 |
| 1           | F3MARRAGE          | Age at which R first married                                         | F3 Weights and Composites | Rec #: 1, Pos: 3154 |
| 1           | F3NUMCHILD         | Number of biological/adopted children as of F3                       | F3 Weights and Composites | Rec #: 1, Pos: 3156 |
| 1           | F3PARAGE           | Age at which R first had a child                                     | F3 Weights and Composites | Rec #: 1, Pos: 3158 |
| 1           | F3SINGLEPAR        | Single parent indicator                                              | F3 Weights and Composites | Rec #: 1, Pos: 3160 |
| 1           | F3HHNUM            | Household size (including respondent)                                | F3 Weights and Composites | Rec #: 1, Pos: 3162 |
| 1           | F3NUMDPNDN<br>T    | Total number of dependents                                           | F3 Weights and Composites | Rec #: 1, Pos: 3164 |
| 1           | F3VOTEBEH          | Summary of recent voting behavior                                    | F3 Weights and Composites | Rec #: 1, Pos: 3166 |
| 1           | F3MOBILITYBY<br>F3 | Residential mobility: BY v. F3                                       | F3 Weights and Composites | Rec #: 1, Pos: 3168 |
| 1           | F3MOBILITYF1<br>F3 | Residential mobility: F1 v. F3                                       | F3 Weights and Composites | Rec #: 1, Pos: 3174 |
| 1           | F3MOBILITYF2<br>F3 | Residential mobility: F2 v. F3                                       | F3 Weights and Composites | Rec #: 1, Pos: 3180 |
| 1           | F3MOBILITYF1<br>F2 | Residential mobility: F1 v. F2                                       | F3 Weights and Composites | Rec #: 1, Pos: 3186 |
| 1           | F3REGION           | Region of F3 residence                                               | F3 Weights and Composites | Rec #: 1, Pos: 3192 |
| 1           | F3RESZIP           | ZIP code for F3 residence                                            | F3 Weights and Composites | Rec #: 1, Pos: 3194 |
| 1           | F3EVRATTIM         | Imputation flag - F3EVRATT (F3A11)                                   | F3 Weights and Composites | Rec #: 1, Pos: 3199 |
| 1           | F3EDSTATIM         | Imputation flag - F3EDSTAT                                           | F3 Weights and Composites | Rec #: 1, Pos: 3201 |
| 1           | F3ATTAINMEN<br>TIM | Imputation flag - F3ATTAINMENT                                       | F3 Weights and Composites | Rec #: 1, Pos: 3203 |
| 1           | F3STEXPIM          | Imputation flag - F3STEXP (F3A17)                                    | F3 Weights and Composites | Rec #: 1, Pos: 3205 |
| 1           | F3EVRJOBIM         | Imputation flag - F3EVRJOB (F3B09)                                   | F3 Weights and Composites | Rec #: 1, Pos: 3207 |
| 1           | F3EMPSTATIM        | Imputation flag - F3EMPSTAT                                          | F3 Weights and Composites | Rec #: 1, Pos: 3209 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name  | Variable label                                                    | Section Description                           | Position            |
|-------------|----------------|-------------------------------------------------------------------|-----------------------------------------------|---------------------|
| 1           | F3ERN2011IM    | Imputation flag - F3ERN2011 (F3D20)                               | F3 Weights and Composites                     | Rec #: 1, Pos: 3211 |
| 1           | F3SPERN2011IM  | Imputation flag - F3SPERN2011 (F3D22)                             | F3 Weights and Composites                     | Rec #: 1, Pos: 3213 |
| 1           | F3STLOANEVRIM  | Imputation flag - F3STLOANEVR (F3A18)                             | F3 Weights and Composites                     | Rec #: 1, Pos: 3215 |
| 1           | F3STLOANAMTIM  | Imputation flag - F3STLOANAMT (F3A19)                             | F3 Weights and Composites                     | Rec #: 1, Pos: 3217 |
| 1           | F3STLOANPAYIM  | Imputation flag - F3STLOANPAY (F3A21)                             | F3 Weights and Composites                     | Rec #: 1, Pos: 3219 |
| 1           | F3ONET6AGE3OIM | Imputation flag - F3ONET6AGE30                                    | F3 Weights and Composites                     | Rec #: 1, Pos: 3221 |
| 1           | F3HS2BAIM      | Imputation flag - F3HS2BA                                         | F3 Weights and Composites                     | Rec #: 1, Pos: 3223 |
| 1           | F3PS2BAIM      | Imputation flag - F3PS2BA                                         | F3 Weights and Composites                     | Rec #: 1, Pos: 3225 |
| 1           | F3NSLDSSTAT    | NSLDS loan/Pell grant data availability status - (as of F3)       | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3227 |
| 1           | F3CPS10STAT    | CPS/FAFSA match attempt indicator - academic year 2009-10         | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3229 |
| 1           | F3CPS11STAT    | CPS/FAFSA match attempt indicator - academic year 2010-11         | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3231 |
| 1           | F3CPS12STAT    | CPS/FAFSA match attempt indicator - academic year 2011-12         | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3233 |
| 1           | F3CPS13STAT    | CPS/FAFSA match attempt indicator - academic year 2012-13         | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3235 |
| 1           | F3CPS14STAT    | CPS/FAFSA match attempt indicator - academic year 2013-14         | External Source Student Data (as of F3)       | Rec #: 1, Pos: 3237 |
| 1           | F3PELLCUM      | Cumulative Pell - (as of F3)                                      | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3239 |
| 1           | F3PELLYRS      | Pell: number of years received - (as of F3)                       | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3245 |
| 1           | F3PLUSCUM      | Cumulative PLUS - (as of F3)                                      | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3247 |
| 1           | F3GPLUSCUM     | Cumulative Graduate PLUS amount                                   | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3253 |
| 1           | F3SUBCUM3      | Cumulative subsidized Stafford and Perkins for undergrad and grad | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3259 |
| 1           | F3STFCUM3      | Cumulative Stafford for undergrad and grad                        | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3265 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                                       | Section Description                           | Position            |
|-------------|---------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------|
| 1           | F3FEDCUM3     | Cumulative federal loan amount for undergrad and grad                                                | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3271 |
| 1           | F3FEDDUE3     | Cumulative federal loan amount owed, principal and interest, for undergraduate or graduate education | External Source Financial Aid Data (as of F3) | Rec #: 1, Pos: 3277 |
| 1           | BYS14         | Sex of student                                                                                       | BY Student Questionnaire                      | Rec #: 1, Pos: 3283 |
| 1           | BYS15         | Student is Hispanic                                                                                  | BY Student Questionnaire                      | Rec #: 1, Pos: 3285 |
| 1           | BYS16         | Student's Hispanic subgroup (restricted)                                                             | BY Student Questionnaire                      | Rec #: 1, Pos: 3287 |
| 1           | BYS17A        | Student is White (restricted)                                                                        | BY Student Questionnaire                      | Rec #: 1, Pos: 3289 |
| 1           | BYS17B        | Student is Black/African American (restricted)                                                       | BY Student Questionnaire                      | Rec #: 1, Pos: 3291 |
| 1           | BYS17C        | Student is Asian (restricted)                                                                        | BY Student Questionnaire                      | Rec #: 1, Pos: 3293 |
| 1           | BYS17D        | Student is Native Hawaiian/Pacific Islander (restricted)                                             | BY Student Questionnaire                      | Rec #: 1, Pos: 3295 |
| 1           | BYS17E        | Student is American Indian/Alaska Native (restricted)                                                | BY Student Questionnaire                      | Rec #: 1, Pos: 3297 |
| 1           | BYS18         | Student's Asian subgroup (restricted)                                                                | BY Student Questionnaire                      | Rec #: 1, Pos: 3299 |
| 1           | BYS20A        | Students get along well with teachers                                                                | BY Student Questionnaire                      | Rec #: 1, Pos: 3301 |
| 1           | BYS20B        | There is real school spirit                                                                          | BY Student Questionnaire                      | Rec #: 1, Pos: 3303 |
| 1           | BYS20C        | Students friendly with other racial groups                                                           | BY Student Questionnaire                      | Rec #: 1, Pos: 3305 |
| 1           | BYS20D        | Other students often disrupt class                                                                   | BY Student Questionnaire                      | Rec #: 1, Pos: 3307 |
| 1           | BYS20E        | The teaching is good                                                                                 | BY Student Questionnaire                      | Rec #: 1, Pos: 3309 |
| 1           | BYS20F        | Teachers are interested in students                                                                  | BY Student Questionnaire                      | Rec #: 1, Pos: 3311 |
| 1           | BYS20G        | Teachers praise effort                                                                               | BY Student Questionnaire                      | Rec #: 1, Pos: 3313 |
| 1           | BYS20H        | In class often feels put down by teachers                                                            | BY Student Questionnaire                      | Rec #: 1, Pos: 3315 |
| 1           | BYS20I        | In class often feels put down by students                                                            | BY Student Questionnaire                      | Rec #: 1, Pos: 3317 |
| 1           | BYS20J        | Does not feel safe at this school                                                                    | BY Student Questionnaire                      | Rec #: 1, Pos: 3319 |
| 1           | BYS20K        | Disruptions get in way of learning                                                                   | BY Student Questionnaire                      | Rec #: 1, Pos: 3321 |
| 1           | BYS20L        | Misbehaving students often get away with it                                                          | BY Student Questionnaire                      | Rec #: 1, Pos: 3323 |
| 1           | BYS20M        | There are gangs in school                                                                            | BY Student Questionnaire                      | Rec #: 1, Pos: 3325 |
| 1           | BYS20N        | Racial/ethnic groups often fight                                                                     | BY Student Questionnaire                      | Rec #: 1, Pos: 3327 |
| 1           | BYS21A        | Everyone knows what school rules are                                                                 | BY Student Questionnaire                      | Rec #: 1, Pos: 3329 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description      | Position            |
|-------------|---------------|-----------------------------------------------------|--------------------------|---------------------|
| 1           | BYS21B        | School rules are fair                               | BY Student Questionnaire | Rec #: 1, Pos: 3331 |
| 1           | BYS21C        | Punishment same no matter who you are               | BY Student Questionnaire | Rec #: 1, Pos: 3333 |
| 1           | BYS21D        | School rules are strictly enforced                  | BY Student Questionnaire | Rec #: 1, Pos: 3335 |
| 1           | BYS21E        | Students know punishment for broken rules           | BY Student Questionnaire | Rec #: 1, Pos: 3337 |
| 1           | BYS22A        | Had something stolen at school                      | BY Student Questionnaire | Rec #: 1, Pos: 3339 |
| 1           | BYS22B        | Someone offered drugs at school                     | BY Student Questionnaire | Rec #: 1, Pos: 3341 |
| 1           | BYS22C        | Someone threatened to hurt 10th grader at school    | BY Student Questionnaire | Rec #: 1, Pos: 3343 |
| 1           | BYS22D        | Got into a physical fight at school                 | BY Student Questionnaire | Rec #: 1, Pos: 3345 |
| 1           | BYS22E        | Someone hit 10th grader                             | BY Student Questionnaire | Rec #: 1, Pos: 3347 |
| 1           | BYS22F        | Someone forced money/things from 10th grader        | BY Student Questionnaire | Rec #: 1, Pos: 3349 |
| 1           | BYS22G        | Someone damaged belongings                          | BY Student Questionnaire | Rec #: 1, Pos: 3351 |
| 1           | BYS22H        | Someone bullied or picked on 10th grader            | BY Student Questionnaire | Rec #: 1, Pos: 3353 |
| 1           | BYS23A        | Won an academic honor                               | BY Student Questionnaire | Rec #: 1, Pos: 3355 |
| 1           | BYS23B        | Recognized for good attendance                      | BY Student Questionnaire | Rec #: 1, Pos: 3357 |
| 1           | BYS23C        | Recognized for good grades                          | BY Student Questionnaire | Rec #: 1, Pos: 3359 |
| 1           | BYS23D        | Received community service award                    | BY Student Questionnaire | Rec #: 1, Pos: 3361 |
| 1           | BYS23E        | Participated in science/math fair                   | BY Student Questionnaire | Rec #: 1, Pos: 3363 |
| 1           | BYS23F        | Participated in voc/tech skills competition         | BY Student Questionnaire | Rec #: 1, Pos: 3365 |
| 1           | BYS24A        | How many times late for school                      | BY Student Questionnaire | Rec #: 1, Pos: 3367 |
| 1           | BYS24B        | How many times cut/skip classes                     | BY Student Questionnaire | Rec #: 1, Pos: 3369 |
| 1           | BYS24C        | How many times absent from school                   | BY Student Questionnaire | Rec #: 1, Pos: 3371 |
| 1           | BYS24D        | How many times got in trouble                       | BY Student Questionnaire | Rec #: 1, Pos: 3373 |
| 1           | BYS24E        | How many times put on in-school suspension          | BY Student Questionnaire | Rec #: 1, Pos: 3375 |
| 1           | BYS24F        | How many times suspended/put on probation           | BY Student Questionnaire | Rec #: 1, Pos: 3377 |
| 1           | BYS24G        | How many times transferred for disciplinary reasons | BY Student Questionnaire | Rec #: 1, Pos: 3379 |
| 1           | BYS25AA       | 1st friend's sex                                    | BY Student Questionnaire | Rec #: 1, Pos: 3381 |
| 1           | BYS25BA       | 1st friend is Hispanic                              | BY Student Questionnaire | Rec #: 1, Pos: 3383 |
| 1           | BYS25CAA      | 1st friend is White (restricted)                    | BY Student Questionnaire | Rec #: 1, Pos: 3385 |
| 1           | BYS25CAB      | 1st friend is Black/African American (restricted)   | BY Student Questionnaire | Rec #: 1, Pos: 3387 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS25CAC      | 1st friend is Asian (restricted)                            | BY Student Questionnaire | Rec #: 1, Pos: 3389 |
| 1           | BYS25CAD      | 1st friend is Native Hawaiian/Pacific Islander (restricted) | BY Student Questionnaire | Rec #: 1, Pos: 3391 |
| 1           | BYS25CAE      | 1st friend is American Indian/Alaska Native (restricted)    | BY Student Questionnaire | Rec #: 1, Pos: 3393 |
| 1           | BYS25DA       | 1st friend's grade level at school                          | BY Student Questionnaire | Rec #: 1, Pos: 3395 |
| 1           | BYS25EA       | Importance of grades to 1st friend                          | BY Student Questionnaire | Rec #: 1, Pos: 3397 |
| 1           | BYS25FA       | 10th grader knows 1st friend's parents                      | BY Student Questionnaire | Rec #: 1, Pos: 3399 |
| 1           | BYS25GA       | Parents know 1st friend's parents                           | BY Student Questionnaire | Rec #: 1, Pos: 3401 |
| 1           | BYS25AB       | 2nd friend's sex                                            | BY Student Questionnaire | Rec #: 1, Pos: 3403 |
| 1           | BYS25BB       | 2nd friend is Hispanic                                      | BY Student Questionnaire | Rec #: 1, Pos: 3405 |
| 1           | BYS25CBA      | 2nd friend is White (restricted)                            | BY Student Questionnaire | Rec #: 1, Pos: 3407 |
| 1           | BYS25CBB      | 2nd friend is Black/African American (restricted)           | BY Student Questionnaire | Rec #: 1, Pos: 3409 |
| 1           | BYS25CBC      | 2nd friend is Asian (restricted)                            | BY Student Questionnaire | Rec #: 1, Pos: 3411 |
| 1           | BYS25CBD      | 2nd friend is Native Hawaiian/Pacific Islander (restricted) | BY Student Questionnaire | Rec #: 1, Pos: 3413 |
| 1           | BYS25CBE      | 2nd friend is American Indian/Alaska Native (restricted)    | BY Student Questionnaire | Rec #: 1, Pos: 3415 |
| 1           | BYS25DB       | 2nd friend's grade level at school                          | BY Student Questionnaire | Rec #: 1, Pos: 3417 |
| 1           | BYS25EB       | Importance of grades to 2nd friend                          | BY Student Questionnaire | Rec #: 1, Pos: 3419 |
| 1           | BYS25FB       | 10th grader knows 2nd friend's parents                      | BY Student Questionnaire | Rec #: 1, Pos: 3421 |
| 1           | BYS25GB       | Parents know 2nd friend's parents                           | BY Student Questionnaire | Rec #: 1, Pos: 3423 |
| 1           | BYS25AC       | 3rd friend's sex                                            | BY Student Questionnaire | Rec #: 1, Pos: 3425 |
| 1           | BYS25BC       | 3rd friend is Hispanic                                      | BY Student Questionnaire | Rec #: 1, Pos: 3427 |
| 1           | BYS25CCA      | 3rd friend is White (restricted)                            | BY Student Questionnaire | Rec #: 1, Pos: 3429 |
| 1           | BYS25CCB      | 3rd friend is Black/African American (restricted)           | BY Student Questionnaire | Rec #: 1, Pos: 3431 |
| 1           | BYS25CCC      | 3rd friend is Asian (restricted)                            | BY Student Questionnaire | Rec #: 1, Pos: 3433 |
| 1           | BYS25CCD      | 3rd friend is Native Hawaiian/Pacific Islander (restricted) | BY Student Questionnaire | Rec #: 1, Pos: 3435 |
| 1           | BYS25CCE      | 3rd friend is American Indian/Alaska Native (restricted)    | BY Student Questionnaire | Rec #: 1, Pos: 3437 |
| 1           | BYS25DC       | 3rd friend's grade level at school                          | BY Student Questionnaire | Rec #: 1, Pos: 3439 |
| 1           | BYS25EC       | Importance of grades to 3rd friend                          | BY Student Questionnaire | Rec #: 1, Pos: 3441 |
| 1           | BYS25FC       | 10th grader knows 3rd friend's parents                      | BY Student Questionnaire | Rec #: 1, Pos: 3443 |
| 1           | BYS25GC       | Parents know 3rd friend's parents                           | BY Student Questionnaire | Rec #: 1, Pos: 3445 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS26         | High school program-student self-report                     | BY Student Questionnaire | Rec #: 1, Pos: 3447 |
| 1           | BYS27A        | Classes are interesting and challenging                     | BY Student Questionnaire | Rec #: 1, Pos: 3449 |
| 1           | BYS27B        | Satisfied by doing what expected in class                   | BY Student Questionnaire | Rec #: 1, Pos: 3451 |
| 1           | BYS27C        | Has nothing better to do than school                        | BY Student Questionnaire | Rec #: 1, Pos: 3453 |
| 1           | BYS27D        | Education is important to get a job later                   | BY Student Questionnaire | Rec #: 1, Pos: 3455 |
| 1           | BYS27E        | School is a place to meet friends                           | BY Student Questionnaire | Rec #: 1, Pos: 3457 |
| 1           | BYS27F        | Plays on a team or belongs to a club                        | BY Student Questionnaire | Rec #: 1, Pos: 3459 |
| 1           | BYS27G        | Learns skills for job in school                             | BY Student Questionnaire | Rec #: 1, Pos: 3461 |
| 1           | BYS27H        | Teachers expect success in school                           | BY Student Questionnaire | Rec #: 1, Pos: 3463 |
| 1           | BYS27I        | Parents expect success in school                            | BY Student Questionnaire | Rec #: 1, Pos: 3465 |
| 1           | BYS28         | How much likes school                                       | BY Student Questionnaire | Rec #: 1, Pos: 3467 |
| 1           | BYS29A        | How often reviews work in math class                        | BY Student Questionnaire | Rec #: 1, Pos: 3469 |
| 1           | BYS29B        | How often listens to math teacher lecture                   | BY Student Questionnaire | Rec #: 1, Pos: 3471 |
| 1           | BYS29C        | How often copies math teacher's notes from board            | BY Student Questionnaire | Rec #: 1, Pos: 3473 |
| 1           | BYS29D        | How often uses books besides math textbooks                 | BY Student Questionnaire | Rec #: 1, Pos: 3475 |
| 1           | BYS29E        | How often does problem-solving in math class                | BY Student Questionnaire | Rec #: 1, Pos: 3477 |
| 1           | BYS29F        | How often uses calculators in math class                    | BY Student Questionnaire | Rec #: 1, Pos: 3479 |
| 1           | BYS29G        | How often uses graphing calculators in math class           | BY Student Questionnaire | Rec #: 1, Pos: 3481 |
| 1           | BYS29H        | How often uses computers in math class                      | BY Student Questionnaire | Rec #: 1, Pos: 3483 |
| 1           | BYS29I        | How often explains work to math class orally                | BY Student Questionnaire | Rec #: 1, Pos: 3485 |
| 1           | BYS29J        | How often participates in student math discussions          | BY Student Questionnaire | Rec #: 1, Pos: 3487 |
| 1           | BYS30         | Uses computers in math class                                | BY Student Questionnaire | Rec #: 1, Pos: 3489 |
| 1           | BYS31A        | How often uses computers to review math work                | BY Student Questionnaire | Rec #: 1, Pos: 3491 |
| 1           | BYS31B        | How often uses computers to solve math problems             | BY Student Questionnaire | Rec #: 1, Pos: 3493 |
| 1           | BYS31C        | How often uses computers for graphing in math class         | BY Student Questionnaire | Rec #: 1, Pos: 3495 |
| 1           | BYS31D        | How often uses computers to practice math drills            | BY Student Questionnaire | Rec #: 1, Pos: 3497 |
| 1           | BYS31E        | How often uses computers to analyze data in math class      | BY Student Questionnaire | Rec #: 1, Pos: 3499 |
| 1           | BYS31F        | How often uses computers to apply learning in math class    | BY Student Questionnaire | Rec #: 1, Pos: 3501 |
| 1           | BYS31G        | How often math teacher uses computer to instruct one-on-one | BY Student Questionnaire | Rec #: 1, Pos: 3503 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS31H        | How often math teacher uses computer to show new topics | BY Student Questionnaire | Rec #: 1, Pos: 3505 |
| 1           | BYS32AA       | Used computer in 9th grade fall English                 | BY Student Questionnaire | Rec #: 1, Pos: 3507 |
| 1           | BYS32BA       | Used computer in 9th grade spring English               | BY Student Questionnaire | Rec #: 1, Pos: 3509 |
| 1           | BYS32CA       | Used computer in 9th grade fall science                 | BY Student Questionnaire | Rec #: 1, Pos: 3511 |
| 1           | BYS32DA       | Used computer in 9th grade spring science               | BY Student Questionnaire | Rec #: 1, Pos: 3513 |
| 1           | BYS32EA       | Used computer in 9th grade fall math                    | BY Student Questionnaire | Rec #: 1, Pos: 3515 |
| 1           | BYS32FA       | Used computer in 9th grade spring math                  | BY Student Questionnaire | Rec #: 1, Pos: 3517 |
| 1           | BYS32GA       | Used computer in 9th grade fall social studies          | BY Student Questionnaire | Rec #: 1, Pos: 3519 |
| 1           | BYS32HA       | Used computer in 9th grade spring social studies        | BY Student Questionnaire | Rec #: 1, Pos: 3521 |
| 1           | BYS32AB       | Uses computer in 10th grade fall English                | BY Student Questionnaire | Rec #: 1, Pos: 3523 |
| 1           | BYS32BB       | Uses computer in 10th grade spring English              | BY Student Questionnaire | Rec #: 1, Pos: 3525 |
| 1           | BYS32CB       | Used computer in 10th grade fall science                | BY Student Questionnaire | Rec #: 1, Pos: 3527 |
| 1           | BYS32DB       | Uses computer in 10th grade spring science              | BY Student Questionnaire | Rec #: 1, Pos: 3529 |
| 1           | BYS32EB       | Used computer in 10th grade fall math                   | BY Student Questionnaire | Rec #: 1, Pos: 3531 |
| 1           | BYS32FB       | Uses computer in 10th grade spring math                 | BY Student Questionnaire | Rec #: 1, Pos: 3533 |
| 1           | BYS32GB       | Used computer in 10th grade fall social studies         | BY Student Questionnaire | Rec #: 1, Pos: 3535 |
| 1           | BYS32HB       | Uses computer in 10th grade spring social studies       | BY Student Questionnaire | Rec #: 1, Pos: 3537 |
| 1           | BYS33A        | Ever in Advanced Placement program                      | BY Student Questionnaire | Rec #: 1, Pos: 3539 |
| 1           | BYS33B        | Ever in International Baccalaureate program             | BY Student Questionnaire | Rec #: 1, Pos: 3541 |
| 1           | BYS33C        | Ever in part-time program at regional vocational school | BY Student Questionnaire | Rec #: 1, Pos: 3543 |
| 1           | BYS33D        | Ever in a remedial English class                        | BY Student Questionnaire | Rec #: 1, Pos: 3545 |
| 1           | BYS33E        | Ever in a remedial math class                           | BY Student Questionnaire | Rec #: 1, Pos: 3547 |
| 1           | BYS33F        | Ever in bilingual/bicultural class                      | BY Student Questionnaire | Rec #: 1, Pos: 3549 |
| 1           | BYS33G        | Ever in English as Second Language program              | BY Student Questionnaire | Rec #: 1, Pos: 3551 |
| 1           | BYS33H        | Ever in dropout prevention program                      | BY Student Questionnaire | Rec #: 1, Pos: 3553 |
| 1           | BYS33I        | Ever in special education program                       | BY Student Questionnaire | Rec #: 1, Pos: 3555 |
| 1           | BYS33J        | Ever in distance learning course                        | BY Student Questionnaire | Rec #: 1, Pos: 3557 |
| 1           | BYS33K        | Ever in career academy                                  | BY Student Questionnaire | Rec #: 1, Pos: 3559 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------|--------------------------|---------------------|
| 1           | BYS33L        | Ever in program to help prepare for college        | BY Student Questionnaire | Rec #: 1, Pos: 3561 |
| 1           | BYS34A        | Hours/week spent on homework in school             | BY Student Questionnaire | Rec #: 1, Pos: 3563 |
| 1           | BYS34B        | Hours/week spent on homework out of school         | BY Student Questionnaire | Rec #: 1, Pos: 3565 |
| 1           | BYS35A        | Hours/week spent on math homework in school        | BY Student Questionnaire | Rec #: 1, Pos: 3567 |
| 1           | BYS35B        | Hours/week spent on math homework out of school    | BY Student Questionnaire | Rec #: 1, Pos: 3569 |
| 1           | BYS36A        | Hours/week spent on English homework in school     | BY Student Questionnaire | Rec #: 1, Pos: 3571 |
| 1           | BYS36B        | Hours/week spent on English homework out of school | BY Student Questionnaire | Rec #: 1, Pos: 3573 |
| 1           | BYS37         | Importance of good grades to student               | BY Student Questionnaire | Rec #: 1, Pos: 3575 |
| 1           | BYS38A        | How often goes to class without pencil/paper       | BY Student Questionnaire | Rec #: 1, Pos: 3577 |
| 1           | BYS38B        | How often goes to class without books              | BY Student Questionnaire | Rec #: 1, Pos: 3579 |
| 1           | BYS38C        | How often goes to class without homework done      | BY Student Questionnaire | Rec #: 1, Pos: 3581 |
| 1           | BYS39A        | Played intramural baseball                         | BY Student Questionnaire | Rec #: 1, Pos: 3583 |
| 1           | BYS39B        | Played intramural softball                         | BY Student Questionnaire | Rec #: 1, Pos: 3585 |
| 1           | BYS39C        | Played intramural basketball                       | BY Student Questionnaire | Rec #: 1, Pos: 3587 |
| 1           | BYS39D        | Played intramural football                         | BY Student Questionnaire | Rec #: 1, Pos: 3589 |
| 1           | BYS39E        | Played intramural soccer                           | BY Student Questionnaire | Rec #: 1, Pos: 3591 |
| 1           | BYS39F        | Played other intramural team sport                 | BY Student Questionnaire | Rec #: 1, Pos: 3593 |
| 1           | BYS39G        | Played an individual intramural sport              | BY Student Questionnaire | Rec #: 1, Pos: 3595 |
| 1           | BYS39H        | On intramural cheerleading/drill team              | BY Student Questionnaire | Rec #: 1, Pos: 3597 |
| 1           | BYS40AA       | No interscholastic baseball                        | BY Student Questionnaire | Rec #: 1, Pos: 3599 |
| 1           | BYS40AB       | Did not participate in interscholastic baseball    | BY Student Questionnaire | Rec #: 1, Pos: 3601 |
| 1           | BYS40AC       | Played junior varsity baseball                     | BY Student Questionnaire | Rec #: 1, Pos: 3603 |
| 1           | BYS40AD       | Played varsity baseball                            | BY Student Questionnaire | Rec #: 1, Pos: 3605 |
| 1           | BYS40AE       | Varsity baseball captain/co-captain                | BY Student Questionnaire | Rec #: 1, Pos: 3607 |
| 1           | BYS40BA       | No interscholastic softball                        | BY Student Questionnaire | Rec #: 1, Pos: 3609 |
| 1           | BYS40BB       | Did not participate in interscholastic softball    | BY Student Questionnaire | Rec #: 1, Pos: 3611 |
| 1           | BYS40BC       | Played junior varsity softball                     | BY Student Questionnaire | Rec #: 1, Pos: 3613 |
| 1           | BYS40BD       | Played varsity softball                            | BY Student Questionnaire | Rec #: 1, Pos: 3615 |
| 1           | BYS40BE       | Varsity softball captain/co-captain                | BY Student Questionnaire | Rec #: 1, Pos: 3617 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS40CA       | No interscholastic basketball                                  | BY Student Questionnaire | Rec #: 1, Pos: 3619 |
| 1           | BYS40CB       | Did not participate in interscholastic basketball              | BY Student Questionnaire | Rec #: 1, Pos: 3621 |
| 1           | BYS40CC       | Played junior varsity basketball                               | BY Student Questionnaire | Rec #: 1, Pos: 3623 |
| 1           | BYS40CD       | Played varsity basketball                                      | BY Student Questionnaire | Rec #: 1, Pos: 3625 |
| 1           | BYS40CE       | Varsity basketball captain/co-captain                          | BY Student Questionnaire | Rec #: 1, Pos: 3627 |
| 1           | BYS40DA       | No interscholastic football                                    | BY Student Questionnaire | Rec #: 1, Pos: 3629 |
| 1           | BYS40DB       | Did not participate in interscholastic football                | BY Student Questionnaire | Rec #: 1, Pos: 3631 |
| 1           | BYS40DC       | Played junior varsity football                                 | BY Student Questionnaire | Rec #: 1, Pos: 3633 |
| 1           | BYS40DD       | Played varsity football                                        | BY Student Questionnaire | Rec #: 1, Pos: 3635 |
| 1           | BYS40DE       | Varsity football captain/co-captain                            | BY Student Questionnaire | Rec #: 1, Pos: 3637 |
| 1           | BYS40EA       | No interscholastic soccer                                      | BY Student Questionnaire | Rec #: 1, Pos: 3639 |
| 1           | BYS40EB       | Did not participate in interscholastic soccer                  | BY Student Questionnaire | Rec #: 1, Pos: 3641 |
| 1           | BYS40EC       | Played junior varsity soccer                                   | BY Student Questionnaire | Rec #: 1, Pos: 3643 |
| 1           | BYS40ED       | Played varsity soccer                                          | BY Student Questionnaire | Rec #: 1, Pos: 3645 |
| 1           | BYS40EE       | Varsity soccer captain/co-captain                              | BY Student Questionnaire | Rec #: 1, Pos: 3647 |
| 1           | BYS40FA       | No other interscholastic team sport                            | BY Student Questionnaire | Rec #: 1, Pos: 3649 |
| 1           | BYS40FB       | Did not participate in other interscholastic team sport        | BY Student Questionnaire | Rec #: 1, Pos: 3651 |
| 1           | BYS40FC       | Played on other junior varsity team                            | BY Student Questionnaire | Rec #: 1, Pos: 3653 |
| 1           | BYS40FD       | Played on other varsity team                                   | BY Student Questionnaire | Rec #: 1, Pos: 3655 |
| 1           | BYS40FE       | Varsity captain/co-captain for other team sport                | BY Student Questionnaire | Rec #: 1, Pos: 3657 |
| 1           | BYS40GA       | No interscholastic individual sport                            | BY Student Questionnaire | Rec #: 1, Pos: 3659 |
| 1           | BYS40GB       | Did not participate in interscholastic individual sport        | BY Student Questionnaire | Rec #: 1, Pos: 3661 |
| 1           | BYS40GC       | Played junior varsity individual sport                         | BY Student Questionnaire | Rec #: 1, Pos: 3663 |
| 1           | BYS40GD       | Played varsity individual sport                                | BY Student Questionnaire | Rec #: 1, Pos: 3665 |
| 1           | BYS40GE       | Varsity captain/co-captain for individual sport                | BY Student Questionnaire | Rec #: 1, Pos: 3667 |
| 1           | BYS40HA       | No interscholastic cheerleading/drill team                     | BY Student Questionnaire | Rec #: 1, Pos: 3669 |
| 1           | BYS40HB       | Did not participate on interscholastic cheerleading/drill team | BY Student Questionnaire | Rec #: 1, Pos: 3671 |
| 1           | BYS40HC       | Participated on junior varsity cheerleading/drill team         | BY Student Questionnaire | Rec #: 1, Pos: 3673 |
| 1           | BYS40HD       | Participated on varsity cheerleading/drill team                | BY Student Questionnaire | Rec #: 1, Pos: 3675 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------|--------------------------|---------------------|
| 1           | BYS40HE       | Varsity cheerleading/drill team captain/co-captain | BY Student Questionnaire | Rec #: 1, Pos: 3677 |
| 1           | BYS41A        | Participated in school band or chorus              | BY Student Questionnaire | Rec #: 1, Pos: 3679 |
| 1           | BYS41B        | Participated in school play or musical             | BY Student Questionnaire | Rec #: 1, Pos: 3681 |
| 1           | BYS41C        | Participated in student government                 | BY Student Questionnaire | Rec #: 1, Pos: 3683 |
| 1           | BYS41D        | Participated in academic honor society             | BY Student Questionnaire | Rec #: 1, Pos: 3685 |
| 1           | BYS41E        | Participated in school yearbook or newspaper       | BY Student Questionnaire | Rec #: 1, Pos: 3687 |
| 1           | BYS41F        | Participated in school service clubs               | BY Student Questionnaire | Rec #: 1, Pos: 3689 |
| 1           | BYS41G        | Participated in school academic clubs              | BY Student Questionnaire | Rec #: 1, Pos: 3691 |
| 1           | BYS41H        | Participated in school hobby clubs                 | BY Student Questionnaire | Rec #: 1, Pos: 3693 |
| 1           | BYS41I        | Participated in school vocational clubs            | BY Student Questionnaire | Rec #: 1, Pos: 3695 |
| 1           | BYS42         | Hours/week spent on extracurricular activities     | BY Student Questionnaire | Rec #: 1, Pos: 3697 |
| 1           | BYS43         | Hours/week spent reading outside of school         | BY Student Questionnaire | Rec #: 1, Pos: 3699 |
| 1           | BYS44A        | How often visits with friends at local hangout     | BY Student Questionnaire | Rec #: 1, Pos: 3701 |
| 1           | BYS44B        | How often works on hobbies                         | BY Student Questionnaire | Rec #: 1, Pos: 3703 |
| 1           | BYS44C        | How often volunteers or performs community service | BY Student Questionnaire | Rec #: 1, Pos: 3705 |
| 1           | BYS44D        | How often drives or rides around                   | BY Student Questionnaire | Rec #: 1, Pos: 3707 |
| 1           | BYS44E        | How often talks on phone with friends              | BY Student Questionnaire | Rec #: 1, Pos: 3709 |
| 1           | BYS44F        | How often takes music, art, language class         | BY Student Questionnaire | Rec #: 1, Pos: 3711 |
| 1           | BYS44G        | How often takes sports lessons                     | BY Student Questionnaire | Rec #: 1, Pos: 3713 |
| 1           | BYS44H        | How often plays non-school sports                  | BY Student Questionnaire | Rec #: 1, Pos: 3715 |
| 1           | BYS45A        | How often uses computer for fun                    | BY Student Questionnaire | Rec #: 1, Pos: 3717 |
| 1           | BYS45B        | How often uses computer for school work            | BY Student Questionnaire | Rec #: 1, Pos: 3719 |
| 1           | BYS45C        | How often uses computer to learn on own            | BY Student Questionnaire | Rec #: 1, Pos: 3721 |
| 1           | BYS46A        | Hours/day on computer for school work              | BY Student Questionnaire | Rec #: 1, Pos: 3723 |
| 1           | BYS46B        | Hours/day on computer other than for school        | BY Student Questionnaire | Rec #: 1, Pos: 3725 |
| 1           | BYS47A        | How often uses computer at home                    | BY Student Questionnaire | Rec #: 1, Pos: 3727 |
| 1           | BYS47B        | How often uses computer at school                  | BY Student Questionnaire | Rec #: 1, Pos: 3729 |
| 1           | BYS47C        | How often uses computer at public library          | BY Student Questionnaire | Rec #: 1, Pos: 3731 |
| 1           | BYS47D        | How often uses computer at friend's house          | BY Student Questionnaire | Rec #: 1, Pos: 3733 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS47E        | How often uses computer at another place                     | BY Student Questionnaire | Rec #: 1, Pos: 3735 |
| 1           | BYS48A        | Hours/day spent watching TV/DVD on weekdays                  | BY Student Questionnaire | Rec #: 1, Pos: 3737 |
| 1           | BYS48B        | Hours/day spent watching TV/DVD on weekends                  | BY Student Questionnaire | Rec #: 1, Pos: 3739 |
| 1           | BYS49A        | Hours/day plays video/computer games on weekdays             | BY Student Questionnaire | Rec #: 1, Pos: 3741 |
| 1           | BYS49B        | Hours/day plays video/computer games on weekends             | BY Student Questionnaire | Rec #: 1, Pos: 3743 |
| 1           | BYS50         | School has library media/resource center                     | BY Student Questionnaire | Rec #: 1, Pos: 3745 |
| 1           | BYS51A        | Use of school library for assignments                        | BY Student Questionnaire | Rec #: 1, Pos: 3747 |
| 1           | BYS51B        | Use of school library for in-school projects                 | BY Student Questionnaire | Rec #: 1, Pos: 3749 |
| 1           | BYS51C        | Use of school library for homework                           | BY Student Questionnaire | Rec #: 1, Pos: 3751 |
| 1           | BYS51D        | Use of school library for research papers                    | BY Student Questionnaire | Rec #: 1, Pos: 3753 |
| 1           | BYS51E        | Use of school library for leisure reading                    | BY Student Questionnaire | Rec #: 1, Pos: 3755 |
| 1           | BYS51F        | Use of school library to read magazines/newspapers           | BY Student Questionnaire | Rec #: 1, Pos: 3757 |
| 1           | BYS51G        | Use of school library to read books for fun                  | BY Student Questionnaire | Rec #: 1, Pos: 3759 |
| 1           | BYS51H        | Use of school library for interests outside of school        | BY Student Questionnaire | Rec #: 1, Pos: 3761 |
| 1           | BYS51I        | Use of school library for Internet access                    | BY Student Questionnaire | Rec #: 1, Pos: 3763 |
| 1           | BYS52         | How useful are school library reference materials            | BY Student Questionnaire | Rec #: 1, Pos: 3765 |
| 1           | BYS53A        | How helpful is library staff with finding research resources | BY Student Questionnaire | Rec #: 1, Pos: 3767 |
| 1           | BYS53B        | How helpful is library staff with using databases            | BY Student Questionnaire | Rec #: 1, Pos: 3769 |
| 1           | BYS53C        | How helpful is library staff with using Internet             | BY Student Questionnaire | Rec #: 1, Pos: 3771 |
| 1           | BYS54A        | Importance of being successful in line work                  | BY Student Questionnaire | Rec #: 1, Pos: 3773 |
| 1           | BYS54B        | Importance of marrying right person/having happy family      | BY Student Questionnaire | Rec #: 1, Pos: 3775 |
| 1           | BYS54C        | Importance of having lots of money                           | BY Student Questionnaire | Rec #: 1, Pos: 3777 |
| 1           | BYS54D        | Importance of having strong friendships                      | BY Student Questionnaire | Rec #: 1, Pos: 3779 |
| 1           | BYS54E        | Importance of being able to find steady work                 | BY Student Questionnaire | Rec #: 1, Pos: 3781 |
| 1           | BYS54F        | Importance of helping others in community                    | BY Student Questionnaire | Rec #: 1, Pos: 3783 |
| 1           | BYS54G        | Importance of giving children better opportunities           | BY Student Questionnaire | Rec #: 1, Pos: 3785 |
| 1           | BYS54H        | Importance of living close to parents/relatives              | BY Student Questionnaire | Rec #: 1, Pos: 3787 |
| 1           | BYS54I        | Importance of getting away from this area                    | BY Student Questionnaire | Rec #: 1, Pos: 3789 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS54J        | Importance of working to correct inequalities                      | BY Student Questionnaire | Rec #: 1, Pos: 3791 |
| 1           | BYS54K        | Importance of having children                                      | BY Student Questionnaire | Rec #: 1, Pos: 3793 |
| 1           | BYS54L        | Importance of having leisure time                                  | BY Student Questionnaire | Rec #: 1, Pos: 3795 |
| 1           | BYS54N        | Importance of being expert in field of work                        | BY Student Questionnaire | Rec #: 1, Pos: 3797 |
| 1           | BYS54O        | Importance of getting good education                               | BY Student Questionnaire | Rec #: 1, Pos: 3799 |
| 1           | BYS55A        | Plans to take the PSAT or PACT                                     | BY Student Questionnaire | Rec #: 1, Pos: 3801 |
| 1           | BYS55B        | Plans to take SAT or ACT                                           | BY Student Questionnaire | Rec #: 1, Pos: 3803 |
| 1           | BYS55C        | Plans to take Advanced Placement test                              | BY Student Questionnaire | Rec #: 1, Pos: 3805 |
| 1           | BYS55D        | Plans to take the ASVAB                                            | BY Student Questionnaire | Rec #: 1, Pos: 3807 |
| 1           | BYS56         | How far in school student thinks will get                          | BY Student Questionnaire | Rec #: 1, Pos: 3809 |
| 1           | BYS57         | Plans to continue education after high school                      | BY Student Questionnaire | Rec #: 1, Pos: 3811 |
| 1           | BYS58         | Type of school plans to attend                                     | BY Student Questionnaire | Rec #: 1, Pos: 3813 |
| 1           | BYS59A        | Has gone to counselor for college entrance information             | BY Student Questionnaire | Rec #: 1, Pos: 3815 |
| 1           | BYS59B        | Has gone to teacher for college entrance information               | BY Student Questionnaire | Rec #: 1, Pos: 3817 |
| 1           | BYS59C        | Has gone to coach for college entrance information                 | BY Student Questionnaire | Rec #: 1, Pos: 3819 |
| 1           | BYS59D        | Has gone to parent for college entrance information                | BY Student Questionnaire | Rec #: 1, Pos: 3821 |
| 1           | BYS59E        | Has gone to friend for college entrance information                | BY Student Questionnaire | Rec #: 1, Pos: 3823 |
| 1           | BYS59F        | Has gone to sibling for college entrance information               | BY Student Questionnaire | Rec #: 1, Pos: 3825 |
| 1           | BYS59G        | Has gone to other relative for college entrance information        | BY Student Questionnaire | Rec #: 1, Pos: 3827 |
| 1           | BYS59H        | Has gone to college publications/websites for entrance information | BY Student Questionnaire | Rec #: 1, Pos: 3829 |
| 1           | BYS59I        | Has gone to college representatives for entrance information       | BY Student Questionnaire | Rec #: 1, Pos: 3831 |
| 1           | BYS59J        | Has gone to college search guides for entrance information         | BY Student Questionnaire | Rec #: 1, Pos: 3833 |
| 1           | BYS59K        | Did not go to any of these sources                                 | BY Student Questionnaire | Rec #: 1, Pos: 3835 |
| 1           | BYS60         | Would like to play athletics in college                            | BY Student Questionnaire | Rec #: 1, Pos: 3837 |
| 1           | BYS61         | Hopes to receive athletic scholarship for college                  | BY Student Questionnaire | Rec #: 1, Pos: 3839 |
| 1           | BYS62A        | Does not like school                                               | BY Student Questionnaire | Rec #: 1, Pos: 3841 |
| 1           | BYS62B        | Grades are not good enough                                         | BY Student Questionnaire | Rec #: 1, Pos: 3843 |
| 1           | BYS62C        | Will not need more school for job                                  | BY Student Questionnaire | Rec #: 1, Pos: 3845 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS62D        | Cannot afford school                                               | BY Student Questionnaire | Rec #: 1, Pos: 3847 |
| 1           | BYS62E        | Would rather work and earn money                                   | BY Student Questionnaire | Rec #: 1, Pos: 3849 |
| 1           | BYS62F        | Plans to be full-time homemaker                                    | BY Student Questionnaire | Rec #: 1, Pos: 3851 |
| 1           | BYS62G        | Does not feel school is important                                  | BY Student Questionnaire | Rec #: 1, Pos: 3853 |
| 1           | BYS62H        | Needs to support family                                            | BY Student Questionnaire | Rec #: 1, Pos: 3855 |
| 1           | BYS63         | Occupation expects to have after high school-verbatim (restricted) | BY Student Questionnaire | Rec #: 1, Pos: 3857 |
| 1           | BYS64         | Occupation expects to have at age 30-verbatim (restricted)         | BY Student Questionnaire | Rec #: 1, Pos: 3917 |
| 1           | BYS65A        | How far in school mother wants 10th grader to go                   | BY Student Questionnaire | Rec #: 1, Pos: 3977 |
| 1           | BYS65B        | How far in school father wants 10th grader to go                   | BY Student Questionnaire | Rec #: 1, Pos: 3979 |
| 1           | BYS66A        | Mother's desire for 10th grader after high school                  | BY Student Questionnaire | Rec #: 1, Pos: 3981 |
| 1           | BYS66B        | Father's desire for 10th grader after high school                  | BY Student Questionnaire | Rec #: 1, Pos: 3983 |
| 1           | BYS66C        | Friend's desire for 10th grader after high school                  | BY Student Questionnaire | Rec #: 1, Pos: 3985 |
| 1           | BYS66D        | Close relative's desire for 10th grader after high school          | BY Student Questionnaire | Rec #: 1, Pos: 3987 |
| 1           | BYS66E        | School counselor's desire for 10th grader after high school        | BY Student Questionnaire | Rec #: 1, Pos: 3989 |
| 1           | BYS66F        | Favorite teacher's desire for 10th grader after high school        | BY Student Questionnaire | Rec #: 1, Pos: 3991 |
| 1           | BYS66G        | Coach's desire for 10th grader after high school                   | BY Student Questionnaire | Rec #: 1, Pos: 3993 |
| 1           | BYS67         | English is student's native language                               | BY Student Questionnaire | Rec #: 1, Pos: 3995 |
| 1           | BYS68         | Student's native language (restricted)                             | BY Student Questionnaire | Rec #: 1, Pos: 3997 |
| 1           | BYS69A        | How often 10th grader speaks native language with mother           | BY Student Questionnaire | Rec #: 1, Pos: 3999 |
| 1           | BYS69B        | How often 10th grader speaks native language with father           | BY Student Questionnaire | Rec #: 1, Pos: 4001 |
| 1           | BYS69C        | How often 10th grader speaks native language with siblings         | BY Student Questionnaire | Rec #: 1, Pos: 4003 |
| 1           | BYS69D        | How often 10th grader speaks native language with friends          | BY Student Questionnaire | Rec #: 1, Pos: 4005 |
| 1           | BYS70A        | How well 10th grader understands spoken English                    | BY Student Questionnaire | Rec #: 1, Pos: 4007 |
| 1           | BYS70B        | How well 10th grader speaks English                                | BY Student Questionnaire | Rec #: 1, Pos: 4009 |
| 1           | BYS70C        | How well 10th grader reads English                                 | BY Student Questionnaire | Rec #: 1, Pos: 4011 |
| 1           | BYS70D        | How well 10th grader writes English                                | BY Student Questionnaire | Rec #: 1, Pos: 4013 |
| 1           | BYS71A        | Participated in cooperative-education                              | BY Student Questionnaire | Rec #: 1, Pos: 4015 |
| 1           | BYS71B        | Participated in internship                                         | BY Student Questionnaire | Rec #: 1, Pos: 4017 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS71C        | Participated in job shadowing/work-site visits                 | BY Student Questionnaire | Rec #: 1, Pos: 4019 |
| 1           | BYS71D        | Participated in mentoring                                      | BY Student Questionnaire | Rec #: 1, Pos: 4021 |
| 1           | BYS71E        | Participated in community service                              | BY Student Questionnaire | Rec #: 1, Pos: 4023 |
| 1           | BYS71F        | Participated in school-based enterprise                        | BY Student Questionnaire | Rec #: 1, Pos: 4025 |
| 1           | BYS71G        | Did not participate in these work-based learning experiences   | BY Student Questionnaire | Rec #: 1, Pos: 4027 |
| 1           | BYS72         | Ever worked for pay not around house                           | BY Student Questionnaire | Rec #: 1, Pos: 4029 |
| 1           | BYS73         | Date last worked for pay                                       | BY Student Questionnaire | Rec #: 1, Pos: 4031 |
| 1           | BYS74         | Date started current/most recent job                           | BY Student Questionnaire | Rec #: 1, Pos: 4037 |
| 1           | BYS75         | How many hours usually works a week                            | BY Student Questionnaire | Rec #: 1, Pos: 4043 |
| 1           | BYS76         | How many hours works on the weekend                            | BY Student Questionnaire | Rec #: 1, Pos: 4045 |
| 1           | BYS77         | Type of work does on current/most recent job                   | BY Student Questionnaire | Rec #: 1, Pos: 4047 |
| 1           | BYS79         | How got current/most recent job                                | BY Student Questionnaire | Rec #: 1, Pos: 4049 |
| 1           | BYS80         | How closely related job is to desired job after education      | BY Student Questionnaire | Rec #: 1, Pos: 4051 |
| 1           | BYS81A        | Mother/female guardian's occupation-verbatim (restricted)      | BY Student Questionnaire | Rec #: 1, Pos: 4053 |
| 1           | BYS81B        | Mother/female guardian's main job duties-verbatim (restricted) | BY Student Questionnaire | Rec #: 1, Pos: 4113 |
| 1           | BYS82A        | Father/male guardian's occupation-verbatim (restricted)        | BY Student Questionnaire | Rec #: 1, Pos: 4263 |
| 1           | BYS82B        | Father/male guardian's main job duties-verbatim (restricted)   | BY Student Questionnaire | Rec #: 1, Pos: 4323 |
| 1           | BYS83A        | Mother's highest level of education                            | BY Student Questionnaire | Rec #: 1, Pos: 4473 |
| 1           | BYS83B        | Father's highest level of education                            | BY Student Questionnaire | Rec #: 1, Pos: 4475 |
| 1           | BYS84A        | Family has a daily newspaper                                   | BY Student Questionnaire | Rec #: 1, Pos: 4477 |
| 1           | BYS84B        | Family has regularly received magazine                         | BY Student Questionnaire | Rec #: 1, Pos: 4479 |
| 1           | BYS84C        | Family has a computer                                          | BY Student Questionnaire | Rec #: 1, Pos: 4481 |
| 1           | BYS84D        | Family has access to the Internet                              | BY Student Questionnaire | Rec #: 1, Pos: 4483 |
| 1           | BYS84E        | Family has DVD player                                          | BY Student Questionnaire | Rec #: 1, Pos: 4485 |
| 1           | BYS84F        | Family has an electric dishwasher                              | BY Student Questionnaire | Rec #: 1, Pos: 4487 |
| 1           | BYS84G        | Family has a clothes dryer                                     | BY Student Questionnaire | Rec #: 1, Pos: 4489 |
| 1           | BYS84H        | Family has more than 50 books                                  | BY Student Questionnaire | Rec #: 1, Pos: 4491 |
| 1           | BYS84I        | Has own room                                                   | BY Student Questionnaire | Rec #: 1, Pos: 4493 |
| 1           | BYS84J        | Family has fax machine                                         | BY Student Questionnaire | Rec #: 1, Pos: 4495 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                         | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS85A        | How often parents checks homework                      | BY Student Questionnaire | Rec #: 1, Pos: 4497 |
| 1           | BYS85B        | How often parents help with homework                   | BY Student Questionnaire | Rec #: 1, Pos: 4499 |
| 1           | BYS85C        | Special privileges given for good grades               | BY Student Questionnaire | Rec #: 1, Pos: 4501 |
| 1           | BYS85D        | Parents limit privileges due to poor grades            | BY Student Questionnaire | Rec #: 1, Pos: 4503 |
| 1           | BYS85E        | Required to work around the house                      | BY Student Questionnaire | Rec #: 1, Pos: 4505 |
| 1           | BYS85F        | Parents limit TV watching or video games               | BY Student Questionnaire | Rec #: 1, Pos: 4507 |
| 1           | BYS85G        | Parents limit time with friends                        | BY Student Questionnaire | Rec #: 1, Pos: 4509 |
| 1           | BYS86A        | How often discussed school courses with parents        | BY Student Questionnaire | Rec #: 1, Pos: 4511 |
| 1           | BYS86B        | How often discussed school activities with parents     | BY Student Questionnaire | Rec #: 1, Pos: 4513 |
| 1           | BYS86C        | How often discuss things studied in class with parents | BY Student Questionnaire | Rec #: 1, Pos: 4515 |
| 1           | BYS86D        | How often discussed grades with parents                | BY Student Questionnaire | Rec #: 1, Pos: 4517 |
| 1           | BYS86E        | How often discussed transferring with parents          | BY Student Questionnaire | Rec #: 1, Pos: 4519 |
| 1           | BYS86F        | How often discussed prep for ACT/SAT with parents      | BY Student Questionnaire | Rec #: 1, Pos: 4521 |
| 1           | BYS86G        | How often discussed going to college with parents      | BY Student Questionnaire | Rec #: 1, Pos: 4523 |
| 1           | BYS86H        | How often discussed current events with parents        | BY Student Questionnaire | Rec #: 1, Pos: 4525 |
| 1           | BYS86I        | How often discussed troubling things with parents      | BY Student Questionnaire | Rec #: 1, Pos: 4527 |
| 1           | BYS87A        | Gets totally absorbed in mathematics                   | BY Student Questionnaire | Rec #: 1, Pos: 4529 |
| 1           | BYS87B        | Thinks reading is fun                                  | BY Student Questionnaire | Rec #: 1, Pos: 4531 |
| 1           | BYS87C        | Thinks math is fun                                     | BY Student Questionnaire | Rec #: 1, Pos: 4533 |
| 1           | BYS87D        | Reads in spare time                                    | BY Student Questionnaire | Rec #: 1, Pos: 4535 |
| 1           | BYS87E        | Gets totally absorbed in reading                       | BY Student Questionnaire | Rec #: 1, Pos: 4537 |
| 1           | BYS87F        | Mathematics is important                               | BY Student Questionnaire | Rec #: 1, Pos: 4539 |
| 1           | BYS88A        | Most people can learn to be good at math               | BY Student Questionnaire | Rec #: 1, Pos: 4541 |
| 1           | BYS88B        | Have to be born with ability to be good at math        | BY Student Questionnaire | Rec #: 1, Pos: 4543 |
| 1           | BYS89A        | Can do excellent job on math tests                     | BY Student Questionnaire | Rec #: 1, Pos: 4545 |
| 1           | BYS89B        | Can understand difficult math texts                    | BY Student Questionnaire | Rec #: 1, Pos: 4547 |
| 1           | BYS89C        | Can understand difficult English texts                 | BY Student Questionnaire | Rec #: 1, Pos: 4549 |
| 1           | BYS89D        | Studies to get a good grade                            | BY Student Questionnaire | Rec #: 1, Pos: 4551 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------|--------------------------|---------------------|
| 1           | BYS89E        | Can learn something really hard                             | BY Student Questionnaire | Rec #: 1, Pos: 4553 |
| 1           | BYS89F        | Can understand difficult English class                      | BY Student Questionnaire | Rec #: 1, Pos: 4555 |
| 1           | BYS89G        | Remembers most important things when studies                | BY Student Questionnaire | Rec #: 1, Pos: 4557 |
| 1           | BYS89H        | Studies to increase job opportunities                       | BY Student Questionnaire | Rec #: 1, Pos: 4559 |
| 1           | BYS89I        | Can do excellent job on English assignments                 | BY Student Questionnaire | Rec #: 1, Pos: 4561 |
| 1           | BYS89J        | Works as hard as possible when studies                      | BY Student Questionnaire | Rec #: 1, Pos: 4563 |
| 1           | BYS89K        | Can do excellent job on English tests                       | BY Student Questionnaire | Rec #: 1, Pos: 4565 |
| 1           | BYS89L        | Can understand difficult math class                         | BY Student Questionnaire | Rec #: 1, Pos: 4567 |
| 1           | BYS89M        | Can master skills in English class                          | BY Student Questionnaire | Rec #: 1, Pos: 4569 |
| 1           | BYS89N        | Can get no bad grades if decides to                         | BY Student Questionnaire | Rec #: 1, Pos: 4571 |
| 1           | BYS89O        | Keeps studying even if material is difficult                | BY Student Questionnaire | Rec #: 1, Pos: 4573 |
| 1           | BYS89P        | Studies to ensure financial security                        | BY Student Questionnaire | Rec #: 1, Pos: 4575 |
| 1           | BYS89Q        | Can get no problems wrong if decides to                     | BY Student Questionnaire | Rec #: 1, Pos: 4577 |
| 1           | BYS89R        | Can do excellent job on math assignments                    | BY Student Questionnaire | Rec #: 1, Pos: 4579 |
| 1           | BYS89S        | Does best to learn what studies                             | BY Student Questionnaire | Rec #: 1, Pos: 4581 |
| 1           | BYS89T        | Can learn something well if wants to                        | BY Student Questionnaire | Rec #: 1, Pos: 4583 |
| 1           | BYS89U        | Can master math class skills                                | BY Student Questionnaire | Rec #: 1, Pos: 4585 |
| 1           | BYS89V        | Puts forth best effort when studying                        | BY Student Questionnaire | Rec #: 1, Pos: 4587 |
| 1           | BYS90A        | Important to friends to attend classes regularly            | BY Student Questionnaire | Rec #: 1, Pos: 4589 |
| 1           | BYS90B        | Important to friends to study                               | BY Student Questionnaire | Rec #: 1, Pos: 4591 |
| 1           | BYS90C        | Important to friends to play sports                         | BY Student Questionnaire | Rec #: 1, Pos: 4593 |
| 1           | BYS90D        | Important to friends to get good grades                     | BY Student Questionnaire | Rec #: 1, Pos: 4595 |
| 1           | BYS90E        | Important to friends to be popular with students            | BY Student Questionnaire | Rec #: 1, Pos: 4597 |
| 1           | BYS90F        | Important to friends to finish high school                  | BY Student Questionnaire | Rec #: 1, Pos: 4599 |
| 1           | BYS90G        | Important to friends to have steady boy/girlfriend          | BY Student Questionnaire | Rec #: 1, Pos: 4601 |
| 1           | BYS90H        | Important to friends to continue education past high school | BY Student Questionnaire | Rec #: 1, Pos: 4603 |
| 1           | BYS90J        | Important to friends to do community work                   | BY Student Questionnaire | Rec #: 1, Pos: 4605 |
| 1           | BYS90K        | Important to friends to have job                            | BY Student Questionnaire | Rec #: 1, Pos: 4607 |
| 1           | BYS90L        | Important to friends to get together with friends           | BY Student Questionnaire | Rec #: 1, Pos: 4609 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------|--------------------------|---------------------|
| 1           | BYS90M        | Important to friends to go to parties           | BY Student Questionnaire | Rec #: 1, Pos: 4611 |
| 1           | BYS90Q        | Important to friends to make money              | BY Student Questionnaire | Rec #: 1, Pos: 4613 |
| 1           | BYS91         | Number of close friends who dropped out         | BY Student Questionnaire | Rec #: 1, Pos: 4615 |
| 1           | BYS92A        | Girls should have same opportunities in sports  | BY Student Questionnaire | Rec #: 1, Pos: 4617 |
| 1           | BYS92B        | Some sports should be just for boys             | BY Student Questionnaire | Rec #: 1, Pos: 4619 |
| 1           | BYS92C        | Girls should have own sports teams              | BY Student Questionnaire | Rec #: 1, Pos: 4621 |
| 1           | BYS92D        | Girls should be on same sports teams as boys    | BY Student Questionnaire | Rec #: 1, Pos: 4623 |
| 1           | BYS94         | Has close friends who were friends in 8th grade | BY Student Questionnaire | Rec #: 1, Pos: 4625 |
| 1           | BYS96         | Observed students betting on sports             | BY Student Questionnaire | Rec #: 1, Pos: 4627 |
| 1           | BYS97A        | Bets were placed with friends                   | BY Student Questionnaire | Rec #: 1, Pos: 4629 |
| 1           | BYS97B        | Bets were placed with family members            | BY Student Questionnaire | Rec #: 1, Pos: 4631 |
| 1           | BYS97C        | Bets were placed with bookie                    | BY Student Questionnaire | Rec #: 1, Pos: 4633 |
| 1           | BYS97D        | Bets were placed with a website                 | BY Student Questionnaire | Rec #: 1, Pos: 4635 |
| 1           | BYS97E        | Bets were placed through other means            | BY Student Questionnaire | Rec #: 1, Pos: 4637 |
| 1           | F1S14         | Grade level                                     | F1 Student Questionnaire | Rec #: 1, Pos: 4639 |
| 1           | F1S15         | Diploma or certificate most likely to receive   | F1 Student Questionnaire | Rec #: 1, Pos: 4641 |
| 1           | F1S16A        | Years of General Science coursework             | F1 Student Questionnaire | Rec #: 1, Pos: 4643 |
| 1           | F1S16B        | Years of General Physical Science coursework    | F1 Student Questionnaire | Rec #: 1, Pos: 4645 |
| 1           | F1S16C        | Years of Biology coursework                     | F1 Student Questionnaire | Rec #: 1, Pos: 4647 |
| 1           | F1S16D        | Years of Botany/Zoology coursework              | F1 Student Questionnaire | Rec #: 1, Pos: 4649 |
| 1           | F1S16E        | Years of Earth Science coursework               | F1 Student Questionnaire | Rec #: 1, Pos: 4651 |
| 1           | F1S16F        | Years of Chemistry coursework                   | F1 Student Questionnaire | Rec #: 1, Pos: 4653 |
| 1           | F1S16G        | Years of Principles of Technology coursework    | F1 Student Questionnaire | Rec #: 1, Pos: 4655 |
| 1           | F1S16H        | Years of Physics coursework                     | F1 Student Questionnaire | Rec #: 1, Pos: 4657 |
| 1           | F1S16I        | Years of other science coursework               | F1 Student Questionnaire | Rec #: 1, Pos: 4659 |
| 1           | F1S17A        | Years of General Math coursework                | F1 Student Questionnaire | Rec #: 1, Pos: 4661 |
| 1           | F1S17B        | Years of Pre-Algebra coursework                 | F1 Student Questionnaire | Rec #: 1, Pos: 4663 |
| 1           | F1S17C        | Years of Algebra I coursework                   | F1 Student Questionnaire | Rec #: 1, Pos: 4665 |
| 1           | F1S17D        | Years of Geometry coursework                    | F1 Student Questionnaire | Rec #: 1, Pos: 4667 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S17E        | Years of Algebra II coursework                              | F1 Student Questionnaire | Rec #: 1, Pos: 4669 |
| 1           | F1S17F        | Years of Trigonometry coursework                            | F1 Student Questionnaire | Rec #: 1, Pos: 4671 |
| 1           | F1S17G        | Years of Pre-Calculus coursework                            | F1 Student Questionnaire | Rec #: 1, Pos: 4673 |
| 1           | F1S17H        | Years of Calculus coursework                                | F1 Student Questionnaire | Rec #: 1, Pos: 4675 |
| 1           | F1S17I        | Years of Consumer/Business Math coursework                  | F1 Student Questionnaire | Rec #: 1, Pos: 4677 |
| 1           | F1S17J        | Years of other math coursework                              | F1 Student Questionnaire | Rec #: 1, Pos: 4679 |
| 1           | F1S18A        | Can do excellent job on math tests                          | F1 Student Questionnaire | Rec #: 1, Pos: 4681 |
| 1           | F1S18B        | Can understand difficult math texts                         | F1 Student Questionnaire | Rec #: 1, Pos: 4683 |
| 1           | F1S18C        | Can understand difficult math class                         | F1 Student Questionnaire | Rec #: 1, Pos: 4685 |
| 1           | F1S18D        | Can do excellent job on math assignments                    | F1 Student Questionnaire | Rec #: 1, Pos: 4687 |
| 1           | F1S18E        | Can master math class skills                                | F1 Student Questionnaire | Rec #: 1, Pos: 4689 |
| 1           | F1S19A        | How often uses calculators in math class                    | F1 Student Questionnaire | Rec #: 1, Pos: 4691 |
| 1           | F1S19B        | How often uses graphing calculators in math class           | F1 Student Questionnaire | Rec #: 1, Pos: 4693 |
| 1           | F1S19C        | How often uses computers in math class                      | F1 Student Questionnaire | Rec #: 1, Pos: 4695 |
| 1           | F1S20A        | Used computer in fall 2003 math                             | F1 Student Questionnaire | Rec #: 1, Pos: 4697 |
| 1           | F1S20B        | Uses computer in spring 2004 math                           | F1 Student Questionnaire | Rec #: 1, Pos: 4699 |
| 1           | F1S20C        | Uses computer in fall 2003 English                          | F1 Student Questionnaire | Rec #: 1, Pos: 4701 |
| 1           | F1S20D        | Uses computer in spring 2004 English                        | F1 Student Questionnaire | Rec #: 1, Pos: 4703 |
| 1           | F1S20E        | Used computer in fall 2002 math                             | F1 Student Questionnaire | Rec #: 1, Pos: 4705 |
| 1           | F1S20F        | Used computer in spring 2003 math                           | F1 Student Questionnaire | Rec #: 1, Pos: 4707 |
| 1           | F1S20G        | Used computer in fall 2002 English                          | F1 Student Questionnaire | Rec #: 1, Pos: 4709 |
| 1           | F1S20H        | Used computer in spring 2003 English                        | F1 Student Questionnaire | Rec #: 1, Pos: 4711 |
| 1           | F1S21A        | Took or plans to take the PSAT                              | F1 Student Questionnaire | Rec #: 1, Pos: 4713 |
| 1           | F1S21B        | Took or plans to take the PLAN                              | F1 Student Questionnaire | Rec #: 1, Pos: 4715 |
| 1           | F1S21C        | Took or plans to take SAT or ACT                            | F1 Student Questionnaire | Rec #: 1, Pos: 4717 |
| 1           | F1S21D        | Took or plans to take Advanced Placement test               | F1 Student Questionnaire | Rec #: 1, Pos: 4719 |
| 1           | F1S21E        | Took or plans to take the ASVAB                             | F1 Student Questionnaire | Rec #: 1, Pos: 4721 |
| 1           | F1S22A        | Took or plans to take SAT/ACT course at high school         | F1 Student Questionnaire | Rec #: 1, Pos: 4723 |
| 1           | F1S22B        | Took or plans to take commercial SAT/ACT preparation course | F1 Student Questionnaire | Rec #: 1, Pos: 4725 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S22C        | Received or plans to receive private tutoring for SAT/ACT     | F1 Student Questionnaire | Rec #: 1, Pos: 4727 |
| 1           | F1S22D        | Studied or plans to study from SAT/ACT preparation books      | F1 Student Questionnaire | Rec #: 1, Pos: 4729 |
| 1           | F1S22E        | Used or plans to use SAT/ACT preparation video tape           | F1 Student Questionnaire | Rec #: 1, Pos: 4731 |
| 1           | F1S22F        | Used or plans to use SAT/ACT preparation computer program     | F1 Student Questionnaire | Rec #: 1, Pos: 4733 |
| 1           | F1S23         | Participated in college preparation program for disadvantaged | F1 Student Questionnaire | Rec #: 1, Pos: 4735 |
| 1           | F1S24A        | Highest grade of participation in Talent Search               | F1 Student Questionnaire | Rec #: 1, Pos: 4737 |
| 1           | F1S24AA       | Participated in Talent Search in 9th grade                    | F1 Student Questionnaire | Rec #: 1, Pos: 4739 |
| 1           | F1S24AB       | Participated in Talent Search in 10th grade                   | F1 Student Questionnaire | Rec #: 1, Pos: 4741 |
| 1           | F1S24AC       | Participated in Talent Search in 11th grade                   | F1 Student Questionnaire | Rec #: 1, Pos: 4743 |
| 1           | F1S24AD       | Participated in Talent Search in 12th grade                   | F1 Student Questionnaire | Rec #: 1, Pos: 4745 |
| 1           | F1S24AE       | Did not participate in Talent Search                          | F1 Student Questionnaire | Rec #: 1, Pos: 4747 |
| 1           | F1S24B        | Highest grade of participation in Upward Bound                | F1 Student Questionnaire | Rec #: 1, Pos: 4749 |
| 1           | F1S24BA       | Participated in Upward Bound in 9th grade                     | F1 Student Questionnaire | Rec #: 1, Pos: 4751 |
| 1           | F1S24BB       | Participated in Upward Bound in 10th grade                    | F1 Student Questionnaire | Rec #: 1, Pos: 4753 |
| 1           | F1S24BC       | Participated in Upward Bound in 11th grade                    | F1 Student Questionnaire | Rec #: 1, Pos: 4755 |
| 1           | F1S24BD       | Participated in Upward Bound in 12th grade                    | F1 Student Questionnaire | Rec #: 1, Pos: 4757 |
| 1           | F1S24BE       | Did not participate in Upward Bound                           | F1 Student Questionnaire | Rec #: 1, Pos: 4759 |
| 1           | F1S24C        | Highest grade of participation in Gear Up or other program    | F1 Student Questionnaire | Rec #: 1, Pos: 4761 |
| 1           | F1S24CA       | Participated in Gear Up/other similar program in 9th grade    | F1 Student Questionnaire | Rec #: 1, Pos: 4763 |
| 1           | F1S24CB       | Participated in Gear Up/other similar program in 10th grade   | F1 Student Questionnaire | Rec #: 1, Pos: 4765 |
| 1           | F1S24CC       | Participated in Gear Up/other similar program in 11th grade   | F1 Student Questionnaire | Rec #: 1, Pos: 4767 |
| 1           | F1S24CD       | Participated in Gear Up/other similar program in 12th grade   | F1 Student Questionnaire | Rec #: 1, Pos: 4769 |
| 1           | F1S24CE       | Did not participate in Gear Up/other similar program          | F1 Student Questionnaire | Rec #: 1, Pos: 4771 |
| 1           | F1S25A        | Had something stolen at school                                | F1 Student Questionnaire | Rec #: 1, Pos: 4773 |
| 1           | F1S25B        | Someone offered drugs at school                               | F1 Student Questionnaire | Rec #: 1, Pos: 4775 |
| 1           | F1S25C        | Someone threatened to hurt student at school                  | F1 Student Questionnaire | Rec #: 1, Pos: 4777 |
| 1           | F1S25D        | Someone hit student                                           | F1 Student Questionnaire | Rec #: 1, Pos: 4779 |
| 1           | F1S26A        | Participated in intramural sports                             | F1 Student Questionnaire | Rec #: 1, Pos: 4781 |
| 1           | F1S26B        | Participated in interscholastic sports                        | F1 Student Questionnaire | Rec #: 1, Pos: 4783 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S26C        | Participated in school band or chorus                          | F1 Student Questionnaire | Rec #: 1, Pos: 4785 |
| 1           | F1S26D        | Participated in school play or musical                         | F1 Student Questionnaire | Rec #: 1, Pos: 4787 |
| 1           | F1S26E        | Participated in student government                             | F1 Student Questionnaire | Rec #: 1, Pos: 4789 |
| 1           | F1S26F        | Participated in academic honor society                         | F1 Student Questionnaire | Rec #: 1, Pos: 4791 |
| 1           | F1S26G        | Participated in school yearbook or newspaper                   | F1 Student Questionnaire | Rec #: 1, Pos: 4793 |
| 1           | F1S26H        | Participated in school service clubs                           | F1 Student Questionnaire | Rec #: 1, Pos: 4795 |
| 1           | F1S26I        | Participated in school academic clubs                          | F1 Student Questionnaire | Rec #: 1, Pos: 4797 |
| 1           | F1S26J        | Participated in school hobby clubs                             | F1 Student Questionnaire | Rec #: 1, Pos: 4799 |
| 1           | F1S26K        | Participated in school vocational clubs                        | F1 Student Questionnaire | Rec #: 1, Pos: 4801 |
| 1           | F1S27         | Hours/week spent on extracurricular activities                 | F1 Student Questionnaire | Rec #: 1, Pos: 4803 |
| 1           | F1S28         | School has library media/resource center                       | F1 Student Questionnaire | Rec #: 1, Pos: 4805 |
| 1           | F1S29A        | Use of school library for assignments                          | F1 Student Questionnaire | Rec #: 1, Pos: 4807 |
| 1           | F1S29B        | Use of school library for in-school projects                   | F1 Student Questionnaire | Rec #: 1, Pos: 4809 |
| 1           | F1S29C        | Use of school library for homework                             | F1 Student Questionnaire | Rec #: 1, Pos: 4811 |
| 1           | F1S29D        | Use of school library for research papers                      | F1 Student Questionnaire | Rec #: 1, Pos: 4813 |
| 1           | F1S29E        | Use of school library for leisure reading                      | F1 Student Questionnaire | Rec #: 1, Pos: 4815 |
| 1           | F1S29F        | Use of school library to read magazines/newspapers             | F1 Student Questionnaire | Rec #: 1, Pos: 4817 |
| 1           | F1S29G        | Use of school library to read books for fun                    | F1 Student Questionnaire | Rec #: 1, Pos: 4819 |
| 1           | F1S29H        | Use of school library for interests outside of school          | F1 Student Questionnaire | Rec #: 1, Pos: 4821 |
| 1           | F1S29I        | Use of school library for Internet access                      | F1 Student Questionnaire | Rec #: 1, Pos: 4823 |
| 1           | F1S30A        | Use of public library for assignments                          | F1 Student Questionnaire | Rec #: 1, Pos: 4825 |
| 1           | F1S30B        | Use of public library for in-school projects                   | F1 Student Questionnaire | Rec #: 1, Pos: 4827 |
| 1           | F1S30C        | Use of public library for homework                             | F1 Student Questionnaire | Rec #: 1, Pos: 4829 |
| 1           | F1S30D        | Use of public library for research papers                      | F1 Student Questionnaire | Rec #: 1, Pos: 4831 |
| 1           | F1S30E        | Use of public library for leisure reading                      | F1 Student Questionnaire | Rec #: 1, Pos: 4833 |
| 1           | F1S30F        | Use of public library to read magazines/newspaper              | F1 Student Questionnaire | Rec #: 1, Pos: 4835 |
| 1           | F1S30G        | Use of public library to read books for fun                    | F1 Student Questionnaire | Rec #: 1, Pos: 4837 |
| 1           | F1S30H        | Use of public library for personal interests outside of school | F1 Student Questionnaire | Rec #: 1, Pos: 4839 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S30I        | Use of public library for Internet access               | F1 Student Questionnaire | Rec #: 1, Pos: 4841 |
| 1           | F1S31         | Hours/week spent on homework both in and out of school  | F1 Student Questionnaire | Rec #: 1, Pos: 4843 |
| 1           | F1S32A        | Hours/week spent on math homework in school             | F1 Student Questionnaire | Rec #: 1, Pos: 4845 |
| 1           | F1S32B        | Hours/week spent on math homework out of school         | F1 Student Questionnaire | Rec #: 1, Pos: 4847 |
| 1           | F1S33         | Hours/week spent reading outside of school              | F1 Student Questionnaire | Rec #: 1, Pos: 4849 |
| 1           | F1S34A        | Hours/day spent watching TV/videos/DVDs on weekdays     | F1 Student Questionnaire | Rec #: 1, Pos: 4851 |
| 1           | F1S34B        | Hours/day spent watching TV/videos/DVDs on weekends     | F1 Student Questionnaire | Rec #: 1, Pos: 4853 |
| 1           | F1S35A        | Hours/day plays video/computer games on weekdays        | F1 Student Questionnaire | Rec #: 1, Pos: 4855 |
| 1           | F1S35B        | Hours/day plays video/computer games on weekends        | F1 Student Questionnaire | Rec #: 1, Pos: 4857 |
| 1           | F1S36A        | Hours/day on computer for school work                   | F1 Student Questionnaire | Rec #: 1, Pos: 4859 |
| 1           | F1S36B        | Hours/day on computer other than for school             | F1 Student Questionnaire | Rec #: 1, Pos: 4861 |
| 1           | F1S37A        | How often uses computer at home                         | F1 Student Questionnaire | Rec #: 1, Pos: 4863 |
| 1           | F1S37B        | How often uses computer at school library               | F1 Student Questionnaire | Rec #: 1, Pos: 4865 |
| 1           | F1S37C        | How often uses computer at another place at school      | F1 Student Questionnaire | Rec #: 1, Pos: 4867 |
| 1           | F1S37D        | How often uses computer at public library               | F1 Student Questionnaire | Rec #: 1, Pos: 4869 |
| 1           | F1S37E        | How often uses computer at friend's house               | F1 Student Questionnaire | Rec #: 1, Pos: 4871 |
| 1           | F1S37F        | How often uses computer at another place                | F1 Student Questionnaire | Rec #: 1, Pos: 4873 |
| 1           | F1S38A        | How often uses computer for fun                         | F1 Student Questionnaire | Rec #: 1, Pos: 4875 |
| 1           | F1S38B        | How often uses computer for school work                 | F1 Student Questionnaire | Rec #: 1, Pos: 4877 |
| 1           | F1S38C        | How often uses computer to learn on own                 | F1 Student Questionnaire | Rec #: 1, Pos: 4879 |
| 1           | F1S39A        | How often visits with friends at local hangout          | F1 Student Questionnaire | Rec #: 1, Pos: 4881 |
| 1           | F1S39B        | How often works on hobbies                              | F1 Student Questionnaire | Rec #: 1, Pos: 4883 |
| 1           | F1S39C        | How often performs community services                   | F1 Student Questionnaire | Rec #: 1, Pos: 4885 |
| 1           | F1S39D        | How often drives or rides around                        | F1 Student Questionnaire | Rec #: 1, Pos: 4887 |
| 1           | F1S39E        | How often talks on phone with friends                   | F1 Student Questionnaire | Rec #: 1, Pos: 4889 |
| 1           | F1S39F        | How often takes music, art, language class              | F1 Student Questionnaire | Rec #: 1, Pos: 4891 |
| 1           | F1S39G        | How often takes sports lessons                          | F1 Student Questionnaire | Rec #: 1, Pos: 4893 |
| 1           | F1S39H        | How often plays non-school sports                       | F1 Student Questionnaire | Rec #: 1, Pos: 4895 |
| 1           | F1S39I        | How often talks with friends/relatives via the Internet | F1 Student Questionnaire | Rec #: 1, Pos: 4897 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S40A        | Importance of being successful in line work             | F1 Student Questionnaire | Rec #: 1, Pos: 4899 |
| 1           | F1S40B        | Importance of marrying right person/having happy family | F1 Student Questionnaire | Rec #: 1, Pos: 4901 |
| 1           | F1S40C        | Importance of having lots of money                      | F1 Student Questionnaire | Rec #: 1, Pos: 4903 |
| 1           | F1S40D        | Importance of having strong friendships                 | F1 Student Questionnaire | Rec #: 1, Pos: 4905 |
| 1           | F1S40E        | Importance of being able to find steady work            | F1 Student Questionnaire | Rec #: 1, Pos: 4907 |
| 1           | F1S40F        | Importance of helping others in community               | F1 Student Questionnaire | Rec #: 1, Pos: 4909 |
| 1           | F1S40G        | Importance of giving children better opportunities      | F1 Student Questionnaire | Rec #: 1, Pos: 4911 |
| 1           | F1S40H        | Importance of living close to parents/relatives         | F1 Student Questionnaire | Rec #: 1, Pos: 4913 |
| 1           | F1S40I        | Importance of getting away from this area               | F1 Student Questionnaire | Rec #: 1, Pos: 4915 |
| 1           | F1S40J        | Importance of working to correct inequalities           | F1 Student Questionnaire | Rec #: 1, Pos: 4917 |
| 1           | F1S40K        | Importance of having children                           | F1 Student Questionnaire | Rec #: 1, Pos: 4919 |
| 1           | F1S40L        | Importance of having leisure time                       | F1 Student Questionnaire | Rec #: 1, Pos: 4921 |
| 1           | F1S40M        | Importance of being expert in field of work             | F1 Student Questionnaire | Rec #: 1, Pos: 4923 |
| 1           | F1S40N        | Importance of getting good education                    | F1 Student Questionnaire | Rec #: 1, Pos: 4925 |
| 1           | F1S40O        | Importance of getting good job                          | F1 Student Questionnaire | Rec #: 1, Pos: 4927 |
| 1           | F1S40P        | Importance of being an active/informed citizen          | F1 Student Questionnaire | Rec #: 1, Pos: 4929 |
| 1           | F1S40Q        | Importance of supporting environmental causes           | F1 Student Questionnaire | Rec #: 1, Pos: 4931 |
| 1           | F1S40R        | Importance of being patriotic                           | F1 Student Questionnaire | Rec #: 1, Pos: 4933 |
| 1           | F1S41A        | Will work part-time in summer 2004                      | F1 Student Questionnaire | Rec #: 1, Pos: 4935 |
| 1           | F1S41B        | Will work full-time in summer 2004                      | F1 Student Questionnaire | Rec #: 1, Pos: 4937 |
| 1           | F1S41C        | Will take high school courses in summer 2004            | F1 Student Questionnaire | Rec #: 1, Pos: 4939 |
| 1           | F1S41D        | Will take college courses in summer 2004                | F1 Student Questionnaire | Rec #: 1, Pos: 4941 |
| 1           | F1S41E        | Will provide community service in summer 2004           | F1 Student Questionnaire | Rec #: 1, Pos: 4943 |
| 1           | F1S41F        | Will enter the military in summer 2004                  | F1 Student Questionnaire | Rec #: 1, Pos: 4945 |
| 1           | F1S42         | How far in school respondent thinks will get            | F1 Student Questionnaire | Rec #: 1, Pos: 4947 |
| 1           | F1S43A        | How far in school mother wants respondent to go         | F1 Student Questionnaire | Rec #: 1, Pos: 4949 |
| 1           | F1S43B        | How far in school father wants respondent to go         | F1 Student Questionnaire | Rec #: 1, Pos: 4951 |
| 1           | F1S44A        | Mother's desire for respondent after high school        | F1 Student Questionnaire | Rec #: 1, Pos: 4953 |
| 1           | F1S44B        | Father's desire for respondent after high school        | F1 Student Questionnaire | Rec #: 1, Pos: 4955 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description      | Position            |
|-------------|---------------|------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S44C        | Close relative's desire for respondent after high school         | F1 Student Questionnaire | Rec #: 1, Pos: 4957 |
| 1           | F1S44D        | Friend's desire for respondent after high school                 | F1 Student Questionnaire | Rec #: 1, Pos: 4959 |
| 1           | F1S44E        | School counselor's desire for respondent after high school       | F1 Student Questionnaire | Rec #: 1, Pos: 4961 |
| 1           | F1S44F        | Favorite teacher's desire for respondent after high school       | F1 Student Questionnaire | Rec #: 1, Pos: 4963 |
| 1           | F1S44G        | Favorite coach's desire for respondent after high school         | F1 Student Questionnaire | Rec #: 1, Pos: 4965 |
| 1           | F1S45         | Plans to go on to school right after high school                 | F1 Student Questionnaire | Rec #: 1, Pos: 4967 |
| 1           | F1S46A        | No school right after hs since dislikes school                   | F1 Student Questionnaire | Rec #: 1, Pos: 4969 |
| 1           | F1S46B        | No school right after hs since grades are not good enough        | F1 Student Questionnaire | Rec #: 1, Pos: 4971 |
| 1           | F1S46C        | No school right after hs since admission scores not good enough  | F1 Student Questionnaire | Rec #: 1, Pos: 4973 |
| 1           | F1S46D        | No school right after hs since will not need more school for job | F1 Student Questionnaire | Rec #: 1, Pos: 4975 |
| 1           | F1S46E        | No school right after hs since cannot afford school              | F1 Student Questionnaire | Rec #: 1, Pos: 4977 |
| 1           | F1S46F        | No school right after hs since has not taken right courses       | F1 Student Questionnaire | Rec #: 1, Pos: 4979 |
| 1           | F1S46G        | No school right after hs since no one in family has gone         | F1 Student Questionnaire | Rec #: 1, Pos: 4981 |
| 1           | F1S46H        | No school right after hs since plan to join military             | F1 Student Questionnaire | Rec #: 1, Pos: 4983 |
| 1           | F1S46I        | No school right after hs since would rather work and earn money  | F1 Student Questionnaire | Rec #: 1, Pos: 4985 |
| 1           | F1S46J        | No school right after hs since does not feel school is important | F1 Student Questionnaire | Rec #: 1, Pos: 4987 |
| 1           | F1S46K        | No school right after hs since counselor/teacher recommends work | F1 Student Questionnaire | Rec #: 1, Pos: 4989 |
| 1           | F1S46L        | No school right after hs since needs to support family           | F1 Student Questionnaire | Rec #: 1, Pos: 4991 |
| 1           | F1S47         | Plans to continue education some time in future                  | F1 Student Questionnaire | Rec #: 1, Pos: 4993 |
| 1           | F1S48A        | Has gone to counselor for college entrance information           | F1 Student Questionnaire | Rec #: 1, Pos: 4995 |
| 1           | F1S48B        | Has gone to teacher for college entrance information             | F1 Student Questionnaire | Rec #: 1, Pos: 4997 |
| 1           | F1S48C        | Has gone to coach for college entrance information               | F1 Student Questionnaire | Rec #: 1, Pos: 4999 |
| 1           | F1S48D        | Has gone to parent for college entrance information              | F1 Student Questionnaire | Rec #: 1, Pos: 5001 |
| 1           | F1S48E        | Has gone to sibling for college entrance information             | F1 Student Questionnaire | Rec #: 1, Pos: 5003 |
| 1           | F1S48F        | Has gone to other relative for college entrance information      | F1 Student Questionnaire | Rec #: 1, Pos: 5005 |
| 1           | F1S48G        | Has gone to friend for college entrance information              | F1 Student Questionnaire | Rec #: 1, Pos: 5007 |
| 1           | F1S48H        | Has gone to college representatives for entrance information     | F1 Student Questionnaire | Rec #: 1, Pos: 5009 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S48I        | Has gone to college publications/websites for entrance information  | F1 Student Questionnaire | Rec #: 1, Pos: 5011 |
| 1           | F1S48J        | Has gone to college search guides for entrance information          | F1 Student Questionnaire | Rec #: 1, Pos: 5013 |
| 1           | F1S48K        | Has gone to school library for college entrance information         | F1 Student Questionnaire | Rec #: 1, Pos: 5015 |
| 1           | F1S48L        | Has gone to public library for college entrance information         | F1 Student Questionnaire | Rec #: 1, Pos: 5017 |
| 1           | F1S48M        | Has gone to college library for college entrance information        | F1 Student Questionnaire | Rec #: 1, Pos: 5019 |
| 1           | F1S48N        | Did not go to any of these sources for college entrance information | F1 Student Questionnaire | Rec #: 1, Pos: 5021 |
| 1           | F1S49         | Type of school plans to attend                                      | F1 Student Questionnaire | Rec #: 1, Pos: 5023 |
| 1           | F1S50         | Number of schools applied to                                        | F1 Student Questionnaire | Rec #: 1, Pos: 5025 |
| 1           | F1S52A        | Post-sec school's low expenses important to respondent              | F1 Student Questionnaire | Rec #: 1, Pos: 5027 |
| 1           | F1S52B        | Availability of post-sec financial aid important to respondent      | F1 Student Questionnaire | Rec #: 1, Pos: 5029 |
| 1           | F1S52C        | Post-sec school's courses/curriculum important to respondent        | F1 Student Questionnaire | Rec #: 1, Pos: 5031 |
| 1           | F1S52D        | Post-sec school's athletic program important to respondent          | F1 Student Questionnaire | Rec #: 1, Pos: 5033 |
| 1           | F1S52E        | Post-sec school's active social life important to respondent        | F1 Student Questionnaire | Rec #: 1, Pos: 5035 |
| 1           | F1S52F        | Living at home while attending post-sec important to respondent     | F1 Student Questionnaire | Rec #: 1, Pos: 5037 |
| 1           | F1S52G        | Away from home while attending post-sec important to respondent     | F1 Student Questionnaire | Rec #: 1, Pos: 5039 |
| 1           | F1S52H        | Post-sec school's low crime important to respondent                 | F1 Student Questionnaire | Rec #: 1, Pos: 5041 |
| 1           | F1S52I        | Post-sec school's job placement record important to respondent      | F1 Student Questionnaire | Rec #: 1, Pos: 5043 |
| 1           | F1S52J        | Post-sec school's grad school placement important to respondent     | F1 Student Questionnaire | Rec #: 1, Pos: 5045 |
| 1           | F1S52K        | Post-sec school's academic reputation important to respondent       | F1 Student Questionnaire | Rec #: 1, Pos: 5047 |
| 1           | F1S52L        | Post-sec school's easy admission important to respondent            | F1 Student Questionnaire | Rec #: 1, Pos: 5049 |
| 1           | F1S52M        | Post-sec school has degree in chosen field important to respondent  | F1 Student Questionnaire | Rec #: 1, Pos: 5051 |
| 1           | F1S52N        | Post-sec school's racial/ethnic makeup important to respondent      | F1 Student Questionnaire | Rec #: 1, Pos: 5053 |
| 1           | F1S52O        | Post-sec school's size important to respondent                      | F1 Student Questionnaire | Rec #: 1, Pos: 5055 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description      | Position            |
|-------------|---------------|------------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S52P        | Post-sec school's geographic location important to respondent          | F1 Student Questionnaire | Rec #: 1, Pos: 5057 |
| 1           | F1S52Q        | Post-sec school same as one parent attended important to respondent    | F1 Student Questionnaire | Rec #: 1, Pos: 5059 |
| 1           | F1S52R        | Post-sec school's acceptance of college credit important to respondent | F1 Student Questionnaire | Rec #: 1, Pos: 5061 |
| 1           | F1S53         | Plans to work right after high school                                  | F1 Student Questionnaire | Rec #: 1, Pos: 5063 |
| 1           | F1S54         | Has regular full-time job lined up                                     | F1 Student Questionnaire | Rec #: 1, Pos: 5065 |
| 1           | F1S55A        | Guidance counselor helped select possible jobs                         | F1 Student Questionnaire | Rec #: 1, Pos: 5067 |
| 1           | F1S55B        | Vocational/technical teacher helped select possible jobs               | F1 Student Questionnaire | Rec #: 1, Pos: 5069 |
| 1           | F1S55C        | Other teacher helped select possible jobs                              | F1 Student Questionnaire | Rec #: 1, Pos: 5071 |
| 1           | F1S55D        | Coach helped select possible jobs                                      | F1 Student Questionnaire | Rec #: 1, Pos: 5073 |
| 1           | F1S55E        | Other school staff helped select possible jobs                         | F1 Student Questionnaire | Rec #: 1, Pos: 5075 |
| 1           | F1S56         | Occupation expects to have after high school-verbatim (restricted)     | F1 Student Questionnaire | Rec #: 1, Pos: 5077 |
| 1           | F1S57         | Occupation expects to have at age 30-verbatim (restricted)             | F1 Student Questionnaire | Rec #: 1, Pos: 5227 |
| 1           | F1S58         | How much education respondent thinks will be needed for job at age 30  | F1 Student Questionnaire | Rec #: 1, Pos: 5377 |
| 1           | F1S59         | Ever worked for pay not around house                                   | F1 Student Questionnaire | Rec #: 1, Pos: 5379 |
| 1           | F1S60         | How many hours usually works a week during school year                 | F1 Student Questionnaire | Rec #: 1, Pos: 5381 |
| 1           | F1S61         | How many hours works on the weekend during school year                 | F1 Student Questionnaire | Rec #: 1, Pos: 5383 |
| 1           | F1S62         | Performed unpaid volunteer/community service work                      | F1 Student Questionnaire | Rec #: 1, Pos: 5385 |
| 1           | F1S63A        | Volunteered with youth organization                                    | F1 Student Questionnaire | Rec #: 1, Pos: 5387 |
| 1           | F1S63B        | Volunteered with school/community service organization                 | F1 Student Questionnaire | Rec #: 1, Pos: 5389 |
| 1           | F1S63C        | Volunteered with political club/organization                           | F1 Student Questionnaire | Rec #: 1, Pos: 5391 |
| 1           | F1S63D        | Volunteered with church/church related group                           | F1 Student Questionnaire | Rec #: 1, Pos: 5393 |
| 1           | F1S63E        | Volunteered with community center/social-action group                  | F1 Student Questionnaire | Rec #: 1, Pos: 5395 |
| 1           | F1S63F        | Volunteered with hospital/nursing home group                           | F1 Student Questionnaire | Rec #: 1, Pos: 5397 |
| 1           | F1S63G        | Volunteered with education organization                                | F1 Student Questionnaire | Rec #: 1, Pos: 5399 |
| 1           | F1S63H        | Volunteered with conservation/environmental group                      | F1 Student Questionnaire | Rec #: 1, Pos: 5401 |
| 1           | F1S64A        | How often discussed school courses with parents                        | F1 Student Questionnaire | Rec #: 1, Pos: 5403 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1S64B        | How often discussed school activities with parents                   | F1 Student Questionnaire | Rec #: 1, Pos: 5405 |
| 1           | F1S64C        | How often discuss things studied in class with parents               | F1 Student Questionnaire | Rec #: 1, Pos: 5407 |
| 1           | F1S64D        | How often discussed grades with parents                              | F1 Student Questionnaire | Rec #: 1, Pos: 5409 |
| 1           | F1S64E        | How often discussed what jobs would like to have with parents        | F1 Student Questionnaire | Rec #: 1, Pos: 5411 |
| 1           | F1S64F        | How often discussed jobs to apply for after high school with parents | F1 Student Questionnaire | Rec #: 1, Pos: 5413 |
| 1           | F1S64G        | How often discussed preparation for ACT/SAT with parents             | F1 Student Questionnaire | Rec #: 1, Pos: 5415 |
| 1           | F1S64H        | How often discussed going to college with parents                    | F1 Student Questionnaire | Rec #: 1, Pos: 5417 |
| 1           | F1S64I        | How often discussed current events with parents                      | F1 Student Questionnaire | Rec #: 1, Pos: 5419 |
| 1           | F1S64J        | How often discussed troubling things with parents                    | F1 Student Questionnaire | Rec #: 1, Pos: 5421 |
| 1           | F1S65A        | How many friends dropped out of high school                          | F1 Student Questionnaire | Rec #: 1, Pos: 5423 |
| 1           | F1S65B        | How many friends plan to have full-time job after high school        | F1 Student Questionnaire | Rec #: 1, Pos: 5425 |
| 1           | F1S65C        | How many friends plan to attend 2-year community college             | F1 Student Questionnaire | Rec #: 1, Pos: 5427 |
| 1           | F1S65D        | How many friends plan to attend 4-year college/university            | F1 Student Questionnaire | Rec #: 1, Pos: 5429 |
| 1           | F1D19         | Month and year last attended school (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5431 |
| 1           | F1D20         | Grade when last attended school (DO)                                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5437 |
| 1           | F1D21         | Whether passed last grade attended                                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5439 |
| 1           | F1D22         | Left school for more than a month before last left                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5441 |
| 1           | F1D23         | Month and year first left school for more than a month               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5443 |
| 1           | F1D24         | Month and year returned to school                                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5449 |
| 1           | F1D25         | Attended school during 2002-2003 school year                         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5455 |
| 1           | F1D26         | Number of school days missed during 2002-2003 school year            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5457 |
| 1           | F1D27A        | Years of General Science coursework (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5460 |
| 1           | F1D27B        | Years of General Physical Science coursework (DO)                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5462 |
| 1           | F1D27C        | Years of Biology coursework (DO)                                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5464 |
| 1           | F1D27D        | Years of Botany/Zoology coursework (DO)                              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5466 |
| 1           | F1D27E        | Years of Earth Science coursework (DO)                               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5468 |
| 1           | F1D27F        | Years of Chemistry coursework (DO)                                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5470 |
| 1           | F1D27G        | Years of Principles of Technology coursework (DO)                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5472 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D27H        | Years of Physics coursework (DO)                                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5474 |
| 1           | F1D27I        | Years of other science coursework (DO)                            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5476 |
| 1           | F1D28A        | Years of General Math coursework (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5478 |
| 1           | F1D28B        | Years of Pre-Algebra coursework (DO)                              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5480 |
| 1           | F1D28C        | Years of Algebra I coursework (DO)                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5482 |
| 1           | F1D28D        | Years of Geometry coursework (DO)                                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5484 |
| 1           | F1D28E        | Years of Algebra II coursework (DO)                               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5486 |
| 1           | F1D28F        | Years of Trigonometry coursework (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5488 |
| 1           | F1D28G        | Years of Pre-Calculus coursework (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5490 |
| 1           | F1D28H        | Years of Calculus coursework (DO)                                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5492 |
| 1           | F1D28I        | Years of Consumer/Business Math coursework (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5494 |
| 1           | F1D28J        | Years of other math coursework (DO)                               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5496 |
| 1           | F1D29A        | Left school because got a job (DO)                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5498 |
| 1           | F1D29B        | Left school because did not like school (DO)                      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5500 |
| 1           | F1D29C        | Left school because could not get along with teachers (DO)        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5502 |
| 1           | F1D29D        | Left school because could not get along with other students (DO)  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5504 |
| 1           | F1D29E        | Left school because was pregnant (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5506 |
| 1           | F1D29F        | Left school because became father/mother of a baby (DO)           | F1 Dropout Questionnaire | Rec #: 1, Pos: 5508 |
| 1           | F1D29G        | Left school because had to support family (DO)                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5510 |
| 1           | F1D29H        | Left school because was suspended (DO)                            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5512 |
| 1           | F1D29I        | Left school because did not feel safe (DO)                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5514 |
| 1           | F1D29J        | Left school to care for a member of family (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5516 |
| 1           | F1D29K        | Left school because was expelled (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5518 |
| 1           | F1D29L        | Left school because did not feel belonged there (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5520 |
| 1           | F1D29M        | Left school because could not keep up with schoolwork (DO)        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5522 |
| 1           | F1D29N        | Left school because was getting poor grades/failing school (DO)   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5524 |
| 1           | F1D29O        | Left school because got married/planned to get married (DO)       | F1 Dropout Questionnaire | Rec #: 1, Pos: 5526 |
| 1           | F1D29P        | Left school because changed schools and did not like new one (DO) | F1 Dropout Questionnaire | Rec #: 1, Pos: 5528 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description      | Position            |
|-------------|---------------|------------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D29Q        | Left school because could not work at same time (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5530 |
| 1           | F1D29R        | Left school because thought would fail competency test (DO)            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5532 |
| 1           | F1D29S        | Left school because thought couldn't complete course requirements (DO) | F1 Dropout Questionnaire | Rec #: 1, Pos: 5534 |
| 1           | F1D29T        | Left school because thought it would be easier to get GED (DO)         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5536 |
| 1           | F1D29U        | Left school because missed too many school days (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5538 |
| 1           | F1D30         | Feels that leaving school was a good decision (DO)                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5540 |
| 1           | F1D31A        | Someone from school offered to send you to another school              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5542 |
| 1           | F1D31B        | Someone from school offered to put you in special program              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5544 |
| 1           | F1D31C        | Someone from school offered special tutoring                           | F1 Dropout Questionnaire | Rec #: 1, Pos: 5546 |
| 1           | F1D31D        | Someone from school offered to help make up missed work                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5548 |
| 1           | F1D31E        | Someone from school offered to help with personal problems             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5550 |
| 1           | F1D31F        | Someone from school told you that you could return if kept grades up   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5552 |
| 1           | F1D31G        | Someone from school told you you could return if attendance improved   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5554 |
| 1           | F1D31H        | Someone from school told you you could return if followed school rules | F1 Dropout Questionnaire | Rec #: 1, Pos: 5556 |
| 1           | F1D31I        | Someone from school tried to talk you into staying                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5558 |
| 1           | F1D31J        | Someone from school told you that you couldn't come back               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5560 |
| 1           | F1D31K        | Someone from school expelled or suspended you                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5562 |
| 1           | F1D31L        | Someone from school called or visited your home                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5564 |
| 1           | F1D32A        | Parents/guardians offered to send you to another school                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5566 |
| 1           | F1D32B        | Parents/guardians offered to put you in special program                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5568 |
| 1           | F1D32C        | Parents/guardians offered special tutoring                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5570 |
| 1           | F1D32D        | Parents/guardians offered to help make up missed work                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5572 |
| 1           | F1D32E        | Parents/guardians offered to help with personal problems               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5574 |
| 1           | F1D32F        | Parents/guardians tried to talk you into staying                       | F1 Dropout Questionnaire | Rec #: 1, Pos: 5576 |
| 1           | F1D32G        | Parents/guardians told you it was okay to leave                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5578 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D32H        | Parents/guardians told you they were upset                         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5580 |
| 1           | F1D32I        | Parents/guardians punished you for leaving school                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5582 |
| 1           | F1D32J        | Parents/guardians told you it was your decision                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5584 |
| 1           | F1D32K        | Parents/guardians called principle or teacher                      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5586 |
| 1           | F1D32L        | Parents/guardians called school counselor                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5588 |
| 1           | F1D32M        | Parents/guardians offered to arrange for outside counseling        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5590 |
| 1           | F1D33A        | Looked into alternative school in past 2 years                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5592 |
| 1           | F1D33B        | Saw counselor/social worker in past 2 years                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5594 |
| 1           | F1D33C        | Went to youth center/outreach program in past 2 years              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5596 |
| 1           | F1D33D        | Went to family counseling in past 2 years                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5598 |
| 1           | F1D33E        | Did work for religious group in past 2 years                       | F1 Dropout Questionnaire | Rec #: 1, Pos: 5600 |
| 1           | F1D33F        | In drug rehabilitation program in past 2 years                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5602 |
| 1           | F1D33G        | In alcohol rehabilitation program in past 2 years                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5604 |
| 1           | F1D33H        | Failed competency test required for graduation in past 2 years     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5606 |
| 1           | F1D33I        | Held back a grade in past 2 years                                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5608 |
| 1           | F1D33J        | Failed a course in past 2 years                                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5610 |
| 1           | F1D34         | Participated in an alternative program                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5612 |
| 1           | F1D35         | Month and year entered most recent alternative program             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5614 |
| 1           | F1D36         | Still enrolled in alternative program                              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5620 |
| 1           | F1D37         | Month and year left/completed most recent alternative program      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5622 |
| 1           | F1D38A        | Parents referred you to this alternative program                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5628 |
| 1           | F1D38B        | Siblings referred you to this alternative program                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5630 |
| 1           | F1D38C        | Teacher referred you to this alternative program                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5632 |
| 1           | F1D38D        | School principal referred you to this alternative program          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5634 |
| 1           | F1D38E        | School counselor referred you to this alternative program          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5636 |
| 1           | F1D38F        | Friend referred you to this alternative program                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5638 |
| 1           | F1D38G        | Relative referred you to this alternative program                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5640 |
| 1           | F1D38I        | Social worker/clergy referred you to this alternative program      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5642 |
| 1           | F1D38J        | Adult friend/acquaintance referred you to this alternative program | F1 Dropout Questionnaire | Rec #: 1, Pos: 5644 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description      | Position            |
|-------------|---------------|-----------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D38K        | Respondent referred self to this alternative program                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5646 |
| 1           | F1D39A        | Received special instructional programs from this program             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5648 |
| 1           | F1D39B        | Received vocational/technical/trade skills training from this program | F1 Dropout Questionnaire | Rec #: 1, Pos: 5650 |
| 1           | F1D39C        | Received tutoring by teachers from this program                       | F1 Dropout Questionnaire | Rec #: 1, Pos: 5652 |
| 1           | F1D39D        | Received tutoring by other students from this program                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5654 |
| 1           | F1D39E        | Received rewards for attendance/class performance from this program   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5656 |
| 1           | F1D39F        | Received individual/group counseling from this program                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5658 |
| 1           | F1D39G        | Received career counseling from this program                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5660 |
| 1           | F1D39H        | Received job placement assistance from this program                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5662 |
| 1           | F1D39I        | Received health care or referrals from this program                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5664 |
| 1           | F1D39J        | Received childcare from this program                                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5666 |
| 1           | F1D40         | Number of alternative programs participated in                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5668 |
| 1           | F1D41         | Plan to get GED or high school diploma                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5670 |
| 1           | F1D42         | Program in which GED was earned (DO) - restricted                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5672 |
| 1           | F1D42A        | Other way in which GED was earned (DO) - restricted                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5674 |
| 1           | F1D43A        | Completed GED to improve/advance/keep up to date on current job (DO)  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5734 |
| 1           | F1D43B        | Completed GED to train for new job/career (DO)                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5736 |
| 1           | F1D43C        | Completed GED to improve basic reading writing or math skills (DO)    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5738 |
| 1           | F1D43D        | Completed GED to meet requirements for additional study (DO)          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5740 |
| 1           | F1D43E        | Completed GED because required or encouraged by employer (DO)         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5742 |
| 1           | F1D43F        | Completed GED because of personal/family/social reasons (DO)          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5744 |
| 1           | F1D44         | State where GED/equivalency was earned (DO) - restricted              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5746 |
| 1           | F1D45         | Month and year when received GED/equivalency (DO)                     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5748 |
| 1           | F1D46         | Currently taking class to prepare for GED examination                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5754 |
| 1           | F1D47A        | Plan to go back to school to get high school diploma                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5765 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description      | Position            |
|-------------|---------------|--------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D47B        | Plan to enroll in class to prepare for GED or equivalent     | F1 Dropout Questionnaire | Rec #: 1, Pos: 5767 |
| 1           | F1D48         | Month and year expects to receive high school diploma/GED    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5769 |
| 1           | F1D49A        | Use of public library for leisure reading (DO)               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5775 |
| 1           | F1D49B        | Use of public library to read magazines/newspaper (DO)       | F1 Dropout Questionnaire | Rec #: 1, Pos: 5777 |
| 1           | F1D49C        | Use of public library to read books for fun (DO)             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5779 |
| 1           | F1D49D        | Use of public library for personal interests (DO)            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5781 |
| 1           | F1D49E        | Use of public library for Internet access (DO)               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5783 |
| 1           | F1D50         | Hours/week spent reading (DO)                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5785 |
| 1           | F1D51A        | Hours/day spent watching TV/DVD on weekdays (DO)             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5787 |
| 1           | F1D51B        | Hours/day spent watching TV/DVD on weekends (DO)             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5789 |
| 1           | F1D52A        | Hours/day plays video/computer games on weekdays (DO)        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5791 |
| 1           | F1D52B        | Hours/day plays video/computer games on weekends (DO)        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5793 |
| 1           | F1D53         | Hours/day uses computer (DO)                                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5795 |
| 1           | F1D54A        | How often uses computer at home (DO)                         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5797 |
| 1           | F1D54B        | How often uses computer at public library (DO)               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5799 |
| 1           | F1D54C        | How often uses computer at friend's house (DO)               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5801 |
| 1           | F1D54D        | How often uses computer at another place (DO)                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5803 |
| 1           | F1D55A        | How often visits with friends at local hangout (DO)          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5805 |
| 1           | F1D55B        | How often works on hobbies (DO)                              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5807 |
| 1           | F1D55C        | How often performs community services (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5809 |
| 1           | F1D55D        | How often drives or rides around (DO)                        | F1 Dropout Questionnaire | Rec #: 1, Pos: 5811 |
| 1           | F1D55E        | How often talks on phone with friends (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5813 |
| 1           | F1D55F        | How often takes music, art, language class (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5815 |
| 1           | F1D55G        | How often takes sports lessons (DO)                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 5817 |
| 1           | F1D55H        | How often plays sports (DO)                                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5819 |
| 1           | F1D55I        | How often talks with friends/relatives via the Internet (DO) | F1 Dropout Questionnaire | Rec #: 1, Pos: 5821 |
| 1           | F1D56A        | Importance of being successful in line work (DO)             | F1 Dropout Questionnaire | Rec #: 1, Pos: 5823 |
| 1           | F1D56B        | Importance of marrying right person/having happy family (DO) | F1 Dropout Questionnaire | Rec #: 1, Pos: 5825 |
| 1           | F1D56C        | Importance of having lots of money (DO)                      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5827 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------------|--------------------------|---------------------|
| 1           | F1D56D        | Importance of having strong friendships (DO)                      | F1 Dropout Questionnaire | Rec #: 1, Pos: 5829 |
| 1           | F1D56E        | Importance of being able to find steady work (DO)                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5831 |
| 1           | F1D56F        | Importance of helping others in community (DO)                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5833 |
| 1           | F1D56G        | Importance of giving children better opportunities (DO)           | F1 Dropout Questionnaire | Rec #: 1, Pos: 5835 |
| 1           | F1D56H        | Importance of living close to parents/relatives (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5837 |
| 1           | F1D56I        | Importance of getting away from this area (DO)                    | F1 Dropout Questionnaire | Rec #: 1, Pos: 5839 |
| 1           | F1D56J        | Importance of working to correct inequalities (DO)                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5841 |
| 1           | F1D56K        | Importance of having children (DO)                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5843 |
| 1           | F1D56L        | Importance of having leisure time (DO)                            | F1 Dropout Questionnaire | Rec #: 1, Pos: 5845 |
| 1           | F1D56M        | Importance of being expert in field of work (DO)                  | F1 Dropout Questionnaire | Rec #: 1, Pos: 5847 |
| 1           | F1D56N        | Importance of getting good education (DO)                         | F1 Dropout Questionnaire | Rec #: 1, Pos: 5849 |
| 1           | F1D56O        | Importance of getting good job (DO)                               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5851 |
| 1           | F1D56P        | Importance of being an active/informed citizen (DO)               | F1 Dropout Questionnaire | Rec #: 1, Pos: 5853 |
| 1           | F1D56Q        | Importance of supporting environmental causes (DO)                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5855 |
| 1           | F1D56R        | Importance of being patriotic (DO)                                | F1 Dropout Questionnaire | Rec #: 1, Pos: 5857 |
| 1           | F1D57         | How far in school respondent thinks will get (DO)                 | F1 Dropout Questionnaire | Rec #: 1, Pos: 5859 |
| 1           | F1D58A        | How far in school mother wants respondent to go (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5861 |
| 1           | F1D58B        | How far in school father wants respondent to go (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 5863 |
| 1           | F1D59         | Number of jobs held since left high school (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 5865 |
| 1           | F1D60         | Current/most recent job or occupation (DO) - restricted           | F1 Dropout Questionnaire | Rec #: 1, Pos: 5867 |
| 1           | F1D61         | Month and year started working at this job (DO)                   | F1 Dropout Questionnaire | Rec #: 1, Pos: 6017 |
| 1           | F1D62         | Still have this job (DO)                                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 6023 |
| 1           | F1D63         | Month and year left most recent job (DO)                          | F1 Dropout Questionnaire | Rec #: 1, Pos: 6025 |
| 1           | F1D64         | Current/most recent pay per hour (DO)                             | F1 Dropout Questionnaire | Rec #: 1, Pos: 6031 |
| 1           | F1D65         | Number of hours/week usually worked at this job (DO)              | F1 Dropout Questionnaire | Rec #: 1, Pos: 6033 |
| 1           | F1D66         | Occupation expects to have at age 30-verbatim (DO) - restricted   | F1 Dropout Questionnaire | Rec #: 1, Pos: 6035 |
| 1           | F1D67         | Education respondent thinks will be needed for job at age 30 (DO) | F1 Dropout Questionnaire | Rec #: 1, Pos: 6185 |
| 1           | F1D68         | Performed unpaid volunteer/community service work (DO)            | F1 Dropout Questionnaire | Rec #: 1, Pos: 6187 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description             | Position            |
|-------------|---------------|--------------------------------------------------------------------|---------------------------------|---------------------|
| 1           | F1D69A        | How many friends dropped out of high school (DO)                   | F1 Dropout Questionnaire        | Rec #: 1, Pos: 6189 |
| 1           | F1D69B        | How many friends plan to have full-time job after high school (DO) | F1 Dropout Questionnaire        | Rec #: 1, Pos: 6191 |
| 1           | F1D69C        | How many friends plan to attend 2-year community college (DO)      | F1 Dropout Questionnaire        | Rec #: 1, Pos: 6193 |
| 1           | F1D69D        | How many friends plan to attend 4-year college/university (DO)     | F1 Dropout Questionnaire        | Rec #: 1, Pos: 6195 |
| 1           | F1T15         | When began going to transfer school                                | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6197 |
| 1           | F1T16A        | Transferred because family moved                                   | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6199 |
| 1           | F1T16B        | Transferred for programs/offerings                                 | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6201 |
| 1           | F1T16C        | Transferred for quality of instruction                             | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6203 |
| 1           | F1T16D        | Transferred because did not feel safe at other school              | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6205 |
| 1           | F1T16E        | Transferred for other reasons                                      | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6207 |
| 1           | F1T16ETX      | Other reasons for transferring (restricted)                        | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6209 |
| 1           | F1T16ECD      | Transferred for other reasons code (restricted)                    | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6359 |
| 1           | F1T17A        | Students get along well with teachers at transfer school           | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6361 |
| 1           | F1T17B        | There is real school spirit at transfer school                     | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6363 |
| 1           | F1T17C        | The teaching is good at transfer school                            | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6365 |
| 1           | F1T17D        | Teachers are interested in the students at transfer school         | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6367 |
| 1           | F1T17E        | Teachers praise effort at transfer school                          | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6369 |
| 1           | F1T17F        | Does not feel safe at transfer school                              | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6371 |
| 1           | F1T17G        | Disruptions get in way of learning at transfer school              | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6373 |
| 1           | F1T17H        | Misbehaving students often get away with it at transfer school     | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6375 |
| 1           | F1T17I        | There are gangs in transfer school                                 | F1 Transfer Questionnaire       | Rec #: 1, Pos: 6377 |
| 1           | F1E20         | Month and year last attended school (EG)                           | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6379 |
| 1           | F1E21         | Grade when last attended school (EG)                               | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6385 |
| 1           | F1E22A        | Left school because got a job (EG)                                 | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6387 |
| 1           | F1E22B        | Left school because did not like school (EG)                       | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6389 |
| 1           | F1E22C        | Left school because could not get along with teachers (EG)         | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6391 |
| 1           | F1E22D        | Left school because could not get along with other students (EG)   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6393 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description             | Position            |
|-------------|---------------|------------------------------------------------------------------------|---------------------------------|---------------------|
| 1           | F1E22E        | Left school because was pregnant (EG)                                  | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6395 |
| 1           | F1E22F        | Left school because became father/mother of a baby (EG)                | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6397 |
| 1           | F1E22G        | Left school because had to support family (EG)                         | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6399 |
| 1           | F1E22H        | Left school because was suspended (EG)                                 | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6401 |
| 1           | F1E22I        | Left school because did not feel safe (EG)                             | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6403 |
| 1           | F1E22J        | Left school to care for a member of family (EG)                        | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6405 |
| 1           | F1E22K        | Left school because was expelled (EG)                                  | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6407 |
| 1           | F1E22L        | Left school because did not feel belonged there (EG)                   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6409 |
| 1           | F1E22M        | Left school because could not keep up with schoolwork (EG)             | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6411 |
| 1           | F1E22N        | Left school because was getting poor grades/failing school (EG)        | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6413 |
| 1           | F1E22O        | Left school because got married/planned to get married (EG)            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6415 |
| 1           | F1E22P        | Left school because changed schools and did not like new one (EG)      | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6417 |
| 1           | F1E22Q        | Left school because could not work at same time (EG)                   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6419 |
| 1           | F1E22R        | Left school because thought would fail competency test (EG)            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6421 |
| 1           | F1E22S        | Left school because thought couldn't complete course requirements (EG) | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6423 |
| 1           | F1E22T        | Left school because thought it would be easier to get GED (EG)         | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6425 |
| 1           | F1E22U        | Left school because missed too many school days (EG)                   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6427 |
| 1           | F1E23         | Feels that leaving school was a good decision (EG)                     | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6429 |
| 1           | F1E24         | Program in which GED was earned (EG)                                   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6431 |
| 1           | F1E24A        | Other way in which GED was earned (EG) - restricted                    | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6433 |
| 1           | F1E25A        | Completed GED to improve/advance/keep up to date on current job (EG)   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6583 |
| 1           | F1E25B        | Completed GED to train for new job/career (EG)                         | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6585 |
| 1           | F1E25C        | Completed GED to improve basic reading writing or math skills (EG)     | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6587 |
| 1           | F1E25D        | Completed GED to meet requirements for additional study (EG)           | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6589 |
| 1           | F1E25E        | Completed GED because required or encouraged by employer (EG)          | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6591 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description             | Position            |
|-------------|---------------|---------------------------------------------------------------------|---------------------------------|---------------------|
| 1           | F1E25F        | Completed GED because of personal/family/social reasons (EG)        | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6593 |
| 1           | F1E26         | State where GED/equivalency was earned (EG) - restricted            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6595 |
| 1           | F1E27         | Month and year graduated/received equivalency from high school (EG) | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6597 |
| 1           | F1E28A        | Graduated early to gain early admission to college                  | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6603 |
| 1           | F1E28B        | Graduated early to start a job                                      | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6605 |
| 1           | F1E28C        | Graduated early to join military                                    | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6607 |
| 1           | F1E28D        | Graduated early because bored with high school                      | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6609 |
| 1           | F1E28E        | Graduated early to move to another city                             | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6611 |
| 1           | F1E28F        | Graduated early to start a family                                   | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6613 |
| 1           | F1E38D        | How often uses a computer at an educational institution             | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6615 |
| 1           | F1E43         | Enrolled in an educational institution since high school            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6617 |
| 1           | F1E49         | Number of jobs held since left high school (EG)                     | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6619 |
| 1           | F1E50         | Current/most recent job or occupation (EG) - restricted             | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6621 |
| 1           | F1E51         | Month and year started working at this job (EG)                     | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6771 |
| 1           | F1E52         | Still have this job (EG)                                            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6777 |
| 1           | F1E53         | Month and year left most recent job (EG)                            | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6779 |
| 1           | F1E54         | Current/most recent pay per hour (EG)                               | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6785 |
| 1           | F1E55         | Number of hours/week usually worked at this job (EG)                | F1 Early Graduate Questionnaire | Rec #: 1, Pos: 6787 |
| 1           | F1N02         | Sex                                                                 | F1 New Participant Supplement   | Rec #: 1, Pos: 6789 |
| 1           | F1N03         | Student is Hispanic                                                 | F1 New Participant Supplement   | Rec #: 1, Pos: 6791 |
| 1           | F1N04         | Student's Hispanic subdivision (restricted)                         | F1 New Participant Supplement   | Rec #: 1, Pos: 6793 |
| 1           | F1N05A        | Student is White (restricted)                                       | F1 New Participant Supplement   | Rec #: 1, Pos: 6795 |
| 1           | F1N05B        | Student is Black/African American (restricted)                      | F1 New Participant Supplement   | Rec #: 1, Pos: 6797 |
| 1           | F1N05C        | Student is Asian (restricted)                                       | F1 New Participant Supplement   | Rec #: 1, Pos: 6799 |
| 1           | F1N05D        | Student is Native Hawaiian/Pacific Islander (restricted)            | F1 New Participant Supplement   | Rec #: 1, Pos: 6801 |
| 1           | F1N05E        | Student is American Indian/Alaska Native (restricted)               | F1 New Participant Supplement   | Rec #: 1, Pos: 6803 |
| 1           | F1N06         | Student's Asian subdivision (restricted)                            | F1 New Participant Supplement   | Rec #: 1, Pos: 6805 |
| 1           | F1N07         | English is student's native language                                | F1 New Participant Supplement   | Rec #: 1, Pos: 6807 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description           | Position            |
|-------------|---------------|----------------------------------------------------------------------|-------------------------------|---------------------|
| 1           | F1N08         | Student's native language (restricted)                               | F1 New Participant Supplement | Rec #: 1, Pos: 6809 |
| 1           | F1N09A        | How well respondent understands spoken English                       | F1 New Participant Supplement | Rec #: 1, Pos: 6811 |
| 1           | F1N09B        | How well respondent speaks English                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6813 |
| 1           | F1N09C        | How well respondent reads English                                    | F1 New Participant Supplement | Rec #: 1, Pos: 6815 |
| 1           | F1N09D        | How well respondent writes English                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6817 |
| 1           | F1N11         | Ever held back a grade                                               | F1 New Participant Supplement | Rec #: 1, Pos: 6819 |
| 1           | F1N12A        | Repeated kindergarten                                                | F1 New Participant Supplement | Rec #: 1, Pos: 6821 |
| 1           | F1N12B        | Repeated 1st grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6823 |
| 1           | F1N12C        | Repeated 2nd grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6825 |
| 1           | F1N12D        | Repeated 3rd grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6827 |
| 1           | F1N12E        | Repeated 4th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6829 |
| 1           | F1N12F        | Repeated 5th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6831 |
| 1           | F1N12G        | Repeated 6th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6833 |
| 1           | F1N12H        | Repeated 7th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6835 |
| 1           | F1N12I        | Repeated 8th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6837 |
| 1           | F1N12J        | Repeated 9th grade                                                   | F1 New Participant Supplement | Rec #: 1, Pos: 6839 |
| 1           | F1N12K        | Repeated 10th grade                                                  | F1 New Participant Supplement | Rec #: 1, Pos: 6841 |
| 1           | F1N12L        | Repeated 11th grade                                                  | F1 New Participant Supplement | Rec #: 1, Pos: 6843 |
| 1           | F1N12M        | Repeated 12th grade                                                  | F1 New Participant Supplement | Rec #: 1, Pos: 6845 |
| 1           | F1N13A        | Mother lives in same household at least half the time                | F1 New Participant Supplement | Rec #: 1, Pos: 6847 |
| 1           | F1N13B        | Father lives in same household at least half the time                | F1 New Participant Supplement | Rec #: 1, Pos: 6849 |
| 1           | F1N13C        | Other female guardian lives in same household at least half the time | F1 New Participant Supplement | Rec #: 1, Pos: 6851 |
| 1           | F1N13D        | Other male guardian lives in same household at least half the time   | F1 New Participant Supplement | Rec #: 1, Pos: 6853 |
| 1           | F1N14A        | Mother/female guardian's occupation-verbatim (restricted)            | F1 New Participant Supplement | Rec #: 1, Pos: 6855 |
| 1           | F1N14B        | Mother/female guardian's main job duties-verbatim (restricted)       | F1 New Participant Supplement | Rec #: 1, Pos: 6930 |
| 1           | F1N15A        | Father/male guardian's occupation-verbatim (restricted)              | F1 New Participant Supplement | Rec #: 1, Pos: 7100 |
| 1           | F1N15B        | Father/male guardian's main job duties-verbatim (restricted)         | F1 New Participant Supplement | Rec #: 1, Pos: 7165 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description           | Position            |
|-------------|---------------|---------------------------------------------------------------------|-------------------------------|---------------------|
| 1           | F1N16A        | Mother's highest level of education                                 | F1 New Participant Supplement | Rec #: 1, Pos: 7320 |
| 1           | F1N16B        | Father's highest level of education                                 | F1 New Participant Supplement | Rec #: 1, Pos: 7322 |
| 1           | F1N17A        | Family has a daily newspaper                                        | F1 New Participant Supplement | Rec #: 1, Pos: 7324 |
| 1           | F1N17B        | Family has regularly received magazine                              | F1 New Participant Supplement | Rec #: 1, Pos: 7326 |
| 1           | F1N17C        | Family has a computer                                               | F1 New Participant Supplement | Rec #: 1, Pos: 7328 |
| 1           | F1N17D        | Family has access to the Internet                                   | F1 New Participant Supplement | Rec #: 1, Pos: 7330 |
| 1           | F1N17E        | Family has DVD player                                               | F1 New Participant Supplement | Rec #: 1, Pos: 7332 |
| 1           | F1N17F        | Family has an electric dishwasher                                   | F1 New Participant Supplement | Rec #: 1, Pos: 7334 |
| 1           | F1N17G        | Family has a clothes dryer                                          | F1 New Participant Supplement | Rec #: 1, Pos: 7336 |
| 1           | F1N17H        | Family has more than 50 books                                       | F1 New Participant Supplement | Rec #: 1, Pos: 7338 |
| 1           | F1N17I        | Has own room                                                        | F1 New Participant Supplement | Rec #: 1, Pos: 7340 |
| 1           | F1N17J        | Family has fax machine                                              | F1 New Participant Supplement | Rec #: 1, Pos: 7342 |
| 1           | F2PHSDG       | Type of HS credential received-diploma/certificate/GED - F2 preload | F2 Survey (High School)       | Rec #: 1, Pos: 7344 |
| 1           | F2PHSDT       | Year/month received diploma, certificate or GED - F2 preload        | F2 Survey (High School)       | Rec #: 1, Pos: 7346 |
| 1           | F2A01         | Has received diploma, certificate, GED or equivalency               | F2 Survey (High School)       | Rec #: 1, Pos: 7352 |
| 1           | F2A02         | Type of high school credential received-diploma/certificate/GED     | F2 Survey (High School)       | Rec #: 1, Pos: 7354 |
| 1           | F2A03         | Year/month received diploma, certificate or GED                     | F2 Survey (High School)       | Rec #: 1, Pos: 7356 |
| 1           | F2A04         | Program in which GED was earned                                     | F2 Survey (High School)       | Rec #: 1, Pos: 7362 |
| 1           | F2A04A        | Program in which GED was earned-other specify                       | F2 Survey (High School)       | Rec #: 1, Pos: 7364 |
| 1           | F2A05         | State where GED/equivalency was earned                              | F2 Survey (High School)       | Rec #: 1, Pos: 7424 |
| 1           | F2A06A        | Completed GED to improve/advance/keep up to date on current job     | F2 Survey (High School)       | Rec #: 1, Pos: 7426 |
| 1           | F2A06B        | Completed GED to train for a new job/career                         | F2 Survey (High School)       | Rec #: 1, Pos: 7428 |
| 1           | F2A06C        | Completed GED to improve basic reading, writing, or math skills     | F2 Survey (High School)       | Rec #: 1, Pos: 7430 |
| 1           | F2A06D        | Completed GED to meet requirements for additional study             | F2 Survey (High School)       | Rec #: 1, Pos: 7432 |
| 1           | F2A06E        | Completed GED because required or encouraged by employer            | F2 Survey (High School)       | Rec #: 1, Pos: 7434 |
| 1           | F2A06F        | Completed GED because of personal/family/social reasons             | F2 Survey (High School)       | Rec #: 1, Pos: 7436 |
| 1           | F2A07         | Current high school activity                                        | F2 Survey (High School)       | Rec #: 1, Pos: 7438 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description                 | Position            |
|-------------|---------------|-----------------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2A08         | Current/last high school grade level                                  | F2 Survey (High School)             | Rec #: 1, Pos: 7440 |
| 1           | F2A09         | Plans to get GED or high school diploma/certificate                   | F2 Survey (High School)             | Rec #: 1, Pos: 7442 |
| 1           | F2A10         | Year/month expects to receive high school diploma/certificate/GED     | F2 Survey (High School)             | Rec #: 1, Pos: 7444 |
| 1           | F2A11         | Year/month last attended high school                                  | F2 Survey (High School)             | Rec #: 1, Pos: 7450 |
| 1           | F2A12         | Grade level in spring 2004                                            | F2 Survey (High School)             | Rec #: 1, Pos: 7456 |
| 1           | F2A13         | Whether out of school for 4 or more weeks in a row in spring 2004     | F2 Survey (High School)             | Rec #: 1, Pos: 7458 |
| 1           | F2A14A        | Left school because got a job                                         | F2 Survey (High School)             | Rec #: 1, Pos: 7460 |
| 1           | F2A14B        | Left school because did not like school                               | F2 Survey (High School)             | Rec #: 1, Pos: 7462 |
| 1           | F2A14C        | Left school because could not get along with teachers/students        | F2 Survey (High School)             | Rec #: 1, Pos: 7464 |
| 1           | F2A14D        | Left school because was pregnant or became mother/father              | F2 Survey (High School)             | Rec #: 1, Pos: 7466 |
| 1           | F2A14E        | Left school because had to support family or care for family member   | F2 Survey (High School)             | Rec #: 1, Pos: 7468 |
| 1           | F2A14F        | Left school because was suspended or expelled                         | F2 Survey (High School)             | Rec #: 1, Pos: 7470 |
| 1           | F2A14G        | Left school because did not feel safe                                 | F2 Survey (High School)             | Rec #: 1, Pos: 7472 |
| 1           | F2A14H        | Left school because did not feel belonged there                       | F2 Survey (High School)             | Rec #: 1, Pos: 7474 |
| 1           | F2A14I        | Left school because could not keep up with schoolwork                 | F2 Survey (High School)             | Rec #: 1, Pos: 7476 |
| 1           | F2A14J        | Left school because was getting poor grades/failing school            | F2 Survey (High School)             | Rec #: 1, Pos: 7478 |
| 1           | F2A14K        | Left school because could not work at same time                       | F2 Survey (High School)             | Rec #: 1, Pos: 7480 |
| 1           | F2A14L        | Left school because couldn't complete courses or pass competency test | F2 Survey (High School)             | Rec #: 1, Pos: 7482 |
| 1           | F2A14M        | Left school because thought it would be easier to get GED             | F2 Survey (High School)             | Rec #: 1, Pos: 7484 |
| 1           | F2A14N        | Left school because missed too many school days                       | F2 Survey (High School)             | Rec #: 1, Pos: 7486 |
| 1           | F2B01         | Ever applied to postsecondary school                                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7488 |
| 1           | F2B02         | When applied to postsecondary school                                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7490 |
| 1           | F2B03         | Number of postsecondary schools applied to                            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7492 |
| 1           | F2B03_P       | Number of postsecondary schools applied to                            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7494 |
| 1           | F2B04         | Whether applied for financial aid                                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7496 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description                 | Position            |
|-------------|---------------|-----------------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2B05A        | Did not apply for aid because application process too difficult       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7498 |
| 1           | F2B05B        | Did not apply for aid because thought to be ineligible                | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7500 |
| 1           | F2B05C        | Did not apply for aid because loan payback not affordable             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7502 |
| 1           | F2B05D        | Did not apply for aid because able to pay without aid                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7504 |
| 1           | F2B05E        | Did not apply for aid because did not want to report info             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7506 |
| 1           | F2B05F        | Did not apply for aid because offered aid without applying            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7508 |
| 1           | F2B05G        | Did not apply for aid because of other reason                         | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7510 |
| 1           | F2B06         | Offered financial aid usable at more than one school                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7512 |
| 1           | F2B07         | Whether has ever attended postsecondary school                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7514 |
| 1           | F2B08A        | Did not continue education after HS because do not like school        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7516 |
| 1           | F2B08B        | Did not continue education after HS because grades not high           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7518 |
| 1           | F2B08C        | Did not continue education after HS because scores not high           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7520 |
| 1           | F2B08D        | Did not continue educ after high school because won't need more educ  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7522 |
| 1           | F2B08E        | Did not continue education after HS because cannot afford school      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7524 |
| 1           | F2B08F        | Did not continue education after HS because rather work/make money    | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7526 |
| 1           | F2B08G        | Did not continue education after HS because school not important      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7528 |
| 1           | F2B08H        | Did not continue education after HS for family reasons                | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7530 |
| 1           | F2B08I        | Did not continue education after HS because have a good job           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7532 |
| 1           | F2B08J        | Did not continue education after HS because was not accepted          | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7534 |
| 1           | F2B08K        | Did not continue education after HS because of traumatic experience   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7536 |
| 1           | F2B08L        | Did not continue education after HS because of health reasons         | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7538 |
| 1           | F2B08N        | Did not continue education after HS because incarcerated/other reason | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7540 |
| 1           | F2B08NA       | Did not continue education after HS because of specified reason       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7542 |
| 1           | F2B09         | Main reason has not continued education after high school             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7612 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description                 | Position            |
|-------------|---------------|-----------------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2B10         | Number of postsecondary schools attended since high school            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7614 |
| 1           | F2B10_P       | Number of postsecondary schools attended since high school            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7616 |
| 1           | F2B11A        | Delayed continuing educ because could not afford school               | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7618 |
| 1           | F2B11B        | Delayed continuing educ because needed to earn money                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7620 |
| 1           | F2B11C        | Delayed continuing educ because not enough financial aid              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7622 |
| 1           | F2B11D        | Delayed continuing educ because was not accepted                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7624 |
| 1           | F2B11E        | Delayed continuing educ because needed to improve acad qualifications | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7626 |
| 1           | F2B11F        | Delayed continuing educ because school was deferred                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7628 |
| 1           | F2B11G        | Delayed continuing educ because wanted to work                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7630 |
| 1           | F2B11H        | Delayed continuing educ because wanted to serve in military           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7632 |
| 1           | F2B11I        | Delayed continuing educ for family reasons                            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7634 |
| 1           | F2B11J        | Delayed continuing educ because wanted to travel or pursue interests  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7636 |
| 1           | F2B11K        | Delayed continuing educ because of traumatic experience               | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7638 |
| 1           | F2B11L        | Delayed continuing educ because of health reasons                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7640 |
| 1           | F2B11N        | Delayed continuing educ b/c incarcerated/other reason                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7642 |
| 1           | F2B11NA       | Delayed continuing educ because of specified reason                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7644 |
| 1           | F2B12         | Main reason delayed continuing education                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7714 |
| 1           | F2B13A        | Chose school for program                                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7716 |
| 1           | F2B13B        | Chose school for reputation                                           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7718 |
| 1           | F2B13C        | Chose school for cost                                                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7720 |
| 1           | F2B13D        | Chose school for location                                             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7722 |
| 1           | F2B13E        | Chose school for personal or family reasons                           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7724 |
| 1           | F2B13F        | Chose school for another reason                                       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7726 |
| 1           | F2B14         | Main reason chose school                                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7728 |
| 1           | F2B15         | Field of study most likely to pursue upon entering                    | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7730 |
| 1           | F2B16A        | Took remedial course to improve reading skills                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7732 |
| 1           | F2B16B        | Took remedial course to improve writing skills                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7734 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description                 | Position            |
|-------------|---------------|----------------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2B16C        | Took remedial course to improve math skills                          | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7736 |
| 1           | F2B17A        | High school math prepared for first postsecondary school             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7738 |
| 1           | F2B17B        | High school science prepared for first postsecondary school          | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7740 |
| 1           | F2B17C        | High school English/writing prepared for first postsecondary school  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7742 |
| 1           | F2B17D        | High school voc/tech courses prepared for first postsecondary school | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7744 |
| 1           | F2B18A        | Talk with faculty about academic matters outside of class            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7746 |
| 1           | F2B18B        | Meet with advisor about academic plans                               | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7748 |
| 1           | F2B18C        | Work on coursework at school library                                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7750 |
| 1           | F2B18D        | Use the web to access school library for coursework                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7752 |
| 1           | F2B18E        | Participate in intramural or nonvarsity sports                       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7754 |
| 1           | F2B18F        | Participate in varsity or intercollegiate sports                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7756 |
| 1           | F2B18G        | Participate in other extracurricular activities                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7758 |
| 1           | F2B19A        | Took a break because completed degree or certificate                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7760 |
| 1           | F2B19B        | Took a break because finished taking desired classes                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7762 |
| 1           | F2B19C        | Took a break because of academic problems                            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7764 |
| 1           | F2B19D        | Took a break because classes not available/convenient                | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7766 |
| 1           | F2B19E        | Took a break because of dissatisfaction with school                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7768 |
| 1           | F2B19F        | Took a break because of financial reasons                            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7770 |
| 1           | F2B19G        | Took a break because of family responsibilities                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7772 |
| 1           | F2B19H        | Took a break for personal health reasons                             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7774 |
| 1           | F2B19I        | Took a break because called for military service                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7776 |
| 1           | F2B19J        | Took a break because of a traumatic experience                       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7778 |
| 1           | F2B19K        | Took a break for another reason                                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7780 |
| 1           | F2B20A        | Enrolled part-time for financial reasons                             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7782 |
| 1           | F2B20B        | Enrolled part-time because full-time program was not available       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7784 |
| 1           | F2B20C        | Enrolled part-time because of family responsibilities                | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7786 |
| 1           | F2B20D        | Enrolled part-time because working                                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7788 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description                 | Position            |
|-------------|---------------|-------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2B20E        | Enrolled part-time because of other interests/hobbies       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7790 |
| 1           | F2B20F        | Enrolled part-time for personal health reasons              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7792 |
| 1           | F2B20G        | Enrolled part-time because of a traumatic experience        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7794 |
| 1           | F2B20H        | Enrolled part-time for another reason                       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7796 |
| 1           | F2B21A        | Transferred because completed degree or certificate         | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7798 |
| 1           | F2B21B        | Transferred because finished classes                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7800 |
| 1           | F2B21C        | Transferred to pursue bachelor's degree                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7802 |
| 1           | F2B21D        | Transferred due to academic problems                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7804 |
| 1           | F2B21E        | Transferred due to scheduling problems                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7806 |
| 1           | F2B21F        | Transferred due to dissatisfaction with school              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7808 |
| 1           | F2B21G        | Transferred because of location                             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7810 |
| 1           | F2B21H        | Transferred for financial reasons                           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7812 |
| 1           | F2B21I        | Transferred due to family responsibilities                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7814 |
| 1           | F2B21J        | Transferred due to personal health reasons                  | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7816 |
| 1           | F2B21K        | Transferred because of a traumatic experience               | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7818 |
| 1           | F2B21L        | Transferred for another reason                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7820 |
| 1           | F2B22         | Major declared/undeclared                                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7822 |
| 1           | F2B23A        | Major - primary string                                      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7824 |
| 1           | F2B24         | Major - secondary string                                    | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7904 |
| 1           | F2B25A        | Postsecondary education paid with grants/scholarships       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7984 |
| 1           | F2B25B        | Postsecondary education paid with student loans             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7986 |
| 1           | F2B25C        | Postsecondary education paid with parent loans              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7988 |
| 1           | F2B25D        | Postsecondary education paid with college work-study        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7990 |
| 1           | F2B25E        | Postsecondary education paid with savings/job earnings      | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7992 |
| 1           | F2B25F        | Postsecondary education paid with contributions from family | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7994 |
| 1           | F2B25G        | Postsecondary education paid with employer assistance       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7996 |
| 1           | F2B25H        | Postsecondary education paid another way                    | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 7998 |
| 1           | F2B26R        | Amount borrowed for undergraduate loans                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8000 |
| 1           | F2B26P        | Amount borrowed for undergraduate loans - categorical       | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8007 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description                 | Position            |
|-------------|---------------|-----------------------------------------------------------------------|-------------------------------------|---------------------|
| 1           | F2B27         | Whether parents helping to repay loans                                | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8009 |
| 1           | F2B28R        | Amount expects in undergraduate student loans in future               | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8011 |
| 1           | F2B28P        | Amount expects in undergraduate student loans in future - categorical | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8018 |
| 1           | F2B29A        | No longer enrolled due to completion of degree/certificate            | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8020 |
| 1           | F2B29B        | No longer enrolled due to finishing desired classes                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8022 |
| 1           | F2B29C        | No longer enrolled due to academic problems                           | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8024 |
| 1           | F2B29D        | No longer enrolled due to scheduling problems                         | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8026 |
| 1           | F2B29E        | No longer enrolled due to dissatisfaction with school                 | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8028 |
| 1           | F2B29F        | No longer enrolled for financial reasons                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8030 |
| 1           | F2B29G        | No longer enrolled due to family responsibilities                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8032 |
| 1           | F2B29H        | No longer enrolled due to personal health reasons                     | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8034 |
| 1           | F2B29I        | No longer enrolled due to call for military service                   | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8036 |
| 1           | F2B29J        | No longer enrolled due to traumatic experience                        | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8038 |
| 1           | F2B29K        | No longer enrolled due to another reason                              | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8040 |
| 1           | F2B30         | Highest level of education respondent expects to complete             | F2 Survey (Postsecondary Education) | Rec #: 1, Pos: 8042 |
| 1           | F2C01         | Ever held a job since leaving high school                             | F2 Survey (Employment)              | Rec #: 1, Pos: 8044 |
| 1           | F2C02         | Whether held job between high school/first postsecondary attendance   | F2 Survey (Employment)              | Rec #: 1, Pos: 8046 |
| 1           | F2C03A        | First job after high school - title                                   | F2 Survey (Employment)              | Rec #: 1, Pos: 8048 |
| 1           | F2C03B        | First job after high school - duties                                  | F2 Survey (Employment)              | Rec #: 1, Pos: 8118 |
| 1           | F2C04R        | Year/month started first job after high school                        | F2 Survey (Employment)              | Rec #: 1, Pos: 8188 |
| 1           | F2C04P        | Year/quarter started first job after high school                      | F2 Survey (Employment)              | Rec #: 1, Pos: 8194 |
| 1           | F2C04P2       | Year started first job after high school                              | F2 Survey (Employment)              | Rec #: 1, Pos: 8199 |
| 1           | F2C05R        | Hours per week on first job after high school                         | F2 Survey (Employment)              | Rec #: 1, Pos: 8204 |
| 1           | F2C05P        | Hours per week on first job after high school - categorical           | F2 Survey (Employment)              | Rec #: 1, Pos: 8206 |
| 1           | F2C06A        | Earnings on first job after high school (dollars)                     | F2 Survey (Employment)              | Rec #: 1, Pos: 8208 |
| 1           | F2C06B        | Earnings on first job after high school (time unit)                   | F2 Survey (Employment)              | Rec #: 1, Pos: 8217 |
| 1           | F2C07         | Type of employer - first job                                          | F2 Survey (Employment)              | Rec #: 1, Pos: 8219 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description    | Position            |
|-------------|---------------|-------------------------------------------------------------|------------------------|---------------------|
| 1           | F2C08A        | Job placement due to responding to advertisement            | F2 Survey (Employment) | Rec #: 1, Pos: 8221 |
| 1           | F2C08B        | Job placement due to sending resume or contacting employers | F2 Survey (Employment) | Rec #: 1, Pos: 8223 |
| 1           | F2C08C        | Job placement due to networking with friends or relatives   | F2 Survey (Employment) | Rec #: 1, Pos: 8225 |
| 1           | F2C08D        | Job placement due to school assistance                      | F2 Survey (Employment) | Rec #: 1, Pos: 8227 |
| 1           | F2C08E        | Job placement due to another way                            | F2 Survey (Employment) | Rec #: 1, Pos: 8229 |
| 1           | F2C09         | Still employed by first employer after high school          | F2 Survey (Employment) | Rec #: 1, Pos: 8231 |
| 1           | F2C10R        | Year/month stopped working for first employer               | F2 Survey (Employment) | Rec #: 1, Pos: 8233 |
| 1           | F2C10P        | Year/quarter stopped working for first employer             | F2 Survey (Employment) | Rec #: 1, Pos: 8239 |
| 1           | F2C10P2       | Year stopped working for first employer                     | F2 Survey (Employment) | Rec #: 1, Pos: 8244 |
| 1           | F2C11         | Reason no longer working for first employer                 | F2 Survey (Employment) | Rec #: 1, Pos: 8249 |
| 1           | F2C11P        | Reason no longer working for first employer                 | F2 Survey (Employment) | Rec #: 1, Pos: 8251 |
| 1           | F2C12         | Has job with another employer at which works more hours     | F2 Survey (Employment) | Rec #: 1, Pos: 8253 |
| 1           | F2C13         | Whether currently employed                                  | F2 Survey (Employment) | Rec #: 1, Pos: 8255 |
| 1           | F2C14         | Whether current position with first employer is same job    | F2 Survey (Employment) | Rec #: 1, Pos: 8257 |
| 1           | F2C15         | Main reason for not currently working                       | F2 Survey (Employment) | Rec #: 1, Pos: 8259 |
| 1           | F2C15P        | Main reason for not currently working                       | F2 Survey (Employment) | Rec #: 1, Pos: 8261 |
| 1           | F2C16A        | Current job - title                                         | F2 Survey (Employment) | Rec #: 1, Pos: 8263 |
| 1           | F2C16B        | Current job - duties                                        | F2 Survey (Employment) | Rec #: 1, Pos: 8333 |
| 1           | F2C17R        | Year/month started current job                              | F2 Survey (Employment) | Rec #: 1, Pos: 8403 |
| 1           | F2C17P        | Year/quarter started current job                            | F2 Survey (Employment) | Rec #: 1, Pos: 8409 |
| 1           | F2C17P2       | Year started current job                                    | F2 Survey (Employment) | Rec #: 1, Pos: 8414 |
| 1           | F2C18R        | Hours per week on current job                               | F2 Survey (Employment) | Rec #: 1, Pos: 8419 |
| 1           | F2C18P        | Hours per week on current job - categorical                 | F2 Survey (Employment) | Rec #: 1, Pos: 8421 |
| 1           | F2C19A        | Earnings on current job (dollars)                           | F2 Survey (Employment) | Rec #: 1, Pos: 8423 |
| 1           | F2C19B        | Earnings on current job (time unit)                         | F2 Survey (Employment) | Rec #: 1, Pos: 8432 |
| 1           | F2C20         | Type of employer - current job                              | F2 Survey (Employment) | Rec #: 1, Pos: 8434 |
| 1           | F2C21         | Whether current employer offers health insurance            | F2 Survey (Employment) | Rec #: 1, Pos: 8436 |
| 1           | F2C22A        | Satisfaction with pay/fringe benefits of current job        | F2 Survey (Employment) | Rec #: 1, Pos: 8438 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description    | Position            |
|-------------|---------------|----------------------------------------------------------------------|------------------------|---------------------|
| 1           | F2C22B        | Satisfaction with working conditions of current job                  | F2 Survey (Employment) | Rec #: 1, Pos: 8440 |
| 1           | F2C22C        | Satisfaction with promotion opportunities of current job             | F2 Survey (Employment) | Rec #: 1, Pos: 8442 |
| 1           | F2C22D        | Satisfaction with security of current job                            | F2 Survey (Employment) | Rec #: 1, Pos: 8444 |
| 1           | F2C23         | Description of current job's purpose                                 | F2 Survey (Employment) | Rec #: 1, Pos: 8446 |
| 1           | F2C24         | Number of jobs during 2004-2005 school year                          | F2 Survey (Employment) | Rec #: 1, Pos: 8448 |
| 1           | F2C24_P       | Number of jobs during 2004-2005 school year                          | F2 Survey (Employment) | Rec #: 1, Pos: 8450 |
| 1           | F2C25A        | Held internship or co-op job while enrolled in 2004-2005 school year | F2 Survey (Employment) | Rec #: 1, Pos: 8452 |
| 1           | F2C25B        | Held work-study job while enrolled in 2004-2005 school year          | F2 Survey (Employment) | Rec #: 1, Pos: 8454 |
| 1           | F2C25C        | Held job related to studies while enrolled in 2004-2005 school year  | F2 Survey (Employment) | Rec #: 1, Pos: 8456 |
| 1           | F2C26R        | Hours worked weekly during 2004-2005 school year                     | F2 Survey (Employment) | Rec #: 1, Pos: 8458 |
| 1           | F2C26P        | Hours worked weekly during 2004-2005 school year - categorical       | F2 Survey (Employment) | Rec #: 1, Pos: 8460 |
| 1           | F2C27         | Main reason for working while enrolled in 2004-2005 school year      | F2 Survey (Employment) | Rec #: 1, Pos: 8462 |
| 1           | F2C28         | Whether could have afforded school without working in 2004-2005      | F2 Survey (Employment) | Rec #: 1, Pos: 8464 |
| 1           | F2C29         | Number of jobs during 2005-2006 school year                          | F2 Survey (Employment) | Rec #: 1, Pos: 8466 |
| 1           | F2C29_P       | Number of jobs during 2005-2006 school year                          | F2 Survey (Employment) | Rec #: 1, Pos: 8468 |
| 1           | F2C30A        | Held internship or co-op job while enrolled in 2005-2006 school year | F2 Survey (Employment) | Rec #: 1, Pos: 8470 |
| 1           | F2C30B        | Held work-study job while enrolled in 2005-2006 school year          | F2 Survey (Employment) | Rec #: 1, Pos: 8472 |
| 1           | F2C30C        | Held job related to studies while enrolled in 2005-2006 school year  | F2 Survey (Employment) | Rec #: 1, Pos: 8474 |
| 1           | F2C31R        | Hours worked weekly during 2005-2006 school year                     | F2 Survey (Employment) | Rec #: 1, Pos: 8476 |
| 1           | F2C31P        | Hours worked weekly during 2005-2006 school year - categorical       | F2 Survey (Employment) | Rec #: 1, Pos: 8478 |
| 1           | F2C32         | Main reason for working while enrolled in 2005-2006 school year      | F2 Survey (Employment) | Rec #: 1, Pos: 8480 |
| 1           | F2C33         | Whether could have afforded school without working in 2005-2006      | F2 Survey (Employment) | Rec #: 1, Pos: 8482 |
| 1           | F2C34         | Respondent's total 2005 job earnings                                 | F2 Survey (Employment) | Rec #: 1, Pos: 8484 |
| 1           | F2C35         | Respondent's total 2005 job earnings-categorical                     | F2 Survey (Employment) | Rec #: 1, Pos: 8490 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description    | Position            |
|-------------|---------------|-----------------------------------------------------------------------|------------------------|---------------------|
| 1           | F2C35_P       | Respondent's total 2005 job earnings-categorical                      | F2 Survey (Employment) | Rec #: 1, Pos: 8492 |
| 1           | F2C36         | Contribute to children's or anyone else's support                     | F2 Survey (Employment) | Rec #: 1, Pos: 8494 |
| 1           | F2C37         | Number of credit cards in own name                                    | F2 Survey (Employment) | Rec #: 1, Pos: 8496 |
| 1           | F2C37_P       | Number of credit cards in own name                                    | F2 Survey (Employment) | Rec #: 1, Pos: 8498 |
| 1           | F2C38         | Whether used credit to pay tuition                                    | F2 Survey (Employment) | Rec #: 1, Pos: 8500 |
| 1           | F2C39         | Payoff or carry credit balance                                        | F2 Survey (Employment) | Rec #: 1, Pos: 8502 |
| 1           | F2C40A        | Job expected at age 30-title                                          | F2 Survey (Employment) | Rec #: 1, Pos: 8504 |
| 1           | F2C40B        | Job expected at age 30-duties                                         | F2 Survey (Employment) | Rec #: 1, Pos: 8574 |
| 1           | F2C41         | How much education respondent thinks will be needed for job at age 30 | F2 Survey (Employment) | Rec #: 1, Pos: 8644 |
| 1           | F2D01         | Marital status                                                        | F2 Survey (Community)  | Rec #: 1, Pos: 8646 |
| 1           | F2D02R        | Year/month of first marriage                                          | F2 Survey (Community)  | Rec #: 1, Pos: 8648 |
| 1           | F2D02P        | Year/quarter of first marriage                                        | F2 Survey (Community)  | Rec #: 1, Pos: 8654 |
| 1           | F2D02P2       | Year of first marriage                                                | F2 Survey (Community)  | Rec #: 1, Pos: 8659 |
| 1           | F2D03         | Whether has biological children                                       | F2 Survey (Community)  | Rec #: 1, Pos: 8664 |
| 1           | F2D04         | Number of biological children                                         | F2 Survey (Community)  | Rec #: 1, Pos: 8666 |
| 1           | F2D04_P       | Number of biological children                                         | F2 Survey (Community)  | Rec #: 1, Pos: 8668 |
| 1           | F2D05R        | Year/month first biological child was born                            | F2 Survey (Community)  | Rec #: 1, Pos: 8670 |
| 1           | F2D05P        | Year/quarter first biological child was born                          | F2 Survey (Community)  | Rec #: 1, Pos: 8676 |
| 1           | F2D05P2       | Year first biological child was born                                  | F2 Survey (Community)  | Rec #: 1, Pos: 8681 |
| 1           | F2D06         | Residence when first enrolled                                         | F2 Survey (Community)  | Rec #: 1, Pos: 8686 |
| 1           | F2D07         | Residence while enrolled in spring 2006                               | F2 Survey (Community)  | Rec #: 1, Pos: 8688 |
| 1           | F2D08A        | Household composition-father or male guardian                         | F2 Survey (Community)  | Rec #: 1, Pos: 8690 |
| 1           | F2D08A_P      | Household composition-father or male guardian                         | F2 Survey (Community)  | Rec #: 1, Pos: 8692 |
| 1           | F2D08B        | Household composition-mother or female guardian                       | F2 Survey (Community)  | Rec #: 1, Pos: 8694 |
| 1           | F2D08B_P      | Household composition-mother or female guardian                       | F2 Survey (Community)  | Rec #: 1, Pos: 8696 |
| 1           | F2D08C        | Household composition-friends or roommates                            | F2 Survey (Community)  | Rec #: 1, Pos: 8698 |
| 1           | F2D08C_P      | Household composition-friends or roommates                            | F2 Survey (Community)  | Rec #: 1, Pos: 8700 |
| 1           | F2D08D        | Household composition-siblings                                        | F2 Survey (Community)  | Rec #: 1, Pos: 8702 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description   | Position            |
|-------------|---------------|--------------------------------------------------------------------|-----------------------|---------------------|
| 1           | F2D08D_P      | Household composition-siblings                                     | F2 Survey (Community) | Rec #: 1, Pos: 8704 |
| 1           | F2D08E        | Household composition-spouse                                       | F2 Survey (Community) | Rec #: 1, Pos: 8706 |
| 1           | F2D08F        | Household composition-biological children                          | F2 Survey (Community) | Rec #: 1, Pos: 8708 |
| 1           | F2D08F_P      | Household composition-biological children                          | F2 Survey (Community) | Rec #: 1, Pos: 8710 |
| 1           | F2D08G        | Household composition-other children                               | F2 Survey (Community) | Rec #: 1, Pos: 8712 |
| 1           | F2D08G_P      | Household composition-other children                               | F2 Survey (Community) | Rec #: 1, Pos: 8714 |
| 1           | F2D08H        | Household composition-others                                       | F2 Survey (Community) | Rec #: 1, Pos: 8716 |
| 1           | F2D08H_P      | Household composition-others                                       | F2 Survey (Community) | Rec #: 1, Pos: 8718 |
| 1           | F2D09         | Whether performed volunteer/community service work in past 2 years | F2 Survey (Community) | Rec #: 1, Pos: 8720 |
| 1           | F2D10A        | Volunteered with youth organization                                | F2 Survey (Community) | Rec #: 1, Pos: 8722 |
| 1           | F2D10B        | Volunteered with school/community organizations                    | F2 Survey (Community) | Rec #: 1, Pos: 8724 |
| 1           | F2D10C        | Volunteered with political organization                            | F2 Survey (Community) | Rec #: 1, Pos: 8726 |
| 1           | F2D10D        | Volunteered with church-related group                              | F2 Survey (Community) | Rec #: 1, Pos: 8728 |
| 1           | F2D10E        | Volunteered with neighborhood/social action associations           | F2 Survey (Community) | Rec #: 1, Pos: 8730 |
| 1           | F2D10F        | Volunteered with hospital or nursing home                          | F2 Survey (Community) | Rec #: 1, Pos: 8732 |
| 1           | F2D10G        | Volunteered with education organizations                           | F2 Survey (Community) | Rec #: 1, Pos: 8734 |
| 1           | F2D10H        | Volunteered with conservation/environmental group                  | F2 Survey (Community) | Rec #: 1, Pos: 8736 |
| 1           | F2D11         | Frequency of volunteer service                                     | F2 Survey (Community) | Rec #: 1, Pos: 8738 |
| 1           | F2D12         | Voted in local or state election in past 2 years                   | F2 Survey (Community) | Rec #: 1, Pos: 8740 |
| 1           | F2D13         | Voted in 2004 Presidential election                                | F2 Survey (Community) | Rec #: 1, Pos: 8742 |
| 1           | F2D14         | Whether served in military                                         | F2 Survey (Community) | Rec #: 1, Pos: 8744 |
| 1           | F2D15A        | Parents/guardians divorced in last 2 years                         | F2 Survey (Community) | Rec #: 1, Pos: 8746 |
| 1           | F2D15B        | Parent/guardian lost job in last 2 years                           | F2 Survey (Community) | Rec #: 1, Pos: 8748 |
| 1           | F2D15C        | Parent/guardian died in last 2 years                               | F2 Survey (Community) | Rec #: 1, Pos: 8750 |
| 1           | F2D15D        | A close relative/friend died in last 2 years                       | F2 Survey (Community) | Rec #: 1, Pos: 8752 |
| 1           | F2D15E        | Respondent became seriously ill or disabled in last 2 years        | F2 Survey (Community) | Rec #: 1, Pos: 8754 |
| 1           | F2D15F        | Family member became seriously injured/disabled in last 2 years    | F2 Survey (Community) | Rec #: 1, Pos: 8756 |
| 1           | F2D15G        | Respondent was victim of violence in last 2 years                  | F2 Survey (Community) | Rec #: 1, Pos: 8758 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description                          | Position            |
|-------------|---------------|-----------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A01A        | Current activities: Working for pay at a FT job                 | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8760 |
| 1           | F3A01B        | Current activities: Working for pay at a PT job                 | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8762 |
| 1           | F3A01C        | Current activities: Serving in another work experience          | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8764 |
| 1           | F3A01D        | Current activities: Taking courses at a 2- or 4-yr school       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8766 |
| 1           | F3A01E        | Current activities: Taking courses at a voc/tech/trade school   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8768 |
| 1           | F3A01F        | Current activities: Keeping house                               | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8770 |
| 1           | F3A01G        | Current activities: Caring for dependents                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8772 |
| 1           | F3A01H        | Current activities: Serving in the military                     | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8774 |
| 1           | F3A02         | Whether June 2012 activities are the same as current activities | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8776 |
| 1           | F3A03A        | June 2012 activities: Working for pay at a FT job               | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8778 |
| 1           | F3A03B        | June 2012 activities: Working for pay at a PT job               | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8780 |
| 1           | F3A03C        | June 2012 activities: Serving in another work experience        | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8782 |
| 1           | F3A03D        | June 2012 activities: Taking courses at a 2- or 4-yr school     | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8784 |
| 1           | F3A03E        | June 2012 activities: Taking courses at a voc/tech/trade school | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8786 |
| 1           | F3A03F        | June 2012 activities: Keeping house                             | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8788 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description                          | Position            |
|-------------|---------------|-----------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A03G        | June 2012 activities: Caring for dependents                     | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8790 |
| 1           | F3A03H        | June 2012 activities: Serving in the military                   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8792 |
| 1           | F3A04         | Whether R has received a HS credential                          | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8794 |
| 1           | F3A05         | Type of HS credential received                                  | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8796 |
| 1           | F3A06         | Year/month received HS credential                               | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8798 |
| 1           | F3A07         | Program through which GED/equivalency was earned                | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8804 |
| 1           | F3A08         | State in which GED/equivalency was earned                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8806 |
| 1           | F3A09A        | Completed GED to improve/advance/keep up to date on current job | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8808 |
| 1           | F3A09B        | Completed GED to train for a new job/career                     | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8810 |
| 1           | F3A09C        | Completed GED to improve basic reading/writing/math skills      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8812 |
| 1           | F3A09D        | Completed GED to meet requirements for additional study         | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8814 |
| 1           | F3A09E        | Completed GED b/c required or encouraged by employer            | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8816 |
| 1           | F3A09F        | Completed GED for personal, family or social reasons            | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8818 |
| 1           | F3A10         | Whether currently working towards a GED/equivalent              | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8820 |
| 1           | F3A11         | Whether SM has ever attended a PS institution                   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8822 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                                      | Section Description                          | Position            |
|-------------|---------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A12         | Year/month last attended postsecondary school                                                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8824 |
| 1           | F3A13A        | Whether earned a credential from last-attended PS institution                                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8830 |
| 1           | F3A13B        | Type of credential pursued when last attending PS school                                            | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8832 |
| 1           | F3A14A        | High-impact PS activities: Internship/co-op/field experience/student teaching/clinical assignment   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8834 |
| 1           | F3A14B        | High-impact PS activities: Research project with faculty member outside course/program requirements | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8836 |
| 1           | F3A14C        | High-impact PS activities: Study abroad                                                             | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8838 |
| 1           | F3A14D        | High-impact PS activities: Community-based project                                                  | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8840 |
| 1           | F3A14E        | High-impact PS activities: Culminating senior experience                                            | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8842 |
| 1           | F3A14F        | High-impact PS activities: Mentoring                                                                | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8844 |
| 1           | F3A15A        | Extent to which PSE prepared for life: Work and career                                              | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8846 |
| 1           | F3A15B        | Extent to which PSE prepared for life: Further education                                            | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8848 |
| 1           | F3A15C        | Extent to which PSE prepared for life: Establishing financial security                              | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8850 |
| 1           | F3A15D        | Extent to which PSE prepared for life: Civic participation                                          | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8852 |
| 1           | F3A16A        | Reasons for no PS credential: Finished taking desired classes                                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8854 |
| 1           | F3A16B        | Reasons for no PS credential: Couldn't afford to continue going to school                           | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8856 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                               | Section Description                          | Position            |
|-------------|---------------|----------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A16C        | Reasons for no PS credential: Would rather work and make money than continue going to school | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8858 |
| 1           | F3A16D        | Reasons for no PS credential: Change in family status                                        | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8860 |
| 1           | F3A16E        | Reasons for no PS credential: Personal problems, injury, or illness                          | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8862 |
| 1           | F3A16F        | Reasons for no PS credential: Conflicts with demands at home                                 | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8864 |
| 1           | F3A16G        | Reasons for no PS credential: Difficulty completing requirements                             | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8866 |
| 1           | F3A16H        | Reasons for no PS credential: Classes not available / class scheduling not convenient        | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8868 |
| 1           | F3A16I        | Reasons for no PS credential: Job or military considerations                                 | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8870 |
| 1           | F3A17         | Highest level of education R ever expects to complete                                        | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8872 |
| 1           | F3A18         | Whether R took out any student/PSE loans                                                     | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8874 |
| 1           | F3A19         | Total amount borrowed in student loans                                                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8876 |
| 1           | F3A20         | Whether currently making monthly payments on student loans                                   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8883 |
| 1           | F3A21         | Amount currently paid monthly toward student loan balance                                    | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8885 |
| 1           | F3A22A        | Effects of student loan debt: Took job outside field of study or training                    | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8891 |
| 1           | F3A22B        | Effects of student loan debt: Took a less desirable job                                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8893 |
| 1           | F3A22C        | Effects of student loan debt: Have to work at more than one job at the same time             | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8895 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                                               | Section Description                          | Position            |
|-------------|---------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A22D        | Effects of student loan debt: Have to work more hours than desired                                           | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8897 |
| 1           | F3A23         | Whether R received grants/scholarships during first term at first attended PS institution                    | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8899 |
| 1           | F3A24A        | Proportion of tuition/fees paid by grants/scholarships (1st term at 1st attended PS institution)             | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8901 |
| 1           | F3A24B        | Proportion of other college expenses paid by grants/scholarships (1st term at 1st attended PS institution)   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8903 |
| 1           | F3A25         | Whether R received grants/scholarships during last term at last attended PS institution                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8905 |
| 1           | F3A26A        | Proportion of tuition/fees paid by grants/scholarships (last term at last attended PS institution)           | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8907 |
| 1           | F3A26B        | Proportion of other college expenses paid by grants/scholarships (last term at last attended PS institution) | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8909 |
| 1           | F3A27         | Whether R has a professional certification or license                                                        | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8911 |
| 1           | F3A28A        | R is/was certified/licensed by state                                                                         | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8913 |
| 1           | F3A28B        | R is/was certified/licensed by a professional organization                                                   | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8915 |
| 1           | F3A28C        | R is/was certified/licensed by industry/company/some other organization                                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8917 |
| 1           | F3A29A        | Certification/license requires R to demonstrate skills while on the job                                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8919 |
| 1           | F3A29B        | Certification/license requires R to pass a test or exam                                                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8921 |
| 1           | F3A29C        | Certification/license requires R to submit a portfolio of work                                               | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8923 |
| 1           | F3A30A        | Certification/license must be maintained via continuing education classes/units                              | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8925 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                          | Position            |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------------|---------------------|
| 1           | F3A30B        | Certification/license must be maintained via periodic tests                      | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8927 |
| 1           | F3A31A        | Certification/license can be revoked or suspended for any reason                 | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8929 |
| 1           | F3A31B        | Certification/license can be used to get job with any employer in field          | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8931 |
| 1           | F3A32         | Certification/license required for current/most recent job                       | F3 Survey (Current Activities and Education) | Rec #: 1, Pos: 8933 |
| 1           | F3B01         | Whether R has ever been in the military                                          | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8935 |
| 1           | F3B02A        | Military service is/was in the Army                                              | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8937 |
| 1           | F3B02B        | Military service is/was in the Air Force                                         | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8939 |
| 1           | F3B02C        | Military service is/was in the Marine Corps                                      | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8941 |
| 1           | F3B02D        | Military service is/was in the Navy                                              | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8943 |
| 1           | F3B02E        | Military service is/was in the Coast Guard                                       | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8945 |
| 1           | F3B03         | Whether R is currently serving on active duty, in reserves, or in National Guard | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8947 |
| 1           | F3B04         | Year/month first served in the military                                          | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8949 |
| 1           | F3B05         | Year/month last served in the military                                           | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8955 |
| 1           | F3B06         | Highest military pay grade achieved                                              | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8961 |
| 1           | F3B07         | Ever served on active duty                                                       | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8963 |
| 1           | F3B08         | Ever served in a combat zone                                                     | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8965 |
| 1           | F3B09         | Held a job for pay since January 2006                                            | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8967 |
| 1           | F3B10         | Whether R currently wants a job / full-time job                                  | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8969 |
| 1           | F3B11         | Whether R is currently available and looking for work                            | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8971 |
| 1           | F3B12         | Number of employers since January 2006                                           | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8973 |
| 1           | F3B13         | Year/month last worked for pay                                                   | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8975 |
| 1           | F3B14A        | Number of currently-held full-time jobs                                          | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8981 |
| 1           | F3B14B        | Number of currently-held part-time jobs                                          | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8983 |
| 1           | F3B15A        | Current/most recent job title                                                    | F3 Survey (Current Employment)               | Rec #: 1, Pos: 8985 |
| 1           | F3B15B        | Current/most recent job duties                                                   | F3 Survey (Current Employment)               | Rec #: 1, Pos: 9185 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                  | Section Description            | Position            |
|-------------|---------------|---------------------------------------------------------------------------------|--------------------------------|---------------------|
| 1           | F3B16         | Year/month began current/most recent job                                        | F3 Survey (Current Employment) | Rec #: 1, Pos: 9385 |
| 1           | F3B17         | Whether working for self or for someone else in current/most recent job         | F3 Survey (Current Employment) | Rec #: 1, Pos: 9391 |
| 1           | F3B18A        | Whether R is/was owner of own business in current/most recent job               | F3 Survey (Current Employment) | Rec #: 1, Pos: 9393 |
| 1           | F3B18B        | Whether R is/was a partner with others in current/most recent job               | F3 Survey (Current Employment) | Rec #: 1, Pos: 9395 |
| 1           | F3B18C        | Whether R is/was to file federal income tax form SE for current/most recent job | F3 Survey (Current Employment) | Rec #: 1, Pos: 9397 |
| 1           | F3B18D        | Whether R is/was independent contractor/consultant in current/most recent job   | F3 Survey (Current Employment) | Rec #: 1, Pos: 9399 |
| 1           | F3B19         | Current/most recent employer type                                               | F3 Survey (Current Employment) | Rec #: 1, Pos: 9401 |
| 1           | F3B20         | Whether R supervises other in current/most recent job                           | F3 Survey (Current Employment) | Rec #: 1, Pos: 9403 |
| 1           | F3B21         | Hours worked per week in current/most recent (primary) job                      | F3 Survey (Current Employment) | Rec #: 1, Pos: 9405 |
| 1           | F3B22         | Hours currently working per week across all jobs                                | F3 Survey (Current Employment) | Rec #: 1, Pos: 9407 |
| 1           | F3B23         | Level of autonomy in current/most recent job                                    | F3 Survey (Current Employment) | Rec #: 1, Pos: 9409 |
| 1           | F3B24         | Whether current/most recent employer offers medical insurance                   | F3 Survey (Current Employment) | Rec #: 1, Pos: 9411 |
| 1           | F3B25A        | Aspects of current/most recent job: Job security                                | F3 Survey (Current Employment) | Rec #: 1, Pos: 9413 |
| 1           | F3B25B        | Aspects of current/most recent job: Opportunity to learn new things             | F3 Survey (Current Employment) | Rec #: 1, Pos: 9415 |
| 1           | F3B25C        | Aspects of current/most recent job: High earnings                               | F3 Survey (Current Employment) | Rec #: 1, Pos: 9417 |
| 1           | F3B25D        | Aspects of current/most recent job: New challenges                              | F3 Survey (Current Employment) | Rec #: 1, Pos: 9419 |
| 1           | F3B25E        | Aspects of current/most recent job: Time for leisure activities                 | F3 Survey (Current Employment) | Rec #: 1, Pos: 9421 |
| 1           | F3B25F        | Aspects of current/most recent job: Useful for society                          | F3 Survey (Current Employment) | Rec #: 1, Pos: 9423 |
| 1           | F3B25G        | Aspects of current/most recent job: Work-family balance                         | F3 Survey (Current Employment) | Rec #: 1, Pos: 9425 |
| 1           | F3B26         | Pay period for current/most recent job                                          | F3 Survey (Current Employment) | Rec #: 1, Pos: 9427 |
| 1           | F3B27         | Whether paid at an hourly rate at current/most recent job                       | F3 Survey (Current Employment) | Rec #: 1, Pos: 9429 |
| 1           | F3B28         | Rate of pay for current/most recent job                                         | F3 Survey (Current Employment) | Rec #: 1, Pos: 9431 |
| 1           | F3B29         | Relationship between current/most recent job and career goals                   | F3 Survey (Current Employment) | Rec #: 1, Pos: 9441 |
| 1           | F3B30A        | Whether graduate degree is/was required for current/most recent job             | F3 Survey (Current Employment) | Rec #: 1, Pos: 9443 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                | Section Description                   | Position            |
|-------------|---------------|-------------------------------------------------------------------------------|---------------------------------------|---------------------|
| 1           | F3B30B        | Whether Bachelor's degree is/was required for current/most recent job         | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9445 |
| 1           | F3B30C        | Whether Associate's degree is/was required for current/most recent job        | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9447 |
| 1           | F3B30D        | Whether undergraduate certificate is/was required for current/most recent job | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9449 |
| 1           | F3B31         | Relationship between current/most recent job and field of study               | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9451 |
| 1           | F3B32         | Ever had a job closely related to field of study                              | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9453 |
| 1           | F3B33         | Whether current/most recent job would be difficult without college coursework | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9455 |
| 1           | F3B34A        | SCCT: Most people at work are pretty supportive                               | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9457 |
| 1           | F3B34B        | SCCT: There are people to learn from at work                                  | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9459 |
| 1           | F3B34C        | SCCT: There are people to help in solving a work problem                      | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9461 |
| 1           | F3B34D        | SCCT: Feels fairly well satisfied with current job                            | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9463 |
| 1           | F3B34E        | SCCT: Enthusiastic about work on most days                                    | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9465 |
| 1           | F3B34F        | SCCT: Finds real enjoyment in work                                            | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9467 |
| 1           | F3B34G        | SCCT: Plans to remain in current job over the next year                       | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9469 |
| 1           | F3B34H        | SCCT: Usually doesn't think about leaving current job                         | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9471 |
| 1           | F3B34I        | SCCT: Feels pretty strongly committed to keeping current job                  | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9473 |
| 1           | F3B35         | Whether R has received formal employer-provided training                      | F3 Survey (Current Employment)        | Rec #: 1, Pos: 9475 |
| 1           | F3C01         | Number of weeks employed during 2011                                          | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9477 |
| 1           | F3C02         | Number of hours worked per week during 2011                                   | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9479 |
| 1           | F3C03         | Proportion employed during 2010                                               | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9481 |
| 1           | F3C04         | Hours worked during a typical working week in 2010                            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9483 |
| 1           | F3C05         | Proportion employed during 2009                                               | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9485 |
| 1           | F3C06         | Hours worked during a typical working week in 2009                            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9487 |
| 1           | F3C07         | Ever unemployed since January 2009                                            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9489 |
| 1           | F3C08         | Total number of months unemployed since January 2009                          | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9491 |
| 1           | F3C09         | Total number of times unemployed since January 2009                           | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9493 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                   | Position            |
|-------------|---------------|----------------------------------------------------------------------------------|---------------------------------------|---------------------|
| 1           | F3C10         | Longest unemployment spell (in months) since January 2009                        | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9495 |
| 1           | F3C11         | Whether recvd/applied/been eligible to receive unemp compensation since Jan 2009 | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9497 |
| 1           | F3C12A        | Employment barriers: Not having the required credential                          | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9499 |
| 1           | F3C12B        | Employment barriers: Not having high enough grades                               | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9501 |
| 1           | F3C12C        | Employment barriers: Being considered overqualified                              | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9503 |
| 1           | F3C12D        | Employment barriers: Illness, accident, or disability                            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9505 |
| 1           | F3C12E        | Employment barriers: Lack of openings in chosen field                            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9507 |
| 1           | F3C12F        | Employment barriers: Inability to relocate                                       | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9509 |
| 1           | F3C12G        | Employment barriers: Lack of affordable child care                               | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9511 |
| 1           | F3C12H        | Employment barriers: Racial/ethnic discrimination                                | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9513 |
| 1           | F3C12I        | Employment barriers: Gender discrimination                                       | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9515 |
| 1           | F3C12J        | Employment barriers: Lack of social connections/contacts                         | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9517 |
| 1           | F3C12K        | Employment barriers: Transportation difficulties                                 | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9519 |
| 1           | F3C13A        | Job expected at age 30 -- job title                                              | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9521 |
| 1           | F3C13B        | Job expected at age 30 -- job duties                                             | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9721 |
| 1           | F3C14         | How much education R thinks s/he will need for expected job at age 30            | F3 Survey (Employment History/Future) | Rec #: 1, Pos: 9921 |
| 1           | F3D01         | Current marital status                                                           | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9923 |
| 1           | F3D02         | Number of times R has been married                                               | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9925 |
| 1           | F3D03_1       | Year/month of first marriage                                                     | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9927 |
| 1           | F3D03_2       | Year/month of second marriage                                                    | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9933 |
| 1           | F3D03_3       | Year/month of third marriage                                                     | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9939 |
| 1           | F3D04         | Whether R is currently living with significant other in a marriage-like relship  | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9945 |
| 1           | F3D05         | Spouse/partner's highest level of education                                      | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9947 |
| 1           | F3D06         | Whether R has any biological children                                            | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9949 |
| 1           | F3D07         | Number of biological children                                                    | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9951 |
| 1           | F3D08_1       | Birth year/month of R's first biological child                                   | F3 Survey (Family and Community)      | Rec #: 1, Pos: 9953 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description              | Position             |
|-------------|---------------|------------------------------------------------------------------------|----------------------------------|----------------------|
| 1           | F3D08_2       | Birth year/month of R's second biological child                        | F3 Survey (Family and Community) | Rec #: 1, Pos: 9959  |
| 1           | F3D08_3       | Birth year/month of R's third biological child                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 9965  |
| 1           | F3D08_4       | Birth year/month of R's fourth biological child                        | F3 Survey (Family and Community) | Rec #: 1, Pos: 9971  |
| 1           | F3D08_5       | Birth year/month of R's fifth biological child                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 9977  |
| 1           | F3D08_6       | Birth year/month of R's sixth biological child                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 9983  |
| 1           | F3D08_7       | Birth year/month of R's seventh biological child                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 9989  |
| 1           | F3D09_1       | Whether R was married to first child's other parent at time of birth   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10007 |
| 1           | F3D09_2       | Whether R was married to second child's other parent at time of birth  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10009 |
| 1           | F3D09_3       | Whether R was married to third child's other parent at time of birth   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10011 |
| 1           | F3D09_4       | Whether R was married to fourth child's other parent at time of birth  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10013 |
| 1           | F3D09_5       | Whether R was married to fifth child's other parent at time of birth   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10015 |
| 1           | F3D09_6       | Whether R was married to sixth child's other parent at time of birth   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10017 |
| 1           | F3D09_7       | Whether R was married to seventh child's other parent at time of birth | F3 Survey (Family and Community) | Rec #: 1, Pos: 10019 |
| 1           | F3D10         | Whether R has ever adopted a child                                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10025 |
| 1           | F3D11         | Number of adopted children                                             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10027 |
| 1           | F3D12_1       | First time adopting a child (year/month)                               | F3 Survey (Family and Community) | Rec #: 1, Pos: 10029 |
| 1           | F3D12_2       | Second time adopting a child (year/month)                              | F3 Survey (Family and Community) | Rec #: 1, Pos: 10035 |
| 1           | F3D12_3       | Third time adopting a child (year/month)                               | F3 Survey (Family and Community) | Rec #: 1, Pos: 10041 |
| 1           | F3D13         | ZIP code for current residence                                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 10047 |
| 1           | F3D14         | Whether R lives by self or with others                                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10052 |
| 1           | F3D15A        | Household composition: Friends or roommates                            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10054 |
| 1           | F3D15B        | Household composition: Brothers or sisters                             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10056 |
| 1           | F3D15C        | Household composition: Children                                        | F3 Survey (Family and Community) | Rec #: 1, Pos: 10058 |
| 1           | F3D15D        | Household composition: Mother or female guardian                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 10060 |
| 1           | F3D15E        | Household composition: Father or male guardian                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 10062 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                           | Section Description              | Position             |
|-------------|---------------|--------------------------------------------------------------------------|----------------------------------|----------------------|
| 1           | F3D15F        | Household composition: Spouse                                            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10064 |
| 1           | F3D15G        | Household composition: Partner in a marriage-like relationship           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10066 |
| 1           | F3D15H        | Household composition: Others                                            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10068 |
| 1           | F3D16         | Whether R lives in parent(s) home, or parents live in R's home           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10070 |
| 1           | F3D17         | Whether R contributes to cost of room/board in parents home              | F3 Survey (Family and Community) | Rec #: 1, Pos: 10072 |
| 1           | F3D18         | Whether R has dependents                                                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10074 |
| 1           | F3D19A        | Number of dependents less than age 18                                    | F3 Survey (Family and Community) | Rec #: 1, Pos: 10076 |
| 1           | F3D19B        | Number of dependents age 18 or older                                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10078 |
| 1           | F3D20         | R's 2011 employment earnings -- continuous                               | F3 Survey (Family and Community) | Rec #: 1, Pos: 10080 |
| 1           | F3D21         | R's 2011 employment earnings -- categorical                              | F3 Survey (Family and Community) | Rec #: 1, Pos: 10088 |
| 1           | F3D22         | Spouse/partner's 2011 employment earnings -- continuous                  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10090 |
| 1           | F3D23         | Spouse/partner's 2011 employment earnings -- categorical                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10098 |
| 1           | F3D24         | Whether received public assistance during 2011                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10100 |
| 1           | F3D25         | Whether received financial assistance from parents during last 12 months | F3 Survey (Family and Community) | Rec #: 1, Pos: 10102 |
| 1           | F3D26         | 2011 income from sources other than employment                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10104 |
| 1           | F3D27         | Whether R has a retirement account (un-married/un-partnered)             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10112 |
| 1           | F3D28A        | Whether R has a joint retirement account with spouse/partner             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10114 |
| 1           | F3D28B        | Whether R has a retirement account separate from spouse/partner          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10116 |
| 1           | F3D28C        | Whether spouse/partner has a retirement account separate from R          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10118 |
| 1           | F3D29         | Dollar amount currently held in retirement account                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 10120 |
| 1           | F3D30         | Whether owns home / rents / has some other arrangement                   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10128 |
| 1           | F3D31         | Current value of home                                                    | F3 Survey (Family and Community) | Rec #: 1, Pos: 10130 |
| 1           | F3D32         | Amount currently owed on mortgage                                        | F3 Survey (Family and Community) | Rec #: 1, Pos: 10138 |
| 1           | F3D33         | Total non-mortgage debt                                                  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10146 |
| 1           | F3D34         | Whether assets are greater than / equal to / less than debts             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10154 |
| 1           | F3D35         | Difference between assets and debts                                      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10156 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                          | Section Description              | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------------|----------------------------------|----------------------|
| 1           | F3D36         | Subjective rating of financial stress                                                   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10164 |
| 1           | F3D37         | Whether currently registered to vote                                                    | F3 Survey (Family and Community) | Rec #: 1, Pos: 10166 |
| 1           | F3D38         | Whether voted in the 2008 presidential election                                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 10168 |
| 1           | F3D39         | Whether voted in any local/state/national election during 2009, 2010, or 2011           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10170 |
| 1           | F3D40         | Performed unpaid volunteer work during the last 2 years                                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10172 |
| 1           | F3D41A        | Volunteer organizations: Youth organizations                                            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10174 |
| 1           | F3D41B        | Volunteer organizations: Service organizations                                          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10176 |
| 1           | F3D41C        | Volunteer organizations: Political clubs or organizations                               | F3 Survey (Family and Community) | Rec #: 1, Pos: 10178 |
| 1           | F3D41D        | Volunteer organizations: Religious or spiritual organizations                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10180 |
| 1           | F3D41E        | Volunteer organizations: Community/civic associations or groups                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 10182 |
| 1           | F3D41F        | Volunteer organizations: Hospital/nursing home/retirement community                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10184 |
| 1           | F3D41G        | Volunteer organizations: Educational organizations                                      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10186 |
| 1           | F3D41H        | Volunteer organizations: Conservation/recycling/environmental group                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10188 |
| 1           | F3D41I        | Volunteer organizations: Group providing intrnatl aid / promoting world peace           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10190 |
| 1           | F3D41J        | Volunteer organizations: Group helping people in need of food/shelter/basic necessities | F3 Survey (Family and Community) | Rec #: 1, Pos: 10192 |
| 1           | F3D41K        | Volunteer organizations: Group/organization related to arts or culture                  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10194 |
| 1           | F3D41L        | Volunteer organizations: Other                                                          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10196 |
| 1           | F3D41M        | Volunteer organizations: None of the above                                              | F3 Survey (Family and Community) | Rec #: 1, Pos: 10198 |
| 1           | F3D42         | Frequency of volunteer service                                                          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10200 |
| 1           | F3D43         | Frequency of philanthropic giving/donations                                             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10202 |
| 1           | F3D44A        | Traumatic events since Jan 2006: Parents/guardians were divorced or separated           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10204 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                  | Section Description              | Position             |
|-------------|---------------|---------------------------------------------------------------------------------|----------------------------------|----------------------|
| 1           | F3D44B        | Traumatic events since Jan 2006: Parent/guardian lost job                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 10206 |
| 1           | F3D44C        | Traumatic events since Jan 2006: R lost job                                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10208 |
| 1           | F3D44D        | Traumatic events since Jan 2006: Parent or guardians died                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 10210 |
| 1           | F3D44E        | Traumatic events since Jan 2006: Close relative or friend died                  | F3 Survey (Family and Community) | Rec #: 1, Pos: 10212 |
| 1           | F3D44F        | Traumatic events since Jan 2006: R became seriously ill or disabled             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10214 |
| 1           | F3D44G        | Traumatic events since Jan 2006: Family member became seriously ill or disabled | F3 Survey (Family and Community) | Rec #: 1, Pos: 10216 |
| 1           | F3D44H        | Traumatic events since Jan 2006: Victim of a violence                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10218 |
| 1           | F3D45A        | Year/month parents/guardians were divorced (1st occurrence since Jan 2006)      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10220 |
| 1           | F3D45B        | Year/month parents/guardians were divorced (last occurrence, if 2+ occurrences) | F3 Survey (Family and Community) | Rec #: 1, Pos: 10226 |
| 1           | F3D46A        | Year/month parent/guardian lost job (1st occurrence since Jan 2006)             | F3 Survey (Family and Community) | Rec #: 1, Pos: 10232 |
| 1           | F3D46B        | Year/month parent/guardian lost job (last occurrence, if 2+ occurrences)        | F3 Survey (Family and Community) | Rec #: 1, Pos: 10238 |
| 1           | F3D47A        | Year/month R lost job (1st occurrence since Jan 2006)                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10244 |
| 1           | F3D47B        | Year/month R lost job (last occurrence, if 2+ occurrences)                      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10250 |
| 1           | F3D48A        | Year/month parent/guardian died (1st occurrence since Jan 2006)                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10256 |
| 1           | F3D48B        | Year/month parent/guardian died (last occurrence, if 2+ occurrences)            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10262 |
| 1           | F3D49A        | Year/month close relative/friend died (1st occurrence since Jan 2006)           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10268 |
| 1           | F3D49B        | Year/month close relative/friend died (last occurrence, if 2+ occurrences)      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10274 |
| 1           | F3D50A        | Year/month R became ill/disabled (1st occurrence since Jan 2006)                | F3 Survey (Family and Community) | Rec #: 1, Pos: 10280 |
| 1           | F3D50B        | Year/month R became ill/disabled (last occurrence, if 2+ occurrences)           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10286 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description              | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------|----------------------|
| 1           | F3D51A        | Year/month family member became ill/disabled (1st occurrence since Jan 2006)      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10292 |
| 1           | F3D51B        | Year/month family member became ill/disabled (last occurrence, if 2+ occurrences) | F3 Survey (Family and Community) | Rec #: 1, Pos: 10298 |
| 1           | F3D52A        | Year/month victim of violence (1st occurrence since Jan 2006)                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10304 |
| 1           | F3D52B        | Year/month victim of violence (last occurrence, if 2+ occurrences)                | F3 Survey (Family and Community) | Rec #: 1, Pos: 10310 |
| 1           | F3D53A        | Values: Having right person to marry/happy family life                            | F3 Survey (Family and Community) | Rec #: 1, Pos: 10316 |
| 1           | F3D53B        | Values: Having lots of money                                                      | F3 Survey (Family and Community) | Rec #: 1, Pos: 10318 |
| 1           | F3D53C        | Values: Having strong friendships                                                 | F3 Survey (Family and Community) | Rec #: 1, Pos: 10320 |
| 1           | F3D53D        | Values: Helping other people in community                                         | F3 Survey (Family and Community) | Rec #: 1, Pos: 10322 |
| 1           | F3D53E        | Values: Being able to give children better opportunities                          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10324 |
| 1           | F3D53F        | Values: Living close to parents and relatives                                     | F3 Survey (Family and Community) | Rec #: 1, Pos: 10326 |
| 1           | F3D53G        | Values: Working to correct social and economic inequalities                       | F3 Survey (Family and Community) | Rec #: 1, Pos: 10328 |
| 1           | F3D53H        | Values: Having children                                                           | F3 Survey (Family and Community) | Rec #: 1, Pos: 10330 |
| 1           | F3D53I        | Values: Having leisure time to enjoy own interests                                | F3 Survey (Family and Community) | Rec #: 1, Pos: 10332 |
| 1           | F3D53J        | Values: Being an expert in field of work                                          | F3 Survey (Family and Community) | Rec #: 1, Pos: 10334 |
| 1           | F3D53K        | Values: Having a good education                                                   | F3 Survey (Family and Community) | Rec #: 1, Pos: 10336 |
| 1           | BYP01         | Relationship to 10th grader                                                       | BY Parent Questionnaire          | Rec #: 1, Pos: 10338 |
| 1           | BYP02         | Biological/adoptive parent lives with 10th grader                                 | BY Parent Questionnaire          | Rec #: 1, Pos: 10340 |
| 1           | BYP03         | Lives with a spouse or partner                                                    | BY Parent Questionnaire          | Rec #: 1, Pos: 10342 |
| 1           | BYP04         | Spouse/partner's relationship to 10th grader                                      | BY Parent Questionnaire          | Rec #: 1, Pos: 10344 |
| 1           | BYP05         | How often 10th grader lives with respondent                                       | BY Parent Questionnaire          | Rec #: 1, Pos: 10346 |
| 1           | BYP06         | # of dependents                                                                   | BY Parent Questionnaire          | Rec #: 1, Pos: 10348 |
| 1           | BYP07A        | # full/adoptive brothers live with 10th grader                                    | BY Parent Questionnaire          | Rec #: 1, Pos: 10350 |
| 1           | BYP07B        | # half-brothers live with 10th grader                                             | BY Parent Questionnaire          | Rec #: 1, Pos: 10352 |
| 1           | BYP07C        | # step-brothers live with 10th grader                                             | BY Parent Questionnaire          | Rec #: 1, Pos: 10354 |
| 1           | BYP07D        | # full/adoptive sisters live with 10th grader                                     | BY Parent Questionnaire          | Rec #: 1, Pos: 10356 |
| 1           | BYP07E        | # half-sisters live with 10th grader                                              | BY Parent Questionnaire          | Rec #: 1, Pos: 10358 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description     | Position             |
|-------------|---------------|--------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP07F        | # step-sisters live with 10th grader                         | BY Parent Questionnaire | Rec #: 1, Pos: 10360 |
| 1           | BYP07G        | # of 10th grader's children live with 10th grader            | BY Parent Questionnaire | Rec #: 1, Pos: 10362 |
| 1           | BYP07H        | # grandparents live with 10th grader                         | BY Parent Questionnaire | Rec #: 1, Pos: 10364 |
| 1           | BYP07I        | # other relatives under 18 live with 10th grader             | BY Parent Questionnaire | Rec #: 1, Pos: 10366 |
| 1           | BYP07J        | # other relatives 18 or older live with 10th grader          | BY Parent Questionnaire | Rec #: 1, Pos: 10368 |
| 1           | BYP07K        | # non-relatives under 18 live with 10th grader               | BY Parent Questionnaire | Rec #: 1, Pos: 10370 |
| 1           | BYP07L        | # non-relatives 18 or older live with 10th grader            | BY Parent Questionnaire | Rec #: 1, Pos: 10372 |
| 1           | BYP08         | # of siblings 10th grader has                                | BY Parent Questionnaire | Rec #: 1, Pos: 10374 |
| 1           | BYP09         | # of siblings who dropped out of high school                 | BY Parent Questionnaire | Rec #: 1, Pos: 10376 |
| 1           | BYP10         | Current marital status of parent respondent                  | BY Parent Questionnaire | Rec #: 1, Pos: 10378 |
| 1           | BYP11         | Parent respondent's year of birth                            | BY Parent Questionnaire | Rec #: 1, Pos: 10380 |
| 1           | BYP12         | Spouse/partner's year of birth                               | BY Parent Questionnaire | Rec #: 1, Pos: 10384 |
| 1           | BYP13         | Parent is Hispanic                                           | BY Parent Questionnaire | Rec #: 1, Pos: 10388 |
| 1           | BYP14         | Parent's Hispanic subgroup (restricted)                      | BY Parent Questionnaire | Rec #: 1, Pos: 10390 |
| 1           | BYP15A        | Parent is White (restricted)                                 | BY Parent Questionnaire | Rec #: 1, Pos: 10392 |
| 1           | BYP15B        | Parent is Black or African American (restricted)             | BY Parent Questionnaire | Rec #: 1, Pos: 10394 |
| 1           | BYP15C        | Parent is Asian (restricted)                                 | BY Parent Questionnaire | Rec #: 1, Pos: 10396 |
| 1           | BYP15D        | Parent is Native Hawaiian/Pacific Islander (restricted)      | BY Parent Questionnaire | Rec #: 1, Pos: 10398 |
| 1           | BYP15E        | Parent is American Indian/Alaska Native (restricted)         | BY Parent Questionnaire | Rec #: 1, Pos: 10400 |
| 1           | BYP16         | Parent's Asian subgroup (restricted)                         | BY Parent Questionnaire | Rec #: 1, Pos: 10402 |
| 1           | BYP17         | Whether 10th grader's mother's birthplace in US or elsewhere | BY Parent Questionnaire | Rec #: 1, Pos: 10404 |
| 1           | BYP18         | # of years ago mother came to US                             | BY Parent Questionnaire | Rec #: 1, Pos: 10406 |
| 1           | BYP19A        | Mother's occupation before coming to US (restricted)         | BY Parent Questionnaire | Rec #: 1, Pos: 10408 |
| 1           | BYP19B        | Mother's main job duties outside US (restricted)             | BY Parent Questionnaire | Rec #: 1, Pos: 10458 |
| 1           | BYP20         | Whether 10th grader's father's birthplace in US or elsewhere | BY Parent Questionnaire | Rec #: 1, Pos: 10598 |
| 1           | BYP21         | # of years ago father came to US                             | BY Parent Questionnaire | Rec #: 1, Pos: 10600 |
| 1           | BYP22A        | Father's occupation before coming to US (restricted)         | BY Parent Questionnaire | Rec #: 1, Pos: 10602 |
| 1           | BYP22B        | Father's job main duties outside US (restricted)             | BY Parent Questionnaire | Rec #: 1, Pos: 10652 |
| 1           | BYP23         | Whether 10th grader's birthplace in US or elsewhere          | BY Parent Questionnaire | Rec #: 1, Pos: 10792 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description     | Position             |
|-------------|---------------|--------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP24         | # of years ago 10th grader came to US                        | BY Parent Questionnaire | Rec #: 1, Pos: 10794 |
| 1           | BYP25         | 10th grader attended school outside US                       | BY Parent Questionnaire | Rec #: 1, Pos: 10796 |
| 1           | BYP26A        | 10th grader completed kindergarten outside US                | BY Parent Questionnaire | Rec #: 1, Pos: 10798 |
| 1           | BYP26B        | 10th grader completed 1st grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10800 |
| 1           | BYP26C        | 10th grader completed 2nd grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10802 |
| 1           | BYP26D        | 10th grader completed 3rd grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10804 |
| 1           | BYP26E        | 10th grader completed 4th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10806 |
| 1           | BYP26F        | 10th grader completed 5th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10808 |
| 1           | BYP26G        | 10th grader completed 6th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10810 |
| 1           | BYP26H        | 10th grader completed 7th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10812 |
| 1           | BYP26I        | 10th grader completed 8th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10814 |
| 1           | BYP26J        | 10th grader completed 9th grade outside US                   | BY Parent Questionnaire | Rec #: 1, Pos: 10816 |
| 1           | BYP26K        | 10th grader completed 10th grade outside US                  | BY Parent Questionnaire | Rec #: 1, Pos: 10818 |
| 1           | BYP26L        | 10th grader did not complete any grades outside US           | BY Parent Questionnaire | Rec #: 1, Pos: 10820 |
| 1           | BYP27         | Grade student placed in when started school in US            | BY Parent Questionnaire | Rec #: 1, Pos: 10822 |
| 1           | BYP28         | English is parent respondent's native language               | BY Parent Questionnaire | Rec #: 1, Pos: 10824 |
| 1           | BYP29         | Native language of parent respondent (restricted)            | BY Parent Questionnaire | Rec #: 1, Pos: 10826 |
| 1           | BYP30A        | How often parent speaks native language with spouse/partner  | BY Parent Questionnaire | Rec #: 1, Pos: 10828 |
| 1           | BYP30B        | How often parent speaks native language with children        | BY Parent Questionnaire | Rec #: 1, Pos: 10830 |
| 1           | BYP30C        | How often parent speaks native language with other relatives | BY Parent Questionnaire | Rec #: 1, Pos: 10832 |
| 1           | BYP30D        | How often parent speaks native language with friends         | BY Parent Questionnaire | Rec #: 1, Pos: 10834 |
| 1           | BYP31A        | How well parent understands spoken English                   | BY Parent Questionnaire | Rec #: 1, Pos: 10836 |
| 1           | BYP31B        | How well parent speaks English                               | BY Parent Questionnaire | Rec #: 1, Pos: 10838 |
| 1           | BYP31C        | How well parent reads English                                | BY Parent Questionnaire | Rec #: 1, Pos: 10840 |
| 1           | BYP31D        | How well parent writes English                               | BY Parent Questionnaire | Rec #: 1, Pos: 10842 |
| 1           | BYP32A        | Problems reading English books/magazines                     | BY Parent Questionnaire | Rec #: 1, Pos: 10844 |
| 1           | BYP32B        | Problems parent has filling out forms in English             | BY Parent Questionnaire | Rec #: 1, Pos: 10846 |
| 1           | BYP32C        | Problems parent has understanding 10th grader's teachers     | BY Parent Questionnaire | Rec #: 1, Pos: 10848 |
| 1           | BYP32D        | Problems parent has making self understood by teachers       | BY Parent Questionnaire | Rec #: 1, Pos: 10850 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description     | Position             |
|-------------|---------------|---------------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP32E        | Problems helping 10th grader with homework in English               | BY Parent Questionnaire | Rec #: 1, Pos: 10852 |
| 1           | BYP33         | Religious background of parent respondent                           | BY Parent Questionnaire | Rec #: 1, Pos: 10854 |
| 1           | BYP34A        | Parent's highest level of education completed                       | BY Parent Questionnaire | Rec #: 1, Pos: 10856 |
| 1           | BYP34B        | Spouse/partner's highest level of education completed               | BY Parent Questionnaire | Rec #: 1, Pos: 10858 |
| 1           | BYP35A        | Parent's mother's highest level of education                        | BY Parent Questionnaire | Rec #: 1, Pos: 10860 |
| 1           | BYP35B        | Parent's father's highest level of education                        | BY Parent Questionnaire | Rec #: 1, Pos: 10862 |
| 1           | BYP35C        | Spouse/partner's mother's highest level education                   | BY Parent Questionnaire | Rec #: 1, Pos: 10864 |
| 1           | BYP35D        | Spouse/partner's father's highest level education                   | BY Parent Questionnaire | Rec #: 1, Pos: 10866 |
| 1           | BYP36         | Parent working for pay during past week                             | BY Parent Questionnaire | Rec #: 1, Pos: 10868 |
| 1           | BYP37         | Parent's current work status                                        | BY Parent Questionnaire | Rec #: 1, Pos: 10870 |
| 1           | BYP38         | Whether parent ever held regular job for pay in US                  | BY Parent Questionnaire | Rec #: 1, Pos: 10872 |
| 1           | BYP39A        | Parent's current/most recent job for pay in US (restricted)         | BY Parent Questionnaire | Rec #: 1, Pos: 10874 |
| 1           | BYP39B        | Parent's main job duties (restricted)                               | BY Parent Questionnaire | Rec #: 1, Pos: 10974 |
| 1           | BYP39C        | Parent's job description category                                   | BY Parent Questionnaire | Rec #: 1, Pos: 11174 |
| 1           | BYP40         | Spouse/partner working for pay during past week                     | BY Parent Questionnaire | Rec #: 1, Pos: 11176 |
| 1           | BYP41         | Spouse/partner's current work status                                | BY Parent Questionnaire | Rec #: 1, Pos: 11178 |
| 1           | BYP42         | Whether spouse/partner ever held regular job for pay in US          | BY Parent Questionnaire | Rec #: 1, Pos: 11180 |
| 1           | BYP43A        | Spouse/partner's current/most recent job for pay in US (restricted) | BY Parent Questionnaire | Rec #: 1, Pos: 11182 |
| 1           | BYP43B        | Spouse/partner's main job duties (restricted)                       | BY Parent Questionnaire | Rec #: 1, Pos: 11282 |
| 1           | BYP43C        | Spouse/partner's job description category                           | BY Parent Questionnaire | Rec #: 1, Pos: 11482 |
| 1           | BYP44A        | 10th grader attended day care program                               | BY Parent Questionnaire | Rec #: 1, Pos: 11484 |
| 1           | BYP44B        | 10th grader attended nursery/pre-school                             | BY Parent Questionnaire | Rec #: 1, Pos: 11486 |
| 1           | BYP44C        | 10th grader attended Head Start program                             | BY Parent Questionnaire | Rec #: 1, Pos: 11488 |
| 1           | BYP44D        | 10th grader attended kindergarten                                   | BY Parent Questionnaire | Rec #: 1, Pos: 11490 |
| 1           | BYP45         | # times 10th grader changed schools other than promotions           | BY Parent Questionnaire | Rec #: 1, Pos: 11492 |
| 1           | BYP46         | 10th grader ever held back a grade                                  | BY Parent Questionnaire | Rec #: 1, Pos: 11494 |
| 1           | BYP47A        | 10th grader held back because of parental request                   | BY Parent Questionnaire | Rec #: 1, Pos: 11496 |
| 1           | BYP47B        | 10th grader held back because of school request                     | BY Parent Questionnaire | Rec #: 1, Pos: 11498 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                        | Section Description     | Position             |
|-------------|---------------|-------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP47C        | 10th grader held back for other reason                | BY Parent Questionnaire | Rec #: 1, Pos: 11500 |
| 1           | BYP48A        | 10th grader repeated kindergarten                     | BY Parent Questionnaire | Rec #: 1, Pos: 11502 |
| 1           | BYP48B        | 10th grader repeated 1st grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11504 |
| 1           | BYP48C        | 10th grader repeated 2nd grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11506 |
| 1           | BYP48D        | 10th grader repeated 3rd grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11508 |
| 1           | BYP48E        | 10th grader repeated 4th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11510 |
| 1           | BYP48F        | 10th grader repeated 5th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11512 |
| 1           | BYP48G        | 10th grader repeated 6th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11514 |
| 1           | BYP48H        | 10th grader repeated 7th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11516 |
| 1           | BYP48I        | 10th grader repeated 8th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11518 |
| 1           | BYP48J        | 10th grader repeated 9th grade                        | BY Parent Questionnaire | Rec #: 1, Pos: 11520 |
| 1           | BYP48K        | 10th grader repeated 10th grade                       | BY Parent Questionnaire | Rec #: 1, Pos: 11522 |
| 1           | BYP49         | Thinks 10th grader has disability                     | BY Parent Questionnaire | Rec #: 1, Pos: 11524 |
| 1           | BYP50A        | 10th grader has specific learning disabilities        | BY Parent Questionnaire | Rec #: 1, Pos: 11526 |
| 1           | BYP50B        | 10th grader has speech/language impairments           | BY Parent Questionnaire | Rec #: 1, Pos: 11528 |
| 1           | BYP50C        | 10th grader has mental retardation                    | BY Parent Questionnaire | Rec #: 1, Pos: 11530 |
| 1           | BYP50D        | 10th grader has emotional disturbance                 | BY Parent Questionnaire | Rec #: 1, Pos: 11532 |
| 1           | BYP50E        | 10th grader has hearing impairments                   | BY Parent Questionnaire | Rec #: 1, Pos: 11534 |
| 1           | BYP50F        | 10th grader has orthopedic impairments                | BY Parent Questionnaire | Rec #: 1, Pos: 11536 |
| 1           | BYP50G        | 10th grader has visual impairments                    | BY Parent Questionnaire | Rec #: 1, Pos: 11538 |
| 1           | BYP50H        | 10th grader has other disability                      | BY Parent Questionnaire | Rec #: 1, Pos: 11540 |
| 1           | BYP51         | 10th grader ever had behavior problem at school       | BY Parent Questionnaire | Rec #: 1, Pos: 11542 |
| 1           | BYP52A        | School contacted parent about poor performance        | BY Parent Questionnaire | Rec #: 1, Pos: 11544 |
| 1           | BYP52B        | School contacted parent about school program for year | BY Parent Questionnaire | Rec #: 1, Pos: 11546 |
| 1           | BYP52C        | School contacted parent about plans after high school | BY Parent Questionnaire | Rec #: 1, Pos: 11548 |
| 1           | BYP52D        | School contacted parent about course selection        | BY Parent Questionnaire | Rec #: 1, Pos: 11550 |
| 1           | BYP52E        | School contacted parent about poor attendance         | BY Parent Questionnaire | Rec #: 1, Pos: 11552 |
| 1           | BYP52F        | School contacted parent about problem behavior        | BY Parent Questionnaire | Rec #: 1, Pos: 11554 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description     | Position             |
|-------------|---------------|------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP52G        | School contacted parent about positive/good behavior       | BY Parent Questionnaire | Rec #: 1, Pos: 11556 |
| 1           | BYP52H        | School contacted parent about fundraising/volunteer work   | BY Parent Questionnaire | Rec #: 1, Pos: 11558 |
| 1           | BYP52I        | School contacted parent about helping with homework        | BY Parent Questionnaire | Rec #: 1, Pos: 11560 |
| 1           | BYP52J        | School contacted parent to obtain information for records  | BY Parent Questionnaire | Rec #: 1, Pos: 11562 |
| 1           | BYP53A        | Parent contacted school about poor performance             | BY Parent Questionnaire | Rec #: 1, Pos: 11564 |
| 1           | BYP53B        | Parent contacted school about school program for year      | BY Parent Questionnaire | Rec #: 1, Pos: 11566 |
| 1           | BYP53C        | Parent contacted school about plans after high school      | BY Parent Questionnaire | Rec #: 1, Pos: 11568 |
| 1           | BYP53D        | Parent contacted school about course selection             | BY Parent Questionnaire | Rec #: 1, Pos: 11570 |
| 1           | BYP53E        | Parent contacted school about poor attendance              | BY Parent Questionnaire | Rec #: 1, Pos: 11572 |
| 1           | BYP53F        | Parent contacted school about problem behavior             | BY Parent Questionnaire | Rec #: 1, Pos: 11574 |
| 1           | BYP53G        | Parent contacted school about positive/good behavior       | BY Parent Questionnaire | Rec #: 1, Pos: 11576 |
| 1           | BYP53H        | Parent contacted school about fundraising/volunteer work   | BY Parent Questionnaire | Rec #: 1, Pos: 11578 |
| 1           | BYP53I        | Parent contacted school about helping with homework        | BY Parent Questionnaire | Rec #: 1, Pos: 11580 |
| 1           | BYP53J        | Parent contacted school to provide information for records | BY Parent Questionnaire | Rec #: 1, Pos: 11582 |
| 1           | BYP54A        | Belong to parent-teacher organization                      | BY Parent Questionnaire | Rec #: 1, Pos: 11584 |
| 1           | BYP54B        | Attend parent-teacher organization meetings                | BY Parent Questionnaire | Rec #: 1, Pos: 11586 |
| 1           | BYP54C        | Take part in parent-teach organization activities          | BY Parent Questionnaire | Rec #: 1, Pos: 11588 |
| 1           | BYP54D        | Act as a volunteer at the school                           | BY Parent Questionnaire | Rec #: 1, Pos: 11590 |
| 1           | BYP54E        | Belong to other organization with parents from school      | BY Parent Questionnaire | Rec #: 1, Pos: 11592 |
| 1           | BYP55A        | How often check that homework completed                    | BY Parent Questionnaire | Rec #: 1, Pos: 11594 |
| 1           | BYP55B        | How often discuss report card                              | BY Parent Questionnaire | Rec #: 1, Pos: 11596 |
| 1           | BYP55C        | How often know whereabouts                                 | BY Parent Questionnaire | Rec #: 1, Pos: 11598 |
| 1           | BYP55D        | How often make/enforce school night curfews                | BY Parent Questionnaire | Rec #: 1, Pos: 11600 |
| 1           | BYP56A        | Provide advice about selecting courses or programs         | BY Parent Questionnaire | Rec #: 1, Pos: 11602 |
| 1           | BYP56B        | Provide advice about plans for college entrance exams      | BY Parent Questionnaire | Rec #: 1, Pos: 11604 |
| 1           | BYP56C        | Provide advice about applying to college/school after hs   | BY Parent Questionnaire | Rec #: 1, Pos: 11606 |
| 1           | BYP56D        | Provide advice about jobs to apply for after high school   | BY Parent Questionnaire | Rec #: 1, Pos: 11608 |
| 1           | BYP56E        | Provide information about community/national/world events  | BY Parent Questionnaire | Rec #: 1, Pos: 11610 |
| 1           | BYP56F        | Provide advice about things troubling 10th grader          | BY Parent Questionnaire | Rec #: 1, Pos: 11612 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description     | Position             |
|-------------|---------------|------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP57A        | Attended school activities with 10th grader                | BY Parent Questionnaire | Rec #: 1, Pos: 11614 |
| 1           | BYP57B        | Worked on homework/school projects with 10th grader        | BY Parent Questionnaire | Rec #: 1, Pos: 11616 |
| 1           | BYP57C        | Attended concerts/plays/movies with 10th grader            | BY Parent Questionnaire | Rec #: 1, Pos: 11618 |
| 1           | BYP57D        | Attended sports events outside school with 10th grader     | BY Parent Questionnaire | Rec #: 1, Pos: 11620 |
| 1           | BYP57E        | Attended religious services with 10th grader               | BY Parent Questionnaire | Rec #: 1, Pos: 11622 |
| 1           | BYP57F        | Attended family social functions with 10th grader          | BY Parent Questionnaire | Rec #: 1, Pos: 11624 |
| 1           | BYP57G        | Took day trips/vacations with 10th grader                  | BY Parent Questionnaire | Rec #: 1, Pos: 11626 |
| 1           | BYP57H        | Worked on hobby/played sports with 10th grader             | BY Parent Questionnaire | Rec #: 1, Pos: 11628 |
| 1           | BYP57I        | Went shopping with 10th grader                             | BY Parent Questionnaire | Rec #: 1, Pos: 11630 |
| 1           | BYP57J        | Went to restaurants with 10th grader                       | BY Parent Questionnaire | Rec #: 1, Pos: 11632 |
| 1           | BYP57K        | Spent time talking with 10th grader                        | BY Parent Questionnaire | Rec #: 1, Pos: 11634 |
| 1           | BYP57L        | Did something else fun with 10th grader                    | BY Parent Questionnaire | Rec #: 1, Pos: 11636 |
| 1           | BYP58A        | Most people can learn to be good at math-parent's opinion  | BY Parent Questionnaire | Rec #: 1, Pos: 11638 |
| 1           | BYP58B        | Must be born w/ability to be good at math-parent's opinion | BY Parent Questionnaire | Rec #: 1, Pos: 11640 |
| 1           | BYP59BA       | 1st friend attends same school                             | BY Parent Questionnaire | Rec #: 1, Pos: 11642 |
| 1           | BYP59CA       | Knows 10th grader's 1st friend                             | BY Parent Questionnaire | Rec #: 1, Pos: 11644 |
| 1           | BYP59DA       | Knows mother of 10th grader's 1st friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11646 |
| 1           | BYP59EA       | Knows father of 10th grader's 1st friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11648 |
| 1           | BYP59BB       | 2nd friend attends same school                             | BY Parent Questionnaire | Rec #: 1, Pos: 11650 |
| 1           | BYP59CB       | Knows 10th grader's 2nd friend                             | BY Parent Questionnaire | Rec #: 1, Pos: 11652 |
| 1           | BYP59DB       | Knows mother of 10th grader's 2nd friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11654 |
| 1           | BYP59EB       | Knows father of 10th grader's 2nd friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11656 |
| 1           | BYP59BC       | 3rd friend attends same school                             | BY Parent Questionnaire | Rec #: 1, Pos: 11658 |
| 1           | BYP59CC       | Knows 10th grader's 3rd friend                             | BY Parent Questionnaire | Rec #: 1, Pos: 11660 |
| 1           | BYP59DC       | Knows mother of 10th grader's 3rd friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11662 |
| 1           | BYP59EC       | Knows father of 10th grader's 3rd friend                   | BY Parent Questionnaire | Rec #: 1, Pos: 11664 |
| 1           | BYP60A        | Friend's parent gave advice about teachers/courses         | BY Parent Questionnaire | Rec #: 1, Pos: 11666 |
| 1           | BYP60B        | Friend's parent did favor                                  | BY Parent Questionnaire | Rec #: 1, Pos: 11668 |
| 1           | BYP60C        | Friend's parent received favor                             | BY Parent Questionnaire | Rec #: 1, Pos: 11670 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description     | Position             |
|-------------|---------------|----------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP60D        | Friend's parent supervised 10th grader on field trip           | BY Parent Questionnaire | Rec #: 1, Pos: 11672 |
| 1           | BYP61         | 10th grader has biological/adoptive parent living outside home | BY Parent Questionnaire | Rec #: 1, Pos: 11674 |
| 1           | BYP62         | 10th grader has contact with non-resident parent               | BY Parent Questionnaire | Rec #: 1, Pos: 11676 |
| 1           | BYP63         | Non-resident parent's participation in education decisions     | BY Parent Questionnaire | Rec #: 1, Pos: 11678 |
| 1           | BYP64A        | Non-resident parent attended school open-house                 | BY Parent Questionnaire | Rec #: 1, Pos: 11680 |
| 1           | BYP64B        | Non-resident parent attended PTA/PTO meeting                   | BY Parent Questionnaire | Rec #: 1, Pos: 11682 |
| 1           | BYP64C        | Non-resident parent attended parent/teacher conference         | BY Parent Questionnaire | Rec #: 1, Pos: 11684 |
| 1           | BYP64D        | Non-resident parent attended school/class event                | BY Parent Questionnaire | Rec #: 1, Pos: 11686 |
| 1           | BYP65         | # of years parent has lived in current neighborhood            | BY Parent Questionnaire | Rec #: 1, Pos: 11688 |
| 1           | BYP66         | How involved parent feels in neighborhood/community            | BY Parent Questionnaire | Rec #: 1, Pos: 11690 |
| 1           | BYP67         | Level of crime in neighborhood                                 | BY Parent Questionnaire | Rec #: 1, Pos: 11692 |
| 1           | BYP68         | How safe is neighborhood                                       | BY Parent Questionnaire | Rec #: 1, Pos: 11694 |
| 1           | BYP69A        | Family rules for 10th grader about maintaining grade average   | BY Parent Questionnaire | Rec #: 1, Pos: 11696 |
| 1           | BYP69B        | Family rules for 10th grader about doing homework              | BY Parent Questionnaire | Rec #: 1, Pos: 11698 |
| 1           | BYP69C        | Family rules for 10th grader about doing household chores      | BY Parent Questionnaire | Rec #: 1, Pos: 11700 |
| 1           | BYP69D        | Family rules for 10th grader about watching TV                 | BY Parent Questionnaire | Rec #: 1, Pos: 11702 |
| 1           | BYP70         | Days/week eat at least one meal with 10th grader               | BY Parent Questionnaire | Rec #: 1, Pos: 11704 |
| 1           | BYP71         | Computer in home that 10th grader may use                      | BY Parent Questionnaire | Rec #: 1, Pos: 11706 |
| 1           | BYP72         | Computer has access to Internet                                | BY Parent Questionnaire | Rec #: 1, Pos: 11708 |
| 1           | BYP73         | Uses computer to communicate with 10th grader's school         | BY Parent Questionnaire | Rec #: 1, Pos: 11710 |
| 1           | BYP74A        | How often e-mails teachers/staff about 10th grader             | BY Parent Questionnaire | Rec #: 1, Pos: 11712 |
| 1           | BYP74B        | How often uses computer to learn about school events           | BY Parent Questionnaire | Rec #: 1, Pos: 11714 |
| 1           | BYP74C        | How often uses computer to express concern over policy         | BY Parent Questionnaire | Rec #: 1, Pos: 11716 |
| 1           | BYP74D        | How often uses computer to select classes for 10th grader      | BY Parent Questionnaire | Rec #: 1, Pos: 11718 |
| 1           | BYP74E        | How often uses computer to get information about homework      | BY Parent Questionnaire | Rec #: 1, Pos: 11720 |
| 1           | BYP75         | School has voice-messaging system                              | BY Parent Questionnaire | Rec #: 1, Pos: 11722 |
| 1           | BYP76         | How often use voice-messaging system                           | BY Parent Questionnaire | Rec #: 1, Pos: 11724 |
| 1           | BYP77A        | School assigns too little homework                             | BY Parent Questionnaire | Rec #: 1, Pos: 11726 |
| 1           | BYP77B        | 10th grader challenged at school                               | BY Parent Questionnaire | Rec #: 1, Pos: 11728 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description     | Position             |
|-------------|---------------|-------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYP77C        | 10th grader working hard at school                          | BY Parent Questionnaire | Rec #: 1, Pos: 11730 |
| 1           | BYP77D        | School preparing students well for jobs in workplace        | BY Parent Questionnaire | Rec #: 1, Pos: 11732 |
| 1           | BYP77E        | School preparing students well for college                  | BY Parent Questionnaire | Rec #: 1, Pos: 11734 |
| 1           | BYP77F        | The school is a safe place                                  | BY Parent Questionnaire | Rec #: 1, Pos: 11736 |
| 1           | BYP77G        | Parents have adequate say in setting school policy          | BY Parent Questionnaire | Rec #: 1, Pos: 11738 |
| 1           | BYP77H        | Parents work together supporting school policy              | BY Parent Questionnaire | Rec #: 1, Pos: 11740 |
| 1           | BYP77I        | 10th grader's teachers are well trained                     | BY Parent Questionnaire | Rec #: 1, Pos: 11742 |
| 1           | BYP77J        | Drinking on school grounds is problem                       | BY Parent Questionnaire | Rec #: 1, Pos: 11744 |
| 1           | BYP77K        | Drug use on school grounds is problem                       | BY Parent Questionnaire | Rec #: 1, Pos: 11746 |
| 1           | BYP77L        | Sale/use of drugs on way to/from school is problem          | BY Parent Questionnaire | Rec #: 1, Pos: 11748 |
| 1           | BYP77M        | Theft on school grounds is problem                          | BY Parent Questionnaire | Rec #: 1, Pos: 11750 |
| 1           | BYP77N        | Violence on school grounds is problem                       | BY Parent Questionnaire | Rec #: 1, Pos: 11752 |
| 1           | BYP77O        | Lack of discipline in class is problem                      | BY Parent Questionnaire | Rec #: 1, Pos: 11754 |
| 1           | BYP78         | Satisfaction with 10th grader's education up to now         | BY Parent Questionnaire | Rec #: 1, Pos: 11756 |
| 1           | BYP79         | How far in school wants 10th grader to go                   | BY Parent Questionnaire | Rec #: 1, Pos: 11758 |
| 1           | BYP80A        | Post-sec school's low expenses important to parent          | BY Parent Questionnaire | Rec #: 1, Pos: 11760 |
| 1           | BYP80B        | Availability of post-sec financial aid important to parent  | BY Parent Questionnaire | Rec #: 1, Pos: 11762 |
| 1           | BYP80C        | Post-sec school's courses/curriculum important to parent    | BY Parent Questionnaire | Rec #: 1, Pos: 11764 |
| 1           | BYP80D        | Post-sec school's athletic program important to parent      | BY Parent Questionnaire | Rec #: 1, Pos: 11766 |
| 1           | BYP80E        | Post-sec school's active social life important to parent    | BY Parent Questionnaire | Rec #: 1, Pos: 11768 |
| 1           | BYP80F        | Living at home while attending post-sec important to parent | BY Parent Questionnaire | Rec #: 1, Pos: 11770 |
| 1           | BYP80G        | Away from home while attending post-sec important to parent | BY Parent Questionnaire | Rec #: 1, Pos: 11772 |
| 1           | BYP80H        | Post-sec school's religious environment important to parent | BY Parent Questionnaire | Rec #: 1, Pos: 11774 |
| 1           | BYP80I        | Post-sec school's low crime important to parent             | BY Parent Questionnaire | Rec #: 1, Pos: 11776 |
| 1           | BYP80J        | Post-sec school's job placement record important to parent  | BY Parent Questionnaire | Rec #: 1, Pos: 11778 |
| 1           | BYP80K        | Post-sec school's grad school placement important to parent | BY Parent Questionnaire | Rec #: 1, Pos: 11780 |
| 1           | BYP80L        | Post-sec school's academic reputation important to parent   | BY Parent Questionnaire | Rec #: 1, Pos: 11782 |
| 1           | BYP80M        | Post-sec school's easy admission important to parent        | BY Parent Questionnaire | Rec #: 1, Pos: 11784 |
| 1           | BYP80N        | Post-sec school's racial/ethnic makeup important to parent  | BY Parent Questionnaire | Rec #: 1, Pos: 11786 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description                | Position             |
|-------------|---------------|---------------------------------------------------------------|------------------------------------|----------------------|
| 1           | BYP80O        | Post-sec school's size important to parent                    | BY Parent Questionnaire            | Rec #: 1, Pos: 11788 |
| 1           | BYP81         | How far in school parent expects 10th grader will go          | BY Parent Questionnaire            | Rec #: 1, Pos: 11790 |
| 1           | BYP82         | Savings efforts for 10th grader's education after high school | BY Parent Questionnaire            | Rec #: 1, Pos: 11792 |
| 1           | BYP83A        | Started a savings account                                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11794 |
| 1           | BYP83B        | Bought an insurance policy                                    | BY Parent Questionnaire            | Rec #: 1, Pos: 11796 |
| 1           | BYP83C        | Bought U.S. savings bonds                                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11798 |
| 1           | BYP83D        | Made investments in stocks/real estate                        | BY Parent Questionnaire            | Rec #: 1, Pos: 11800 |
| 1           | BYP83E        | Set up a college investment fund                              | BY Parent Questionnaire            | Rec #: 1, Pos: 11802 |
| 1           | BYP83F        | Started working another job/more hours                        | BY Parent Questionnaire            | Rec #: 1, Pos: 11804 |
| 1           | BYP83G        | Established another form of savings                           | BY Parent Questionnaire            | Rec #: 1, Pos: 11806 |
| 1           | BYP83H        | Reduced other expenses in some way                            | BY Parent Questionnaire            | Rec #: 1, Pos: 11808 |
| 1           | BYP83I        | Planned to reduce other expenses in some way                  | BY Parent Questionnaire            | Rec #: 1, Pos: 11810 |
| 1           | BYP83J        | Remortgaged property/took out home-equity loan                | BY Parent Questionnaire            | Rec #: 1, Pos: 11812 |
| 1           | BYP83K        | Planned to remortgage property/take out home-equity loan      | BY Parent Questionnaire            | Rec #: 1, Pos: 11814 |
| 1           | BYP83L        | Had 10th grader put aside earnings                            | BY Parent Questionnaire            | Rec #: 1, Pos: 11816 |
| 1           | BYP83M        | Participated in state-sponsored college savings program       | BY Parent Questionnaire            | Rec #: 1, Pos: 11818 |
| 1           | BYP84         | Amount of money set aside for 10th grader's future education  | BY Parent Questionnaire            | Rec #: 1, Pos: 11820 |
| 1           | BYP85         | Total family income from all sources 2001                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11822 |
| 1           | BYP86         | # of earners contributed to family income                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11824 |
| 1           | BYP97         | Received help in completing questionnaire                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11826 |
| 1           | BYP98A        | 10th grader helped with questionnaire                         | BY Parent Questionnaire            | Rec #: 1, Pos: 11828 |
| 1           | BYP98B        | Spouse/partner helped with questionnaire                      | BY Parent Questionnaire            | Rec #: 1, Pos: 11830 |
| 1           | BYP98C        | Other family member helped with questionnaire                 | BY Parent Questionnaire            | Rec #: 1, Pos: 11832 |
| 1           | BYP98D        | A friend helped with questionnaire                            | BY Parent Questionnaire            | Rec #: 1, Pos: 11834 |
| 1           | BYP98E        | Other person in community helped with questionnaire           | BY Parent Questionnaire            | Rec #: 1, Pos: 11836 |
| 1           | BYP99         | Year/month parent questionnaire completed                     | BY Parent Questionnaire            | Rec #: 1, Pos: 11838 |
| 1           | BYTE01        | Taught student in fall 2001 (English)                         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11844 |
| 1           | BYTE02        | How well remembers student from fall semester (English)       | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11846 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description                | Position             |
|-------------|---------------|---------------------------------------------------------------------|------------------------------------|----------------------|
| 1           | BYTE03        | Taught student in spring 2002 (English)                             | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11848 |
| 1           | BYTE04        | Student usually works hard for good grades (English)                | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11850 |
| 1           | BYTE05        | Student relates well to others (English)                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11852 |
| 1           | BYTE06        | Student is exceptionally passive (English)                          | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11854 |
| 1           | BYTE07        | Student talks with teacher outside of class (English)               | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11856 |
| 1           | BYTE08A       | Spoke to parents about poor performance (English)                   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11858 |
| 1           | BYTE08B       | Spoke to parents about disruptive behavior (English)                | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11860 |
| 1           | BYTE08C       | Spoke to parents about not doing homework (English)                 | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11862 |
| 1           | BYTE08D       | Spoke to parents about absenteeism (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11864 |
| 1           | BYTE08E       | Spoke to parents about accomplishments (English)                    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11866 |
| 1           | BYTE09        | Parents' level of involvement in academic performance (English)     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11868 |
| 1           | BYTE10        | Difficulty of class for student (English)                           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11870 |
| 1           | BYTE11        | Student has disability that affects school work (English)           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11872 |
| 1           | BYTE12        | Student has fallen behind in school work (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11874 |
| 1           | BYTE12A       | Student behind due to health problem (English)                      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11876 |
| 1           | BYTE12B       | Student behind due to LEP (English)                                 | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11878 |
| 1           | BYTE12C       | Student behind due to disciplinary action (English)                 | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11880 |
| 1           | BYTE12D       | Student behind due to lack of effort (English)                      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11882 |
| 1           | BYTE12E       | Student behind due to other reason (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11884 |
| 1           | BYTE13        | How often student completes homework (English)                      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11886 |
| 1           | BYTE14        | How often student is absent (English)                               | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11888 |
| 1           | BYTE15        | How often student is tardy (English)                                | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11890 |
| 1           | BYTE16        | How often student is attentive in class (English)                   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11892 |
| 1           | BYTE17        | How often student is disruptive in class (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11894 |
| 1           | BYTE18A       | Spoke to counselor about poor performance (English)                 | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11896 |
| 1           | BYTE18B       | Spoke to counselor about disruptive behavior (English)              | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11898 |
| 1           | BYTE19        | Recommended student for AP/honors classes/academic honors (English) | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11900 |
| 1           | BYTE20        | How far teacher expects student to get in school (English)          | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11902 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description                | Position             |
|-------------|---------------|--------------------------------------------------------------------|------------------------------------|----------------------|
| 1           | BYTE21A       | How well student organizes ideas (English)                         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11904 |
| 1           | BYTE21B       | How well student uses grammar (English)                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11906 |
| 1           | BYTE21C       | How well student uses appropriate detail (English)                 | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11908 |
| 1           | BYTE21D       | How well student expresses critical/creative thought (English)     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11910 |
| 1           | BYTE22        | Teacher's sex (English)                                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11912 |
| 1           | BYTE23        | Teacher is Hispanic (English)                                      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11914 |
| 1           | BYTE24A       | Teacher is White (English) - restricted                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11916 |
| 1           | BYTE24B       | Teacher is Black/African American (English) - restricted           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11918 |
| 1           | BYTE24C       | Teacher is Asian (English) - restricted                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11920 |
| 1           | BYTE24D       | Teacher is Native Hawaiian/Pacific Islander (English) - restricted | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11922 |
| 1           | BYTE24E       | Teacher is American Indian/Alaska Native (English) - restricted    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11924 |
| 1           | BYTE25        | Teacher's year of birth (English)                                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11926 |
| 1           | BYTE26A       | Years teaching at elementary level/K-6 (English)                   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11930 |
| 1           | BYTE26B       | Years teaching at secondary level/7-12 (English)                   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11932 |
| 1           | BYTE26C       | Total years teaching/K-12 (English)                                | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11934 |
| 1           | BYTE27        | Total years teaching in this school (English)                      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11936 |
| 1           | BYTE28        | Employment status in this school/system (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11938 |
| 1           | BYTE29        | Type of certification held in English (English)                    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11940 |
| 1           | BYTE30A       | No academic degree held (English)                                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11942 |
| 1           | BYTE30B       | Associate degree held (English)                                    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11944 |
| 1           | BYTE30C       | Bachelor's degree held (English)                                   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11946 |
| 1           | BYTE30D       | Education specialist degree held (English)                         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11948 |
| 1           | BYTE30E       | Master's degree held (English)                                     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11950 |
| 1           | BYTE30F       | Doctorate degree held (English)                                    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11952 |
| 1           | BYTE30G       | First professional degree held (English)                           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11954 |
| 1           | BYTE31A       | Bachelor's degree major (English)                                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11956 |
| 1           | BYTE31B       | Bachelor's degree minor/2nd major (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11958 |
| 1           | BYTE32A       | Highest graduate degree major (English)                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11960 |
| 1           | BYTE32B       | Highest graduate degree minor/2nd major (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11962 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description                | Position             |
|-------------|---------------|-----------------------------------------------------------------------|------------------------------------|----------------------|
| 1           | BYTE33A       | # undergraduate English courses taken (English)                       | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11964 |
| 1           | BYTE33B       | # graduate English courses taken (English)                            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11966 |
| 1           | BYTE34        | If starting over whether would be a teacher again (English)           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11968 |
| 1           | BYTE35A       | How often use computer to create materials (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11970 |
| 1           | BYTE35B       | How often use WWW sites to plan lessons (English)                     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11972 |
| 1           | BYTE35C       | How often access model lesson plans from Internet (English)           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11974 |
| 1           | BYTE35D       | How often research teaching on Internet (English)                     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11976 |
| 1           | BYTE35E       | How often take professional development courses on Internet (English) | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11978 |
| 1           | BYTE35F       | How often use Internet for colleague discussions (English)            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11980 |
| 1           | BYTE35G       | How often download instructional software from Internet (English)     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11982 |
| 1           | BYTE35H       | How often use computer to give class presentations (English)          | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11984 |
| 1           | BYTE35I       | How often use computer for administrative records (English)           | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11986 |
| 1           | BYTE35J       | How often use computer to prepare multimedia presentations (English)  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11988 |
| 1           | BYTE35K       | How often use computer to communicate w/colleagues (English)          | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11990 |
| 1           | BYTE35L       | How often use computer to communicate w/parents (English)             | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11992 |
| 1           | BYTE35M       | How often use computer to communicate w/students (English)            | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11994 |
| 1           | BYTE35N       | How often use computer to post homework/information (English)         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11996 |
| 1           | BYTE36        | Hours of training on teaching special education students (English)    | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 11998 |
| 1           | BYTE37        | Has had eight hours training on teaching LEP students (English)       | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12000 |
| 1           | BYTE38A       | Received training in basic computer skills (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12002 |
| 1           | BYTE38B       | Received training in software applications (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12004 |
| 1           | BYTE38C       | Received training in use of Internet (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12006 |
| 1           | BYTE38D       | Received training in use of other technology (English)                | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12008 |
| 1           | BYTE38E       | Received training in integrating technology in curriculum (English)   | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12010 |
| 1           | BYTE38F       | Received follow-up or advanced training (English)                     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12012 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description                | Position             |
|-------------|---------------|-----------------------------------------------------------------|------------------------------------|----------------------|
| 1           | BYTE39        | Days missed teaching during 1st semester (English)              | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12014 |
| 1           | BYTE40        | Holds additional full-time job (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12016 |
| 1           | BYTE41        | Additional full-time job related to education (English)         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12018 |
| 1           | BYTE42        | Holds additional part-time job (English)                        | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12020 |
| 1           | BYTE43        | Additional part-time job related to education (English)         | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12022 |
| 1           | BYTE44A       | Importance of home background to student success (English)      | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12024 |
| 1           | BYTE44B       | Importance of intellectual ability to student success (English) | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12026 |
| 1           | BYTE44C       | Importance of student's enthusiasm to student success (English) | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12028 |
| 1           | BYTE44D       | Importance of teacher's attention to student success (English)  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12030 |
| 1           | BYTE44E       | Importance of teaching methods to student success (English)     | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12032 |
| 1           | BYTE44F       | Importance of teacher's enthusiasm to student success (English) | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12034 |
| 1           | BYTE47        | Date teacher questionnaire completed (English)                  | BY Teacher Questionnaire (English) | Rec #: 1, Pos: 12036 |
| 1           | BYTM01        | Taught student in fall 2001 (math)                              | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12042 |
| 1           | BYTM02        | How well remembers student from fall semester (math)            | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12044 |
| 1           | BYTM03        | Taught student in spring 2002 (math)                            | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12046 |
| 1           | BYTM04        | Student usually works hard for good grades (math)               | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12048 |
| 1           | BYTM05        | Student relates well to others (math)                           | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12050 |
| 1           | BYTM06        | Student is exceptionally passive (math)                         | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12052 |
| 1           | BYTM07        | Student talks with teacher outside of class (math)              | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12054 |
| 1           | BYTM08A       | Spoke to parents about poor performance (math)                  | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12056 |
| 1           | BYTM08B       | Spoke to parents about disruptive behavior (math)               | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12058 |
| 1           | BYTM08C       | Spoke to parents about not doing homework (math)                | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12060 |
| 1           | BYTM08D       | Spoke to parents about absenteeism (math)                       | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12062 |
| 1           | BYTM08E       | Spoke to parents about accomplishments (math)                   | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12064 |
| 1           | BYTM09        | Parents' level of involvement (math)                            | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12066 |
| 1           | BYTM10        | Difficulty of class for student (math)                          | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12068 |
| 1           | BYTM11        | Student has disability that affects school work (math)          | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12070 |
| 1           | BYTM12        | Student has fallen behind in school work (math)                 | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12072 |
| 1           | BYTM12A       | Student behind due to health problem (math)                     | BY Teacher Questionnaire (Math)    | Rec #: 1, Pos: 12074 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description             | Position             |
|-------------|---------------|------------------------------------------------------------------|---------------------------------|----------------------|
| 1           | BYTM12B       | Student behind due to LEP (math)                                 | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12076 |
| 1           | BYTM12C       | Student behind due to disciplinary action (math)                 | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12078 |
| 1           | BYTM12D       | Student behind due to lack of effort (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12080 |
| 1           | BYTM12E       | Student behind due to other reason (math)                        | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12082 |
| 1           | BYTM13        | How often student completes homework (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12084 |
| 1           | BYTM14        | How often student is absent (math)                               | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12086 |
| 1           | BYTM15        | How often student is tardy (math)                                | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12088 |
| 1           | BYTM16        | How often student is attentive in class (math)                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12090 |
| 1           | BYTM17        | How often student is disruptive in class (math)                  | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12092 |
| 1           | BYTM18A       | Spoke to counselor about poor performance (math)                 | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12094 |
| 1           | BYTM18B       | Spoke to counselor about disruptive behavior (math)              | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12096 |
| 1           | BYTM19        | Recommended student for AP/honors classes/academic honors (math) | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12098 |
| 1           | BYTM20        | How far teacher expects student to get in school (math)          | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12100 |
| 1           | BYTM22        | Teacher's sex (math)                                             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12102 |
| 1           | BYTM23        | Teacher is Hispanic (math)                                       | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12104 |
| 1           | BYTM24A       | Teacher is White (math) - restricted                             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12106 |
| 1           | BYTM24B       | Teacher is Black/African American (math) - restricted            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12108 |
| 1           | BYTM24C       | Teacher is Asian (math) - restricted                             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12110 |
| 1           | BYTM24D       | Teacher is Native Hawaiian/Pacific Islander (math) - restricted  | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12112 |
| 1           | BYTM24E       | Teacher is American Indian/Alaska Native (math) - restricted     | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12114 |
| 1           | BYTM25        | Teacher's year of birth (math)                                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12116 |
| 1           | BYTM26A       | Years teaching at elementary level/K-6 (math)                    | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12120 |
| 1           | BYTM26B       | Years teaching at secondary level/7-12 (math)                    | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12122 |
| 1           | BYTM26C       | Total years teaching/K-12 (math)                                 | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12124 |
| 1           | BYTM27        | Total years teaching in this school (math)                       | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12126 |
| 1           | BYTM28        | Employment status in this school/system (math)                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12128 |
| 1           | BYTM29        | Type of certification held in math (math)                        | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12130 |
| 1           | BYTM30A       | No academic degree held (math)                                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12132 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description             | Position             |
|-------------|---------------|---------------------------------------------------------------------|---------------------------------|----------------------|
| 1           | BYTM30B       | Associate degree held (math)                                        | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12134 |
| 1           | BYTM30C       | Bachelor's degree held (math)                                       | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12136 |
| 1           | BYTM30D       | Education specialist degree held (math)                             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12138 |
| 1           | BYTM30E       | Master's degree held (math)                                         | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12140 |
| 1           | BYTM30F       | Doctorate degree held (math)                                        | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12142 |
| 1           | BYTM30G       | First professional degree held (math)                               | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12144 |
| 1           | BYTM31A       | Bachelor's degree major (math)                                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12146 |
| 1           | BYTM31B       | Bachelor's degree minor/2nd major (math)                            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12148 |
| 1           | BYTM32A       | Highest graduate degree major (math)                                | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12150 |
| 1           | BYTM32B       | Highest graduate degree minor/2nd major (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12152 |
| 1           | BYTM33C       | # undergraduate math courses taken (math)                           | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12154 |
| 1           | BYTM33D       | # graduate math courses taken (math)                                | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12156 |
| 1           | BYTM34        | If starting over whether would be a teacher again (math)            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12158 |
| 1           | BYTM35A       | How often use computer to create materials (math)                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12160 |
| 1           | BYTM35B       | How often use Web sites to plan lessons (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12162 |
| 1           | BYTM35C       | How often use model lesson plans from Internet (math)               | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12164 |
| 1           | BYTM35D       | How often use Internet for research on teaching (math)              | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12166 |
| 1           | BYTM35E       | How often take professional development courses via Internet (math) | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12168 |
| 1           | BYTM35F       | How often use Internet for colleague discussions (math)             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12170 |
| 1           | BYTM35G       | How often download instructional software from Internet (math)      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12172 |
| 1           | BYTM35H       | How often use computer to give class presentations (math)           | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12174 |
| 1           | BYTM35I       | How often use computer for administrative records (math)            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12176 |
| 1           | BYTM35J       | How often use computer to prepare multimedia presentations (math)   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12178 |
| 1           | BYTM35K       | How often use computer to communicate w/colleagues (math)           | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12180 |
| 1           | BYTM35L       | How often use computer to communicate w/parents (math)              | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12182 |
| 1           | BYTM35M       | How often use computer to communicate w/students (math)             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12184 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description             | Position             |
|-------------|---------------|------------------------------------------------------------------|---------------------------------|----------------------|
| 1           | BYTM35N       | How often use computer to post homework/information (math)       | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12186 |
| 1           | BYTM36        | Hours of training on teaching special education students (math)  | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12188 |
| 1           | BYTM37        | Had eight hours training on teaching LEP students (math)         | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12190 |
| 1           | BYTM38A       | Received training in basic computer skills (math)                | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12192 |
| 1           | BYTM38B       | Received training in software applications (math)                | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12194 |
| 1           | BYTM38C       | Received training in use of Internet (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12196 |
| 1           | BYTM38D       | Received training in use of other technology (math)              | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12198 |
| 1           | BYTM38E       | Received training in integrating technology in curriculum (math) | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12200 |
| 1           | BYTM38F       | Received follow-up or advanced training (math)                   | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12202 |
| 1           | BYTM39        | Days missed teaching during 1st semester (math)                  | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12204 |
| 1           | BYTM40        | Holds additional full-time job (math)                            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12206 |
| 1           | BYTM41        | Additional full-time job related to education (math)             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12208 |
| 1           | BYTM42        | Holds additional part-time job (math)                            | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12210 |
| 1           | BYTM43        | Additional part-time job related to education (math)             | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12212 |
| 1           | BYTM44A       | Importance of home background to student success (math)          | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12214 |
| 1           | BYTM44B       | Importance of intellectual ability to student success (math)     | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12216 |
| 1           | BYTM44C       | Importance of student's enthusiasm to student success (math)     | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12218 |
| 1           | BYTM44D       | Importance of teacher's attention to student success (math)      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12220 |
| 1           | BYTM44E       | Importance of teaching methods to student success (math)         | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12222 |
| 1           | BYTM44F       | Importance of teacher's enthusiasm to student success (math)     | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12224 |
| 1           | BYTM45A       | People can learn to be good at math (math)                       | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12226 |
| 1           | BYTM45B       | People must be born with math ability (math)                     | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12228 |
| 1           | BYTM47        | Date teacher questionnaire completed (math)                      | BY Teacher Questionnaire (Math) | Rec #: 1, Pos: 12230 |
| 1           | BYADMSTA      | Base year administrator questionnaire status                     | BY School Composites            | Rec #: 1, Pos: 12236 |
| 1           | BYSCMDST      | Base Year library media center questionnaire status (restricted) | BY School Composites            | Rec #: 1, Pos: 12238 |
| 1           | BYSCMDFG      | Base year library media center questionnaire flag                | BY School Composites            | Rec #: 1, Pos: 12240 |
| 1           | BYFTTP        | Number of full-time teachers categorical                         | BY School Composites            | Rec #: 1, Pos: 12242 |
| 1           | F1ADMSTA      | F1 administrator questionnaire status                            | F1 School Composites            | Rec #: 1, Pos: 12244 |
| 1           | F1SCENP       | Oct 2003 total school enrollment-administrator quex-categorical  | F1 School Composites            | Rec #: 1, Pos: 12246 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                            | Section Description         | Position             |
|-------------|---------------|-----------------------------------------------------------|-----------------------------|----------------------|
| 1           | F1SCFLP       | F1 School percent free lunch-categorical                  | F1 School Composites        | Rec #: 1, Pos: 12248 |
| 1           | F1FTTP        | F1 Number of full-time teachers categorical               | F1 School Composites        | Rec #: 1, Pos: 12250 |
| 1           | NCESDI        | NCES school district ID number (restricted)               | External Source School Data | Rec #: 1, Pos: 12252 |
| 1           | NCESSI        | School identification number from CCD or PSS (restricted) | External Source School Data | Rec #: 1, Pos: 12259 |
| 1           | CP01FLUN      | Percent free lunch-2000/01 CCD (restricted)               | External Source School Data | Rec #: 1, Pos: 12271 |
| 1           | CP01FTE       | Number FTE teachers-2000/01 CCD (restricted)              | External Source School Data | Rec #: 1, Pos: 12277 |
| 1           | CP01G9EN      | Grade 9 enrollment-2000/01 CCD (restricted)               | External Source School Data | Rec #: 1, Pos: 12283 |
| 1           | CP01GRHI      | Highest Grade-2000/01 CCD (restricted)                    | External Source School Data | Rec #: 1, Pos: 12287 |
| 1           | CP01GRLO      | Lowest Grade-2000/01 CCD (restricted)                     | External Source School Data | Rec #: 1, Pos: 12289 |
| 1           | CP01LOC       | School locale-2000/01 CCD (restricted)                    | External Source School Data | Rec #: 1, Pos: 12291 |
| 1           | CP01PMIN      | Percent minority-2000/01 CCD (restricted)                 | External Source School Data | Rec #: 1, Pos: 12293 |
| 1           | CP01STEN      | Total school enrollment-2000/01 CCD (restricted)          | External Source School Data | Rec #: 1, Pos: 12299 |
| 1           | CP01STRO      | Student/teacher ratio-2000/01 CCD (restricted)            | External Source School Data | Rec #: 1, Pos: 12303 |
| 1           | CP01STYP      | School type-2000/01 CCD (restricted)                      | External Source School Data | Rec #: 1, Pos: 12308 |
| 1           | CP02FLUN      | Percent free lunch-2001/02 CCD/PSS (restricted)           | External Source School Data | Rec #: 1, Pos: 12310 |
| 1           | CP02FTE       | Number FTE teachers-2001/02 CCD/PSS (restricted)          | External Source School Data | Rec #: 1, Pos: 12316 |
| 1           | CP02G10E      | Grade 10 enrollment-2001/02 CCD/PSS (restricted)          | External Source School Data | Rec #: 1, Pos: 12322 |
| 1           | CP02GRHI      | Highest Grade-2001/02 CCD/PSS (restricted)                | External Source School Data | Rec #: 1, Pos: 12326 |
| 1           | CP02GRLO      | Lowest Grade-2001/02 CCD/PSS (restricted)                 | External Source School Data | Rec #: 1, Pos: 12328 |
| 1           | CP02LOC       | School locale-2001/02 CCD/PSS (restricted)                | External Source School Data | Rec #: 1, Pos: 12330 |
| 1           | CP02PMIN      | Percent minority-2001/02 CCD/PSS (restricted)             | External Source School Data | Rec #: 1, Pos: 12332 |
| 1           | CP02STEN      | Total school enrollment-2001/02 CCD/PSS (restricted)      | External Source School Data | Rec #: 1, Pos: 12338 |
| 1           | CP02STRO      | Student/teacher ratio-2001/02 CCD/PSS (restricted)        | External Source School Data | Rec #: 1, Pos: 12342 |
| 1           | CP02STYP      | School type-2001/02 CCD/PSS (restricted)                  | External Source School Data | Rec #: 1, Pos: 12347 |
| 1           | CP03FLUN      | Percent free lunch-2002/03 CCD (restricted)               | External Source School Data | Rec #: 1, Pos: 12349 |
| 1           | CP03FTE       | Number FTE teachers-2002/03 CCD (restricted)              | External Source School Data | Rec #: 1, Pos: 12355 |
| 1           | CP03G11E      | Grade 11 enrollment-2002/03 CCD (restricted)              | External Source School Data | Rec #: 1, Pos: 12361 |
| 1           | CP03GRHI      | Highest Grade-2002/03 CCD (restricted)                    | External Source School Data | Rec #: 1, Pos: 12365 |
| 1           | CP03GRLO      | Lowest Grade-2002/03 CCD (restricted)                     | External Source School Data | Rec #: 1, Pos: 12367 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description            | Position             |
|-------------|---------------|----------------------------------------------------------|--------------------------------|----------------------|
| 1           | CP03LOC       | School locale-2002/03 CCD (restricted)                   | External Source School Data    | Rec #: 1, Pos: 12369 |
| 1           | CP03PMIN      | Percent minority-2002/03 CCD (restricted)                | External Source School Data    | Rec #: 1, Pos: 12371 |
| 1           | CP03STEN      | Total school enrollment-2002/03 CCD (restricted)         | External Source School Data    | Rec #: 1, Pos: 12377 |
| 1           | CP03STRO      | Student/teacher ratio-2002/03 CCD (restricted)           | External Source School Data    | Rec #: 1, Pos: 12381 |
| 1           | CP03STYP      | School type-2002/03 CCD (restricted)                     | External Source School Data    | Rec #: 1, Pos: 12387 |
| 1           | CP04FLUN      | Percent free lunch-2003/04 CCD/PSS (restricted)          | External Source School Data    | Rec #: 1, Pos: 12389 |
| 1           | CP04FTE       | Number FTE teachers-2003/04 CCD/PSS (restricted)         | External Source School Data    | Rec #: 1, Pos: 12395 |
| 1           | CP04G12E      | Grade 12 enrollment-2003/04 CCD/PSS (restricted)         | External Source School Data    | Rec #: 1, Pos: 12401 |
| 1           | CP04GRHI      | Highest Grade-2003/04 CCD/PSS (restricted)               | External Source School Data    | Rec #: 1, Pos: 12405 |
| 1           | CP04GRLO      | Lowest Grade-2003/04 CCD/PSS (restricted)                | External Source School Data    | Rec #: 1, Pos: 12407 |
| 1           | CP04LOC       | School locale-2003/04 CCD/PSS (restricted)               | External Source School Data    | Rec #: 1, Pos: 12409 |
| 1           | CP04PMIN      | Percent minority-2003/04 CCD/PSS (restricted)            | External Source School Data    | Rec #: 1, Pos: 12411 |
| 1           | CP04STEN      | Total school enrollment-2003/04 CCD/PSS (restricted)     | External Source School Data    | Rec #: 1, Pos: 12417 |
| 1           | CP04STRO      | Student/teacher ratio-2003/04 CCD/PSS (restricted)       | External Source School Data    | Rec #: 1, Pos: 12421 |
| 1           | CP04STYP      | School type-2003/04 CCD/PSS (restricted)                 | External Source School Data    | Rec #: 1, Pos: 12426 |
| 1           | BYA01         | Total student enrollment as of October 2001 (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 12428 |
| 1           | BYA02A        | School has pre-kindergarten (restricted)                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12432 |
| 1           | BYA02B        | School has kindergarten (restricted)                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12434 |
| 1           | BYA02C        | School has 1st grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12436 |
| 1           | BYA02D        | School has 2nd grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12438 |
| 1           | BYA02E        | School has 3rd grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12440 |
| 1           | BYA02F        | School has 4th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12442 |
| 1           | BYA02G        | School has 5th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12444 |
| 1           | BYA02H        | School has 6th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12446 |
| 1           | BYA02I        | School has 7th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12448 |
| 1           | BYA02J        | School has 8th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12450 |
| 1           | BYA02K        | School has 9th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12452 |
| 1           | BYA02L        | School has 10th grade (restricted)                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12454 |
| 1           | BYA02M        | School has 11th grade (restricted)                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12456 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description            | Position             |
|-------------|---------------|-----------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA02N        | School has 12th grade (restricted)                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12458 |
| 1           | BYA02O        | School has 13th grade or higher (restricted)                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12460 |
| 1           | BYA03A        | Comprehensive public school (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12462 |
| 1           | BYA03B        | Public magnet school (restricted)                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12464 |
| 1           | BYA03C        | Public magnet school with theme (restricted)                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12466 |
| 1           | BYA03D        | Public school of choice (restricted)                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12468 |
| 1           | BYA03E        | Year round school (restricted)                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12470 |
| 1           | BYA03F        | Area vocational school/center (restricted)                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12472 |
| 1           | BYA03G        | Full-time technical/vocational school (restricted)              | BY Administrator Questionnaire | Rec #: 1, Pos: 12474 |
| 1           | BYA03H        | Other technical or vocational school (restricted)               | BY Administrator Questionnaire | Rec #: 1, Pos: 12476 |
| 1           | BYA03I        | Catholic diocesan school (restricted)                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12478 |
| 1           | BYA03J        | Catholic parish (restricted)                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12480 |
| 1           | BYA03K        | Catholic religious order (restricted)                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12482 |
| 1           | BYA03L        | Catholic independent school (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12484 |
| 1           | BYA03M        | Other private school with religious affiliation (restricted)    | BY Administrator Questionnaire | Rec #: 1, Pos: 12486 |
| 1           | BYA03N        | Private school without religious affiliation (restricted)       | BY Administrator Questionnaire | Rec #: 1, Pos: 12488 |
| 1           | BYA03O        | Boarding school (restricted)                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12490 |
| 1           | BYA03P        | Indian reservation school (restricted)                          | BY Administrator Questionnaire | Rec #: 1, Pos: 12492 |
| 1           | BYA03Q        | Military academy (restricted)                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12494 |
| 1           | BYA03R        | Alternative/dropout prevention/continuation school (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 12496 |
| 1           | BYA03S        | Charter school (restricted)                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12498 |
| 1           | BYA04         | Way of teaching students with different abilities               | BY Administrator Questionnaire | Rec #: 1, Pos: 12500 |
| 1           | BYA05         | Crime in students' neighborhood                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12502 |
| 1           | BYA06         | Type of academic calendar                                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12504 |
| 1           | BYA07         | # of days in school year for 10th graders                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12506 |
| 1           | BYA08         | # class periods in day for 10th graders                         | BY Administrator Questionnaire | Rec #: 1, Pos: 12509 |
| 1           | BYA09         | # of minutes of average 10th grade class period                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12511 |
| 1           | BYA10         | Typical semester class load for 10th graders                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12514 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description            | Position             |
|-------------|---------------|------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA11         | School is coeducational                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12516 |
| 1           | BYA12A        | % in school-sponsored community service        | BY Administrator Questionnaire | Rec #: 1, Pos: 12518 |
| 1           | BYA12B        | % in work study program                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12521 |
| 1           | BYA12C        | % in academic counseling program               | BY Administrator Questionnaire | Rec #: 1, Pos: 12524 |
| 1           | BYA12D        | % in vocational counseling program             | BY Administrator Questionnaire | Rec #: 1, Pos: 12527 |
| 1           | BYA12E        | % in dropout prevention program                | BY Administrator Questionnaire | Rec #: 1, Pos: 12530 |
| 1           | BYA12F        | % in gang prevention program                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12533 |
| 1           | BYA12G        | % in alcohol/drug prevention program           | BY Administrator Questionnaire | Rec #: 1, Pos: 12536 |
| 1           | BYA12H        | % in AIDS education program                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12539 |
| 1           | BYA12I        | % in crisis prevention program                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12542 |
| 1           | BYA13         | When parents notified of absences              | BY Administrator Questionnaire | Rec #: 1, Pos: 12545 |
| 1           | BYA14A        | % 10th graders in general high school program  | BY Administrator Questionnaire | Rec #: 1, Pos: 12547 |
| 1           | BYA14B        | % 10th graders in college prep program         | BY Administrator Questionnaire | Rec #: 1, Pos: 12550 |
| 1           | BYA14C        | % 10th graders in other specialized programs   | BY Administrator Questionnaire | Rec #: 1, Pos: 12553 |
| 1           | BYA14D        | % 10th graders in voc/tech/business program    | BY Administrator Questionnaire | Rec #: 1, Pos: 12556 |
| 1           | BYA14E        | % 10th graders in special ed program           | BY Administrator Questionnaire | Rec #: 1, Pos: 12559 |
| 1           | BYA14F        | % 10th graders in alternative program          | BY Administrator Questionnaire | Rec #: 1, Pos: 12562 |
| 1           | BYA14G        | % 10th graders receive bilingual education     | BY Administrator Questionnaire | Rec #: 1, Pos: 12565 |
| 1           | BYA14H        | % 10th graders receive ESL                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12568 |
| 1           | BYA14I        | % 10th graders receive remedial reading        | BY Administrator Questionnaire | Rec #: 1, Pos: 12571 |
| 1           | BYA14J        | % 10th graders receive remedial math           | BY Administrator Questionnaire | Rec #: 1, Pos: 12574 |
| 1           | BYA14K        | % 10th graders in after school/summer outreach | BY Administrator Questionnaire | Rec #: 1, Pos: 12577 |
| 1           | BYA15A        | Students develop career plan                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12580 |
| 1           | BYA15B        | Students select career major/pathway           | BY Administrator Questionnaire | Rec #: 1, Pos: 12582 |
| 1           | BYA15C        | Students in program to prepare for college     | BY Administrator Questionnaire | Rec #: 1, Pos: 12584 |
| 1           | BYA16         | Vocational-technical programs offered          | BY Administrator Questionnaire | Rec #: 1, Pos: 12586 |
| 1           | BYA17A        | Agriculture/renewable resource courses offered | BY Administrator Questionnaire | Rec #: 1, Pos: 12588 |
| 1           | BYA17B        | Business courses offered                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12590 |
| 1           | BYA17C        | Marketing/distribution courses offered         | BY Administrator Questionnaire | Rec #: 1, Pos: 12592 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description            | Position             |
|-------------|---------------|-------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA17D        | Health care courses offered                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12594 |
| 1           | BYA17E        | Public/protective service courses offered       | BY Administrator Questionnaire | Rec #: 1, Pos: 12596 |
| 1           | BYA17F        | Construction courses offered                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12598 |
| 1           | BYA17G        | Mechanics and repair courses offered            | BY Administrator Questionnaire | Rec #: 1, Pos: 12600 |
| 1           | BYA17H        | Precisions production courses offered           | BY Administrator Questionnaire | Rec #: 1, Pos: 12602 |
| 1           | BYA17I        | Trade/industry/transportation courses offered   | BY Administrator Questionnaire | Rec #: 1, Pos: 12604 |
| 1           | BYA17J        | Computer technology courses offered             | BY Administrator Questionnaire | Rec #: 1, Pos: 12606 |
| 1           | BYA17K        | Communication technology courses offered        | BY Administrator Questionnaire | Rec #: 1, Pos: 12608 |
| 1           | BYA17L        | Other technology courses offered                | BY Administrator Questionnaire | Rec #: 1, Pos: 12610 |
| 1           | BYA17M        | Food service and hospitality courses offered    | BY Administrator Questionnaire | Rec #: 1, Pos: 12612 |
| 1           | BYA17N        | Child care/education courses offered            | BY Administrator Questionnaire | Rec #: 1, Pos: 12614 |
| 1           | BYA17O        | Personal and other services courses offered     | BY Administrator Questionnaire | Rec #: 1, Pos: 12616 |
| 1           | BYA17P        | Other occupational courses offered              | BY Administrator Questionnaire | Rec #: 1, Pos: 12618 |
| 1           | BYA17Q        | Family/consumer sciences courses offered        | BY Administrator Questionnaire | Rec #: 1, Pos: 12620 |
| 1           | BYA17R        | Industrial arts/technology courses offered      | BY Administrator Questionnaire | Rec #: 1, Pos: 12622 |
| 1           | BYA18A        | Cooperative education offered to 10th graders   | BY Administrator Questionnaire | Rec #: 1, Pos: 12624 |
| 1           | BYA18B        | Internships offered to 10th graders             | BY Administrator Questionnaire | Rec #: 1, Pos: 12626 |
| 1           | BYA18C        | Job shadowing offered to 10th graders           | BY Administrator Questionnaire | Rec #: 1, Pos: 12628 |
| 1           | BYA18D        | Mentoring offered to 10th graders               | BY Administrator Questionnaire | Rec #: 1, Pos: 12630 |
| 1           | BYA18E        | Community service offered to 10th graders       | BY Administrator Questionnaire | Rec #: 1, Pos: 12632 |
| 1           | BYA18F        | School-based enterprise offered to 10th graders | BY Administrator Questionnaire | Rec #: 1, Pos: 12634 |
| 1           | BYA19AA       | Baseball offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12636 |
| 1           | BYA19AB       | Baseball offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12638 |
| 1           | BYA19BA       | Softball offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12640 |
| 1           | BYA19BB       | Softball offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12642 |
| 1           | BYA19CA       | Basketball offered to males                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12644 |
| 1           | BYA19CB       | Basketball offered to females                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12646 |
| 1           | BYA19DA       | Football offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12648 |
| 1           | BYA19DB       | Football offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12650 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                   | Section Description            | Position             |
|-------------|---------------|----------------------------------|--------------------------------|----------------------|
| 1           | BYA19EA       | Soccer offered to males          | BY Administrator Questionnaire | Rec #: 1, Pos: 12652 |
| 1           | BYA19EB       | Soccer offered to females        | BY Administrator Questionnaire | Rec #: 1, Pos: 12654 |
| 1           | BYA19FA       | Swim team offered to males       | BY Administrator Questionnaire | Rec #: 1, Pos: 12656 |
| 1           | BYA19FB       | Swim team offered to females     | BY Administrator Questionnaire | Rec #: 1, Pos: 12658 |
| 1           | BYA19GA       | Ice hockey offered to males      | BY Administrator Questionnaire | Rec #: 1, Pos: 12660 |
| 1           | BYA19GB       | Ice hockey offered to females    | BY Administrator Questionnaire | Rec #: 1, Pos: 12662 |
| 1           | BYA19HA       | Field hockey offered to males    | BY Administrator Questionnaire | Rec #: 1, Pos: 12664 |
| 1           | BYA19HB       | Field hockey offered to females  | BY Administrator Questionnaire | Rec #: 1, Pos: 12666 |
| 1           | BYA19IA       | Volleyball offered to males      | BY Administrator Questionnaire | Rec #: 1, Pos: 12668 |
| 1           | BYA19IB       | Volleyball offered to females    | BY Administrator Questionnaire | Rec #: 1, Pos: 12670 |
| 1           | BYA19JA       | Lacrosse offered to males        | BY Administrator Questionnaire | Rec #: 1, Pos: 12672 |
| 1           | BYA19JB       | Lacrosse offered to females      | BY Administrator Questionnaire | Rec #: 1, Pos: 12674 |
| 1           | BYA19KA       | Tennis offered to males          | BY Administrator Questionnaire | Rec #: 1, Pos: 12676 |
| 1           | BYA19KB       | Tennis offered to females        | BY Administrator Questionnaire | Rec #: 1, Pos: 12678 |
| 1           | BYA19LA       | Cross-country offered to males   | BY Administrator Questionnaire | Rec #: 1, Pos: 12680 |
| 1           | BYA19LB       | Cross-country offered to females | BY Administrator Questionnaire | Rec #: 1, Pos: 12682 |
| 1           | BYA19MA       | Track offered to males           | BY Administrator Questionnaire | Rec #: 1, Pos: 12684 |
| 1           | BYA19MB       | Track offered to females         | BY Administrator Questionnaire | Rec #: 1, Pos: 12686 |
| 1           | BYA19NA       | Golf offered to males            | BY Administrator Questionnaire | Rec #: 1, Pos: 12688 |
| 1           | BYA19NB       | Golf offered to females          | BY Administrator Questionnaire | Rec #: 1, Pos: 12690 |
| 1           | BYA19OA       | Gymnastics offered to males      | BY Administrator Questionnaire | Rec #: 1, Pos: 12692 |
| 1           | BYA19OB       | Gymnastics offered to females    | BY Administrator Questionnaire | Rec #: 1, Pos: 12694 |
| 1           | BYA19PA       | Wrestling offered to males       | BY Administrator Questionnaire | Rec #: 1, Pos: 12696 |
| 1           | BYA19PB       | Wrestling offered to females     | BY Administrator Questionnaire | Rec #: 1, Pos: 12698 |
| 1           | BYA19QA       | Cheerleading offered to males    | BY Administrator Questionnaire | Rec #: 1, Pos: 12700 |
| 1           | BYA19QB       | Cheerleading offered to females  | BY Administrator Questionnaire | Rec #: 1, Pos: 12702 |
| 1           | BYA19RA       | Drill team offered to males      | BY Administrator Questionnaire | Rec #: 1, Pos: 12704 |
| 1           | BYA19RB       | Drill team offered to females    | BY Administrator Questionnaire | Rec #: 1, Pos: 12706 |
| 1           | BYA19SA       | Other sport offered to males     | BY Administrator Questionnaire | Rec #: 1, Pos: 12708 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description            | Position             |
|-------------|---------------|--------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA19SB       | Other sport offered to females                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12710 |
| 1           | BYA19TA       | No sports offered to males                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12712 |
| 1           | BYA19TB       | No sports offered to females                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12714 |
| 1           | BYA20         | % 10th graders are LEP or non-English proficient             | BY Administrator Questionnaire | Rec #: 1, Pos: 12716 |
| 1           | BYA21         | % 10th graders receive free/reduced-price lunch (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 12719 |
| 1           | BYA22A        | # of full-time teachers (restricted)                         | BY Administrator Questionnaire | Rec #: 1, Pos: 12722 |
| 1           | BYA22B        | # of part-time teachers                                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12725 |
| 1           | BYA23A        | # of full-time math teachers                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12727 |
| 1           | BYA23B        | # of full-time science teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12729 |
| 1           | BYA23C        | # of full-time art teachers                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12731 |
| 1           | BYA23D        | # of full-time music teachers                                | BY Administrator Questionnaire | Rec #: 1, Pos: 12733 |
| 1           | BYA23E        | # of full-time English teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12735 |
| 1           | BYA23F        | # of full-time foreign language teachers                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12737 |
| 1           | BYA23G        | # of full-time social sciences teachers                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12739 |
| 1           | BYA23H        | # of full-time history teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12741 |
| 1           | BYA23I        | # of full-time vocational education teachers                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12743 |
| 1           | BYA23J        | # of full-time physical education teachers                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12745 |
| 1           | BYA23K        | # full-time guidance counselors                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12747 |
| 1           | BYA23L        | # full-time special education teachers                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12749 |
| 1           | BYA24A        | % full-time teachers are certified                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12751 |
| 1           | BYA24B        | % part-time teachers are certified                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12754 |
| 1           | BYA25A        | % full-time teachers teach out of field                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12757 |
| 1           | BYA25B        | % part-time teachers teach out of field                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12760 |
| 1           | BYA26A        | Lowest salary paid to full-time teachers                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12763 |
| 1           | BYA26B        | Highest salary paid to full-time teachers                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12768 |
| 1           | BYA27A        | Principal/administrator evaluates teachers                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12773 |
| 1           | BYA27B        | Teachers evaluate teachers                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12775 |
| 1           | BYA27C        | Students evaluate teachers                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12777 |
| 1           | BYA28A        | Good teachers given special awards                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12779 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description            | Position             |
|-------------|---------------|--------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA28B        | Good teachers assigned to better students                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12781 |
| 1           | BYA28C        | Good teachers given a lighter teaching load                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12783 |
| 1           | BYA28D        | Good teachers relieved of administrative/disciplinary duties | BY Administrator Questionnaire | Rec #: 1, Pos: 12785 |
| 1           | BYA28E        | Good teachers given priority on requests for materials       | BY Administrator Questionnaire | Rec #: 1, Pos: 12787 |
| 1           | BYA28F        | Good teachers receive higher pay                             | BY Administrator Questionnaire | Rec #: 1, Pos: 12789 |
| 1           | BYA28G        | Good teachers are not recognized in these ways               | BY Administrator Questionnaire | Rec #: 1, Pos: 12791 |
| 1           | BYA29         | Content standards for academic subjects                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12793 |
| 1           | BYA30         | Main source of content standards                             | BY Administrator Questionnaire | Rec #: 1, Pos: 12795 |
| 1           | BYA31         | Content standards linked with performance standards          | BY Administrator Questionnaire | Rec #: 1, Pos: 12797 |
| 1           | BYA32         | Students must pass a test for high school diploma            | BY Administrator Questionnaire | Rec #: 1, Pos: 12799 |
| 1           | BYA33AA       | Minimum competency test given in grade 7                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12801 |
| 1           | BYA33AB       | Math is on grade 7 competency test                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12803 |
| 1           | BYA33AC       | Science is on grade 7 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12805 |
| 1           | BYA33AD       | English is on grade 7 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12807 |
| 1           | BYA33AE       | History/social studies is on grade 7 competency test         | BY Administrator Questionnaire | Rec #: 1, Pos: 12809 |
| 1           | BYA33BA       | Minimum competency test given in grade 8                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12811 |
| 1           | BYA33BB       | Math is on grade 8 competency test                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12813 |
| 1           | BYA33BC       | Science is on grade 8 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12815 |
| 1           | BYA33BD       | English is on grade 8 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12817 |
| 1           | BYA33BE       | History/social studies is on grade 8 competency test         | BY Administrator Questionnaire | Rec #: 1, Pos: 12819 |
| 1           | BYA33CA       | Minimum competency test given in grade 9                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12821 |
| 1           | BYA33CB       | Math is on grade 9 competency test                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12823 |
| 1           | BYA33CC       | Science is on grade 9 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12825 |
| 1           | BYA33CD       | English is on grade 9 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12827 |
| 1           | BYA33CE       | History/social studies is on grade 9 competency test         | BY Administrator Questionnaire | Rec #: 1, Pos: 12829 |
| 1           | BYA33DA       | Minimum competency test given in grade 10                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12831 |
| 1           | BYA33DB       | Math is on grade 10 competency test                          | BY Administrator Questionnaire | Rec #: 1, Pos: 12833 |
| 1           | BYA33DC       | Science is on grade 10 competency test                       | BY Administrator Questionnaire | Rec #: 1, Pos: 12835 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description            | Position             |
|-------------|---------------|----------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA33DD       | English is on grade 10 competency test                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12837 |
| 1           | BYA33DE       | History/social studies is on grade 10 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 12839 |
| 1           | BYA33EA       | Minimum competency test given in grade 11                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12841 |
| 1           | BYA33EB       | Math is on grade 11 competency test                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12843 |
| 1           | BYA33EC       | Science is on grade 11 competency test                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12845 |
| 1           | BYA33ED       | English is on grade 11 competency test                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12847 |
| 1           | BYA33EE       | History/social studies is on grade 11 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 12849 |
| 1           | BYA33FA       | Minimum competency test given in grade 12                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12851 |
| 1           | BYA33FB       | Math is on grade 12 competency test                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12853 |
| 1           | BYA33FC       | Science is on grade 12 competency test                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12855 |
| 1           | BYA33FD       | English is on grade 12 competency test                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12857 |
| 1           | BYA33FE       | History/social studies is on grade 12 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 12859 |
| 1           | BYA34A        | Competency test is state requirement                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12861 |
| 1           | BYA34B        | Competency test is district requirement                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12863 |
| 1           | BYA34C        | Competency test is school requirement                                | BY Administrator Questionnaire | Rec #: 1, Pos: 12865 |
| 1           | BYA35         | Competency test tied to content standards                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12867 |
| 1           | BYA36         | % fail competency test on first attempt                              | BY Administrator Questionnaire | Rec #: 1, Pos: 12869 |
| 1           | BYA37A        | Retake competency test if failed                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12872 |
| 1           | BYA37B        | Take remedial class if fail competency test                          | BY Administrator Questionnaire | Rec #: 1, Pos: 12874 |
| 1           | BYA37C        | Complete competency test preparation class if fail                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12876 |
| 1           | BYA37D        | Tutoring/individualized academic program if fail competency test     | BY Administrator Questionnaire | Rec #: 1, Pos: 12878 |
| 1           | BYA37E        | Summer school if fail competency test                                | BY Administrator Questionnaire | Rec #: 1, Pos: 12880 |
| 1           | BYA37F        | Referred to alternative/continuing ed school if fail competency test | BY Administrator Questionnaire | Rec #: 1, Pos: 12882 |
| 1           | BYA38A        | Control access to buildings during school hours                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12884 |
| 1           | BYA38B        | Control access to grounds during school hours                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12886 |
| 1           | BYA38C        | Require students pass through metal detector                         | BY Administrator Questionnaire | Rec #: 1, Pos: 12888 |
| 1           | BYA38D        | Random metal detector checks on students                             | BY Administrator Questionnaire | Rec #: 1, Pos: 12890 |
| 1           | BYA38E        | Close campus for students during lunch                               | BY Administrator Questionnaire | Rec #: 1, Pos: 12892 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                       | Section Description            | Position             |
|-------------|---------------|------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA38F        | Random dog sniffs to check for drugs                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12894 |
| 1           | BYA38G        | Random sweeps for contraband                         | BY Administrator Questionnaire | Rec #: 1, Pos: 12896 |
| 1           | BYA38H        | Require drug testing for any students                | BY Administrator Questionnaire | Rec #: 1, Pos: 12898 |
| 1           | BYA38I        | Require students to wear uniforms                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12900 |
| 1           | BYA38J        | Enforce strict dress code                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12902 |
| 1           | BYA38K        | Require clear book bags/ban book bags                | BY Administrator Questionnaire | Rec #: 1, Pos: 12904 |
| 1           | BYA38L        | Require students to wear badges/picture ID           | BY Administrator Questionnaire | Rec #: 1, Pos: 12906 |
| 1           | BYA38M        | Require faculty/staff to wear badges/picture ID      | BY Administrator Questionnaire | Rec #: 1, Pos: 12908 |
| 1           | BYA38N        | Use security cameras to monitor school               | BY Administrator Questionnaire | Rec #: 1, Pos: 12910 |
| 1           | BYA38O        | Telephones in most classrooms                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12912 |
| 1           | BYA38P        | Emergency call button in classrooms                  | BY Administrator Questionnaire | Rec #: 1, Pos: 12914 |
| 1           | BYA39A        | Process to get parent input on discipline policies   | BY Administrator Questionnaire | Rec #: 1, Pos: 12916 |
| 1           | BYA39B        | Training parents to deal with problem behavior       | BY Administrator Questionnaire | Rec #: 1, Pos: 12918 |
| 1           | BYA39C        | Program involves parents in school discipline        | BY Administrator Questionnaire | Rec #: 1, Pos: 12920 |
| 1           | BYA40A        | Use paid security at any time during school hours    | BY Administrator Questionnaire | Rec #: 1, Pos: 12922 |
| 1           | BYA40B        | Use paid security as students arrive or leave        | BY Administrator Questionnaire | Rec #: 1, Pos: 12924 |
| 1           | BYA40C        | Use paid security at school activities               | BY Administrator Questionnaire | Rec #: 1, Pos: 12926 |
| 1           | BYA40D        | Use paid security outside of school hours/activities | BY Administrator Questionnaire | Rec #: 1, Pos: 12928 |
| 1           | BYA40E        | Use paid security at other time                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12930 |
| 1           | BYA41A        | Teachers have access to cable TV                     | BY Administrator Questionnaire | Rec #: 1, Pos: 12932 |
| 1           | BYA41B        | Teachers have access to closed-circuit TV            | BY Administrator Questionnaire | Rec #: 1, Pos: 12934 |
| 1           | BYA41C        | Teachers have access to videodisc player/VCR/DVD     | BY Administrator Questionnaire | Rec #: 1, Pos: 12936 |
| 1           | BYA41D        | Teachers have access to video camera                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12938 |
| 1           | BYA41E        | Teachers have access to video production studio      | BY Administrator Questionnaire | Rec #: 1, Pos: 12940 |
| 1           | BYA41F        | Teachers have access to satellite TV hook-up         | BY Administrator Questionnaire | Rec #: 1, Pos: 12942 |
| 1           | BYA41G        | Teachers have access to videoconferencing equipment  | BY Administrator Questionnaire | Rec #: 1, Pos: 12944 |
| 1           | BYA41H        | Teachers have access to digital camera               | BY Administrator Questionnaire | Rec #: 1, Pos: 12946 |
| 1           | BYA41I        | Teachers have access to scanner                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12948 |
| 1           | BYA41J        | Teachers have access to LCD panel                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12950 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description            | Position             |
|-------------|---------------|--------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA41K        | Teachers have access to laptop computer                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12952 |
| 1           | BYA41L        | Teachers have access to Internet                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12954 |
| 1           | BYA41M        | Teachers have access to computer printer                           | BY Administrator Questionnaire | Rec #: 1, Pos: 12956 |
| 1           | BYA42A        | Teachers use computers as instructional tools                      | BY Administrator Questionnaire | Rec #: 1, Pos: 12958 |
| 1           | BYA42B        | Teachers use computers to plan lessons                             | BY Administrator Questionnaire | Rec #: 1, Pos: 12960 |
| 1           | BYA42C        | Teachers use computers for professional development courses        | BY Administrator Questionnaire | Rec #: 1, Pos: 12962 |
| 1           | BYA42D        | Teachers use computers to communicate with colleagues              | BY Administrator Questionnaire | Rec #: 1, Pos: 12964 |
| 1           | BYA42E        | Teachers use computers to access best practices                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12966 |
| 1           | BYA42F        | Teachers use computers to communicate with parents                 | BY Administrator Questionnaire | Rec #: 1, Pos: 12968 |
| 1           | BYA42G        | Teachers use computers to post homework                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12970 |
| 1           | BYA42H        | Teachers/staff use computers to communicate with each other        | BY Administrator Questionnaire | Rec #: 1, Pos: 12972 |
| 1           | BYA42I        | Teachers use computers to teach job skills                         | BY Administrator Questionnaire | Rec #: 1, Pos: 12974 |
| 1           | BYA42J        | Administrative staff use computers for administrative purposes     | BY Administrator Questionnaire | Rec #: 1, Pos: 12976 |
| 1           | BYA42K        | Administrative staff use computers to communicate with colleagues  | BY Administrator Questionnaire | Rec #: 1, Pos: 12978 |
| 1           | BYA42L        | Administrative staff use computers to communicate with parents     | BY Administrator Questionnaire | Rec #: 1, Pos: 12980 |
| 1           | BYA42M        | School offers students distance learning courses                   | BY Administrator Questionnaire | Rec #: 1, Pos: 12982 |
| 1           | BYA42N        | Teachers have access to Internet professional development programs | BY Administrator Questionnaire | Rec #: 1, Pos: 12984 |
| 1           | BYA43A        | Teacher training on use of new software                            | BY Administrator Questionnaire | Rec #: 1, Pos: 12986 |
| 1           | BYA43B        | Teacher training on use of Internet                                | BY Administrator Questionnaire | Rec #: 1, Pos: 12988 |
| 1           | BYA43C        | Teacher training on using computers to teach skills                | BY Administrator Questionnaire | Rec #: 1, Pos: 12990 |
| 1           | BYA43D        | Teacher training on integrating computer into class                | BY Administrator Questionnaire | Rec #: 1, Pos: 12992 |
| 1           | BYA43E        | Teacher training on basic computer literacy                        | BY Administrator Questionnaire | Rec #: 1, Pos: 12994 |
| 1           | BYA44A        | Computers in administrative offices                                | BY Administrator Questionnaire | Rec #: 1, Pos: 12996 |
| 1           | BYA44B        | Computers in teacher work rooms                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 12998 |
| 1           | BYA44C        | Computers in classrooms                                            | BY Administrator Questionnaire | Rec #: 1, Pos: 13000 |
| 1           | BYA44D        | Computers in the library media center                              | BY Administrator Questionnaire | Rec #: 1, Pos: 13002 |
| 1           | BYA44E        | Computers in separate computer lab                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 13004 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description            | Position             |
|-------------|---------------|---------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA46A        | Principal's influence on hiring/firing teachers         | BY Administrator Questionnaire | Rec #: 1, Pos: 13006 |
| 1           | BYA46B        | Principal's influence on grouping students              | BY Administrator Questionnaire | Rec #: 1, Pos: 13008 |
| 1           | BYA46C        | Principal's influence on course offerings               | BY Administrator Questionnaire | Rec #: 1, Pos: 13010 |
| 1           | BYA46D        | Principal's influence on instructional materials        | BY Administrator Questionnaire | Rec #: 1, Pos: 13012 |
| 1           | BYA46E        | Principal's influence on curricular guidelines          | BY Administrator Questionnaire | Rec #: 1, Pos: 13014 |
| 1           | BYA46F        | Principal's influence on grading and evaluation         | BY Administrator Questionnaire | Rec #: 1, Pos: 13016 |
| 1           | BYA46G        | Principal's influence on discipline policies            | BY Administrator Questionnaire | Rec #: 1, Pos: 13018 |
| 1           | BYA46H        | Principal's influence on school funds                   | BY Administrator Questionnaire | Rec #: 1, Pos: 13020 |
| 1           | BYA47A        | School's relationship with school board                 | BY Administrator Questionnaire | Rec #: 1, Pos: 13022 |
| 1           | BYA47B        | School's relationship with central office               | BY Administrator Questionnaire | Rec #: 1, Pos: 13024 |
| 1           | BYA47C        | School's relationship with teachers' association        | BY Administrator Questionnaire | Rec #: 1, Pos: 13026 |
| 1           | BYA48A        | Principal evaluated on standardized test scores         | BY Administrator Questionnaire | Rec #: 1, Pos: 13028 |
| 1           | BYA48B        | Principal evaluated on school environment               | BY Administrator Questionnaire | Rec #: 1, Pos: 13030 |
| 1           | BYA48C        | Principal evaluated on efficient administration         | BY Administrator Questionnaire | Rec #: 1, Pos: 13032 |
| 1           | BYA48D        | Principal evaluated on parent involvement               | BY Administrator Questionnaire | Rec #: 1, Pos: 13034 |
| 1           | BYA48E        | Principal evaluated on relationship with community      | BY Administrator Questionnaire | Rec #: 1, Pos: 13036 |
| 1           | BYA48F        | Principal evaluated on new programs/reform              | BY Administrator Questionnaire | Rec #: 1, Pos: 13038 |
| 1           | BYA49A        | How often tardiness a problem at school                 | BY Administrator Questionnaire | Rec #: 1, Pos: 13040 |
| 1           | BYA49B        | How often absenteeism a problem at school               | BY Administrator Questionnaire | Rec #: 1, Pos: 13042 |
| 1           | BYA49C        | How often class cutting a problem at school             | BY Administrator Questionnaire | Rec #: 1, Pos: 13044 |
| 1           | BYA49D        | How often physical conflicts a problem at school        | BY Administrator Questionnaire | Rec #: 1, Pos: 13046 |
| 1           | BYA49E        | How often robbery/theft a problem at school             | BY Administrator Questionnaire | Rec #: 1, Pos: 13048 |
| 1           | BYA49F        | How often vandalism a problem at school                 | BY Administrator Questionnaire | Rec #: 1, Pos: 13050 |
| 1           | BYA49G        | How often use of alcohol a problem at school            | BY Administrator Questionnaire | Rec #: 1, Pos: 13052 |
| 1           | BYA49H        | How often use of illegal drugs a problem at school      | BY Administrator Questionnaire | Rec #: 1, Pos: 13054 |
| 1           | BYA49I        | How often students on drugs/alcohol at school a problem | BY Administrator Questionnaire | Rec #: 1, Pos: 13056 |
| 1           | BYA49J        | How often sale of drugs near school a problem           | BY Administrator Questionnaire | Rec #: 1, Pos: 13058 |
| 1           | BYA49K        | How often possession of weapons a problem at school     | BY Administrator Questionnaire | Rec #: 1, Pos: 13060 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description            | Position             |
|-------------|---------------|---------------------------------------------------------------|--------------------------------|----------------------|
| 1           | BYA49L        | How often physical abuse of teachers a problem at school      | BY Administrator Questionnaire | Rec #: 1, Pos: 13062 |
| 1           | BYA49M        | How often racial tension among students a problem at school   | BY Administrator Questionnaire | Rec #: 1, Pos: 13064 |
| 1           | BYA49N        | How often student bullying a problem at school                | BY Administrator Questionnaire | Rec #: 1, Pos: 13066 |
| 1           | BYA49O        | How often verbal abuse of teachers a problem at school        | BY Administrator Questionnaire | Rec #: 1, Pos: 13068 |
| 1           | BYA49P        | How often disorder in classrooms a problem at school          | BY Administrator Questionnaire | Rec #: 1, Pos: 13070 |
| 1           | BYA49Q        | How often student disrespect for teachers a problem at school | BY Administrator Questionnaire | Rec #: 1, Pos: 13072 |
| 1           | BYA49R        | How often gang activity a problem at school                   | BY Administrator Questionnaire | Rec #: 1, Pos: 13074 |
| 1           | BYA49S        | How often cult/extremist group activities a problem at school | BY Administrator Questionnaire | Rec #: 1, Pos: 13076 |
| 1           | BYA50A        | Learning hindered by poor condition of buildings              | BY Administrator Questionnaire | Rec #: 1, Pos: 13078 |
| 1           | BYA50B        | Learning hindered by poor heating/air/light                   | BY Administrator Questionnaire | Rec #: 1, Pos: 13080 |
| 1           | BYA50C        | Learning hindered by poor science labs                        | BY Administrator Questionnaire | Rec #: 1, Pos: 13082 |
| 1           | BYA50D        | Learning hindered by poor fine arts facilities                | BY Administrator Questionnaire | Rec #: 1, Pos: 13084 |
| 1           | BYA50E        | Learning hindered by lack of space                            | BY Administrator Questionnaire | Rec #: 1, Pos: 13086 |
| 1           | BYA50F        | Learning hindered by poor library                             | BY Administrator Questionnaire | Rec #: 1, Pos: 13088 |
| 1           | BYA50G        | Learning hindered by lack of texts/supplies                   | BY Administrator Questionnaire | Rec #: 1, Pos: 13090 |
| 1           | BYA50H        | Learning hindered by too few computers                        | BY Administrator Questionnaire | Rec #: 1, Pos: 13092 |
| 1           | BYA50I        | Learning hindered by lack of multi-media                      | BY Administrator Questionnaire | Rec #: 1, Pos: 13094 |
| 1           | BYA50J        | Learning hindered by lack of discipline/safety                | BY Administrator Questionnaire | Rec #: 1, Pos: 13096 |
| 1           | BYA50K        | Learning hindered by poor voc/tech equipment/facilities       | BY Administrator Questionnaire | Rec #: 1, Pos: 13098 |
| 1           | BYA51A        | Student morale is high                                        | BY Administrator Questionnaire | Rec #: 1, Pos: 13100 |
| 1           | BYA51B        | Teachers press students to achieve                            | BY Administrator Questionnaire | Rec #: 1, Pos: 13102 |
| 1           | BYA51C        | Teacher morale is high                                        | BY Administrator Questionnaire | Rec #: 1, Pos: 13104 |
| 1           | BYA51D        | Learning is high priority for students                        | BY Administrator Questionnaire | Rec #: 1, Pos: 13106 |
| 1           | BYA51E        | Students expected to do homework                              | BY Administrator Questionnaire | Rec #: 1, Pos: 13108 |
| 1           | BYA53         | Date completed interview                                      | BY Administrator Questionnaire | Rec #: 1, Pos: 13110 |
| 1           | F1A01         | Total student enrollment as of October 2003 (restricted)      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13116 |
| 1           | F1A02         | # of days in school year for 12th graders                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13120 |
| 1           | F1A03         | Type of academic calendar                                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13123 |
| 1           | F1A04AA       | Academic courses are block scheduled                          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13125 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description            | Position             |
|-------------|---------------|-----------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A04AB       | # of minutes in block for academic courses                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13127 |
| 1           | F1A04BA       | Vocational/technical courses are block scheduled                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13130 |
| 1           | F1A04BB       | # of minutes in block for vocational/technical courses                | F1 Administrator Questionnaire | Rec #: 1, Pos: 13132 |
| 1           | F1A04CA       | Other courses are block scheduled                                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13135 |
| 1           | F1A04CB       | # of minutes in block for other courses                               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13137 |
| 1           | F1A05A        | Students in area or district attend the school                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13140 |
| 1           | F1A05B        | Students in area or district attend the school/transfers allowed      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13142 |
| 1           | F1A05C        | Students assigned to school to achieve racial/ethnic composition      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13144 |
| 1           | F1A05D        | Students admitted to school based on test/audition/other criterion    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13146 |
| 1           | F1A05E        | Students admitted to school based on lottery/random selection         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13148 |
| 1           | F1A05F        | Students admitted on first-come first-serve basis                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13150 |
| 1           | F1A06A        | Influence of teachers on selecting 12th grader's courses              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13152 |
| 1           | F1A06B        | Influence of department head on selecting 12th grader's courses       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13154 |
| 1           | F1A06C        | Influence of counselors on selecting 12th grader's courses            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13156 |
| 1           | F1A06D        | Influence of coaches on selecting 12th grader's courses               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13158 |
| 1           | F1A06E        | Influence of parents on selecting 12th grader's courses               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13160 |
| 1           | F1A06F        | Influence of student's preferences on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 1, Pos: 13162 |
| 1           | F1A06G        | Influence of student's grades on selecting 12th grader's courses      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13164 |
| 1           | F1A06H        | Influence of student's test scores on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 1, Pos: 13166 |
| 1           | F1A06I        | Influence of student attendance on selecting 12th grader's courses    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13168 |
| 1           | F1A06J        | Influence of special education on selecting 12th grader's courses     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13170 |
| 1           | F1A06K        | Influence of potential for dropout on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 1, Pos: 13172 |
| 1           | F1A07A        | Years of English coursework required to graduate                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13174 |
| 1           | F1A07B        | Years of mathematics coursework required to graduate                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13176 |
| 1           | F1A07C        | Years of science coursework required to graduate                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13178 |
| 1           | F1A07D        | Years of history/social studies coursework required to graduate       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13180 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description            | Position             |
|-------------|---------------|------------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A07E        | Years of computer coursework required to graduate                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13182 |
| 1           | F1A07F        | Years of foreign language coursework required to graduate              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13184 |
| 1           | F1A07G        | Years of fine arts coursework required to graduate                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13186 |
| 1           | F1A07H        | Years of physical education/health coursework required to graduate     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13188 |
| 1           | F1A08A        | School confers regular/honors diplomas                                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13190 |
| 1           | F1A08B        | School confers International Baccalaureate diplomas                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13192 |
| 1           | F1A08C        | School confers diplomas with special education adjustments             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13194 |
| 1           | F1A08D        | School confers diplomas with vocational/technical skills certificate   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13196 |
| 1           | F1A08E        | School confers certificates of attendance                              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13198 |
| 1           | F1A08F        | School confers GED/other equivalency                                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13200 |
| 1           | F1A09         | Minimum GPA required to participate in school activities               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13202 |
| 1           | F1A10         | Availability of a vocational/technical program                         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13204 |
| 1           | F1A11A        | Student request used to decide enrollment in vocational program        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13206 |
| 1           | F1A11B        | Parent request used to decide enrollment in vocational program         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13208 |
| 1           | F1A11C        | Counselor referral used to decide enrollment in vocational program     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13210 |
| 1           | F1A11D        | Teacher referral used to decide enrollment in vocational program       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13212 |
| 1           | F1A11E        | Academic performance used to decide enrollment in vocational program   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13214 |
| 1           | F1A11F        | Attendance record used to decide enrollment in vocational program      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13216 |
| 1           | F1A11G        | Special education need used to decide enrollment in vocational program | F1 Administrator Questionnaire | Rec #: 1, Pos: 13218 |
| 1           | F1A11H        | Potential for dropout used to decide enrollment in vocational program  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13220 |
| 1           | F1A11I        | Lottery/random choice used to decide enrollment in vocational program  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13222 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description            | Position             |
|-------------|---------------|------------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A12A        | # of occupational courses defines vocational/technical completers      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13224 |
| 1           | F1A12B        | Specific academic coursework defines vocational/technical completers   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13226 |
| 1           | F1A12C        | District/state assessment defines vocational/technical completers      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13228 |
| 1           | F1A12D        | Industry-recognized credential defines vocational/technical completers | F1 Administrator Questionnaire | Rec #: 1, Pos: 13230 |
| 1           | F1A13A        | Vocational interest/ability assessments are available                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13232 |
| 1           | F1A13B        | Job placement services are available                                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13234 |
| 1           | F1A13C        | Career days/job fairs are available                                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13236 |
| 1           | F1A13D        | Career/employment readiness workshops are available                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13238 |
| 1           | F1A13E        | School-arranged interviews with employers are available                | F1 Administrator Questionnaire | Rec #: 1, Pos: 13240 |
| 1           | F1A13F        | Selection of career major/pathways are available                       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13242 |
| 1           | F1A14         | Class of 2004 must pass a test for high school diploma                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13244 |
| 1           | F1A15A        | Math is on grade 12 competency test                                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13246 |
| 1           | F1A15B        | Science is on grade 12 competency test                                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13248 |
| 1           | F1A15C        | Reading is on grade 12 competency test                                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13250 |
| 1           | F1A15D        | Composition/writing is on grade 12 competency test                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13252 |
| 1           | F1A15E        | History/civics/social studies is on grade 12 competency test           | F1 Administrator Questionnaire | Rec #: 1, Pos: 13254 |
| 1           | F1A15F        | Computer skills are on grade 12 competency test                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13256 |
| 1           | F1A16         | % fail competency test on first attempt                                | F1 Administrator Questionnaire | Rec #: 1, Pos: 13258 |
| 1           | F1A17A        | Retake competency test if failed                                       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13261 |
| 1           | F1A17B        | Take remedial class if fail competency test                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13263 |
| 1           | F1A17C        | Complete competency test preparation class if fail                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13265 |
| 1           | F1A17D        | Tutoring/individualized academic program if fail competency test       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13267 |
| 1           | F1A17E        | Summer school if fail competency test                                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13269 |
| 1           | F1A17F        | Referred to alternative/continuing ed school if fail competency test   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13271 |
| 1           | F1A18A        | % 12th graders in general high school program                          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13273 |
| 1           | F1A18B        | % 12th graders in college prep/specialized academic program            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13276 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description            | Position             |
|-------------|---------------|------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A18C        | % 12th graders in voc/tech/business program                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13279 |
| 1           | F1A19A        | % of 2003 graduates went to 4-year colleges                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13282 |
| 1           | F1A19B        | % of 2003 graduates went to 2-year colleges/vocational school    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13284 |
| 1           | F1A19C        | % of 2003 graduates entered labor market or military             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13286 |
| 1           | F1A19D        | % of 2003 graduates did something else                           | F1 Administrator Questionnaire | Rec #: 1, Pos: 13288 |
| 1           | F1A20A        | % of 12th graders attend college application programs            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13290 |
| 1           | F1A20B        | % of 12th graders attend programs on financial aid               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13292 |
| 1           | F1A20C        | % of 12th graders attend school SAT/ACT courses                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13294 |
| 1           | F1A20D        | % of 12th graders attend college fairs                           | F1 Administrator Questionnaire | Rec #: 1, Pos: 13296 |
| 1           | F1A20E        | % of 12th graders attend meetings with college representative    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13298 |
| 1           | F1A20F        | % of 12th graders participate in Talent Search                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13300 |
| 1           | F1A20G        | % of 12th graders participate in Upward Bound                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13302 |
| 1           | F1A20H        | % of 12th graders in other program for minority/disadvantaged    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13304 |
| 1           | F1A21A        | Vocational counseling/services/programs offered                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13306 |
| 1           | F1A21B        | Home visits by teachers offered                                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13308 |
| 1           | F1A21C        | Peer tutoring offered                                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13310 |
| 1           | F1A21D        | School-sponsored community service offered                       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13312 |
| 1           | F1A21E        | Individual/family psychological counseling offered               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13314 |
| 1           | F1A21F        | Programs for pregnant girls/teenage mothers offered              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13316 |
| 1           | F1A22A        | % of student body receives free/reduced-price lunch (restricted) | F1 Administrator Questionnaire | Rec #: 1, Pos: 13318 |
| 1           | F1A22B        | % of student body is LEP or non-English proficient               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13321 |
| 1           | F1A22C        | % of student body receives special education services            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13324 |
| 1           | F1A22D        | % of student body in alternative program                         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13327 |
| 1           | F1A22E        | % of student body in dropout prevention program                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13330 |
| 1           | F1A22F        | % of student body in Advanced Placement courses                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13333 |
| 1           | F1A22G        | % of student body in International Baccalaureate program         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13336 |
| 1           | F1A23         | School has dropout prevention program                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13339 |
| 1           | F1A24A        | Dropout prevention is recommended on basis of absentee record    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13341 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description            | Position             |
|-------------|---------------|------------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A24B        | Dropout prevention is recommended on basis of academic performance     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13343 |
| 1           | F1A24C        | Dropout prevention is recommended on basis of teacher referral         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13345 |
| 1           | F1A24D        | Dropout prevention is recommended on basis of counselor referral       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13347 |
| 1           | F1A24E        | Dropout prevention is recommended on basis of parental request         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13349 |
| 1           | F1A24F        | Dropout prevention is recommended on basis of student request          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13351 |
| 1           | F1A24G        | Dropout prevention is recommended on basis of disciplinary problems    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13353 |
| 1           | F1A25A        | Dropout prevention offers special instructional programs               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13355 |
| 1           | F1A25B        | Dropout prevention offers focus on vocational/technical education      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13357 |
| 1           | F1A25C        | Dropout prevention offers individual/group counseling                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13359 |
| 1           | F1A25D        | Dropout prevention offers health care                                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13361 |
| 1           | F1A25E        | Dropout prevention offers incentives for better attendance/performance | F1 Administrator Questionnaire | Rec #: 1, Pos: 13363 |
| 1           | F1A25F        | Dropout prevention offers close monitoring of attendance/performance   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13365 |
| 1           | F1A25G        | Dropout prevention offers childcare/nurseries for student's children   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13367 |
| 1           | F1A25H        | Dropout prevention offers cultural interaction                         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13369 |
| 1           | F1A25I        | Dropout prevention offers anger management                             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13371 |
| 1           | F1A26         | # of full-time teachers (restricted)                                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13373 |
| 1           | F1A27         | # of part-time teachers                                                | F1 Administrator Questionnaire | Rec #: 1, Pos: 13376 |
| 1           | F1A28         | # of full-time teachers left at end of 2002-2003 school year           | F1 Administrator Questionnaire | Rec #: 1, Pos: 13379 |
| 1           | F1A29AR       | # of full-time teachers have less than Bachelor's (restricted)         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13382 |
| 1           | F1A29AP       | # of full-time teachers have less than Bachelor's degree (public)      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13385 |
| 1           | F1A29BR       | # of full-time teachers with highest degree of Bachelor's(restricted)  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13387 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description            | Position             |
|-------------|---------------|-----------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A29BP       | # of full-time teachers whose highest degree is Bachelor's (Public)   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13390 |
| 1           | F1A29CR       | # of full-time teachers whose highest degree is Master's (restricted) | F1 Administrator Questionnaire | Rec #: 1, Pos: 13392 |
| 1           | F1A29CP       | # of full-time teachers whose highest degree is Master's              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13395 |
| 1           | F1A29DR       | # of full-time teachers whose highest degr is EdD or PhD (restricted) | F1 Administrator Questionnaire | Rec #: 1, Pos: 13397 |
| 1           | F1A29DP       | # of full-time teachers whose highest degree is EdD or PhD            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13400 |
| 1           | F1A29ER       | # of full-time teachers for whom highest degr is unknown (restricted) | F1 Administrator Questionnaire | Rec #: 1, Pos: 13402 |
| 1           | F1A29EP       | # of full-time teachers whose highest degree is unknown               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13405 |
| 1           | F1A30         | # of full-time library media resource center staff members            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13407 |
| 1           | F1A31         | # of part-time library media resource center staff members            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13410 |
| 1           | F1A32A        | % of full-time teachers are Hispanic                                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13412 |
| 1           | F1A32B        | % of full-time teachers for whom Hispanic ethnicity is unknown        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13415 |
| 1           | F1A33A        | % of full-time teachers are White                                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13418 |
| 1           | F1A33B        | % of full-time teachers are Black/African American                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13421 |
| 1           | F1A33C        | % of full-time teachers are Asian                                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13424 |
| 1           | F1A33D        | % of full-time teachers are Native Hawaiian/Pacific Islander          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13427 |
| 1           | F1A33E        | % of full-time teachers are American Indian/Alaskan Native            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13430 |
| 1           | F1A33F        | % of full-time teachers for whom race is unknown                      | F1 Administrator Questionnaire | Rec #: 1, Pos: 13433 |
| 1           | F1A34A        | % of full-time teachers have state/advanced professional certificate  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13436 |
| 1           | F1A34B        | % of full-time teachers have probationary certificate                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13439 |
| 1           | F1A34C        | % of full-time teachers have provisional certificate                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13442 |
| 1           | F1A34D        | % of full-time teachers have temporary/emergency certificate          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13445 |
| 1           | F1A35         | % of full-time library staff is state-certified                       | F1 Administrator Questionnaire | Rec #: 1, Pos: 13448 |
| 1           | F1A37A        | % of poor teachers                                                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13451 |
| 1           | F1A37B        | % of fair teachers                                                    | F1 Administrator Questionnaire | Rec #: 1, Pos: 13454 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description            | Position             |
|-------------|---------------|----------------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A37C        | % of good teachers                                                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13457 |
| 1           | F1A37D        | % of excellent teachers                                              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13460 |
| 1           | F1A38A        | Student morale is high                                               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13463 |
| 1           | F1A38B        | Teachers press students to achieve                                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13465 |
| 1           | F1A38C        | Teacher morale is high                                               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13467 |
| 1           | F1A38D        | Learning is high priority for students                               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13469 |
| 1           | F1A38E        | Students expected to do homework                                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13471 |
| 1           | F1A38F        | Discipline is emphasized                                             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13473 |
| 1           | F1A38G        | Classroom activities are highly structured                           | F1 Administrator Questionnaire | Rec #: 1, Pos: 13475 |
| 1           | F1A38H        | Many teachers are negative about students                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13477 |
| 1           | F1A38I        | Many teachers find it difficult to motivate students                 | F1 Administrator Questionnaire | Rec #: 1, Pos: 13479 |
| 1           | F1A38J        | School emphasizes sports                                             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13481 |
| 1           | F1A38K        | Students are encouraged to compete for grades                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13483 |
| 1           | F1A38L        | Counselors/teachers encourage students to enroll in academic classes | F1 Administrator Questionnaire | Rec #: 1, Pos: 13485 |
| 1           | F1A38M        | There is often conflict between teachers and administrators          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13487 |
| 1           | F1A38N        | Teachers usually respond to students' individual needs               | F1 Administrator Questionnaire | Rec #: 1, Pos: 13489 |
| 1           | F1A39A        | % of students typically tardy                                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13491 |
| 1           | F1A39B        | % of students typically absent without excuse                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13494 |
| 1           | F1A39C        | % of students typically cut or skip classes                          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13497 |
| 1           | F1A40A        | How often physical conflicts a problem at school                     | F1 Administrator Questionnaire | Rec #: 1, Pos: 13500 |
| 1           | F1A40B        | How often robbery/theft a problem at school                          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13502 |
| 1           | F1A40C        | How often vandalism a problem at school                              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13504 |
| 1           | F1A40D        | How often use of alcohol a problem at school                         | F1 Administrator Questionnaire | Rec #: 1, Pos: 13506 |
| 1           | F1A40E        | How often use of illegal drugs a problem at school                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13508 |
| 1           | F1A40F        | How often students on drugs/alcohol at school a problem              | F1 Administrator Questionnaire | Rec #: 1, Pos: 13510 |
| 1           | F1A40G        | How often sale of drugs near school a problem                        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13512 |
| 1           | F1A40H        | How often possession of weapons a problem at school                  | F1 Administrator Questionnaire | Rec #: 1, Pos: 13514 |
| 1           | F1A40I        | How often physical abuse of teachers a problem at school             | F1 Administrator Questionnaire | Rec #: 1, Pos: 13516 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description            | Position             |
|-------------|---------------|---------------------------------------------------------------|--------------------------------|----------------------|
| 1           | F1A40J        | How often racial tension among students a problem at school   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13518 |
| 1           | F1A40K        | How often student bullying a problem at school                | F1 Administrator Questionnaire | Rec #: 1, Pos: 13520 |
| 1           | F1A40L        | How often verbal abuse of teachers a problem at school        | F1 Administrator Questionnaire | Rec #: 1, Pos: 13522 |
| 1           | F1A40M        | How often disorder in classrooms a problem at school          | F1 Administrator Questionnaire | Rec #: 1, Pos: 13524 |
| 1           | F1A40N        | How often student disrespect for teachers a problem at school | F1 Administrator Questionnaire | Rec #: 1, Pos: 13526 |
| 1           | F1A40O        | How often gang activity a problem at school                   | F1 Administrator Questionnaire | Rec #: 1, Pos: 13528 |
| 1           | F1A40P        | How often cult/extremist group activities a problem at school | F1 Administrator Questionnaire | Rec #: 1, Pos: 13530 |
| 1           | F1A42         | Month and year completed interview                            | F1 Administrator Questionnaire | Rec #: 1, Pos: 13532 |
| 1           | BYL01         | How library is organized                                      | BY Library Questionnaire       | Rec #: 1, Pos: 13538 |
| 1           | BYL02         | Library's total seating capacity                              | BY Library Questionnaire       | Rec #: 1, Pos: 13540 |
| 1           | BYL03A        | Library has individual activity areas                         | BY Library Questionnaire       | Rec #: 1, Pos: 13543 |
| 1           | BYL03B        | Library has small group activity areas                        | BY Library Questionnaire       | Rec #: 1, Pos: 13545 |
| 1           | BYL03C        | Library has large group activity areas                        | BY Library Questionnaire       | Rec #: 1, Pos: 13547 |
| 1           | BYL03D        | Library has staff work area                                   | BY Library Questionnaire       | Rec #: 1, Pos: 13549 |
| 1           | BYL03E        | Library has conference rooms                                  | BY Library Questionnaire       | Rec #: 1, Pos: 13551 |
| 1           | BYL03F        | Library has computer access area/lab                          | BY Library Questionnaire       | Rec #: 1, Pos: 13553 |
| 1           | BYL04         | Library can accommodate full class                            | BY Library Questionnaire       | Rec #: 1, Pos: 13555 |
| 1           | BYL05         | Library serves full class/other activity at once              | BY Library Questionnaire       | Rec #: 1, Pos: 13557 |
| 1           | BYL06AA       | Staff includes state-certified librarians                     | BY Library Questionnaire       | Rec #: 1, Pos: 13559 |
| 1           | BYL06AB       | # full-time state-certified librarians                        | BY Library Questionnaire       | Rec #: 1, Pos: 13561 |
| 1           | BYL06AC       | # part-time state-certified librarians                        | BY Library Questionnaire       | Rec #: 1, Pos: 13563 |
| 1           | BYL06BA       | Library media center staff includes state-certified teachers  | BY Library Questionnaire       | Rec #: 1, Pos: 13565 |
| 1           | BYL06BB       | # full-time state-certified teachers in library media center  | BY Library Questionnaire       | Rec #: 1, Pos: 13567 |
| 1           | BYL06BC       | # part-time state-certified teachers in library media center  | BY Library Questionnaire       | Rec #: 1, Pos: 13569 |
| 1           | BYL06CA       | Library media center staff includes uncertified professionals | BY Library Questionnaire       | Rec #: 1, Pos: 13571 |
| 1           | BYL06CB       | # full-time uncertified professionals in library media center | BY Library Questionnaire       | Rec #: 1, Pos: 13573 |
| 1           | BYL06CC       | # part-time uncertified professionals in library media center | BY Library Questionnaire       | Rec #: 1, Pos: 13575 |
| 1           | BYL06DA       | Staff includes paid library aides                             | BY Library Questionnaire       | Rec #: 1, Pos: 13577 |
| 1           | BYL06DB       | # full-time paid library aides                                | BY Library Questionnaire       | Rec #: 1, Pos: 13579 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description      | Position             |
|-------------|---------------|-------------------------------------------------|--------------------------|----------------------|
| 1           | BYL06DC       | # part-time paid library aides                  | BY Library Questionnaire | Rec #: 1, Pos: 13581 |
| 1           | BYL07         | Volunteers provide library services             | BY Library Questionnaire | Rec #: 1, Pos: 13583 |
| 1           | BYL08A        | # of adult library volunteers                   | BY Library Questionnaire | Rec #: 1, Pos: 13585 |
| 1           | BYL08B        | # of student library volunteers                 | BY Library Questionnaire | Rec #: 1, Pos: 13587 |
| 1           | BYL09         | District has library media coordinator          | BY Library Questionnaire | Rec #: 1, Pos: 13589 |
| 1           | BYL10         | District library media coordinator is full-time | BY Library Questionnaire | Rec #: 1, Pos: 13591 |
| 1           | BYL11AA       | Library has telephone                           | BY Library Questionnaire | Rec #: 1, Pos: 13593 |
| 1           | BYL11AB       | Years library has had telephone                 | BY Library Questionnaire | Rec #: 1, Pos: 13595 |
| 1           | BYL11AC       | Students may use telephone                      | BY Library Questionnaire | Rec #: 1, Pos: 13597 |
| 1           | BYL11AD       | Faculty/staff may use telephone                 | BY Library Questionnaire | Rec #: 1, Pos: 13599 |
| 1           | BYL11AE       | Library staff may use telephone                 | BY Library Questionnaire | Rec #: 1, Pos: 13601 |
| 1           | BYL11BA       | Library has fax machine                         | BY Library Questionnaire | Rec #: 1, Pos: 13603 |
| 1           | BYL11BB       | Years library has had fax machine               | BY Library Questionnaire | Rec #: 1, Pos: 13605 |
| 1           | BYL11BC       | Students may use fax machine                    | BY Library Questionnaire | Rec #: 1, Pos: 13607 |
| 1           | BYL11BD       | Faculty/staff may use fax machine               | BY Library Questionnaire | Rec #: 1, Pos: 13609 |
| 1           | BYL11BE       | Library staff may use fax machine               | BY Library Questionnaire | Rec #: 1, Pos: 13611 |
| 1           | BYL11CA       | Library has photocopier                         | BY Library Questionnaire | Rec #: 1, Pos: 13613 |
| 1           | BYL11CB       | Years library has had photocopier               | BY Library Questionnaire | Rec #: 1, Pos: 13615 |
| 1           | BYL11CC       | Students may use photocopier                    | BY Library Questionnaire | Rec #: 1, Pos: 13617 |
| 1           | BYL11CD       | Faculty/staff may use photocopier               | BY Library Questionnaire | Rec #: 1, Pos: 13619 |
| 1           | BYL11CE       | Library staff may use photocopier               | BY Library Questionnaire | Rec #: 1, Pos: 13621 |
| 1           | BYL11DA       | Library has VCR                                 | BY Library Questionnaire | Rec #: 1, Pos: 13623 |
| 1           | BYL11DB       | Years library has had VCR                       | BY Library Questionnaire | Rec #: 1, Pos: 13625 |
| 1           | BYL11DC       | Students may use VCR                            | BY Library Questionnaire | Rec #: 1, Pos: 13627 |
| 1           | BYL11DD       | Faculty/staff may use VCR                       | BY Library Questionnaire | Rec #: 1, Pos: 13629 |
| 1           | BYL11DE       | Library staff may use VCR                       | BY Library Questionnaire | Rec #: 1, Pos: 13631 |
| 1           | BYL11EA       | Library has laser disc player                   | BY Library Questionnaire | Rec #: 1, Pos: 13633 |
| 1           | BYL11EB       | Years library has had laser disc player         | BY Library Questionnaire | Rec #: 1, Pos: 13635 |
| 1           | BYL11EC       | Students may use laser disc player              | BY Library Questionnaire | Rec #: 1, Pos: 13637 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description      | Position             |
|-------------|---------------|---------------------------------------------------------|--------------------------|----------------------|
| 1           | BYL11ED       | Faculty/staff may use laser disc player                 | BY Library Questionnaire | Rec #: 1, Pos: 13639 |
| 1           | BYL11EE       | Library staff may use laser disc player                 | BY Library Questionnaire | Rec #: 1, Pos: 13641 |
| 1           | BYL11FA       | Library has DVD player                                  | BY Library Questionnaire | Rec #: 1, Pos: 13643 |
| 1           | BYL11FB       | Years library has had DVD player                        | BY Library Questionnaire | Rec #: 1, Pos: 13645 |
| 1           | BYL11FC       | Students may use DVD player                             | BY Library Questionnaire | Rec #: 1, Pos: 13647 |
| 1           | BYL11FD       | Faculty/staff may use DVD player                        | BY Library Questionnaire | Rec #: 1, Pos: 13649 |
| 1           | BYL11FE       | Library staff may use DVD player                        | BY Library Questionnaire | Rec #: 1, Pos: 13651 |
| 1           | BYL11GA       | Library has electronic book reader                      | BY Library Questionnaire | Rec #: 1, Pos: 13653 |
| 1           | BYL11GB       | Years library has had electronic book reader            | BY Library Questionnaire | Rec #: 1, Pos: 13655 |
| 1           | BYL11GC       | Students may use electronic book reader                 | BY Library Questionnaire | Rec #: 1, Pos: 13657 |
| 1           | BYL11GD       | Faculty/staff may use electronic book reader            | BY Library Questionnaire | Rec #: 1, Pos: 13659 |
| 1           | BYL11GE       | Library staff may use electronic book reader            | BY Library Questionnaire | Rec #: 1, Pos: 13661 |
| 1           | BYL11HA       | Library has CD-ROM reader                               | BY Library Questionnaire | Rec #: 1, Pos: 13663 |
| 1           | BYL11HB       | Years library has had CD-ROM reader                     | BY Library Questionnaire | Rec #: 1, Pos: 13665 |
| 1           | BYL11HC       | Students may use CD-ROM reader                          | BY Library Questionnaire | Rec #: 1, Pos: 13667 |
| 1           | BYL11HD       | Faculty/staff may use CD-ROM reader                     | BY Library Questionnaire | Rec #: 1, Pos: 13669 |
| 1           | BYL11HE       | Library staff may use CD-ROM reader                     | BY Library Questionnaire | Rec #: 1, Pos: 13671 |
| 1           | BYL11IA       | Library has personal computer                           | BY Library Questionnaire | Rec #: 1, Pos: 13673 |
| 1           | BYL11IB       | Years library has had personal computer                 | BY Library Questionnaire | Rec #: 1, Pos: 13675 |
| 1           | BYL11IC       | Students may use personal computer                      | BY Library Questionnaire | Rec #: 1, Pos: 13677 |
| 1           | BYL11ID       | Faculty/staff may use personal computer                 | BY Library Questionnaire | Rec #: 1, Pos: 13679 |
| 1           | BYL11IE       | Library staff may use personal computer                 | BY Library Questionnaire | Rec #: 1, Pos: 13681 |
| 1           | BYL11JA       | Library has automated book circulation system           | BY Library Questionnaire | Rec #: 1, Pos: 13683 |
| 1           | BYL11JB       | Years library has had automated book circulation system | BY Library Questionnaire | Rec #: 1, Pos: 13685 |
| 1           | BYL11JC       | Students may use automated book circulation system      | BY Library Questionnaire | Rec #: 1, Pos: 13687 |
| 1           | BYL11JD       | Faculty/staff may use automated book circulation system | BY Library Questionnaire | Rec #: 1, Pos: 13689 |
| 1           | BYL11JE       | Library staff may use automated book circulation system | BY Library Questionnaire | Rec #: 1, Pos: 13691 |
| 1           | BYL11KA       | Library has Internet access                             | BY Library Questionnaire | Rec #: 1, Pos: 13693 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description      | Position             |
|-------------|---------------|-------------------------------------------|--------------------------|----------------------|
| 1           | BYL11KB       | Years library has had Internet access     | BY Library Questionnaire | Rec #: 1, Pos: 13695 |
| 1           | BYL11KC       | Students may use Internet access          | BY Library Questionnaire | Rec #: 1, Pos: 13697 |
| 1           | BYL11KD       | Faculty/staff may use Internet access     | BY Library Questionnaire | Rec #: 1, Pos: 13699 |
| 1           | BYL11KE       | Library staff may use Internet access     | BY Library Questionnaire | Rec #: 1, Pos: 13701 |
| 1           | BYL11LA       | Library has cable TV                      | BY Library Questionnaire | Rec #: 1, Pos: 13703 |
| 1           | BYL11LB       | Years library has had cable TV            | BY Library Questionnaire | Rec #: 1, Pos: 13705 |
| 1           | BYL11LC       | Students may use cable TV                 | BY Library Questionnaire | Rec #: 1, Pos: 13707 |
| 1           | BYL11LD       | Faculty/staff may use cable TV            | BY Library Questionnaire | Rec #: 1, Pos: 13709 |
| 1           | BYL11LE       | Library staff may use cable TV            | BY Library Questionnaire | Rec #: 1, Pos: 13711 |
| 1           | BYL11MA       | Library has closed-circuit TV             | BY Library Questionnaire | Rec #: 1, Pos: 13713 |
| 1           | BYL11MB       | Years library has had closed-circuit TV   | BY Library Questionnaire | Rec #: 1, Pos: 13715 |
| 1           | BYL11MC       | Students may use closed-circuit TV        | BY Library Questionnaire | Rec #: 1, Pos: 13717 |
| 1           | BYL11MD       | Faculty/staff may use closed-circuit TV   | BY Library Questionnaire | Rec #: 1, Pos: 13719 |
| 1           | BYL11ME       | Library staff may use closed-circuit TV   | BY Library Questionnaire | Rec #: 1, Pos: 13721 |
| 1           | BYL11NA       | Library has video camera                  | BY Library Questionnaire | Rec #: 1, Pos: 13723 |
| 1           | BYL11NB       | Years library has had video camera        | BY Library Questionnaire | Rec #: 1, Pos: 13725 |
| 1           | BYL11NC       | Students may use video camera             | BY Library Questionnaire | Rec #: 1, Pos: 13727 |
| 1           | BYL11ND       | Faculty/staff may use video camera        | BY Library Questionnaire | Rec #: 1, Pos: 13729 |
| 1           | BYL11NE       | Library staff may use video camera        | BY Library Questionnaire | Rec #: 1, Pos: 13731 |
| 1           | BYL11OA       | Library has satellite TV hook-up          | BY Library Questionnaire | Rec #: 1, Pos: 13733 |
| 1           | BYL11OB       | Years library has had satellite TV hookup | BY Library Questionnaire | Rec #: 1, Pos: 13735 |
| 1           | BYL11OC       | Students may use satellite TV hookup      | BY Library Questionnaire | Rec #: 1, Pos: 13737 |
| 1           | BYL11OD       | Faculty/staff may use satellite TV hookup | BY Library Questionnaire | Rec #: 1, Pos: 13739 |
| 1           | BYL11OE       | Library staff may use satellite TV hookup | BY Library Questionnaire | Rec #: 1, Pos: 13741 |
| 1           | BYL11PA       | Library has audio equipment               | BY Library Questionnaire | Rec #: 1, Pos: 13743 |
| 1           | BYL11PB       | Years library has had audio equipment     | BY Library Questionnaire | Rec #: 1, Pos: 13745 |
| 1           | BYL11PC       | Students may use audio equipment          | BY Library Questionnaire | Rec #: 1, Pos: 13747 |
| 1           | BYL11PD       | Faculty/staff may use audio equipment     | BY Library Questionnaire | Rec #: 1, Pos: 13749 |
| 1           | BYL11PE       | Library staff may use audio equipment     | BY Library Questionnaire | Rec #: 1, Pos: 13751 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description      | Position             |
|-------------|---------------|----------------------------------------------------------|--------------------------|----------------------|
| 1           | BYL11QA       | Library has videoconference equipment                    | BY Library Questionnaire | Rec #: 1, Pos: 13753 |
| 1           | BYL11QB       | Years library had videoconference equipment              | BY Library Questionnaire | Rec #: 1, Pos: 13755 |
| 1           | BYL11QC       | Students may use videoconference equipment               | BY Library Questionnaire | Rec #: 1, Pos: 13757 |
| 1           | BYL11QD       | Faculty/staff may use videoconference equipment          | BY Library Questionnaire | Rec #: 1, Pos: 13759 |
| 1           | BYL11QE       | Library staff may use videoconference equipment          | BY Library Questionnaire | Rec #: 1, Pos: 13761 |
| 1           | BYL11RA       | Library has scanner                                      | BY Library Questionnaire | Rec #: 1, Pos: 13763 |
| 1           | BYL11RB       | Years library had scanner                                | BY Library Questionnaire | Rec #: 1, Pos: 13765 |
| 1           | BYL11RC       | Students may use scanner                                 | BY Library Questionnaire | Rec #: 1, Pos: 13767 |
| 1           | BYL11RD       | Faculty/staff may use scanner                            | BY Library Questionnaire | Rec #: 1, Pos: 13769 |
| 1           | BYL11RE       | Library staff may use scanner                            | BY Library Questionnaire | Rec #: 1, Pos: 13771 |
| 1           | BYL11SA       | Library has LCD panel/projection device                  | BY Library Questionnaire | Rec #: 1, Pos: 13773 |
| 1           | BYL11SB       | Years library had LCD panel/projection device            | BY Library Questionnaire | Rec #: 1, Pos: 13775 |
| 1           | BYL11SC       | Students may use LCD panel/projection device             | BY Library Questionnaire | Rec #: 1, Pos: 13777 |
| 1           | BYL11SD       | Faculty/staff may use LCD panel/projection device        | BY Library Questionnaire | Rec #: 1, Pos: 13779 |
| 1           | BYL11SE       | Library staff may use LCD panel/projection device        | BY Library Questionnaire | Rec #: 1, Pos: 13781 |
| 1           | BYL11TA       | Library has technology for disabled                      | BY Library Questionnaire | Rec #: 1, Pos: 13783 |
| 1           | BYL11TB       | Years library has had technology for disabled            | BY Library Questionnaire | Rec #: 1, Pos: 13785 |
| 1           | BYL11TC       | Students may use technology for disabled                 | BY Library Questionnaire | Rec #: 1, Pos: 13787 |
| 1           | BYL11TD       | Faculty/staff may use technology for disabled            | BY Library Questionnaire | Rec #: 1, Pos: 13789 |
| 1           | BYL11TE       | Library staff may use technology for disabled            | BY Library Questionnaire | Rec #: 1, Pos: 13791 |
| 1           | BYL12A        | Online catalog available                                 | BY Library Questionnaire | Rec #: 1, Pos: 13793 |
| 1           | BYL12B        | Other libraries' online catalogs available               | BY Library Questionnaire | Rec #: 1, Pos: 13795 |
| 1           | BYL12C        | Internet access available                                | BY Library Questionnaire | Rec #: 1, Pos: 13797 |
| 1           | BYL12D        | E-mail/chat room access available                        | BY Library Questionnaire | Rec #: 1, Pos: 13799 |
| 1           | BYL12E        | Reference/bibliography databases available               | BY Library Questionnaire | Rec #: 1, Pos: 13801 |
| 1           | BYL12F        | General articles/news databases available                | BY Library Questionnaire | Rec #: 1, Pos: 13803 |
| 1           | BYL12G        | College/career databases available                       | BY Library Questionnaire | Rec #: 1, Pos: 13805 |
| 1           | BYL12H        | Academic subject databases available                     | BY Library Questionnaire | Rec #: 1, Pos: 13807 |
| 1           | BYL12I        | Electronic books/journals/references/magazines available | BY Library Questionnaire | Rec #: 1, Pos: 13809 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description      | Position             |
|-------------|---------------|-------------------------------------------------------------------|--------------------------|----------------------|
| 1           | BYL12J        | Educational software available                                    | BY Library Questionnaire | Rec #: 1, Pos: 13811 |
| 1           | BYL13         | Library has multimedia production facility                        | BY Library Questionnaire | Rec #: 1, Pos: 13813 |
| 1           | BYL14A        | Has interlibrary loan program with area high schools              | BY Library Questionnaire | Rec #: 1, Pos: 13815 |
| 1           | BYL14B        | Has interlibrary loan program with high schools in state          | BY Library Questionnaire | Rec #: 1, Pos: 13817 |
| 1           | BYL14C        | Has interlibrary loan program with public libraries               | BY Library Questionnaire | Rec #: 1, Pos: 13819 |
| 1           | BYL14D        | Has interlibrary loan program with the state library              | BY Library Questionnaire | Rec #: 1, Pos: 13821 |
| 1           | BYL14E        | Has interlibrary loan program with colleges/universities          | BY Library Questionnaire | Rec #: 1, Pos: 13823 |
| 1           | BYL14F        | Has other interlibrary loan program                               | BY Library Questionnaire | Rec #: 1, Pos: 13825 |
| 1           | BYL15         | School participates in distance learning                          | BY Library Questionnaire | Rec #: 1, Pos: 13827 |
| 1           | BYL16A        | 2001 holdings-books                                               | BY Library Questionnaire | Rec #: 1, Pos: 13829 |
| 1           | BYL16B        | 2001 holdings-video                                               | BY Library Questionnaire | Rec #: 1, Pos: 13831 |
| 1           | BYL16C        | 2001 holdings-periodical subscriptions                            | BY Library Questionnaire | Rec #: 1, Pos: 13833 |
| 1           | BYL16D        | 2001 holdings-electronic database subscription                    | BY Library Questionnaire | Rec #: 1, Pos: 13835 |
| 1           | BYL17         | Library has professional collection for teachers                  | BY Library Questionnaire | Rec #: 1, Pos: 13837 |
| 1           | BYL18         | # of professional collection volumes bought 2000-2001 school year | BY Library Questionnaire | Rec #: 1, Pos: 13839 |
| 1           | BYL19         | Total spent on computer hardware 2000-2001 school year            | BY Library Questionnaire | Rec #: 1, Pos: 13841 |
| 1           | BYL20         | When students may use library on own                              | BY Library Questionnaire | Rec #: 1, Pos: 13843 |
| 1           | BYL21A        | Students may use library on own before/after school               | BY Library Questionnaire | Rec #: 1, Pos: 13845 |
| 1           | BYL21B        | Students may use library on own during lunch break                | BY Library Questionnaire | Rec #: 1, Pos: 13847 |
| 1           | BYL21C        | Students may use library on own during set times                  | BY Library Questionnaire | Rec #: 1, Pos: 13849 |
| 1           | BYL21D        | Students may use library on own between class/recess              | BY Library Questionnaire | Rec #: 1, Pos: 13851 |
| 1           | BYL21E        | Students may use library on own at other time                     | BY Library Questionnaire | Rec #: 1, Pos: 13853 |
| 1           | BYL22A        | How often library used for classes at same time                   | BY Library Questionnaire | Rec #: 1, Pos: 13855 |
| 1           | BYL22B        | How often library used for one class only                         | BY Library Questionnaire | Rec #: 1, Pos: 13857 |
| 1           | BYL22C        | How often library used for small groups                           | BY Library Questionnaire | Rec #: 1, Pos: 13859 |
| 1           | BYL23         | How often library used for non-library activities                 | BY Library Questionnaire | Rec #: 1, Pos: 13861 |
| 1           | BYL24         | How many students use library per week                            | BY Library Questionnaire | Rec #: 1, Pos: 13863 |
| 1           | BYL25         | Total circulation per week                                        | BY Library Questionnaire | Rec #: 1, Pos: 13865 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description      | Position             |
|-------------|---------------|-----------------------------------------------------|--------------------------|----------------------|
| 1           | BYL26         | Maximum # of books students may take out            | BY Library Questionnaire | Rec #: 1, Pos: 13869 |
| 1           | BYL27A        | Students may take out reference material            | BY Library Questionnaire | Rec #: 1, Pos: 13871 |
| 1           | BYL27B        | Students may take out periodicals                   | BY Library Questionnaire | Rec #: 1, Pos: 13873 |
| 1           | BYL27C        | Students may take out AV materials                  | BY Library Questionnaire | Rec #: 1, Pos: 13875 |
| 1           | BYL27D        | Students may take out AV equipment                  | BY Library Questionnaire | Rec #: 1, Pos: 13877 |
| 1           | BYL27E        | Students may take out computer software             | BY Library Questionnaire | Rec #: 1, Pos: 13879 |
| 1           | BYL27F        | Students may take out computer hardware             | BY Library Questionnaire | Rec #: 1, Pos: 13881 |
| 1           | BYL27G        | Students may take out none of these                 | BY Library Questionnaire | Rec #: 1, Pos: 13883 |
| 1           | BYL28         | Parents allowed to check out material               | BY Library Questionnaire | Rec #: 1, Pos: 13885 |
| 1           | BYL29         | Worked in this library during 2000-2001 school year | BY Library Questionnaire | Rec #: 1, Pos: 13887 |
| 1           | BYL30A        | How often worked with English teachers              | BY Library Questionnaire | Rec #: 1, Pos: 13889 |
| 1           | BYL30B        | How often worked with math teachers                 | BY Library Questionnaire | Rec #: 1, Pos: 13891 |
| 1           | BYL31A        | School-board has policy on use of Internet          | BY Library Questionnaire | Rec #: 1, Pos: 13893 |
| 1           | BYL31B        | School-board has copyright policy                   | BY Library Questionnaire | Rec #: 1, Pos: 13895 |
| 1           | BYL31C        | School-board has materials selection policy         | BY Library Questionnaire | Rec #: 1, Pos: 13897 |
| 1           | BYL31D        | School-board has none of these policies             | BY Library Questionnaire | Rec #: 1, Pos: 13899 |
| 1           | BYL32         | School has library policy/procedure manual          | BY Library Questionnaire | Rec #: 1, Pos: 13901 |
| 1           | BYL34         | Library questionnaire respondent's title            | BY Library Questionnaire | Rec #: 1, Pos: 13903 |
| 1           | BYL35         | Date library questionnaire completed                | BY Library Questionnaire | Rec #: 1, Pos: 13905 |
| 1           | BYF01A        | Trash on front hallway floors                       | BY Facilities Checklist  | Rec #: 1, Pos: 13911 |
| 1           | BYF01B        | Overflowing trashcans in hallway                    | BY Facilities Checklist  | Rec #: 1, Pos: 13913 |
| 1           | BYF01C        | Broken lights in hallway                            | BY Facilities Checklist  | Rec #: 1, Pos: 13915 |
| 1           | BYF01D        | Graffiti on hallway walls/doors/ceiling             | BY Facilities Checklist  | Rec #: 1, Pos: 13917 |
| 1           | BYF01E        | Graffiti on lockers in hallway                      | BY Facilities Checklist  | Rec #: 1, Pos: 13919 |
| 1           | BYF01F        | Visible fire/emergency alarms in hallway            | BY Facilities Checklist  | Rec #: 1, Pos: 13921 |
| 1           | BYF01G        | Chipped paint in hallway                            | BY Facilities Checklist  | Rec #: 1, Pos: 13923 |
| 1           | BYF01H        | Hallway ceilings in disrepair                       | BY Facilities Checklist  | Rec #: 1, Pos: 13925 |
| 1           | BYF01I        | Visible safety exit signs in hallway                | BY Facilities Checklist  | Rec #: 1, Pos: 13927 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                              | Section Description     | Position             |
|-------------|---------------|---------------------------------------------|-------------------------|----------------------|
| 1           | BYF01J        | Hallway floor and walls appear clean        | BY Facilities Checklist | Rec #: 1, Pos: 13929 |
| 1           | BYF02         | Noise level of main entrance during class   | BY Facilities Checklist | Rec #: 1, Pos: 13931 |
| 1           | BYF03A        | Visitor check-in sign observed              | BY Facilities Checklist | Rec #: 1, Pos: 13933 |
| 1           | BYF03B        | Sign stating 'no drugs' observed            | BY Facilities Checklist | Rec #: 1, Pos: 13935 |
| 1           | BYF03C        | Sign stating 'no trespassing' observed      | BY Facilities Checklist | Rec #: 1, Pos: 13937 |
| 1           | BYF03D        | Sign stating 'no weapons' observed          | BY Facilities Checklist | Rec #: 1, Pos: 13939 |
| 1           | BYF04A        | Graffiti on bathroom walls and ceilings     | BY Facilities Checklist | Rec #: 1, Pos: 13941 |
| 1           | BYF04B        | Graffiti on bathroom stall doors/walls      | BY Facilities Checklist | Rec #: 1, Pos: 13943 |
| 1           | BYF04C        | Trash on bathroom floor                     | BY Facilities Checklist | Rec #: 1, Pos: 13945 |
| 1           | BYF04D        | Overflowing trashcans in bathroom           | BY Facilities Checklist | Rec #: 1, Pos: 13947 |
| 1           | BYF04E        | Doors on all bathroom stalls                | BY Facilities Checklist | Rec #: 1, Pos: 13949 |
| 1           | BYF04F        | Students loitering in bathroom during class | BY Facilities Checklist | Rec #: 1, Pos: 13951 |
| 1           | BYF04G        | Students smoking in bathroom during class   | BY Facilities Checklist | Rec #: 1, Pos: 13953 |
| 1           | BYF05A        | Locks on inside of classroom door           | BY Facilities Checklist | Rec #: 1, Pos: 13955 |
| 1           | BYF05B        | Classroom ceiling in disrepair              | BY Facilities Checklist | Rec #: 1, Pos: 13957 |
| 1           | BYF05C        | Broken lights in classroom                  | BY Facilities Checklist | Rec #: 1, Pos: 13959 |
| 1           | BYF05D        | Graffiti on classroom walls/ceiling/doors   | BY Facilities Checklist | Rec #: 1, Pos: 13961 |
| 1           | BYF05E        | Graffiti on classroom desks                 | BY Facilities Checklist | Rec #: 1, Pos: 13963 |
| 1           | BYF05F        | Trash on classroom floor                    | BY Facilities Checklist | Rec #: 1, Pos: 13965 |
| 1           | BYF05G        | Overflowing trashcan in classroom           | BY Facilities Checklist | Rec #: 1, Pos: 13967 |
| 1           | BYF05H        | Classroom floor and walls appear clean      | BY Facilities Checklist | Rec #: 1, Pos: 13969 |
| 1           | BYF05I        | Posters or material on classroom windows    | BY Facilities Checklist | Rec #: 1, Pos: 13971 |
| 1           | BYF05J        | Bars on classroom windows                   | BY Facilities Checklist | Rec #: 1, Pos: 13973 |
| 1           | BYF05K        | Classroom windows broken                    | BY Facilities Checklist | Rec #: 1, Pos: 13975 |
| 1           | BYF06A        | Students wear ID badges                     | BY Facilities Checklist | Rec #: 1, Pos: 13977 |
| 1           | BYF06B        | Teachers wear ID badges                     | BY Facilities Checklist | Rec #: 1, Pos: 13979 |
| 1           | BYF06C        | Other personnel wear ID badges              | BY Facilities Checklist | Rec #: 1, Pos: 13981 |
| 1           | BYF06D        | Visitors wear ID badges                     | BY Facilities Checklist | Rec #: 1, Pos: 13983 |
| 1           | BYF07         | School has parking lots                     | BY Facilities Checklist | Rec #: 1, Pos: 13985 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description     | Position             |
|-------------|---------------|------------------------------------------------------------------|-------------------------|----------------------|
| 1           | BYF08A        | # entrances/exits to parking lots                                | BY Facilities Checklist | Rec #: 1, Pos: 13987 |
| 1           | BYF08B        | # entrances/exits monitored by video                             | BY Facilities Checklist | Rec #: 1, Pos: 13989 |
| 1           | BYF08C        | # entrances/exits monitored by guard                             | BY Facilities Checklist | Rec #: 1, Pos: 13991 |
| 1           | BYF08D        | # entrances/exits locked during day                              | BY Facilities Checklist | Rec #: 1, Pos: 13993 |
| 1           | BYF09A        | How much litter/trash in area around school                      | BY Facilities Checklist | Rec #: 1, Pos: 13995 |
| 1           | BYF09B        | How much graffiti in area around school                          | BY Facilities Checklist | Rec #: 1, Pos: 13997 |
| 1           | BYF09C        | How many boarded up buildings in area around school              | BY Facilities Checklist | Rec #: 1, Pos: 13999 |
| 1           | BYF09D        | How many people congregated in area around school                | BY Facilities Checklist | Rec #: 1, Pos: 14001 |
| 1           | BYF09E        | How many students loitering in area around school                | BY Facilities Checklist | Rec #: 1, Pos: 14003 |
| 1           | BYF10A        | Observed security guard                                          | BY Facilities Checklist | Rec #: 1, Pos: 14005 |
| 1           | BYF10B        | Observed metal detectors                                         | BY Facilities Checklist | Rec #: 1, Pos: 14007 |
| 1           | BYF10C        | Observed security cameras                                        | BY Facilities Checklist | Rec #: 1, Pos: 14009 |
| 1           | BYF10D        | Observed fencing around entire school                            | BY Facilities Checklist | Rec #: 1, Pos: 14011 |
| 1           | BYF10E        | Observed sign-in policies                                        | BY Facilities Checklist | Rec #: 1, Pos: 14013 |
| 1           | BYF10F        | Observed adult direct guests to sign-in                          | BY Facilities Checklist | Rec #: 1, Pos: 14015 |
| 1           | BYF10G        | Observed fire alarms                                             | BY Facilities Checklist | Rec #: 1, Pos: 14017 |
| 1           | BYF10H        | Observed fire extinguishers                                      | BY Facilities Checklist | Rec #: 1, Pos: 14019 |
| 1           | BYF10I        | Observed fire sprinklers                                         | BY Facilities Checklist | Rec #: 1, Pos: 14021 |
| 1           | BYF10J        | Observed exterior lights                                         | BY Facilities Checklist | Rec #: 1, Pos: 14023 |
| 1           | BYF10K        | Observed student lockers                                         | BY Facilities Checklist | Rec #: 1, Pos: 14025 |
| 1           | BYF10L        | Observed student uniforms                                        | BY Facilities Checklist | Rec #: 1, Pos: 14027 |
| 1           | BYF10M        | Observed signs-alarm if door opened                              | BY Facilities Checklist | Rec #: 1, Pos: 14029 |
| 2           | SCH_ID        | School ID                                                        | ID Variables            | Rec #: 1, Pos: 1     |
| 2           | STRAT_ID      | Stratum                                                          | ID Variables            | Rec #: 1, Pos: 5     |
| 2           | PSU           | Primary sampling unit                                            | ID Variables            | Rec #: 1, Pos: 8     |
| 2           | BYSCHWT       | School weight                                                    | BY School Composites    | Rec #: 1, Pos: 10    |
| 2           | BYADMSTA      | Base year administrator questionnaire status                     | BY School Composites    | Rec #: 1, Pos: 20    |
| 2           | BYSCMDST      | Base Year library media center questionnaire status (restricted) | BY School Composites    | Rec #: 1, Pos: 22    |
| 2           | BYSCMDFG      | Base year library media center questionnaire flag                | BY School Composites    | Rec #: 1, Pos: 24    |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description             | Position           |
|-------------|---------------|-----------------------------------------------------------------|---------------------------------|--------------------|
| 2           | BYG10ER       | Grade 10 enrollment-2001/02 school roster (restricted)          | BY School Composites            | Rec #: 1, Pos: 26  |
| 2           | BYG10EP       | Grade 10 enrollment-2001/02 school roster-categorical           | BY School Composites            | Rec #: 1, Pos: 30  |
| 2           | BYSCENP       | Oct 2001 total school enrollment-administrator quex-categorical | BY School Composites            | Rec #: 1, Pos: 32  |
| 2           | BYSCTRL       | School control                                                  | BY School Composites            | Rec #: 1, Pos: 34  |
| 2           | BYURBAN       | School urbanicity                                               | BY School Composites            | Rec #: 1, Pos: 36  |
| 2           | BYREGION      | Geographic region of school                                     | BY School Composites            | Rec #: 1, Pos: 38  |
| 2           | BYSPANP       | Grade span-administrator questionnaire                          | BY School Composites            | Rec #: 1, Pos: 40  |
| 2           | BY10FLP       | Grade 10 percent free lunch-categorical                         | BY School Composites            | Rec #: 1, Pos: 42  |
| 2           | BYFTTP        | Number of full-time teachers categorical                        | BY School Composites            | Rec #: 1, Pos: 44  |
| 2           | BYCENDIV      | Census division of school locale (restricted)                   | BY School Composites            | Rec #: 1, Pos: 46  |
| 2           | BYSTATE       | State code for school locale (restricted)                       | BY School Composites            | Rec #: 1, Pos: 48  |
| 2           | BYCOUNTY      | County code for school locale (restricted)                      | BY School Composites            | Rec #: 1, Pos: 50  |
| 2           | BYSCHZIP      | School zip code (restricted)                                    | BY School Composites            | Rec #: 1, Pos: 55  |
| 2           | F1ADMSTA      | F1 administrator questionnaire status                           | F1 School Composites            | Rec #: 1, Pos: 60  |
| 2           | F1SCENP       | Oct 2003 total school enrollment-administrator quex-categorical | F1 School Composites            | Rec #: 1, Pos: 62  |
| 2           | F1SCFLP       | F1 School percent free lunch-categorical                        | F1 School Composites            | Rec #: 1, Pos: 64  |
| 2           | F1FTTP        | F1 Number of full-time teachers categorical                     | F1 School Composites            | Rec #: 1, Pos: 66  |
| 2           | F1SGRDSY      | Grade system                                                    | High School Transcript (School) | Rec #: 1, Pos: 68  |
| 2           | F1SGRDAP      | Lower bound of A plus                                           | High School Transcript (School) | Rec #: 1, Pos: 70  |
| 2           | F1SGRDA       | Lower bound of A                                                | High School Transcript (School) | Rec #: 1, Pos: 73  |
| 2           | F1SGRDAM      | Lower bound of A minus                                          | High School Transcript (School) | Rec #: 1, Pos: 76  |
| 2           | F1SGRDBP      | Lower bound of B plus                                           | High School Transcript (School) | Rec #: 1, Pos: 79  |
| 2           | F1SGRDB       | Lower bound of B                                                | High School Transcript (School) | Rec #: 1, Pos: 82  |
| 2           | F1SGRDBM      | Lower bound of B minus                                          | High School Transcript (School) | Rec #: 1, Pos: 85  |
| 2           | F1SGRDCP      | Lower bound of C plus                                           | High School Transcript (School) | Rec #: 1, Pos: 88  |
| 2           | F1SGRDC       | Lower bound of C                                                | High School Transcript (School) | Rec #: 1, Pos: 91  |
| 2           | F1SGRDCM      | Lower bound of C minus                                          | High School Transcript (School) | Rec #: 1, Pos: 94  |
| 2           | F1SGRDDP      | Lower bound of D plus                                           | High School Transcript (School) | Rec #: 1, Pos: 97  |
| 2           | F1SGRDD       | Lower bound of D                                                | High School Transcript (School) | Rec #: 1, Pos: 100 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description             | Position           |
|-------------|---------------|--------------------------------------------------------------------|---------------------------------|--------------------|
| 2           | F1SGRDDM      | Lower bound of D minus                                             | High School Transcript (School) | Rec #: 1, Pos: 103 |
| 2           | F1SGRDP       | Lower bound of pass                                                | High School Transcript (School) | Rec #: 1, Pos: 106 |
| 2           | F1SCONV       | Credit conversion for year-long daily course                       | High School Transcript (School) | Rec #: 1, Pos: 109 |
| 2           | F1STERM       | Term system                                                        | High School Transcript (School) | Rec #: 1, Pos: 112 |
| 2           | F1SOFFS1      | Off-site courses available to students                             | High School Transcript (School) | Rec #: 1, Pos: 114 |
| 2           | F1SOFFS2      | Off-site courses identified in course catalog                      | High School Transcript (School) | Rec #: 1, Pos: 116 |
| 2           | F1SOFFS3      | Off-site courses identified on course transcript                   | High School Transcript (School) | Rec #: 1, Pos: 118 |
| 2           | F1SPSHS1      | PSE courses for high school credit available to students           | High School Transcript (School) | Rec #: 1, Pos: 120 |
| 2           | F1SPSHS2      | PSE courses for high school credit identified in course catalog    | High School Transcript (School) | Rec #: 1, Pos: 122 |
| 2           | F1SPSHS3      | PSE courses for high school credit identified on course transcript | High School Transcript (School) | Rec #: 1, Pos: 124 |
| 2           | F1SPSDU1      | PSE courses for dual credit available to students                  | High School Transcript (School) | Rec #: 1, Pos: 126 |
| 2           | F1SPSDU2      | PSE courses for dual credit identified in course catalog           | High School Transcript (School) | Rec #: 1, Pos: 128 |
| 2           | F1SPSDU3      | PSE courses for dual credit identified on course transcript        | High School Transcript (School) | Rec #: 1, Pos: 130 |
| 2           | F1STECH1      | Tech prep courses available to students                            | High School Transcript (School) | Rec #: 1, Pos: 132 |
| 2           | F1STECH2      | Tech prep courses identified in course catalog                     | High School Transcript (School) | Rec #: 1, Pos: 134 |
| 2           | F1STECH3      | Tech prep courses identified on course transcript                  | High School Transcript (School) | Rec #: 1, Pos: 136 |
| 2           | F1SACAD1      | Career academy courses available to students                       | High School Transcript (School) | Rec #: 1, Pos: 138 |
| 2           | F1SACAD2      | Career academy courses identified in course catalog                | High School Transcript (School) | Rec #: 1, Pos: 140 |
| 2           | F1SACAD3      | Career academy courses identified on course transcript             | High School Transcript (School) | Rec #: 1, Pos: 142 |
| 2           | F1SONLN1      | On-line courses available to students                              | High School Transcript (School) | Rec #: 1, Pos: 144 |
| 2           | F1SONLN2      | On-line courses identified in course catalog                       | High School Transcript (School) | Rec #: 1, Pos: 146 |
| 2           | F1SONLN3      | On-line courses identified on course transcript                    | High School Transcript (School) | Rec #: 1, Pos: 148 |
| 2           | F1SOFFD1      | Standard diploma offered                                           | High School Transcript (School) | Rec #: 1, Pos: 150 |
| 2           | F1SCRED1      | School assigned credits for standard diploma                       | High School Transcript (School) | Rec #: 1, Pos: 152 |
| 2           | F1SCRES1      | Standardized credits for standard diploma                          | High School Transcript (School) | Rec #: 1, Pos: 158 |
| 2           | F1SOFFD2      | Regents diploma offered                                            | High School Transcript (School) | Rec #: 1, Pos: 164 |
| 2           | F1SCRED2      | School assigned credits for regent diploma                         | High School Transcript (School) | Rec #: 1, Pos: 166 |
| 2           | F1SCRES2      | Standardized credits for regent diploma                            | High School Transcript (School) | Rec #: 1, Pos: 172 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description             | Position           |
|-------------|---------------|-----------------------------------------------------------------|---------------------------------|--------------------|
| 2           | F1SOFFD3      | Honors diploma offered                                          | High School Transcript (School) | Rec #: 1, Pos: 178 |
| 2           | F1SCRED3      | School assigned credits for honors diploma                      | High School Transcript (School) | Rec #: 1, Pos: 180 |
| 2           | F1SCRES3      | Standardized credits for honors diploma                         | High School Transcript (School) | Rec #: 1, Pos: 186 |
| 2           | F1SOFFD4      | Certificate of merit offered                                    | High School Transcript (School) | Rec #: 1, Pos: 192 |
| 2           | F1SCRED4      | School assigned credits for certificate of merit                | High School Transcript (School) | Rec #: 1, Pos: 194 |
| 2           | F1SCRES4      | Standardized credits for certificate of merit                   | High School Transcript (School) | Rec #: 1, Pos: 200 |
| 2           | F1SOFFD5      | Vocational diploma offered                                      | High School Transcript (School) | Rec #: 1, Pos: 206 |
| 2           | F1SCRED5      | School assigned credits for vocational diploma                  | High School Transcript (School) | Rec #: 1, Pos: 208 |
| 2           | F1SCRES5      | Standardized credits for vocational diploma                     | High School Transcript (School) | Rec #: 1, Pos: 214 |
| 2           | F1SOFFD6      | Special education diploma offered                               | High School Transcript (School) | Rec #: 1, Pos: 220 |
| 2           | F1SCRED6      | School assigned credits for special education diploma           | High School Transcript (School) | Rec #: 1, Pos: 222 |
| 2           | F1SCRES6      | Standardized credits for special education diploma              | High School Transcript (School) | Rec #: 1, Pos: 228 |
| 2           | F1SOFFD7      | Certificate of attendance offered                               | High School Transcript (School) | Rec #: 1, Pos: 234 |
| 2           | F1SCRED7      | School assigned credits for certificate of attendance           | High School Transcript (School) | Rec #: 1, Pos: 236 |
| 2           | F1SCRES7      | Standardized credits for certificate of attendance              | High School Transcript (School) | Rec #: 1, Pos: 242 |
| 2           | F1SOFFD8      | International Baccalaureate diploma offered                     | High School Transcript (School) | Rec #: 1, Pos: 248 |
| 2           | F1SCRED8      | School assigned credits for International Baccalaureate diploma | High School Transcript (School) | Rec #: 1, Pos: 250 |
| 2           | F1SCRES8      | Standardized credits for International Baccalaureate diploma    | High School Transcript (School) | Rec #: 1, Pos: 256 |
| 2           | NCESDI        | NCES school district ID number (restricted)                     | External Source School Data     | Rec #: 1, Pos: 262 |
| 2           | NCESSI        | School identification number from CCD or PSS (restricted)       | External Source School Data     | Rec #: 1, Pos: 269 |
| 2           | CP01FLUN      | Percent free lunch-2000/01 CCD (restricted)                     | External Source School Data     | Rec #: 1, Pos: 281 |
| 2           | CP01FTE       | Number FTE teachers-2000/01 CCD (restricted)                    | External Source School Data     | Rec #: 1, Pos: 287 |
| 2           | CP01G9EN      | Grade 9 enrollment-2000/01 CCD (restricted)                     | External Source School Data     | Rec #: 1, Pos: 293 |
| 2           | CP01GRHI      | Highest Grade-2000/01 CCD (restricted)                          | External Source School Data     | Rec #: 1, Pos: 297 |
| 2           | CP01GRLO      | Lowest Grade-2000/01 CCD (restricted)                           | External Source School Data     | Rec #: 1, Pos: 299 |
| 2           | CP01LOC       | School locale-2000/01 CCD (restricted)                          | External Source School Data     | Rec #: 1, Pos: 301 |
| 2           | CP01PMIN      | Percent minority-2000/01 CCD (restricted)                       | External Source School Data     | Rec #: 1, Pos: 303 |
| 2           | CP01STEN      | Total school enrollment-2000/01 CCD (restricted)                | External Source School Data     | Rec #: 1, Pos: 309 |
| 2           | CP01STRO      | Student/teacher ratio-2000/01 CCD (restricted)                  | External Source School Data     | Rec #: 1, Pos: 313 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                       | Section Description         | Position           |
|-------------|---------------|------------------------------------------------------|-----------------------------|--------------------|
| 2           | CP01STYP      | School type-2000/01 CCD (restricted)                 | External Source School Data | Rec #: 1, Pos: 318 |
| 2           | CP02FLUN      | Percent free lunch-2001/02 CCD/PSS (restricted)      | External Source School Data | Rec #: 1, Pos: 320 |
| 2           | CP02FTE       | Number FTE teachers-2001/02 CCD/PSS (restricted)     | External Source School Data | Rec #: 1, Pos: 326 |
| 2           | CP02G10E      | Grade 10 enrollment-2001/02 CCD/PSS (restricted)     | External Source School Data | Rec #: 1, Pos: 332 |
| 2           | CP02GRHI      | Highest Grade-2001/02 CCD/PSS (restricted)           | External Source School Data | Rec #: 1, Pos: 336 |
| 2           | CP02GRLO      | Lowest Grade-2001/02 CCD/PSS (restricted)            | External Source School Data | Rec #: 1, Pos: 338 |
| 2           | CP02LOC       | School locale-2001/02 CCD/PSS (restricted)           | External Source School Data | Rec #: 1, Pos: 340 |
| 2           | CP02PMIN      | Percent minority-2001/02 CCD/PSS (restricted)        | External Source School Data | Rec #: 1, Pos: 342 |
| 2           | CP02STEN      | Total school enrollment-2001/02 CCD/PSS (restricted) | External Source School Data | Rec #: 1, Pos: 348 |
| 2           | CP02STRO      | Student/teacher ratio-2001/02 CCD/PSS (restricted)   | External Source School Data | Rec #: 1, Pos: 352 |
| 2           | CP02STYP      | School type-2001/02 CCD/PSS (restricted)             | External Source School Data | Rec #: 1, Pos: 357 |
| 2           | CP03FLUN      | Percent free lunch-2002/03 CCD (restricted)          | External Source School Data | Rec #: 1, Pos: 359 |
| 2           | CP03FTE       | Number FTE teachers-2002/03 CCD (restricted)         | External Source School Data | Rec #: 1, Pos: 365 |
| 2           | CP03G11E      | Grade 11 enrollment-2002/03 CCD (restricted)         | External Source School Data | Rec #: 1, Pos: 371 |
| 2           | CP03GRHI      | Highest Grade-2002/03 CCD (restricted)               | External Source School Data | Rec #: 1, Pos: 375 |
| 2           | CP03GRLO      | Lowest Grade-2002/03 CCD (restricted)                | External Source School Data | Rec #: 1, Pos: 377 |
| 2           | CP03LOC       | School locale-2002/03 CCD (restricted)               | External Source School Data | Rec #: 1, Pos: 379 |
| 2           | CP03PMIN      | Percent minority-2002/03 CCD (restricted)            | External Source School Data | Rec #: 1, Pos: 381 |
| 2           | CP03STEN      | Total school enrollment-2002/03 CCD (restricted)     | External Source School Data | Rec #: 1, Pos: 387 |
| 2           | CP03STRO      | Student/teacher ratio-2002/03 CCD (restricted)       | External Source School Data | Rec #: 1, Pos: 391 |
| 2           | CP03STYP      | School type-2002/03 CCD (restricted)                 | External Source School Data | Rec #: 1, Pos: 397 |
| 2           | CP04FLUN      | Percent free lunch-2003/04 CCD/PSS (restricted)      | External Source School Data | Rec #: 1, Pos: 399 |
| 2           | CP04FTE       | Number FTE teachers-2003/04 CCD/PSS (restricted)     | External Source School Data | Rec #: 1, Pos: 405 |
| 2           | CP04G12E      | Grade 12 enrollment-2003/04 CCD/PSS (restricted)     | External Source School Data | Rec #: 1, Pos: 411 |
| 2           | CP04GRHI      | Highest Grade-2003/04 CCD/PSS (restricted)           | External Source School Data | Rec #: 1, Pos: 415 |
| 2           | CP04GRLO      | Lowest Grade-2003/04 CCD/PSS (restricted)            | External Source School Data | Rec #: 1, Pos: 417 |
| 2           | CP04LOC       | School locale-2003/04 CCD/PSS (restricted)           | External Source School Data | Rec #: 1, Pos: 419 |
| 2           | CP04PMIN      | Percent minority-2003/04 CCD/PSS (restricted)        | External Source School Data | Rec #: 1, Pos: 421 |
| 2           | CP04STEN      | Total school enrollment-2003/04 CCD/PSS (restricted) | External Source School Data | Rec #: 1, Pos: 427 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description            | Position           |
|-------------|---------------|----------------------------------------------------------|--------------------------------|--------------------|
| 2           | CP04STRO      | Student/teacher ratio-2003/04 CCD/PSS (restricted)       | External Source School Data    | Rec #: 1, Pos: 431 |
| 2           | CP04STYP      | School type-2003/04 CCD/PSS (restricted)                 | External Source School Data    | Rec #: 1, Pos: 436 |
| 2           | BYA01         | Total student enrollment as of October 2001 (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 438 |
| 2           | BYA02A        | School has pre-kindergarten (restricted)                 | BY Administrator Questionnaire | Rec #: 1, Pos: 442 |
| 2           | BYA02B        | School has kindergarten (restricted)                     | BY Administrator Questionnaire | Rec #: 1, Pos: 444 |
| 2           | BYA02C        | School has 1st grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 446 |
| 2           | BYA02D        | School has 2nd grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 448 |
| 2           | BYA02E        | School has 3rd grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 450 |
| 2           | BYA02F        | School has 4th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 452 |
| 2           | BYA02G        | School has 5th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 454 |
| 2           | BYA02H        | School has 6th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 456 |
| 2           | BYA02I        | School has 7th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 458 |
| 2           | BYA02J        | School has 8th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 460 |
| 2           | BYA02K        | School has 9th grade (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 462 |
| 2           | BYA02L        | School has 10th grade (restricted)                       | BY Administrator Questionnaire | Rec #: 1, Pos: 464 |
| 2           | BYA02M        | School has 11th grade (restricted)                       | BY Administrator Questionnaire | Rec #: 1, Pos: 466 |
| 2           | BYA02N        | School has 12th grade (restricted)                       | BY Administrator Questionnaire | Rec #: 1, Pos: 468 |
| 2           | BYA02O        | School has 13th grade or higher (restricted)             | BY Administrator Questionnaire | Rec #: 1, Pos: 470 |
| 2           | BYA03A        | Comprehensive public school (restricted)                 | BY Administrator Questionnaire | Rec #: 1, Pos: 472 |
| 2           | BYA03B        | Public magnet school (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 474 |
| 2           | BYA03C        | Public magnet school with theme (restricted)             | BY Administrator Questionnaire | Rec #: 1, Pos: 476 |
| 2           | BYA03D        | Public school of choice (restricted)                     | BY Administrator Questionnaire | Rec #: 1, Pos: 478 |
| 2           | BYA03E        | Year round school (restricted)                           | BY Administrator Questionnaire | Rec #: 1, Pos: 480 |
| 2           | BYA03F        | Area vocational school/center (restricted)               | BY Administrator Questionnaire | Rec #: 1, Pos: 482 |
| 2           | BYA03G        | Full-time technical/vocational school (restricted)       | BY Administrator Questionnaire | Rec #: 1, Pos: 484 |
| 2           | BYA03H        | Other technical or vocational school (restricted)        | BY Administrator Questionnaire | Rec #: 1, Pos: 486 |
| 2           | BYA03I        | Catholic diocesan school (restricted)                    | BY Administrator Questionnaire | Rec #: 1, Pos: 488 |
| 2           | BYA03J        | Catholic parish (restricted)                             | BY Administrator Questionnaire | Rec #: 1, Pos: 490 |
| 2           | BYA03K        | Catholic religious order (restricted)                    | BY Administrator Questionnaire | Rec #: 1, Pos: 492 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                  | Section Description            | Position           |
|-------------|---------------|-----------------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA03L        | Catholic independent school (restricted)                        | BY Administrator Questionnaire | Rec #: 1, Pos: 494 |
| 2           | BYA03M        | Other private school with religious affiliation (restricted)    | BY Administrator Questionnaire | Rec #: 1, Pos: 496 |
| 2           | BYA03N        | Private school without religious affiliation (restricted)       | BY Administrator Questionnaire | Rec #: 1, Pos: 498 |
| 2           | BYA03O        | Boarding school (restricted)                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 500 |
| 2           | BYA03P        | Indian reservation school (restricted)                          | BY Administrator Questionnaire | Rec #: 1, Pos: 502 |
| 2           | BYA03Q        | Military academy (restricted)                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 504 |
| 2           | BYA03R        | Alternative/dropout prevention/continuation school (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 506 |
| 2           | BYA03S        | Charter school (restricted)                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 508 |
| 2           | BYA04         | Way of teaching students with different abilities               | BY Administrator Questionnaire | Rec #: 1, Pos: 510 |
| 2           | BYA05         | Crime in students' neighborhood                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 512 |
| 2           | BYA06         | Type of academic calendar                                       | BY Administrator Questionnaire | Rec #: 1, Pos: 514 |
| 2           | BYA07         | # of days in school year for 10th graders                       | BY Administrator Questionnaire | Rec #: 1, Pos: 516 |
| 2           | BYA08         | # class periods in day for 10th graders                         | BY Administrator Questionnaire | Rec #: 1, Pos: 519 |
| 2           | BYA09         | # of minutes of average 10th grade class period                 | BY Administrator Questionnaire | Rec #: 1, Pos: 521 |
| 2           | BYA10         | Typical semester class load for 10th graders                    | BY Administrator Questionnaire | Rec #: 1, Pos: 524 |
| 2           | BYA11         | School is coeducational                                         | BY Administrator Questionnaire | Rec #: 1, Pos: 526 |
| 2           | BYA12A        | % in school-sponsored community service                         | BY Administrator Questionnaire | Rec #: 1, Pos: 528 |
| 2           | BYA12B        | % in work study program                                         | BY Administrator Questionnaire | Rec #: 1, Pos: 531 |
| 2           | BYA12C        | % in academic counseling program                                | BY Administrator Questionnaire | Rec #: 1, Pos: 534 |
| 2           | BYA12D        | % in vocational counseling program                              | BY Administrator Questionnaire | Rec #: 1, Pos: 537 |
| 2           | BYA12E        | % in dropout prevention program                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 540 |
| 2           | BYA12F        | % in gang prevention program                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 543 |
| 2           | BYA12G        | % in alcohol/drug prevention program                            | BY Administrator Questionnaire | Rec #: 1, Pos: 546 |
| 2           | BYA12H        | % in AIDS education program                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 549 |
| 2           | BYA12I        | % in crisis prevention program                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 552 |
| 2           | BYA13         | When parents notified of absences                               | BY Administrator Questionnaire | Rec #: 1, Pos: 555 |
| 2           | BYA14A        | % 10th graders in general high school program                   | BY Administrator Questionnaire | Rec #: 1, Pos: 557 |
| 2           | BYA14B        | % 10th graders in college prep program                          | BY Administrator Questionnaire | Rec #: 1, Pos: 560 |
| 2           | BYA14C        | % 10th graders in other specialized programs                    | BY Administrator Questionnaire | Rec #: 1, Pos: 563 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description            | Position           |
|-------------|---------------|------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA14D        | % 10th graders in voc/tech/business program    | BY Administrator Questionnaire | Rec #: 1, Pos: 566 |
| 2           | BYA14E        | % 10th graders in special ed program           | BY Administrator Questionnaire | Rec #: 1, Pos: 569 |
| 2           | BYA14F        | % 10th graders in alternative program          | BY Administrator Questionnaire | Rec #: 1, Pos: 572 |
| 2           | BYA14G        | % 10th graders receive bilingual education     | BY Administrator Questionnaire | Rec #: 1, Pos: 575 |
| 2           | BYA14H        | % 10th graders receive ESL                     | BY Administrator Questionnaire | Rec #: 1, Pos: 578 |
| 2           | BYA14I        | % 10th graders receive remedial reading        | BY Administrator Questionnaire | Rec #: 1, Pos: 581 |
| 2           | BYA14J        | % 10th graders receive remedial math           | BY Administrator Questionnaire | Rec #: 1, Pos: 584 |
| 2           | BYA14K        | % 10th graders in after school/summer outreach | BY Administrator Questionnaire | Rec #: 1, Pos: 587 |
| 2           | BYA15A        | Students develop career plan                   | BY Administrator Questionnaire | Rec #: 1, Pos: 590 |
| 2           | BYA15B        | Students select career major/pathway           | BY Administrator Questionnaire | Rec #: 1, Pos: 592 |
| 2           | BYA15C        | Students in program to prepare for college     | BY Administrator Questionnaire | Rec #: 1, Pos: 594 |
| 2           | BYA16         | Vocational-technical programs offered          | BY Administrator Questionnaire | Rec #: 1, Pos: 596 |
| 2           | BYA17A        | Agriculture/renewable resource courses offered | BY Administrator Questionnaire | Rec #: 1, Pos: 598 |
| 2           | BYA17B        | Business courses offered                       | BY Administrator Questionnaire | Rec #: 1, Pos: 600 |
| 2           | BYA17C        | Marketing/distribution courses offered         | BY Administrator Questionnaire | Rec #: 1, Pos: 602 |
| 2           | BYA17D        | Health care courses offered                    | BY Administrator Questionnaire | Rec #: 1, Pos: 604 |
| 2           | BYA17E        | Public/protective service courses offered      | BY Administrator Questionnaire | Rec #: 1, Pos: 606 |
| 2           | BYA17F        | Construction courses offered                   | BY Administrator Questionnaire | Rec #: 1, Pos: 608 |
| 2           | BYA17G        | Mechanics and repair courses offered           | BY Administrator Questionnaire | Rec #: 1, Pos: 610 |
| 2           | BYA17H        | Precisions production courses offered          | BY Administrator Questionnaire | Rec #: 1, Pos: 612 |
| 2           | BYA17I        | Trade/industry/transportation courses offered  | BY Administrator Questionnaire | Rec #: 1, Pos: 614 |
| 2           | BYA17J        | Computer technology courses offered            | BY Administrator Questionnaire | Rec #: 1, Pos: 616 |
| 2           | BYA17K        | Communication technology courses offered       | BY Administrator Questionnaire | Rec #: 1, Pos: 618 |
| 2           | BYA17L        | Other technology courses offered               | BY Administrator Questionnaire | Rec #: 1, Pos: 620 |
| 2           | BYA17M        | Food service and hospitality courses offered   | BY Administrator Questionnaire | Rec #: 1, Pos: 622 |
| 2           | BYA17N        | Child care/education courses offered           | BY Administrator Questionnaire | Rec #: 1, Pos: 624 |
| 2           | BYA17O        | Personal and other services courses offered    | BY Administrator Questionnaire | Rec #: 1, Pos: 626 |
| 2           | BYA17P        | Other occupational courses offered             | BY Administrator Questionnaire | Rec #: 1, Pos: 628 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description            | Position           |
|-------------|---------------|-------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA17Q        | Family/consumer sciences courses offered        | BY Administrator Questionnaire | Rec #: 1, Pos: 630 |
| 2           | BYA17R        | Industrial arts/technology courses offered      | BY Administrator Questionnaire | Rec #: 1, Pos: 632 |
| 2           | BYA18A        | Cooperative education offered to 10th graders   | BY Administrator Questionnaire | Rec #: 1, Pos: 634 |
| 2           | BYA18B        | Internships offered to 10th graders             | BY Administrator Questionnaire | Rec #: 1, Pos: 636 |
| 2           | BYA18C        | Job shadowing offered to 10th graders           | BY Administrator Questionnaire | Rec #: 1, Pos: 638 |
| 2           | BYA18D        | Mentoring offered to 10th graders               | BY Administrator Questionnaire | Rec #: 1, Pos: 640 |
| 2           | BYA18E        | Community service offered to 10th graders       | BY Administrator Questionnaire | Rec #: 1, Pos: 642 |
| 2           | BYA18F        | School-based enterprise offered to 10th graders | BY Administrator Questionnaire | Rec #: 1, Pos: 644 |
| 2           | BYA19AA       | Baseball offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 646 |
| 2           | BYA19AB       | Baseball offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 648 |
| 2           | BYA19BA       | Softball offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 650 |
| 2           | BYA19BB       | Softball offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 652 |
| 2           | BYA19CA       | Basketball offered to males                     | BY Administrator Questionnaire | Rec #: 1, Pos: 654 |
| 2           | BYA19CB       | Basketball offered to females                   | BY Administrator Questionnaire | Rec #: 1, Pos: 656 |
| 2           | BYA19DA       | Football offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 658 |
| 2           | BYA19DB       | Football offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 660 |
| 2           | BYA19EA       | Soccer offered to males                         | BY Administrator Questionnaire | Rec #: 1, Pos: 662 |
| 2           | BYA19EB       | Soccer offered to females                       | BY Administrator Questionnaire | Rec #: 1, Pos: 664 |
| 2           | BYA19FA       | Swim team offered to males                      | BY Administrator Questionnaire | Rec #: 1, Pos: 666 |
| 2           | BYA19FB       | Swim team offered to females                    | BY Administrator Questionnaire | Rec #: 1, Pos: 668 |
| 2           | BYA19GA       | Ice hockey offered to males                     | BY Administrator Questionnaire | Rec #: 1, Pos: 670 |
| 2           | BYA19GB       | Ice hockey offered to females                   | BY Administrator Questionnaire | Rec #: 1, Pos: 672 |
| 2           | BYA19HA       | Field hockey offered to males                   | BY Administrator Questionnaire | Rec #: 1, Pos: 674 |
| 2           | BYA19HB       | Field hockey offered to females                 | BY Administrator Questionnaire | Rec #: 1, Pos: 676 |
| 2           | BYA19IA       | Volleyball offered to males                     | BY Administrator Questionnaire | Rec #: 1, Pos: 678 |
| 2           | BYA19IB       | Volleyball offered to females                   | BY Administrator Questionnaire | Rec #: 1, Pos: 680 |
| 2           | BYA19JA       | Lacrosse offered to males                       | BY Administrator Questionnaire | Rec #: 1, Pos: 682 |
| 2           | BYA19JB       | Lacrosse offered to females                     | BY Administrator Questionnaire | Rec #: 1, Pos: 684 |
| 2           | BYA19KA       | Tennis offered to males                         | BY Administrator Questionnaire | Rec #: 1, Pos: 686 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description            | Position           |
|-------------|---------------|--------------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA19KB       | Tennis offered to females                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 688 |
| 2           | BYA19LA       | Cross-country offered to males                               | BY Administrator Questionnaire | Rec #: 1, Pos: 690 |
| 2           | BYA19LB       | Cross-country offered to females                             | BY Administrator Questionnaire | Rec #: 1, Pos: 692 |
| 2           | BYA19MA       | Track offered to males                                       | BY Administrator Questionnaire | Rec #: 1, Pos: 694 |
| 2           | BYA19MB       | Track offered to females                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 696 |
| 2           | BYA19NA       | Golf offered to males                                        | BY Administrator Questionnaire | Rec #: 1, Pos: 698 |
| 2           | BYA19NB       | Golf offered to females                                      | BY Administrator Questionnaire | Rec #: 1, Pos: 700 |
| 2           | BYA19OA       | Gymnastics offered to males                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 702 |
| 2           | BYA19OB       | Gymnastics offered to females                                | BY Administrator Questionnaire | Rec #: 1, Pos: 704 |
| 2           | BYA19PA       | Wrestling offered to males                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 706 |
| 2           | BYA19PB       | Wrestling offered to females                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 708 |
| 2           | BYA19QA       | Cheerleading offered to males                                | BY Administrator Questionnaire | Rec #: 1, Pos: 710 |
| 2           | BYA19QB       | Cheerleading offered to females                              | BY Administrator Questionnaire | Rec #: 1, Pos: 712 |
| 2           | BYA19RA       | Drill team offered to males                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 714 |
| 2           | BYA19RB       | Drill team offered to females                                | BY Administrator Questionnaire | Rec #: 1, Pos: 716 |
| 2           | BYA19SA       | Other sport offered to males                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 718 |
| 2           | BYA19SB       | Other sport offered to females                               | BY Administrator Questionnaire | Rec #: 1, Pos: 720 |
| 2           | BYA19TA       | No sports offered to males                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 722 |
| 2           | BYA19TB       | No sports offered to females                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 724 |
| 2           | BYA20         | % 10th graders are LEP or non-English proficient             | BY Administrator Questionnaire | Rec #: 1, Pos: 726 |
| 2           | BYA21         | % 10th graders receive free/reduced-price lunch (restricted) | BY Administrator Questionnaire | Rec #: 1, Pos: 729 |
| 2           | BYA22A        | # of full-time teachers (restricted)                         | BY Administrator Questionnaire | Rec #: 1, Pos: 732 |
| 2           | BYA22B        | # of part-time teachers                                      | BY Administrator Questionnaire | Rec #: 1, Pos: 735 |
| 2           | BYA23A        | # of full-time math teachers                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 737 |
| 2           | BYA23B        | # of full-time science teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 739 |
| 2           | BYA23C        | # of full-time art teachers                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 741 |
| 2           | BYA23D        | # of full-time music teachers                                | BY Administrator Questionnaire | Rec #: 1, Pos: 743 |
| 2           | BYA23E        | # of full-time English teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 745 |
| 2           | BYA23F        | # of full-time foreign language teachers                     | BY Administrator Questionnaire | Rec #: 1, Pos: 747 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description            | Position           |
|-------------|---------------|--------------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA23G        | # of full-time social sciences teachers                      | BY Administrator Questionnaire | Rec #: 1, Pos: 749 |
| 2           | BYA23H        | # of full-time history teachers                              | BY Administrator Questionnaire | Rec #: 1, Pos: 751 |
| 2           | BYA23I        | # of full-time vocational education teachers                 | BY Administrator Questionnaire | Rec #: 1, Pos: 753 |
| 2           | BYA23J        | # of full-time physical education teachers                   | BY Administrator Questionnaire | Rec #: 1, Pos: 755 |
| 2           | BYA23K        | # full-time guidance counselors                              | BY Administrator Questionnaire | Rec #: 1, Pos: 757 |
| 2           | BYA23L        | # full-time special education teachers                       | BY Administrator Questionnaire | Rec #: 1, Pos: 759 |
| 2           | BYA24A        | % full-time teachers are certified                           | BY Administrator Questionnaire | Rec #: 1, Pos: 761 |
| 2           | BYA24B        | % part-time teachers are certified                           | BY Administrator Questionnaire | Rec #: 1, Pos: 764 |
| 2           | BYA25A        | % full-time teachers teach out of field                      | BY Administrator Questionnaire | Rec #: 1, Pos: 767 |
| 2           | BYA25B        | % part-time teachers teach out of field                      | BY Administrator Questionnaire | Rec #: 1, Pos: 770 |
| 2           | BYA26A        | Lowest salary paid to full-time teachers                     | BY Administrator Questionnaire | Rec #: 1, Pos: 773 |
| 2           | BYA26B        | Highest salary paid to full-time teachers                    | BY Administrator Questionnaire | Rec #: 1, Pos: 778 |
| 2           | BYA27A        | Principal/administrator evaluates teachers                   | BY Administrator Questionnaire | Rec #: 1, Pos: 783 |
| 2           | BYA27B        | Teachers evaluate teachers                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 785 |
| 2           | BYA27C        | Students evaluate teachers                                   | BY Administrator Questionnaire | Rec #: 1, Pos: 787 |
| 2           | BYA28A        | Good teachers given special awards                           | BY Administrator Questionnaire | Rec #: 1, Pos: 789 |
| 2           | BYA28B        | Good teachers assigned to better students                    | BY Administrator Questionnaire | Rec #: 1, Pos: 791 |
| 2           | BYA28C        | Good teachers given a lighter teaching load                  | BY Administrator Questionnaire | Rec #: 1, Pos: 793 |
| 2           | BYA28D        | Good teachers relieved of administrative/disciplinary duties | BY Administrator Questionnaire | Rec #: 1, Pos: 795 |
| 2           | BYA28E        | Good teachers given priority on requests for materials       | BY Administrator Questionnaire | Rec #: 1, Pos: 797 |
| 2           | BYA28F        | Good teachers receive higher pay                             | BY Administrator Questionnaire | Rec #: 1, Pos: 799 |
| 2           | BYA28G        | Good teachers are not recognized in these ways               | BY Administrator Questionnaire | Rec #: 1, Pos: 801 |
| 2           | BYA29         | Content standards for academic subjects                      | BY Administrator Questionnaire | Rec #: 1, Pos: 803 |
| 2           | BYA30         | Main source of content standards                             | BY Administrator Questionnaire | Rec #: 1, Pos: 805 |
| 2           | BYA31         | Content standards linked with performance standards          | BY Administrator Questionnaire | Rec #: 1, Pos: 807 |
| 2           | BYA32         | Students must pass a test for high school diploma            | BY Administrator Questionnaire | Rec #: 1, Pos: 809 |
| 2           | BYA33AA       | Minimum competency test given in grade 7                     | BY Administrator Questionnaire | Rec #: 1, Pos: 811 |
| 2           | BYA33AB       | Math is on grade 7 competency test                           | BY Administrator Questionnaire | Rec #: 1, Pos: 813 |
| 2           | BYA33AC       | Science is on grade 7 competency test                        | BY Administrator Questionnaire | Rec #: 1, Pos: 815 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                        | Section Description            | Position           |
|-------------|---------------|-------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA33AD       | English is on grade 7 competency test                 | BY Administrator Questionnaire | Rec #: 1, Pos: 817 |
| 2           | BYA33AE       | History/social studies is on grade 7 competency test  | BY Administrator Questionnaire | Rec #: 1, Pos: 819 |
| 2           | BYA33BA       | Minimum competency test given in grade 8              | BY Administrator Questionnaire | Rec #: 1, Pos: 821 |
| 2           | BYA33BB       | Math is on grade 8 competency test                    | BY Administrator Questionnaire | Rec #: 1, Pos: 823 |
| 2           | BYA33BC       | Science is on grade 8 competency test                 | BY Administrator Questionnaire | Rec #: 1, Pos: 825 |
| 2           | BYA33BD       | English is on grade 8 competency test                 | BY Administrator Questionnaire | Rec #: 1, Pos: 827 |
| 2           | BYA33BE       | History/social studies is on grade 8 competency test  | BY Administrator Questionnaire | Rec #: 1, Pos: 829 |
| 2           | BYA33CA       | Minimum competency test given in grade 9              | BY Administrator Questionnaire | Rec #: 1, Pos: 831 |
| 2           | BYA33CB       | Math is on grade 9 competency test                    | BY Administrator Questionnaire | Rec #: 1, Pos: 833 |
| 2           | BYA33CC       | Science is on grade 9 competency test                 | BY Administrator Questionnaire | Rec #: 1, Pos: 835 |
| 2           | BYA33CD       | English is on grade 9 competency test                 | BY Administrator Questionnaire | Rec #: 1, Pos: 837 |
| 2           | BYA33CE       | History/social studies is on grade 9 competency test  | BY Administrator Questionnaire | Rec #: 1, Pos: 839 |
| 2           | BYA33DA       | Minimum competency test given in grade 10             | BY Administrator Questionnaire | Rec #: 1, Pos: 841 |
| 2           | BYA33DB       | Math is on grade 10 competency test                   | BY Administrator Questionnaire | Rec #: 1, Pos: 843 |
| 2           | BYA33DC       | Science is on grade 10 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 845 |
| 2           | BYA33DD       | English is on grade 10 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 847 |
| 2           | BYA33DE       | History/social studies is on grade 10 competency test | BY Administrator Questionnaire | Rec #: 1, Pos: 849 |
| 2           | BYA33EA       | Minimum competency test given in grade 11             | BY Administrator Questionnaire | Rec #: 1, Pos: 851 |
| 2           | BYA33EB       | Math is on grade 11 competency test                   | BY Administrator Questionnaire | Rec #: 1, Pos: 853 |
| 2           | BYA33EC       | Science is on grade 11 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 855 |
| 2           | BYA33ED       | English is on grade 11 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 857 |
| 2           | BYA33EE       | History/social studies is on grade 11 competency test | BY Administrator Questionnaire | Rec #: 1, Pos: 859 |
| 2           | BYA33FA       | Minimum competency test given in grade 12             | BY Administrator Questionnaire | Rec #: 1, Pos: 861 |
| 2           | BYA33FB       | Math is on grade 12 competency test                   | BY Administrator Questionnaire | Rec #: 1, Pos: 863 |
| 2           | BYA33FC       | Science is on grade 12 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 865 |
| 2           | BYA33FD       | English is on grade 12 competency test                | BY Administrator Questionnaire | Rec #: 1, Pos: 867 |
| 2           | BYA33FE       | History/social studies is on grade 12 competency test | BY Administrator Questionnaire | Rec #: 1, Pos: 869 |
| 2           | BYA34A        | Competency test is state requirement                  | BY Administrator Questionnaire | Rec #: 1, Pos: 871 |
| 2           | BYA34B        | Competency test is district requirement               | BY Administrator Questionnaire | Rec #: 1, Pos: 873 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description            | Position           |
|-------------|---------------|----------------------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA34C        | Competency test is school requirement                                | BY Administrator Questionnaire | Rec #: 1, Pos: 875 |
| 2           | BYA35         | Competency test tied to content standards                            | BY Administrator Questionnaire | Rec #: 1, Pos: 877 |
| 2           | BYA36         | % fail competency test on first attempt                              | BY Administrator Questionnaire | Rec #: 1, Pos: 879 |
| 2           | BYA37A        | Retake competency test if failed                                     | BY Administrator Questionnaire | Rec #: 1, Pos: 882 |
| 2           | BYA37B        | Take remedial class if fail competency test                          | BY Administrator Questionnaire | Rec #: 1, Pos: 884 |
| 2           | BYA37C        | Complete competency test preparation class if fail                   | BY Administrator Questionnaire | Rec #: 1, Pos: 886 |
| 2           | BYA37D        | Tutoring/individualized academic program if fail competency test     | BY Administrator Questionnaire | Rec #: 1, Pos: 888 |
| 2           | BYA37E        | Summer school if fail competency test                                | BY Administrator Questionnaire | Rec #: 1, Pos: 890 |
| 2           | BYA37F        | Referred to alternative/continuing ed school if fail competency test | BY Administrator Questionnaire | Rec #: 1, Pos: 892 |
| 2           | BYA38A        | Control access to buildings during school hours                      | BY Administrator Questionnaire | Rec #: 1, Pos: 894 |
| 2           | BYA38B        | Control access to grounds during school hours                        | BY Administrator Questionnaire | Rec #: 1, Pos: 896 |
| 2           | BYA38C        | Require students pass through metal detector                         | BY Administrator Questionnaire | Rec #: 1, Pos: 898 |
| 2           | BYA38D        | Random metal detector checks on students                             | BY Administrator Questionnaire | Rec #: 1, Pos: 900 |
| 2           | BYA38E        | Close campus for students during lunch                               | BY Administrator Questionnaire | Rec #: 1, Pos: 902 |
| 2           | BYA38F        | Random dog sniffs to check for drugs                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 904 |
| 2           | BYA38G        | Random sweeps for contraband                                         | BY Administrator Questionnaire | Rec #: 1, Pos: 906 |
| 2           | BYA38H        | Require drug testing for any students                                | BY Administrator Questionnaire | Rec #: 1, Pos: 908 |
| 2           | BYA38I        | Require students to wear uniforms                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 910 |
| 2           | BYA38J        | Enforce strict dress code                                            | BY Administrator Questionnaire | Rec #: 1, Pos: 912 |
| 2           | BYA38K        | Require clear book bags/ban book bags                                | BY Administrator Questionnaire | Rec #: 1, Pos: 914 |
| 2           | BYA38L        | Require students to wear badges/picture ID                           | BY Administrator Questionnaire | Rec #: 1, Pos: 916 |
| 2           | BYA38M        | Require faculty/staff to wear badges/picture ID                      | BY Administrator Questionnaire | Rec #: 1, Pos: 918 |
| 2           | BYA38N        | Use security cameras to monitor school                               | BY Administrator Questionnaire | Rec #: 1, Pos: 920 |
| 2           | BYA38O        | Telephones in most classrooms                                        | BY Administrator Questionnaire | Rec #: 1, Pos: 922 |
| 2           | BYA38P        | Emergency call button in classrooms                                  | BY Administrator Questionnaire | Rec #: 1, Pos: 924 |
| 2           | BYA39A        | Process to get parent input on discipline policies                   | BY Administrator Questionnaire | Rec #: 1, Pos: 926 |
| 2           | BYA39B        | Training parents to deal with problem behavior                       | BY Administrator Questionnaire | Rec #: 1, Pos: 928 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                 | Section Description            | Position           |
|-------------|---------------|----------------------------------------------------------------|--------------------------------|--------------------|
| 2           | BYA39C        | Program involves parents in school discipline                  | BY Administrator Questionnaire | Rec #: 1, Pos: 930 |
| 2           | BYA40A        | Use paid security at any time during school hours              | BY Administrator Questionnaire | Rec #: 1, Pos: 932 |
| 2           | BYA40B        | Use paid security as students arrive or leave                  | BY Administrator Questionnaire | Rec #: 1, Pos: 934 |
| 2           | BYA40C        | Use paid security at school activities                         | BY Administrator Questionnaire | Rec #: 1, Pos: 936 |
| 2           | BYA40D        | Use paid security outside of school hours/activities           | BY Administrator Questionnaire | Rec #: 1, Pos: 938 |
| 2           | BYA40E        | Use paid security at other time                                | BY Administrator Questionnaire | Rec #: 1, Pos: 940 |
| 2           | BYA41A        | Teachers have access to cable TV                               | BY Administrator Questionnaire | Rec #: 1, Pos: 942 |
| 2           | BYA41B        | Teachers have access to closed-circuit TV                      | BY Administrator Questionnaire | Rec #: 1, Pos: 944 |
| 2           | BYA41C        | Teachers have access to videodisc player/VCR/DVD               | BY Administrator Questionnaire | Rec #: 1, Pos: 946 |
| 2           | BYA41D        | Teachers have access to video camera                           | BY Administrator Questionnaire | Rec #: 1, Pos: 948 |
| 2           | BYA41E        | Teachers have access to video production studio                | BY Administrator Questionnaire | Rec #: 1, Pos: 950 |
| 2           | BYA41F        | Teachers have access to satellite TV hook-up                   | BY Administrator Questionnaire | Rec #: 1, Pos: 952 |
| 2           | BYA41G        | Teachers have access to videoconferencing equipment            | BY Administrator Questionnaire | Rec #: 1, Pos: 954 |
| 2           | BYA41H        | Teachers have access to digital camera                         | BY Administrator Questionnaire | Rec #: 1, Pos: 956 |
| 2           | BYA41I        | Teachers have access to scanner                                | BY Administrator Questionnaire | Rec #: 1, Pos: 958 |
| 2           | BYA41J        | Teachers have access to LCD panel                              | BY Administrator Questionnaire | Rec #: 1, Pos: 960 |
| 2           | BYA41K        | Teachers have access to laptop computer                        | BY Administrator Questionnaire | Rec #: 1, Pos: 962 |
| 2           | BYA41L        | Teachers have access to Internet                               | BY Administrator Questionnaire | Rec #: 1, Pos: 964 |
| 2           | BYA41M        | Teachers have access to computer printer                       | BY Administrator Questionnaire | Rec #: 1, Pos: 966 |
| 2           | BYA42A        | Teachers use computers as instructional tools                  | BY Administrator Questionnaire | Rec #: 1, Pos: 968 |
| 2           | BYA42B        | Teachers use computers to plan lessons                         | BY Administrator Questionnaire | Rec #: 1, Pos: 970 |
| 2           | BYA42C        | Teachers use computers for professional development courses    | BY Administrator Questionnaire | Rec #: 1, Pos: 972 |
| 2           | BYA42D        | Teachers use computers to communicate with colleagues          | BY Administrator Questionnaire | Rec #: 1, Pos: 974 |
| 2           | BYA42E        | Teachers use computers to access best practices                | BY Administrator Questionnaire | Rec #: 1, Pos: 976 |
| 2           | BYA42F        | Teachers use computers to communicate with parents             | BY Administrator Questionnaire | Rec #: 1, Pos: 978 |
| 2           | BYA42G        | Teachers use computers to post homework                        | BY Administrator Questionnaire | Rec #: 1, Pos: 980 |
| 2           | BYA42H        | Teachers/staff use computers to communicate with each other    | BY Administrator Questionnaire | Rec #: 1, Pos: 982 |
| 2           | BYA42I        | Teachers use computers to teach job skills                     | BY Administrator Questionnaire | Rec #: 1, Pos: 984 |
| 2           | BYA42J        | Administrative staff use computers for administrative purposes | BY Administrator Questionnaire | Rec #: 1, Pos: 986 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description            | Position            |
|-------------|---------------|--------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | BYA42K        | Administrative staff use computers to communicate with colleagues  | BY Administrator Questionnaire | Rec #: 1, Pos: 988  |
| 2           | BYA42L        | Administrative staff use computers to communicate with parents     | BY Administrator Questionnaire | Rec #: 1, Pos: 990  |
| 2           | BYA42M        | School offers students distance learning courses                   | BY Administrator Questionnaire | Rec #: 1, Pos: 992  |
| 2           | BYA42N        | Teachers have access to Internet professional development programs | BY Administrator Questionnaire | Rec #: 1, Pos: 994  |
| 2           | BYA43A        | Teacher training on use of new software                            | BY Administrator Questionnaire | Rec #: 1, Pos: 996  |
| 2           | BYA43B        | Teacher training on use of Internet                                | BY Administrator Questionnaire | Rec #: 1, Pos: 998  |
| 2           | BYA43C        | Teacher training on using computers to teach skills                | BY Administrator Questionnaire | Rec #: 1, Pos: 1000 |
| 2           | BYA43D        | Teacher training on integrating computer into class                | BY Administrator Questionnaire | Rec #: 1, Pos: 1002 |
| 2           | BYA43E        | Teacher training on basic computer literacy                        | BY Administrator Questionnaire | Rec #: 1, Pos: 1004 |
| 2           | BYA44A        | Computers in administrative offices                                | BY Administrator Questionnaire | Rec #: 1, Pos: 1006 |
| 2           | BYA44B        | Computers in teacher work rooms                                    | BY Administrator Questionnaire | Rec #: 1, Pos: 1008 |
| 2           | BYA44C        | Computers in classrooms                                            | BY Administrator Questionnaire | Rec #: 1, Pos: 1010 |
| 2           | BYA44D        | Computers in the library media center                              | BY Administrator Questionnaire | Rec #: 1, Pos: 1012 |
| 2           | BYA44E        | Computers in separate computer lab                                 | BY Administrator Questionnaire | Rec #: 1, Pos: 1014 |
| 2           | BYA46A        | Principal's influence on hiring/firing teachers                    | BY Administrator Questionnaire | Rec #: 1, Pos: 1016 |
| 2           | BYA46B        | Principal's influence on grouping students                         | BY Administrator Questionnaire | Rec #: 1, Pos: 1018 |
| 2           | BYA46C        | Principal's influence on course offerings                          | BY Administrator Questionnaire | Rec #: 1, Pos: 1020 |
| 2           | BYA46D        | Principal's influence on instructional materials                   | BY Administrator Questionnaire | Rec #: 1, Pos: 1022 |
| 2           | BYA46E        | Principal's influence on curricular guidelines                     | BY Administrator Questionnaire | Rec #: 2, Pos: 1024 |
| 2           | BYA46F        | Principal's influence on grading and evaluation                    | BY Administrator Questionnaire | Rec #: 2, Pos: 1026 |
| 2           | BYA46G        | Principal's influence on discipline policies                       | BY Administrator Questionnaire | Rec #: 2, Pos: 1028 |
| 2           | BYA46H        | Principal's influence on school funds                              | BY Administrator Questionnaire | Rec #: 2, Pos: 1030 |
| 2           | BYA47A        | School's relationship with school board                            | BY Administrator Questionnaire | Rec #: 2, Pos: 1032 |
| 2           | BYA47B        | School's relationship with central office                          | BY Administrator Questionnaire | Rec #: 2, Pos: 1034 |
| 2           | BYA47C        | School's relationship with teachers' association                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1036 |
| 2           | BYA48A        | Principal evaluated on standardized test scores                    | BY Administrator Questionnaire | Rec #: 2, Pos: 1038 |
| 2           | BYA48B        | Principal evaluated on school environment                          | BY Administrator Questionnaire | Rec #: 2, Pos: 1040 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description            | Position            |
|-------------|---------------|---------------------------------------------------------------|--------------------------------|---------------------|
| 2           | BYA48C        | Principal evaluated on efficient administration               | BY Administrator Questionnaire | Rec #: 2, Pos: 1042 |
| 2           | BYA48D        | Principal evaluated on parent involvement                     | BY Administrator Questionnaire | Rec #: 2, Pos: 1044 |
| 2           | BYA48E        | Principal evaluated on relationship with community            | BY Administrator Questionnaire | Rec #: 2, Pos: 1046 |
| 2           | BYA48F        | Principal evaluated on new programs/reform                    | BY Administrator Questionnaire | Rec #: 2, Pos: 1048 |
| 2           | BYA49A        | How often tardiness a problem at school                       | BY Administrator Questionnaire | Rec #: 2, Pos: 1050 |
| 2           | BYA49B        | How often absenteeism a problem at school                     | BY Administrator Questionnaire | Rec #: 2, Pos: 1052 |
| 2           | BYA49C        | How often class cutting a problem at school                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1054 |
| 2           | BYA49D        | How often physical conflicts a problem at school              | BY Administrator Questionnaire | Rec #: 2, Pos: 1056 |
| 2           | BYA49E        | How often robbery/theft a problem at school                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1058 |
| 2           | BYA49F        | How often vandalism a problem at school                       | BY Administrator Questionnaire | Rec #: 2, Pos: 1060 |
| 2           | BYA49G        | How often use of alcohol a problem at school                  | BY Administrator Questionnaire | Rec #: 2, Pos: 1062 |
| 2           | BYA49H        | How often use of illegal drugs a problem at school            | BY Administrator Questionnaire | Rec #: 2, Pos: 1064 |
| 2           | BYA49I        | How often students on drugs/alcohol at school a problem       | BY Administrator Questionnaire | Rec #: 2, Pos: 1066 |
| 2           | BYA49J        | How often sale of drugs near school a problem                 | BY Administrator Questionnaire | Rec #: 2, Pos: 1068 |
| 2           | BYA49K        | How often possession of weapons a problem at school           | BY Administrator Questionnaire | Rec #: 2, Pos: 1070 |
| 2           | BYA49L        | How often physical abuse of teachers a problem at school      | BY Administrator Questionnaire | Rec #: 2, Pos: 1072 |
| 2           | BYA49M        | How often racial tension among students a problem at school   | BY Administrator Questionnaire | Rec #: 2, Pos: 1074 |
| 2           | BYA49N        | How often student bullying a problem at school                | BY Administrator Questionnaire | Rec #: 2, Pos: 1076 |
| 2           | BYA49O        | How often verbal abuse of teachers a problem at school        | BY Administrator Questionnaire | Rec #: 2, Pos: 1078 |
| 2           | BYA49P        | How often disorder in classrooms a problem at school          | BY Administrator Questionnaire | Rec #: 2, Pos: 1080 |
| 2           | BYA49Q        | How often student disrespect for teachers a problem at school | BY Administrator Questionnaire | Rec #: 2, Pos: 1082 |
| 2           | BYA49R        | How often gang activity a problem at school                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1084 |
| 2           | BYA49S        | How often cult/extremist group activities a problem at school | BY Administrator Questionnaire | Rec #: 2, Pos: 1086 |
| 2           | BYA50A        | Learning hindered by poor condition of buildings              | BY Administrator Questionnaire | Rec #: 2, Pos: 1088 |
| 2           | BYA50B        | Learning hindered by poor heating/air/light                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1090 |
| 2           | BYA50C        | Learning hindered by poor science labs                        | BY Administrator Questionnaire | Rec #: 2, Pos: 1092 |
| 2           | BYA50D        | Learning hindered by poor fine arts facilities                | BY Administrator Questionnaire | Rec #: 2, Pos: 1094 |
| 2           | BYA50E        | Learning hindered by lack of space                            | BY Administrator Questionnaire | Rec #: 2, Pos: 1096 |
| 2           | BYA50F        | Learning hindered by poor library                             | BY Administrator Questionnaire | Rec #: 2, Pos: 1098 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                     | Section Description            | Position            |
|-------------|---------------|--------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | BYA50G        | Learning hindered by lack of texts/supplies                        | BY Administrator Questionnaire | Rec #: 2, Pos: 1100 |
| 2           | BYA50H        | Learning hindered by too few computers                             | BY Administrator Questionnaire | Rec #: 2, Pos: 1102 |
| 2           | BYA50I        | Learning hindered by lack of multi-media                           | BY Administrator Questionnaire | Rec #: 2, Pos: 1104 |
| 2           | BYA50J        | Learning hindered by lack of discipline/safety                     | BY Administrator Questionnaire | Rec #: 2, Pos: 1106 |
| 2           | BYA50K        | Learning hindered by poor voc/tech equipment/facilities            | BY Administrator Questionnaire | Rec #: 2, Pos: 1108 |
| 2           | BYA51A        | Student morale is high                                             | BY Administrator Questionnaire | Rec #: 2, Pos: 1110 |
| 2           | BYA51B        | Teachers press students to achieve                                 | BY Administrator Questionnaire | Rec #: 2, Pos: 1112 |
| 2           | BYA51C        | Teacher morale is high                                             | BY Administrator Questionnaire | Rec #: 2, Pos: 1114 |
| 2           | BYA51D        | Learning is high priority for students                             | BY Administrator Questionnaire | Rec #: 2, Pos: 1116 |
| 2           | BYA51E        | Students expected to do homework                                   | BY Administrator Questionnaire | Rec #: 2, Pos: 1118 |
| 2           | BYA53         | Date completed interview                                           | BY Administrator Questionnaire | Rec #: 2, Pos: 1120 |
| 2           | F1A01         | Total student enrollment as of October 2003 (restricted)           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1126 |
| 2           | F1A02         | # of days in school year for 12th graders                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1130 |
| 2           | F1A03         | Type of academic calendar                                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1133 |
| 2           | F1A04AA       | Academic courses are block scheduled                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1135 |
| 2           | F1A04AB       | # of minutes in block for academic courses                         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1137 |
| 2           | F1A04BA       | Vocational/technical courses are block scheduled                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1140 |
| 2           | F1A04BB       | # of minutes in block for vocational/technical courses             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1142 |
| 2           | F1A04CA       | Other courses are block scheduled                                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1145 |
| 2           | F1A04CB       | # of minutes in block for other courses                            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1147 |
| 2           | F1A05A        | Students in area or district attend the school                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1150 |
| 2           | F1A05B        | Students in area or district attend the school/transfers allowed   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1152 |
| 2           | F1A05C        | Students assigned to school to achieve racial/ethnic composition   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1154 |
| 2           | F1A05D        | Students admitted to school based on test/audition/other criterion | F1 Administrator Questionnaire | Rec #: 2, Pos: 1156 |
| 2           | F1A05E        | Students admitted to school based on lottery/random selection      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1158 |
| 2           | F1A05F        | Students admitted on first-come first-serve basis                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1160 |
| 2           | F1A06A        | Influence of teachers on selecting 12th grader's courses           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1162 |
| 2           | F1A06B        | Influence of department head on selecting 12th grader's courses    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1164 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                        | Section Description            | Position            |
|-------------|---------------|-----------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A06C        | Influence of counselors on selecting 12th grader's courses            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1166 |
| 2           | F1A06D        | Influence of coaches on selecting 12th grader's courses               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1168 |
| 2           | F1A06E        | Influence of parents on selecting 12th grader's courses               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1170 |
| 2           | F1A06F        | Influence of student's preferences on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 2, Pos: 1172 |
| 2           | F1A06G        | Influence of student's grades on selecting 12th grader's courses      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1174 |
| 2           | F1A06H        | Influence of student's test scores on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 2, Pos: 1176 |
| 2           | F1A06I        | Influence of student attendance on selecting 12th grader's courses    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1178 |
| 2           | F1A06J        | Influence of special education on selecting 12th grader's courses     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1180 |
| 2           | F1A06K        | Influence of potential for dropout on selecting 12th grader's courses | F1 Administrator Questionnaire | Rec #: 2, Pos: 1182 |
| 2           | F1A07A        | Years of English coursework required to graduate                      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1184 |
| 2           | F1A07B        | Years of mathematics coursework required to graduate                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1186 |
| 2           | F1A07C        | Years of science coursework required to graduate                      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1188 |
| 2           | F1A07D        | Years of history/social studies coursework required to graduate       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1190 |
| 2           | F1A07E        | Years of computer coursework required to graduate                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1192 |
| 2           | F1A07F        | Years of foreign language coursework required to graduate             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1194 |
| 2           | F1A07G        | Years of fine arts coursework required to graduate                    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1196 |
| 2           | F1A07H        | Years of physical education/health coursework required to graduate    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1198 |
| 2           | F1A08A        | School confers regular/honors diplomas                                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1200 |
| 2           | F1A08B        | School confers International Baccalaureate diplomas                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1202 |
| 2           | F1A08C        | School confers diplomas with special education adjustments            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1204 |
| 2           | F1A08D        | School confers diplomas with vocational/technical skills certificate  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1206 |
| 2           | F1A08E        | School confers certificates of attendance                             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1208 |
| 2           | F1A08F        | School confers GED/other equivalency                                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1210 |
| 2           | F1A09         | Minimum GPA required to participate in school activities              | F1 Administrator Questionnaire | Rec #: 2, Pos: 1212 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description            | Position            |
|-------------|---------------|------------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A10         | Availability of a vocational/technical program                         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1214 |
| 2           | F1A11A        | Student request used to decide enrollment in vocational program        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1216 |
| 2           | F1A11B        | Parent request used to decide enrollment in vocational program         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1218 |
| 2           | F1A11C        | Counselor referral used to decide enrollment in vocational program     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1220 |
| 2           | F1A11D        | Teacher referral used to decide enrollment in vocational program       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1222 |
| 2           | F1A11E        | Academic performance used to decide enrollment in vocational program   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1224 |
| 2           | F1A11F        | Attendance record used to decide enrollment in vocational program      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1226 |
| 2           | F1A11G        | Special education need used to decide enrollment in vocational program | F1 Administrator Questionnaire | Rec #: 2, Pos: 1228 |
| 2           | F1A11H        | Potential for dropout used to decide enrollment in vocational program  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1230 |
| 2           | F1A11I        | Lottery/random choice used to decide enrollment in vocational program  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1232 |
| 2           | F1A12A        | # of occupational courses defines vocational/technical completers      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1234 |
| 2           | F1A12B        | Specific academic coursework defines vocational/technical completers   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1236 |
| 2           | F1A12C        | District/state assessment defines vocational/technical completers      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1238 |
| 2           | F1A12D        | Industry-recognized credential defines vocational/technical completers | F1 Administrator Questionnaire | Rec #: 2, Pos: 1240 |
| 2           | F1A13A        | Vocational interest/ability assessments are available                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1242 |
| 2           | F1A13B        | Job placement services are available                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1244 |
| 2           | F1A13C        | Career days/job fairs are available                                    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1246 |
| 2           | F1A13D        | Career/employment readiness workshops are available                    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1248 |
| 2           | F1A13E        | School-arranged interviews with employers are available                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1250 |
| 2           | F1A13F        | Selection of career major/pathways are available                       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1252 |
| 2           | F1A14         | Class of 2004 must pass a test for high school diploma                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1254 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description            | Position            |
|-------------|---------------|----------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A15A        | Math is on grade 12 competency test                                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1256 |
| 2           | F1A15B        | Science is on grade 12 competency test                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1258 |
| 2           | F1A15C        | Reading is on grade 12 competency test                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1260 |
| 2           | F1A15D        | Composition/writing is on grade 12 competency test                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1262 |
| 2           | F1A15E        | History/civics/social studies is on grade 12 competency test         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1264 |
| 2           | F1A15F        | Computer skills are on grade 12 competency test                      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1266 |
| 2           | F1A16         | % fail competency test on first attempt                              | F1 Administrator Questionnaire | Rec #: 2, Pos: 1268 |
| 2           | F1A17A        | Retake competency test if failed                                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1271 |
| 2           | F1A17B        | Take remedial class if fail competency test                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1273 |
| 2           | F1A17C        | Complete competency test preparation class if fail                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1275 |
| 2           | F1A17D        | Tutoring/individualized academic program if fail competency test     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1277 |
| 2           | F1A17E        | Summer school if fail competency test                                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1279 |
| 2           | F1A17F        | Referred to alternative/continuing ed school if fail competency test | F1 Administrator Questionnaire | Rec #: 2, Pos: 1281 |
| 2           | F1A18A        | % 12th graders in general high school program                        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1283 |
| 2           | F1A18B        | % 12th graders in college prep/specialized academic program          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1286 |
| 2           | F1A18C        | % 12th graders in voc/tech/business program                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1289 |
| 2           | F1A19A        | % of 2003 graduates went to 4-year colleges                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1292 |
| 2           | F1A19B        | % of 2003 graduates went to 2-year colleges/vocational school        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1294 |
| 2           | F1A19C        | % of 2003 graduates entered labor market or military                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1296 |
| 2           | F1A19D        | % of 2003 graduates did something else                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1298 |
| 2           | F1A20A        | % of 12th graders attend college application programs                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1300 |
| 2           | F1A20B        | % of 12th graders attend programs on financial aid                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1302 |
| 2           | F1A20C        | % of 12th graders attend school SAT/ACT courses                      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1304 |
| 2           | F1A20D        | % of 12th graders attend college fairs                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1306 |
| 2           | F1A20E        | % of 12th graders attend meetings with college representative        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1308 |
| 2           | F1A20F        | % of 12th graders participate in Talent Search                       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1310 |
| 2           | F1A20G        | % of 12th graders participate in Upward Bound                        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1312 |
| 2           | F1A20H        | % of 12th graders in other program for minority/disadvantaged        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1314 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description            | Position            |
|-------------|---------------|---------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A21A        | Vocational counseling/services/programs offered                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1316 |
| 2           | F1A21B        | Home visits by teachers offered                                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1318 |
| 2           | F1A21C        | Peer tutoring offered                                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1320 |
| 2           | F1A21D        | School-sponsored community service offered                          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1322 |
| 2           | F1A21E        | Individual/family psychological counseling offered                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1324 |
| 2           | F1A21F        | Programs for pregnant girls/teenage mothers offered                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1326 |
| 2           | F1A22A        | % of student body receives free/reduced-price lunch (restricted)    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1328 |
| 2           | F1A22B        | % of student body is LEP or non-English proficient                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1331 |
| 2           | F1A22C        | % of student body receives special education services               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1334 |
| 2           | F1A22D        | % of student body in alternative program                            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1337 |
| 2           | F1A22E        | % of student body in dropout prevention program                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1340 |
| 2           | F1A22F        | % of student body in Advanced Placement courses                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1343 |
| 2           | F1A22G        | % of student body in International Baccalaureate program            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1346 |
| 2           | F1A23         | School has dropout prevention program                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1349 |
| 2           | F1A24A        | Dropout prevention is recommended on basis of absentee record       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1351 |
| 2           | F1A24B        | Dropout prevention is recommended on basis of academic performance  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1353 |
| 2           | F1A24C        | Dropout prevention is recommended on basis of teacher referral      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1355 |
| 2           | F1A24D        | Dropout prevention is recommended on basis of counselor referral    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1357 |
| 2           | F1A24E        | Dropout prevention is recommended on basis of parental request      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1359 |
| 2           | F1A24F        | Dropout prevention is recommended on basis of student request       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1361 |
| 2           | F1A24G        | Dropout prevention is recommended on basis of disciplinary problems | F1 Administrator Questionnaire | Rec #: 2, Pos: 1363 |
| 2           | F1A25A        | Dropout prevention offers special instructional programs            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1365 |
| 2           | F1A25B        | Dropout prevention offers focus on vocational/technical education   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1367 |
| 2           | F1A25C        | Dropout prevention offers individual/group counseling               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1369 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description            | Position            |
|-------------|---------------|------------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A25D        | Dropout prevention offers health care                                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1371 |
| 2           | F1A25E        | Dropout prevention offers incentives for better attendance/performance | F1 Administrator Questionnaire | Rec #: 2, Pos: 1373 |
| 2           | F1A25F        | Dropout prevention offers close monitoring of attendance/performance   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1375 |
| 2           | F1A25G        | Dropout prevention offers childcare/nurseries for student's children   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1377 |
| 2           | F1A25H        | Dropout prevention offers cultural interaction                         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1379 |
| 2           | F1A25I        | Dropout prevention offers anger management                             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1381 |
| 2           | F1A26         | # of full-time teachers (restricted)                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1383 |
| 2           | F1A27         | # of part-time teachers                                                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1386 |
| 2           | F1A28         | # of full-time teachers left at end of 2002-2003 school year           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1389 |
| 2           | F1A29AR       | # of full-time teachers have less than Bachelor's (restricted)         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1392 |
| 2           | F1A29AP       | # of full-time teachers have less than Bachelor's degree (public)      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1395 |
| 2           | F1A29BR       | # of full-time teachers with highest degree of Bachelor's(restricted)  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1397 |
| 2           | F1A29BP       | # of full-time teachers with highest degree of Bachelor's (Public)     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1400 |
| 2           | F1A29CR       | # of full-time teachers whose highest degree is Master's (restricted)  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1402 |
| 2           | F1A29CP       | # of full-time teachers whose highest degree is Master's               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1405 |
| 2           | F1A29DR       | # of full-time teachers with highest degree of EdD or PhD (restricted) | F1 Administrator Questionnaire | Rec #: 2, Pos: 1407 |
| 2           | F1A29DP       | # of full-time teachers with highest degree of EdD or PhD              | F1 Administrator Questionnaire | Rec #: 2, Pos: 1410 |
| 2           | F1A29ER       | # of full-time teachers whose highest degree is unknown (restricted)   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1412 |
| 2           | F1A29EP       | # of full-time teachers whose highest degree is unknown                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1415 |
| 2           | F1A30         | # of full-time library media resource center staff members             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1417 |
| 2           | F1A31         | # of part-time library media resource center staff members             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1420 |
| 2           | F1A32A        | % of full-time teachers are Hispanic                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1422 |
| 2           | F1A32B        | % of full-time teachers for whom Hispanic ethnicity is unknown         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1425 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                       | Section Description            | Position            |
|-------------|---------------|----------------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A33A        | % of full-time teachers are White                                    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1428 |
| 2           | F1A33B        | % of full-time teachers are Black/African American                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1431 |
| 2           | F1A33C        | % of full-time teachers are Asian                                    | F1 Administrator Questionnaire | Rec #: 2, Pos: 1434 |
| 2           | F1A33D        | % of full-time teachers are Native Hawaiian/Pacific Islander         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1437 |
| 2           | F1A33E        | % of full-time teachers are American Indian/Alaskan Native           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1440 |
| 2           | F1A33F        | % of full-time teachers for whom race is unknown                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1443 |
| 2           | F1A34A        | % of full-time teachers have state/advanced professional certificate | F1 Administrator Questionnaire | Rec #: 2, Pos: 1446 |
| 2           | F1A34B        | % of full-time teachers have probationary certificate                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1449 |
| 2           | F1A34C        | % of full-time teachers have provisional certificate                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1452 |
| 2           | F1A34D        | % of full-time teachers have temporary/emergency certificate         | F1 Administrator Questionnaire | Rec #: 2, Pos: 1455 |
| 2           | F1A35         | % of full-time library staff is state-certified                      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1458 |
| 2           | F1A37A        | % of poor teachers                                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1461 |
| 2           | F1A37B        | % of fair teachers                                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1464 |
| 2           | F1A37C        | % of good teachers                                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1467 |
| 2           | F1A37D        | % of excellent teachers                                              | F1 Administrator Questionnaire | Rec #: 2, Pos: 1470 |
| 2           | F1A38A        | Student morale is high                                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1473 |
| 2           | F1A38B        | Teachers press students to achieve                                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1475 |
| 2           | F1A38C        | Teacher morale is high                                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1477 |
| 2           | F1A38D        | Learning is high priority for students                               | F1 Administrator Questionnaire | Rec #: 2, Pos: 1479 |
| 2           | F1A38E        | Students expected to do homework                                     | F1 Administrator Questionnaire | Rec #: 2, Pos: 1481 |
| 2           | F1A38F        | Discipline is emphasized                                             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1483 |
| 2           | F1A38G        | Classroom activities are highly structured                           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1485 |
| 2           | F1A38H        | Many teachers are negative about students                            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1487 |
| 2           | F1A38I        | Many teachers find it difficult to motivate students                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1489 |
| 2           | F1A38J        | School emphasizes sports                                             | F1 Administrator Questionnaire | Rec #: 2, Pos: 1491 |
| 2           | F1A38K        | Students are encouraged to compete for grades                        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1493 |
| 2           | F1A38L        | Counselors/teachers encourage students to enroll in academic classes | F1 Administrator Questionnaire | Rec #: 2, Pos: 1495 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description            | Position            |
|-------------|---------------|---------------------------------------------------------------|--------------------------------|---------------------|
| 2           | F1A38M        | There is often conflict between teachers and administrators   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1497 |
| 2           | F1A38N        | Teachers usually respond to students' individual needs        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1499 |
| 2           | F1A39A        | % of students typically tardy                                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1501 |
| 2           | F1A39B        | % of students typically absent without excuse                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1504 |
| 2           | F1A39C        | % of students typically cut or skip classes                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1507 |
| 2           | F1A40A        | How often physical conflicts a problem at school              | F1 Administrator Questionnaire | Rec #: 2, Pos: 1510 |
| 2           | F1A40B        | How often robbery/theft a problem at school                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1512 |
| 2           | F1A40C        | How often vandalism a problem at school                       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1514 |
| 2           | F1A40D        | How often use of alcohol a problem at school                  | F1 Administrator Questionnaire | Rec #: 2, Pos: 1516 |
| 2           | F1A40E        | How often use of illegal drugs a problem at school            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1518 |
| 2           | F1A40F        | How often students on drugs/alcohol at school a problem       | F1 Administrator Questionnaire | Rec #: 2, Pos: 1520 |
| 2           | F1A40G        | How often sale of drugs near school a problem                 | F1 Administrator Questionnaire | Rec #: 2, Pos: 1522 |
| 2           | F1A40H        | How often possession of weapons a problem at school           | F1 Administrator Questionnaire | Rec #: 2, Pos: 1524 |
| 2           | F1A40I        | How often physical abuse of teachers a problem at school      | F1 Administrator Questionnaire | Rec #: 2, Pos: 1526 |
| 2           | F1A40J        | How often racial tension among students a problem at school   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1528 |
| 2           | F1A40K        | How often student bullying a problem at school                | F1 Administrator Questionnaire | Rec #: 2, Pos: 1530 |
| 2           | F1A40L        | How often verbal abuse of teachers a problem at school        | F1 Administrator Questionnaire | Rec #: 2, Pos: 1532 |
| 2           | F1A40M        | How often disorder in classrooms a problem at school          | F1 Administrator Questionnaire | Rec #: 2, Pos: 1534 |
| 2           | F1A40N        | How often student disrespect for teachers a problem at school | F1 Administrator Questionnaire | Rec #: 2, Pos: 1536 |
| 2           | F1A40O        | How often gang activity a problem at school                   | F1 Administrator Questionnaire | Rec #: 2, Pos: 1538 |
| 2           | F1A40P        | How often cult/extremist group activities a problem at school | F1 Administrator Questionnaire | Rec #: 2, Pos: 1540 |
| 2           | F1A42         | Month and year completed interview                            | F1 Administrator Questionnaire | Rec #: 2, Pos: 1542 |
| 2           | BYL01         | How library is organized                                      | BY Library Questionnaire       | Rec #: 2, Pos: 1548 |
| 2           | BYL02         | Library's total seating capacity                              | BY Library Questionnaire       | Rec #: 2, Pos: 1550 |
| 2           | BYL03A        | Library has individual activity areas                         | BY Library Questionnaire       | Rec #: 2, Pos: 1553 |
| 2           | BYL03B        | Library has small group activity areas                        | BY Library Questionnaire       | Rec #: 2, Pos: 1555 |
| 2           | BYL03C        | Library has large group activity areas                        | BY Library Questionnaire       | Rec #: 2, Pos: 1557 |
| 2           | BYL03D        | Library has staff work area                                   | BY Library Questionnaire       | Rec #: 2, Pos: 1559 |
| 2           | BYL03E        | Library has conference rooms                                  | BY Library Questionnaire       | Rec #: 2, Pos: 1561 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------------|--------------------------|---------------------|
| 2           | BYL03F        | Library has computer access area/lab                          | BY Library Questionnaire | Rec #: 2, Pos: 1563 |
| 2           | BYL04         | Library can accommodate full class                            | BY Library Questionnaire | Rec #: 2, Pos: 1565 |
| 2           | BYL05         | Library serves full class/other activity at once              | BY Library Questionnaire | Rec #: 2, Pos: 1567 |
| 2           | BYL06AA       | Staff includes state-certified librarians                     | BY Library Questionnaire | Rec #: 2, Pos: 1569 |
| 2           | BYL06AB       | # full-time state-certified librarians                        | BY Library Questionnaire | Rec #: 2, Pos: 1571 |
| 2           | BYL06AC       | # part-time state-certified librarians                        | BY Library Questionnaire | Rec #: 2, Pos: 1573 |
| 2           | BYL06BA       | Library media center staff includes state-certified teachers  | BY Library Questionnaire | Rec #: 2, Pos: 1575 |
| 2           | BYL06BB       | # full-time state-certified teachers in library media center  | BY Library Questionnaire | Rec #: 2, Pos: 1577 |
| 2           | BYL06BC       | # part-time state-certified teachers in library media center  | BY Library Questionnaire | Rec #: 2, Pos: 1579 |
| 2           | BYL06CA       | Library media center staff includes uncertified professionals | BY Library Questionnaire | Rec #: 2, Pos: 1581 |
| 2           | BYL06CB       | # full-time uncertified professionals in library media center | BY Library Questionnaire | Rec #: 2, Pos: 1583 |
| 2           | BYL06CC       | # part-time uncertified professionals in library media center | BY Library Questionnaire | Rec #: 2, Pos: 1585 |
| 2           | BYL06DA       | Staff includes paid library aides                             | BY Library Questionnaire | Rec #: 2, Pos: 1587 |
| 2           | BYL06DB       | # full-time paid library aides                                | BY Library Questionnaire | Rec #: 2, Pos: 1589 |
| 2           | BYL06DC       | # part-time paid library aides                                | BY Library Questionnaire | Rec #: 2, Pos: 1591 |
| 2           | BYL07         | Volunteers provide library services                           | BY Library Questionnaire | Rec #: 2, Pos: 1593 |
| 2           | BYL08A        | # of adult library volunteers                                 | BY Library Questionnaire | Rec #: 2, Pos: 1595 |
| 2           | BYL08B        | # of student library volunteers                               | BY Library Questionnaire | Rec #: 2, Pos: 1597 |
| 2           | BYL09         | District has library media coordinator                        | BY Library Questionnaire | Rec #: 2, Pos: 1599 |
| 2           | BYL10         | District library media coordinator is full-time               | BY Library Questionnaire | Rec #: 2, Pos: 1601 |
| 2           | BYL11AA       | Library has telephone                                         | BY Library Questionnaire | Rec #: 2, Pos: 1603 |
| 2           | BYL11AB       | Years library has had telephone                               | BY Library Questionnaire | Rec #: 2, Pos: 1605 |
| 2           | BYL11AC       | Students may use telephone                                    | BY Library Questionnaire | Rec #: 2, Pos: 1607 |
| 2           | BYL11AD       | Faculty/staff may use telephone                               | BY Library Questionnaire | Rec #: 2, Pos: 1609 |
| 2           | BYL11AE       | Library staff may use telephone                               | BY Library Questionnaire | Rec #: 2, Pos: 1611 |
| 2           | BYL11BA       | Library has fax machine                                       | BY Library Questionnaire | Rec #: 2, Pos: 1613 |
| 2           | BYL11BB       | Years library has had fax machine                             | BY Library Questionnaire | Rec #: 2, Pos: 1615 |
| 2           | BYL11BC       | Students may use fax machine                                  | BY Library Questionnaire | Rec #: 2, Pos: 1617 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description      | Position            |
|-------------|---------------|----------------------------------------------|--------------------------|---------------------|
| 2           | BYL11BD       | Faculty/staff may use fax machine            | BY Library Questionnaire | Rec #: 2, Pos: 1619 |
| 2           | BYL11BE       | Library staff may use fax machine            | BY Library Questionnaire | Rec #: 2, Pos: 1621 |
| 2           | BYL11CA       | Library has photocopier                      | BY Library Questionnaire | Rec #: 2, Pos: 1623 |
| 2           | BYL11CB       | Years library has had photocopier            | BY Library Questionnaire | Rec #: 2, Pos: 1625 |
| 2           | BYL11CC       | Students may use photocopier                 | BY Library Questionnaire | Rec #: 2, Pos: 1627 |
| 2           | BYL11CD       | Faculty/staff may use photocopier            | BY Library Questionnaire | Rec #: 2, Pos: 1629 |
| 2           | BYL11CE       | Library staff may use photocopier            | BY Library Questionnaire | Rec #: 2, Pos: 1631 |
| 2           | BYL11DA       | Library has VCR                              | BY Library Questionnaire | Rec #: 2, Pos: 1633 |
| 2           | BYL11DB       | Years library has had VCR                    | BY Library Questionnaire | Rec #: 2, Pos: 1635 |
| 2           | BYL11DC       | Students may use VCR                         | BY Library Questionnaire | Rec #: 2, Pos: 1637 |
| 2           | BYL11DD       | Faculty/staff may use VCR                    | BY Library Questionnaire | Rec #: 2, Pos: 1639 |
| 2           | BYL11DE       | Library staff may use VCR                    | BY Library Questionnaire | Rec #: 2, Pos: 1641 |
| 2           | BYL11EA       | Library has laser disc player                | BY Library Questionnaire | Rec #: 2, Pos: 1643 |
| 2           | BYL11EB       | Years library has had laser disc player      | BY Library Questionnaire | Rec #: 2, Pos: 1645 |
| 2           | BYL11EC       | Students may use laser disc player           | BY Library Questionnaire | Rec #: 2, Pos: 1647 |
| 2           | BYL11ED       | Faculty/staff may use laser disc player      | BY Library Questionnaire | Rec #: 2, Pos: 1649 |
| 2           | BYL11EE       | Library staff may use laser disc player      | BY Library Questionnaire | Rec #: 2, Pos: 1651 |
| 2           | BYL11FA       | Library has DVD player                       | BY Library Questionnaire | Rec #: 2, Pos: 1653 |
| 2           | BYL11FB       | Years library has had DVD player             | BY Library Questionnaire | Rec #: 2, Pos: 1655 |
| 2           | BYL11FC       | Students may use DVD player                  | BY Library Questionnaire | Rec #: 2, Pos: 1657 |
| 2           | BYL11FD       | Faculty/staff may use DVD player             | BY Library Questionnaire | Rec #: 2, Pos: 1659 |
| 2           | BYL11FE       | Library staff may use DVD player             | BY Library Questionnaire | Rec #: 2, Pos: 1661 |
| 2           | BYL11GA       | Library has electronic book reader           | BY Library Questionnaire | Rec #: 2, Pos: 1663 |
| 2           | BYL11GB       | Years library has had electronic book reader | BY Library Questionnaire | Rec #: 2, Pos: 1665 |
| 2           | BYL11GC       | Students may use electronic book reader      | BY Library Questionnaire | Rec #: 2, Pos: 1667 |
| 2           | BYL11GD       | Faculty/staff may use electronic book reader | BY Library Questionnaire | Rec #: 2, Pos: 1669 |
| 2           | BYL11GE       | Library staff may use electronic book reader | BY Library Questionnaire | Rec #: 2, Pos: 1671 |
| 2           | BYL11HA       | Library has CD-ROM reader                    | BY Library Questionnaire | Rec #: 2, Pos: 1673 |
| 2           | BYL11HB       | Years library has had CD-ROM reader          | BY Library Questionnaire | Rec #: 2, Pos: 1675 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                          | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------------|--------------------------|---------------------|
| 2           | BYL11HC       | Students may use CD-ROM reader                          | BY Library Questionnaire | Rec #: 2, Pos: 1677 |
| 2           | BYL11HD       | Faculty/staff may use CD-ROM reader                     | BY Library Questionnaire | Rec #: 2, Pos: 1679 |
| 2           | BYL11HE       | Library staff may use CD-ROM reader                     | BY Library Questionnaire | Rec #: 2, Pos: 1681 |
| 2           | BYL11IA       | Library has personal computer                           | BY Library Questionnaire | Rec #: 2, Pos: 1683 |
| 2           | BYL11IB       | Years library has had personal computer                 | BY Library Questionnaire | Rec #: 2, Pos: 1685 |
| 2           | BYL11IC       | Students may use personal computer                      | BY Library Questionnaire | Rec #: 2, Pos: 1687 |
| 2           | BYL11ID       | Faculty/staff may use personal computer                 | BY Library Questionnaire | Rec #: 2, Pos: 1689 |
| 2           | BYL11IE       | Library staff may use personal computer                 | BY Library Questionnaire | Rec #: 2, Pos: 1691 |
| 2           | BYL11JA       | Library has automated book circulation system           | BY Library Questionnaire | Rec #: 2, Pos: 1693 |
| 2           | BYL11JB       | Years library has had automated book circulation system | BY Library Questionnaire | Rec #: 2, Pos: 1695 |
| 2           | BYL11JC       | Students may use automated book circulation system      | BY Library Questionnaire | Rec #: 2, Pos: 1697 |
| 2           | BYL11JD       | Faculty/staff may use automated book circulation system | BY Library Questionnaire | Rec #: 2, Pos: 1699 |
| 2           | BYL11JE       | Library staff may use automated book circulation system | BY Library Questionnaire | Rec #: 2, Pos: 1701 |
| 2           | BYL11KA       | Library has Internet access                             | BY Library Questionnaire | Rec #: 2, Pos: 1703 |
| 2           | BYL11KB       | Years library has had Internet access                   | BY Library Questionnaire | Rec #: 2, Pos: 1705 |
| 2           | BYL11KC       | Students may use Internet access                        | BY Library Questionnaire | Rec #: 2, Pos: 1707 |
| 2           | BYL11KD       | Faculty/staff may use Internet access                   | BY Library Questionnaire | Rec #: 2, Pos: 1709 |
| 2           | BYL11KE       | Library staff may use Internet access                   | BY Library Questionnaire | Rec #: 2, Pos: 1711 |
| 2           | BYL11LA       | Library has cable TV                                    | BY Library Questionnaire | Rec #: 2, Pos: 1713 |
| 2           | BYL11LB       | Years library has had cable TV                          | BY Library Questionnaire | Rec #: 2, Pos: 1715 |
| 2           | BYL11LC       | Students may use cable TV                               | BY Library Questionnaire | Rec #: 2, Pos: 1717 |
| 2           | BYL11LD       | Faculty/staff may use cable TV                          | BY Library Questionnaire | Rec #: 2, Pos: 1719 |
| 2           | BYL11LE       | Library staff may use cable TV                          | BY Library Questionnaire | Rec #: 2, Pos: 1721 |
| 2           | BYL11MA       | Library has closed-circuit TV                           | BY Library Questionnaire | Rec #: 2, Pos: 1723 |
| 2           | BYL11MB       | Years library has had closed-circuit TV                 | BY Library Questionnaire | Rec #: 2, Pos: 1725 |
| 2           | BYL11MC       | Students may use closed-circuit TV                      | BY Library Questionnaire | Rec #: 2, Pos: 1727 |
| 2           | BYL11MD       | Faculty/staff may use closed-circuit TV                 | BY Library Questionnaire | Rec #: 2, Pos: 1729 |
| 2           | BYL11ME       | Library staff may use closed-circuit TV                 | BY Library Questionnaire | Rec #: 2, Pos: 1731 |
| 2           | BYL11NA       | Library has video camera                                | BY Library Questionnaire | Rec #: 2, Pos: 1733 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                    | Section Description      | Position            |
|-------------|---------------|---------------------------------------------------|--------------------------|---------------------|
| 2           | BYL11NB       | Years library has had video camera                | BY Library Questionnaire | Rec #: 2, Pos: 1735 |
| 2           | BYL11NC       | Students may use video camera                     | BY Library Questionnaire | Rec #: 2, Pos: 1737 |
| 2           | BYL11ND       | Faculty/staff may use video camera                | BY Library Questionnaire | Rec #: 2, Pos: 1739 |
| 2           | BYL11NE       | Library staff may use video camera                | BY Library Questionnaire | Rec #: 2, Pos: 1741 |
| 2           | BYL11OA       | Library has satellite TV hook-up                  | BY Library Questionnaire | Rec #: 2, Pos: 1743 |
| 2           | BYL11OB       | Years library has had satellite TV hookup         | BY Library Questionnaire | Rec #: 2, Pos: 1745 |
| 2           | BYL11OC       | Students may use satellite TV hookup              | BY Library Questionnaire | Rec #: 2, Pos: 1747 |
| 2           | BYL11OD       | Faculty/staff may use satellite TV hookup         | BY Library Questionnaire | Rec #: 2, Pos: 1749 |
| 2           | BYL11OE       | Library staff may use satellite TV hookup         | BY Library Questionnaire | Rec #: 2, Pos: 1751 |
| 2           | BYL11PA       | Library has audio equipment                       | BY Library Questionnaire | Rec #: 2, Pos: 1753 |
| 2           | BYL11PB       | Years library has had audio equipment             | BY Library Questionnaire | Rec #: 2, Pos: 1755 |
| 2           | BYL11PC       | Students may use audio equipment                  | BY Library Questionnaire | Rec #: 2, Pos: 1757 |
| 2           | BYL11PD       | Faculty/staff may use audio equipment             | BY Library Questionnaire | Rec #: 2, Pos: 1759 |
| 2           | BYL11PE       | Library staff may use audio equipment             | BY Library Questionnaire | Rec #: 2, Pos: 1761 |
| 2           | BYL11QA       | Library has videoconference equipment             | BY Library Questionnaire | Rec #: 2, Pos: 1763 |
| 2           | BYL11QB       | Years library had videoconference equipment       | BY Library Questionnaire | Rec #: 2, Pos: 1765 |
| 2           | BYL11QC       | Students may use videoconference equipment        | BY Library Questionnaire | Rec #: 2, Pos: 1767 |
| 2           | BYL11QD       | Faculty/staff may use videoconference equipment   | BY Library Questionnaire | Rec #: 2, Pos: 1769 |
| 2           | BYL11QE       | Library staff may use videoconference equipment   | BY Library Questionnaire | Rec #: 2, Pos: 1771 |
| 2           | BYL11RA       | Library has scanner                               | BY Library Questionnaire | Rec #: 2, Pos: 1773 |
| 2           | BYL11RB       | Years library had scanner                         | BY Library Questionnaire | Rec #: 2, Pos: 1775 |
| 2           | BYL11RC       | Students may use scanner                          | BY Library Questionnaire | Rec #: 2, Pos: 1777 |
| 2           | BYL11RD       | Faculty/staff may use scanner                     | BY Library Questionnaire | Rec #: 2, Pos: 1779 |
| 2           | BYL11RE       | Library staff may use scanner                     | BY Library Questionnaire | Rec #: 2, Pos: 1781 |
| 2           | BYL11SA       | Library has LCD panel/projection device           | BY Library Questionnaire | Rec #: 2, Pos: 1783 |
| 2           | BYL11SB       | Years library had LCD panel/projection device     | BY Library Questionnaire | Rec #: 2, Pos: 1785 |
| 2           | BYL11SC       | Students may use LCD panel/projection device      | BY Library Questionnaire | Rec #: 2, Pos: 1787 |
| 2           | BYL11SD       | Faculty/staff may use LCD panel/projection device | BY Library Questionnaire | Rec #: 2, Pos: 1789 |
| 2           | BYL11SE       | Library staff may use LCD panel/projection device | BY Library Questionnaire | Rec #: 2, Pos: 1791 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                           | Section Description      | Position            |
|-------------|---------------|----------------------------------------------------------|--------------------------|---------------------|
| 2           | BYL11TA       | Library has technology for disabled                      | BY Library Questionnaire | Rec #: 2, Pos: 1793 |
| 2           | BYL11TB       | Years library has had technology for disabled            | BY Library Questionnaire | Rec #: 2, Pos: 1795 |
| 2           | BYL11TC       | Students may use technology for disabled                 | BY Library Questionnaire | Rec #: 2, Pos: 1797 |
| 2           | BYL11TD       | Faculty/staff may use technology for disabled            | BY Library Questionnaire | Rec #: 2, Pos: 1799 |
| 2           | BYL11TE       | Library staff may use technology for disabled            | BY Library Questionnaire | Rec #: 2, Pos: 1801 |
| 2           | BYL12A        | Online catalog available                                 | BY Library Questionnaire | Rec #: 2, Pos: 1803 |
| 2           | BYL12B        | Other libraries' online catalogs available               | BY Library Questionnaire | Rec #: 2, Pos: 1805 |
| 2           | BYL12C        | Internet access available                                | BY Library Questionnaire | Rec #: 2, Pos: 1807 |
| 2           | BYL12D        | E-mail/chat room access available                        | BY Library Questionnaire | Rec #: 2, Pos: 1809 |
| 2           | BYL12E        | Reference/bibliography databases available               | BY Library Questionnaire | Rec #: 2, Pos: 1811 |
| 2           | BYL12F        | General articles/news databases available                | BY Library Questionnaire | Rec #: 2, Pos: 1813 |
| 2           | BYL12G        | College/career databases available                       | BY Library Questionnaire | Rec #: 2, Pos: 1815 |
| 2           | BYL12H        | Academic subject databases available                     | BY Library Questionnaire | Rec #: 2, Pos: 1817 |
| 2           | BYL12I        | Electronic books/journals/references/magazines available | BY Library Questionnaire | Rec #: 2, Pos: 1819 |
| 2           | BYL12J        | Educational software available                           | BY Library Questionnaire | Rec #: 2, Pos: 1821 |
| 2           | BYL13         | Library has multimedia production facility               | BY Library Questionnaire | Rec #: 2, Pos: 1823 |
| 2           | BYL14A        | Has interlibrary loan program with area high schools     | BY Library Questionnaire | Rec #: 2, Pos: 1825 |
| 2           | BYL14B        | Has interlibrary loan program with high schools in state | BY Library Questionnaire | Rec #: 2, Pos: 1827 |
| 2           | BYL14C        | Has interlibrary loan program with public libraries      | BY Library Questionnaire | Rec #: 2, Pos: 1829 |
| 2           | BYL14D        | Has interlibrary loan program with the state library     | BY Library Questionnaire | Rec #: 2, Pos: 1831 |
| 2           | BYL14E        | Has interlibrary loan program with colleges/universities | BY Library Questionnaire | Rec #: 2, Pos: 1833 |
| 2           | BYL14F        | Has other interlibrary loan program                      | BY Library Questionnaire | Rec #: 2, Pos: 1835 |
| 2           | BYL15         | School participates in distance learning                 | BY Library Questionnaire | Rec #: 2, Pos: 1837 |
| 2           | BYL16A        | 2001 holdings-books                                      | BY Library Questionnaire | Rec #: 2, Pos: 1839 |
| 2           | BYL16B        | 2001 holdings-video                                      | BY Library Questionnaire | Rec #: 2, Pos: 1841 |
| 2           | BYL16C        | 2001 holdings-periodical subscriptions                   | BY Library Questionnaire | Rec #: 2, Pos: 1843 |
| 2           | BYL16D        | 2001 holdings-electronic database subscription           | BY Library Questionnaire | Rec #: 2, Pos: 1845 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description      | Position            |
|-------------|---------------|-------------------------------------------------------------------|--------------------------|---------------------|
| 2           | BYL17         | Library has professional collection for teachers                  | BY Library Questionnaire | Rec #: 2, Pos: 1847 |
| 2           | BYL18         | # of professional collection volumes bought 2000-2001 school year | BY Library Questionnaire | Rec #: 2, Pos: 1849 |
| 2           | BYL19         | Total spent on computer hardware 2000-2001 school year            | BY Library Questionnaire | Rec #: 2, Pos: 1851 |
| 2           | BYL20         | When students may use library on own                              | BY Library Questionnaire | Rec #: 2, Pos: 1853 |
| 2           | BYL21A        | Students may use library on own before/after school               | BY Library Questionnaire | Rec #: 2, Pos: 1855 |
| 2           | BYL21B        | Students may use library on own during lunch break                | BY Library Questionnaire | Rec #: 2, Pos: 1857 |
| 2           | BYL21C        | Students may use library on own during set times                  | BY Library Questionnaire | Rec #: 2, Pos: 1859 |
| 2           | BYL21D        | Students may use library on own between class/recess              | BY Library Questionnaire | Rec #: 2, Pos: 1861 |
| 2           | BYL21E        | Students may use library on own at other time                     | BY Library Questionnaire | Rec #: 2, Pos: 1863 |
| 2           | BYL22A        | How often library used for classes at same time                   | BY Library Questionnaire | Rec #: 2, Pos: 1865 |
| 2           | BYL22B        | How often library used for one class only                         | BY Library Questionnaire | Rec #: 2, Pos: 1867 |
| 2           | BYL22C        | How often library used for small groups                           | BY Library Questionnaire | Rec #: 2, Pos: 1869 |
| 2           | BYL23         | How often library used for non-library activities                 | BY Library Questionnaire | Rec #: 2, Pos: 1871 |
| 2           | BYL24         | How many students use library per week                            | BY Library Questionnaire | Rec #: 2, Pos: 1873 |
| 2           | BYL25         | Total circulation per week                                        | BY Library Questionnaire | Rec #: 2, Pos: 1875 |
| 2           | BYL26         | Maximum # of books students may take out                          | BY Library Questionnaire | Rec #: 2, Pos: 1879 |
| 2           | BYL27A        | Students may take out reference material                          | BY Library Questionnaire | Rec #: 2, Pos: 1881 |
| 2           | BYL27B        | Students may take out periodicals                                 | BY Library Questionnaire | Rec #: 2, Pos: 1883 |
| 2           | BYL27C        | Students may take out AV materials                                | BY Library Questionnaire | Rec #: 2, Pos: 1885 |
| 2           | BYL27D        | Students may take out AV equipment                                | BY Library Questionnaire | Rec #: 2, Pos: 1887 |
| 2           | BYL27E        | Students may take out computer software                           | BY Library Questionnaire | Rec #: 2, Pos: 1889 |
| 2           | BYL27F        | Students may take out computer hardware                           | BY Library Questionnaire | Rec #: 2, Pos: 1891 |
| 2           | BYL27G        | Students may take out none of these                               | BY Library Questionnaire | Rec #: 2, Pos: 1893 |
| 2           | BYL28         | Parents allowed to check out material                             | BY Library Questionnaire | Rec #: 2, Pos: 1895 |
| 2           | BYL29         | Worked in this library during 2000-2001 school year               | BY Library Questionnaire | Rec #: 2, Pos: 1897 |
| 2           | BYL30A        | How often worked with English teachers                            | BY Library Questionnaire | Rec #: 2, Pos: 1899 |
| 2           | BYL30B        | How often worked with math teachers                               | BY Library Questionnaire | Rec #: 2, Pos: 1901 |
| 2           | BYL31A        | School-board has policy on use of Internet                        | BY Library Questionnaire | Rec #: 2, Pos: 1903 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                              | Section Description      | Position            |
|-------------|---------------|---------------------------------------------|--------------------------|---------------------|
| 2           | BYL31B        | School-board has copyright policy           | BY Library Questionnaire | Rec #: 2, Pos: 1905 |
| 2           | BYL31C        | School-board has materials selection policy | BY Library Questionnaire | Rec #: 2, Pos: 1907 |
| 2           | BYL31D        | School-board has none of these policies     | BY Library Questionnaire | Rec #: 2, Pos: 1909 |
| 2           | BYL32         | School has library policy/procedure manual  | BY Library Questionnaire | Rec #: 2, Pos: 1911 |
| 2           | BYL34         | Library questionnaire respondent's title    | BY Library Questionnaire | Rec #: 2, Pos: 1913 |
| 2           | BYL35         | Date library questionnaire completed        | BY Library Questionnaire | Rec #: 2, Pos: 1915 |
| 2           | BYF01A        | Trash on front hallway floors               | BY Facilities Checklist  | Rec #: 2, Pos: 1921 |
| 2           | BYF01B        | Overflowing trashcans in hallway            | BY Facilities Checklist  | Rec #: 2, Pos: 1923 |
| 2           | BYF01C        | Broken lights in hallway                    | BY Facilities Checklist  | Rec #: 2, Pos: 1925 |
| 2           | BYF01D        | Graffiti on hallway walls/doors/ceiling     | BY Facilities Checklist  | Rec #: 2, Pos: 1927 |
| 2           | BYF01E        | Graffiti on lockers in hallway              | BY Facilities Checklist  | Rec #: 2, Pos: 1929 |
| 2           | BYF01F        | Visible fire/emergency alarms in hallway    | BY Facilities Checklist  | Rec #: 2, Pos: 1931 |
| 2           | BYF01G        | Chipped paint in hallway                    | BY Facilities Checklist  | Rec #: 2, Pos: 1933 |
| 2           | BYF01H        | Hallway ceilings in disrepair               | BY Facilities Checklist  | Rec #: 2, Pos: 1935 |
| 2           | BYF01I        | Visible safety exit signs in hallway        | BY Facilities Checklist  | Rec #: 2, Pos: 1937 |
| 2           | BYF01J        | Hallway floor and walls appear clean        | BY Facilities Checklist  | Rec #: 2, Pos: 1939 |
| 2           | BYF02         | Noise level of main entrance during class   | BY Facilities Checklist  | Rec #: 2, Pos: 1941 |
| 2           | BYF03A        | Visitor check-in sign observed              | BY Facilities Checklist  | Rec #: 2, Pos: 1943 |
| 2           | BYF03B        | Sign stating 'no drugs' observed            | BY Facilities Checklist  | Rec #: 2, Pos: 1945 |
| 2           | BYF03C        | Sign stating 'no trespassing' observed      | BY Facilities Checklist  | Rec #: 2, Pos: 1947 |
| 2           | BYF03D        | Sign stating 'no weapons' observed          | BY Facilities Checklist  | Rec #: 2, Pos: 1949 |
| 2           | BYF04A        | Graffiti on bathroom walls and ceilings     | BY Facilities Checklist  | Rec #: 2, Pos: 1951 |
| 2           | BYF04B        | Graffiti on bathroom stall doors/walls      | BY Facilities Checklist  | Rec #: 2, Pos: 1953 |
| 2           | BYF04C        | Trash on bathroom floor                     | BY Facilities Checklist  | Rec #: 2, Pos: 1955 |
| 2           | BYF04D        | Overflowing trashcans in bathroom           | BY Facilities Checklist  | Rec #: 2, Pos: 1957 |
| 2           | BYF04E        | Doors on all bathroom stalls                | BY Facilities Checklist  | Rec #: 2, Pos: 1959 |
| 2           | BYF04F        | Students loitering in bathroom during class | BY Facilities Checklist  | Rec #: 2, Pos: 1961 |
| 2           | BYF04G        | Students smoking in bathroom during class   | BY Facilities Checklist  | Rec #: 2, Pos: 1963 |
| 2           | BYF05A        | Locks on inside of classroom door           | BY Facilities Checklist  | Rec #: 2, Pos: 1965 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description     | Position            |
|-------------|---------------|-----------------------------------------------------|-------------------------|---------------------|
| 2           | BYF05B        | Classroom ceiling in disrepair                      | BY Facilities Checklist | Rec #: 2, Pos: 1967 |
| 2           | BYF05C        | Broken lights in classroom                          | BY Facilities Checklist | Rec #: 2, Pos: 1969 |
| 2           | BYF05D        | Graffiti on classroom walls/ceiling/doors           | BY Facilities Checklist | Rec #: 2, Pos: 1971 |
| 2           | BYF05E        | Graffiti on classroom desks                         | BY Facilities Checklist | Rec #: 2, Pos: 1973 |
| 2           | BYF05F        | Trash on classroom floor                            | BY Facilities Checklist | Rec #: 2, Pos: 1975 |
| 2           | BYF05G        | Overflowing trashcan in classroom                   | BY Facilities Checklist | Rec #: 2, Pos: 1977 |
| 2           | BYF05H        | Classroom floor and walls appear clean              | BY Facilities Checklist | Rec #: 2, Pos: 1979 |
| 2           | BYF05I        | Posters or material on classroom windows            | BY Facilities Checklist | Rec #: 2, Pos: 1981 |
| 2           | BYF05J        | Bars on classroom windows                           | BY Facilities Checklist | Rec #: 2, Pos: 1983 |
| 2           | BYF05K        | Classroom windows broken                            | BY Facilities Checklist | Rec #: 2, Pos: 1985 |
| 2           | BYF06A        | Students wear ID badges                             | BY Facilities Checklist | Rec #: 2, Pos: 1987 |
| 2           | BYF06B        | Teachers wear ID badges                             | BY Facilities Checklist | Rec #: 2, Pos: 1989 |
| 2           | BYF06C        | Other personnel wear ID badges                      | BY Facilities Checklist | Rec #: 2, Pos: 1991 |
| 2           | BYF06D        | Visitors wear ID badges                             | BY Facilities Checklist | Rec #: 2, Pos: 1993 |
| 2           | BYF07         | School has parking lots                             | BY Facilities Checklist | Rec #: 2, Pos: 1995 |
| 2           | BYF08A        | # entrances/exits to parking lots                   | BY Facilities Checklist | Rec #: 2, Pos: 1997 |
| 2           | BYF08B        | # entrances/exits monitored by video                | BY Facilities Checklist | Rec #: 2, Pos: 1999 |
| 2           | BYF08C        | # entrances/exits monitored by guard                | BY Facilities Checklist | Rec #: 2, Pos: 2001 |
| 2           | BYF08D        | # entrances/exits locked during day                 | BY Facilities Checklist | Rec #: 2, Pos: 2003 |
| 2           | BYF09A        | How much litter/trash in area around school         | BY Facilities Checklist | Rec #: 2, Pos: 2005 |
| 2           | BYF09B        | How much graffiti in area around school             | BY Facilities Checklist | Rec #: 2, Pos: 2007 |
| 2           | BYF09C        | How many boarded up buildings in area around school | BY Facilities Checklist | Rec #: 2, Pos: 2009 |
| 2           | BYF09D        | How many people congregated in area around school   | BY Facilities Checklist | Rec #: 2, Pos: 2011 |
| 2           | BYF09E        | How many students loitering in area around school   | BY Facilities Checklist | Rec #: 2, Pos: 2013 |
| 2           | BYF10A        | Observed security guard                             | BY Facilities Checklist | Rec #: 2, Pos: 2015 |
| 2           | BYF10B        | Observed metal detectors                            | BY Facilities Checklist | Rec #: 2, Pos: 2017 |
| 2           | BYF10C        | Observed security cameras                           | BY Facilities Checklist | Rec #: 2, Pos: 2019 |
| 2           | BYF10D        | Observed fencing around entire school               | BY Facilities Checklist | Rec #: 2, Pos: 2021 |
| 2           | BYF10E        | Observed sign-in policies                           | BY Facilities Checklist | Rec #: 2, Pos: 2023 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                           | Section Description             | Position            |
|-------------|---------------|------------------------------------------|---------------------------------|---------------------|
| 2           | BYF10F        | Observed adult direct guests to sign-in  | BY Facilities Checklist         | Rec #: 2, Pos: 2025 |
| 2           | BYF10G        | Observed fire alarms                     | BY Facilities Checklist         | Rec #: 2, Pos: 2027 |
| 2           | BYF10H        | Observed fire extinguishers              | BY Facilities Checklist         | Rec #: 2, Pos: 2029 |
| 2           | BYF10I        | Observed fire sprinklers                 | BY Facilities Checklist         | Rec #: 2, Pos: 2031 |
| 2           | BYF10J        | Observed exterior lights                 | BY Facilities Checklist         | Rec #: 2, Pos: 2033 |
| 2           | BYF10K        | Observed student lockers                 | BY Facilities Checklist         | Rec #: 2, Pos: 2035 |
| 2           | BYF10L        | Observed student uniforms                | BY Facilities Checklist         | Rec #: 2, Pos: 2037 |
| 2           | BYF10M        | Observed signs-alarm if door opened      | BY Facilities Checklist         | Rec #: 2, Pos: 2039 |
| 3           | STU_ID        | Student ID                               | HS Transcript (Student Course)  | Rec #: 1, Pos: 1    |
| 3           | TSCH_ID       | School ID of school providing transcript | HS Transcript (Student Course)  | Rec #: 1, Pos: 7    |
| 3           | SCH_ID        | School ID of course school               | HS Transcript (Student Course)  | Rec #: 1, Pos: 11   |
| 3           | F1CYEAR       | School year in which course was taken    | HS Transcript (Student Course)  | Rec #: 1, Pos: 15   |
| 3           | F1CGRLEV      | Grade level in which course was taken    | HS Transcript (Student Course)  | Rec #: 1, Pos: 17   |
| 3           | F1CCRSE       | Course title                             | HS Transcript (Student Course)  | Rec #: 1, Pos: 19   |
| 3           | F1CT_TYP      | Term in which course was taken           | HS Transcript (Student Course)  | Rec #: 1, Pos: 94   |
| 3           | F1CCRED       | School assigned course credit            | HS Transcript (Student Course)  | Rec #: 1, Pos: 96   |
| 3           | F1CSCRED      | Standardized credits, in Carnegie units  | HS Transcript (Student Course)  | Rec #: 1, Pos: 101  |
| 3           | F1CGRADE      | Standardized course grade                | HS Transcript (Student Course)  | Rec #: 1, Pos: 105  |
| 3           | F1CCSSC       | CSSC code assigned to course             | HS Transcript (Student Course)  | Rec #: 1, Pos: 108  |
| 4           | SCH_ID        | School ID                                | HS Transcript (Course Offering) | Rec #: 1, Pos: 1    |
| 4           | F1OCSSC       | CSSC code assigned to course             | HS Transcript (Course Offering) | Rec #: 1, Pos: 5    |
| 4           | F1OCRSE       | Course title                             | HS Transcript (Course Offering) | Rec #: 1, Pos: 11   |
| 4           | F1OCLI        | School course source                     | HS Transcript (Course Offering) | Rec #: 1, Pos: 86   |
| 4           | F1OCLiy       | Year of school course source             | HS Transcript (Course Offering) | Rec #: 1, Pos: 88   |
| 4           | F1OCRSDP      | Course department                        | HS Transcript (Course Offering) | Rec #: 1, Pos: 90   |
| 5           | STU_ID        | Student ID                               | F2 Institution File             | Rec #: 1, Pos: 1    |
| 5           | F2IORDER      | F2 Institution file order number         | F2 Institution File             | Rec #: 1, Pos: 7    |
| 5           | F2IIPED       | IPEDS code of postsecondary institution  | F2 Institution File             | Rec #: 1, Pos: 9    |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description | Position          |
|-------------|---------------|-------------------------------------------------------------------|---------------------|-------------------|
| 5           | F2ISTATE      | State of postsecondary institution                                | F2 Institution File | Rec #: 1, Pos: 15 |
| 5           | F2ILEVEL      | Level of institution                                              | F2 Institution File | Rec #: 1, Pos: 17 |
| 5           | F2ICNTRL      | Control of institution                                            | F2 Institution File | Rec #: 1, Pos: 19 |
| 5           | F2ISECTR      | Sector of institution                                             | F2 Institution File | Rec #: 1, Pos: 21 |
| 5           | F2ISELC       | Institutional selectivity                                         | F2 Institution File | Rec #: 1, Pos: 23 |
| 5           | F2IOPNAP      | Open admission policy                                             | F2 Institution File | Rec #: 1, Pos: 25 |
| 5           | F2SATV25      | SAT Verbal 25th percentile score (from SATVR25 in IPEDS)          | F2 Institution File | Rec #: 1, Pos: 27 |
| 5           | F2SATV75      | SAT Verbal 75th percentile score (from SATVR75 in IPEDS)          | F2 Institution File | Rec #: 1, Pos: 30 |
| 5           | F2SATM25      | SAT Math 25th percentile score (from SATMT25 in IPEDS)            | F2 Institution File | Rec #: 1, Pos: 33 |
| 5           | F2SATM75      | SAT Math 75th percentile score (from SATMT75 in IPEDS)            | F2 Institution File | Rec #: 1, Pos: 36 |
| 5           | F2ACTE25      | ACT English 25th percentile score (from ACTEN25 in IPEDS)         | F2 Institution File | Rec #: 1, Pos: 39 |
| 5           | F2ACTE75      | ACT English 75th percentile score (from ACTEN75 in IPEDS)         | F2 Institution File | Rec #: 1, Pos: 41 |
| 5           | F2ACTM25      | ACT Math 25th percentile score (from ACTMT25 in IPEDS)            | F2 Institution File | Rec #: 1, Pos: 43 |
| 5           | F2ACTM75      | ACT Math 75th percentile score (from ACTMT75 in IPEDS)            | F2 Institution File | Rec #: 1, Pos: 45 |
| 5           | F2ACTC25      | ACT Composite 25th percentile score (from ACTCM25 in IPEDS)       | F2 Institution File | Rec #: 1, Pos: 47 |
| 5           | F2ACTC75      | ACT Composite 75th percentile score (from ACTCM75 in IPEDS)       | F2 Institution File | Rec #: 1, Pos: 49 |
| 5           | F2IAPPLY      | Whether applied in first round of applications                    | F2 Institution File | Rec #: 1, Pos: 51 |
| 5           | F2IACCPT      | Whether was accepted by this postsecondary institution            | F2 Institution File | Rec #: 1, Pos: 53 |
| 5           | F2IGRANT      | Offered scholarship or grant                                      | F2 Institution File | Rec #: 1, Pos: 55 |
| 5           | F2ILOAN       | Offered loan                                                      | F2 Institution File | Rec #: 1, Pos: 57 |
| 5           | F2IWKSTY      | Offered work study                                                | F2 Institution File | Rec #: 1, Pos: 59 |
| 5           | F2IWAIVR      | Offered tuition waiver/discount                                   | F2 Institution File | Rec #: 1, Pos: 61 |
| 5           | F2IATTND      | Whether attended this postsecondary institution                   | F2 Institution File | Rec #: 1, Pos: 63 |
| 5           | F2IFTPT       | Intensity of enrollment at postsecondary school                   | F2 Institution File | Rec #: 1, Pos: 65 |
| 5           | F2ISTART      | First period of attendance at this postsecondary institution      | F2 Institution File | Rec #: 1, Pos: 67 |
| 5           | F2IEND        | Last period of attendance at this postsecondary institution       | F2 Institution File | Rec #: 1, Pos: 69 |
| 5           | F2IPSQ        | Questionable postsecondary enrollment flag                        | F2 Institution File | Rec #: 1, Pos: 71 |
| 5           | F2IMO45       | Number of months enrolled in institution in 2004-2005 school year | F2 Institution File | Rec #: 1, Pos: 73 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                      | Section Description | Position           |
|-------------|---------------|---------------------------------------------------------------------|---------------------|--------------------|
| 5           | F2IPRE4       | Number of months enrolled at postsecondary institution in 2002-2003 | F2 Institution File | Rec #: 1, Pos: 75  |
| 5           | F2I0401       | Enrolled in postsecondary institution in 2004/01 (January 2004)     | F2 Institution File | Rec #: 1, Pos: 77  |
| 5           | F2I0402       | Enrolled in postsecondary institution in 2004/02 (February 2004)    | F2 Institution File | Rec #: 1, Pos: 79  |
| 5           | F2I0403       | Enrolled in postsecondary institution in 2004/03 (March 2004)       | F2 Institution File | Rec #: 1, Pos: 81  |
| 5           | F2I0404       | Enrolled in postsecondary institution in 2004/04 (April 2004)       | F2 Institution File | Rec #: 1, Pos: 83  |
| 5           | F2I0405       | Enrolled in postsecondary institution in 2004/05 (May 2004)         | F2 Institution File | Rec #: 1, Pos: 85  |
| 5           | F2I0406       | Enrolled in postsecondary institution in 2004/06 (June 2004)        | F2 Institution File | Rec #: 1, Pos: 87  |
| 5           | F2I0407       | Enrolled in postsecondary institution in 2004/07 (July 2004)        | F2 Institution File | Rec #: 1, Pos: 89  |
| 5           | F2I0408       | Enrolled in postsecondary institution in 2004/08 (August 2004)      | F2 Institution File | Rec #: 1, Pos: 91  |
| 5           | F2I0409       | Enrolled in postsecondary institution in 2004/09 (September 2004)   | F2 Institution File | Rec #: 1, Pos: 93  |
| 5           | F2I0410       | Enrolled in postsecondary institution in 2004/10 (October 2004)     | F2 Institution File | Rec #: 1, Pos: 95  |
| 5           | F2I0411       | Enrolled in postsecondary institution in 2004/11 (November 2004)    | F2 Institution File | Rec #: 1, Pos: 97  |
| 5           | F2I0412       | Enrolled in postsecondary institution in 2004/12 (December 2004)    | F2 Institution File | Rec #: 1, Pos: 99  |
| 5           | F2I0501       | Enrolled in postsecondary institution in 2005/01 (January 2005)     | F2 Institution File | Rec #: 1, Pos: 101 |
| 5           | F2I0502       | Enrolled in postsecondary institution in 2005/02 (February 2005)    | F2 Institution File | Rec #: 1, Pos: 103 |
| 5           | F2I0503       | Enrolled in postsecondary institution in 2005/03 (March 2005)       | F2 Institution File | Rec #: 1, Pos: 105 |
| 5           | F2I0504       | Enrolled in postsecondary institution in 2005/04 (April 2005)       | F2 Institution File | Rec #: 1, Pos: 107 |
| 5           | F2I0505       | Enrolled in postsecondary institution in 2005/05 (May 2005)         | F2 Institution File | Rec #: 1, Pos: 109 |
| 5           | F2I0506       | Enrolled in postsecondary institution in 2005/06 (June 2005)        | F2 Institution File | Rec #: 1, Pos: 111 |
| 5           | F2I0507       | Enrolled in postsecondary institution in 2005/07 (July 2005)        | F2 Institution File | Rec #: 1, Pos: 113 |
| 5           | F2I0508       | Enrolled in postsecondary institution in 2005/08 (August 2005)      | F2 Institution File | Rec #: 1, Pos: 115 |
| 5           | F2I0509       | Enrolled in postsecondary institution in 2005/09 (September 2005)   | F2 Institution File | Rec #: 1, Pos: 117 |
| 5           | F2I0510       | Enrolled in postsecondary institution in 2005/10 (October 2005)     | F2 Institution File | Rec #: 1, Pos: 119 |
| 5           | F2I0511       | Enrolled in postsecondary institution in 2005/11 (November 2005)    | F2 Institution File | Rec #: 1, Pos: 121 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                   | Section Description               | Position           |
|-------------|---------------|------------------------------------------------------------------|-----------------------------------|--------------------|
| 5           | F2I0512       | Enrolled in postsecondary institution in 2005/12 (December 2005) | F2 Institution File               | Rec #: 1, Pos: 123 |
| 5           | F2I0601       | Enrolled in postsecondary institution in 2006/01 (January 2006)  | F2 Institution File               | Rec #: 1, Pos: 125 |
| 5           | F2I0602       | Enrolled in postsecondary institution in 2006/02 (February 2006) | F2 Institution File               | Rec #: 1, Pos: 127 |
| 5           | F2I0603       | Enrolled in postsecondary institution in 2006/03 (March 2006)    | F2 Institution File               | Rec #: 1, Pos: 129 |
| 5           | F2I0604       | Enrolled in postsecondary institution in 2006/04 (April 2006)    | F2 Institution File               | Rec #: 1, Pos: 131 |
| 5           | F2I0605       | Enrolled in postsecondary institution in 2006/05 (May 2006)      | F2 Institution File               | Rec #: 1, Pos: 133 |
| 5           | F2I0606       | Enrolled in postsecondary institution in 2006/06 (June 2006)     | F2 Institution File               | Rec #: 1, Pos: 135 |
| 5           | F2I0607       | Enrolled in postsecondary institution in 2006/07 (July 2006)     | F2 Institution File               | Rec #: 1, Pos: 137 |
| 5           | F2I0608       | Enrolled in postsecondary institution in 2006/08 (August 2006)   | F2 Institution File               | Rec #: 1, Pos: 139 |
| 14          | Stu_ID        | Student ID                                                       | F2-F3 Institution Attendance File | Rec #: 1, Pos: 1   |
| 14          | F3IIPED       | IPEDS code of attended postsecondary institution                 | F2-F3 Institution Attendance File | Rec #: 1, Pos: 7   |
| 14          | F3ISTATE      | State of attended postsecondary institution                      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 13  |
| 14          | F3ILEVEL      | Level of attended postsecondary institution                      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 15  |
| 14          | F3ICNTRL      | Control of attended postsecondary institution                    | F2-F3 Institution Attendance File | Rec #: 1, Pos: 17  |
| 14          | F3ISECTR      | Sector of attended postsecondary institution                     | F2-F3 Institution Attendance File | Rec #: 1, Pos: 19  |
| 14          | F3ISELC       | Selectivity of attended postsecondary institution                | F2-F3 Institution Attendance File | Rec #: 1, Pos: 21  |
| 14          | F3IOPNAP      | Attended institution has an open admission policy                | F2-F3 Institution Attendance File | Rec #: 1, Pos: 23  |
| 14          | F3ISATV25     | SAT verbal 25th percentile score (from SATVR25 in IPEDS)         | F2-F3 Institution Attendance File | Rec #: 1, Pos: 25  |
| 14          | F3ISATV75     | SAT verbal 75th percentile score (from SATVR75 in IPEDS)         | F2-F3 Institution Attendance File | Rec #: 1, Pos: 28  |
| 14          | F3ISATM25     | SAT math 25th percentile score (from SATMT25 in IPEDS)           | F2-F3 Institution Attendance File | Rec #: 1, Pos: 31  |
| 14          | F3ISATM75     | SAT math 75th percentile score (from SATMT75 in IPEDS)           | F2-F3 Institution Attendance File | Rec #: 1, Pos: 34  |
| 14          | F3IACTE25     | ACT English 25th percentile score (from ACTEN25 in IPEDS)        | F2-F3 Institution Attendance File | Rec #: 1, Pos: 37  |
| 14          | F3IACTE75     | ACT English 75th percentile score (from ACTEN75 in IPEDS)        | F2-F3 Institution Attendance File | Rec #: 1, Pos: 39  |
| 14          | F3IACTM25     | ACT math 25th percentile score (from ACTMT25 in IPEDS)           | F2-F3 Institution Attendance File | Rec #: 1, Pos: 41  |
| 14          | F3IACTM75     | ACT math 75th percentile score (from ACTMT75 in IPEDS)           | F2-F3 Institution Attendance File | Rec #: 1, Pos: 43  |
| 14          | F3IACTC25     | ACT composite 25th percentile score (from ACTCM25 in IPEDS)      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 45  |
| 14          | F3IACTC75     | ACT composite 75th percentile score (from ACTCM75 in IPEDS)      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 47  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name   | Variable label                                                                   | Section Description               | Position           |
|-------------|-----------------|----------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 14          | F3IHBCU         | Attended institution is an HBCU                                                  | F2-F3 Institution Attendance File | Rec #: 1, Pos: 49  |
| 14          | F3ISTDATE       | Year/month R first attended postsecondary institution                            | F2-F3 Institution Attendance File | Rec #: 1, Pos: 51  |
| 14          | F3IFIRSTINST    | Institution is R's first-attended postsecondary institution                      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 57  |
| 14          | F3ILASTINST     | Institution is R's last/currently attended postsecondary institution             | F2-F3 Institution Attendance File | Rec #: 1, Pos: 59  |
| 14          | F3ICREDNUM      | Number of credentials earned at postsecondary institution                        | F2-F3 Institution Attendance File | Rec #: 1, Pos: 61  |
| 14          | F3ICREDTYPE_1   | Credential #1 (highest/only cred from this inst): credential type                | F2-F3 Institution Attendance File | Rec #: 1, Pos: 63  |
| 14          | F3ICREDDATE_1   | Credential #1 (highest/only cred from this inst): year/month earned              | F2-F3 Institution Attendance File | Rec #: 1, Pos: 65  |
| 14          | F3ICREDFIELD_1  | Credential #1 (highest/only cred from this inst): field-of-study (verbatim)      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 71  |
| 14          | F3ICREDGEN_1    | Credential #1 (highest/only cred from this inst): field-of-study 2-digit code    | F2-F3 Institution Attendance File | Rec #: 1, Pos: 121 |
| 14          | F3ICREDSPEC_1   | Credential #1 (highest/only cred from this inst): field-of-study 6-digit code    | F2-F3 Institution Attendance File | Rec #: 1, Pos: 123 |
| 14          | F3ICREDDBLMAJ_1 | Credential #1 (highest/only cred from this inst): double major indicator         | F2-F3 Institution Attendance File | Rec #: 1, Pos: 130 |
| 14          | F3ICREDFIELD2_1 | Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study (verbatim)   | F2-F3 Institution Attendance File | Rec #: 1, Pos: 132 |
| 14          | F3ICREDGEN2_1   | Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study 2-digit code | F2-F3 Institution Attendance File | Rec #: 1, Pos: 182 |
| 14          | F3ICREDSPEC2_1  | Credntl #1 (highest/only cred from this inst): 2nd maj fld-of-study 6-digit code | F2-F3 Institution Attendance File | Rec #: 1, Pos: 184 |
| 14          | F3ICREDTYPE_2   | Credential #2 (additional cred from this inst): credential type                  | F2-F3 Institution Attendance File | Rec #: 1, Pos: 191 |
| 14          | F3ICREDDATE_2   | Credential #2 (additional cred from this inst): year/month earned                | F2-F3 Institution Attendance File | Rec #: 1, Pos: 193 |
| 14          | F3ICREDFIELD_2  | Credential #2 (additional cred from this inst): field-of-study (verbatim)        | F2-F3 Institution Attendance File | Rec #: 1, Pos: 199 |
| 14          | F3ICREDGEN_2    | Credential #2 (additional cred from this inst): field-of-study 2-digit code      | F2-F3 Institution Attendance File | Rec #: 1, Pos: 249 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name   | Variable label                                                                  | Section Description               | Position           |
|-------------|-----------------|---------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 14          | F3ICREDSPEC_2   | Credential #2 (additional cred from this inst): field-of-study 6-digit code     | F2-F3 Institution Attendance File | Rec #: 1, Pos: 251 |
| 14          | F3ICREDDBLMAJ_2 | Credential #2 (additional cred from this inst): double major indicator          | F2-F3 Institution Attendance File | Rec #: 1, Pos: 258 |
| 14          | F3ICREDFIELD2_2 | Credential #2 (additional cred from this inst): 2nd maj fld-of-study (verbatim) | F2-F3 Institution Attendance File | Rec #: 1, Pos: 260 |
| 14          | F3ICREDGEN2_2   | Credntl #2 (additional cred from this inst): 2nd maj fld-of-study 2-digit code  | F2-F3 Institution Attendance File | Rec #: 1, Pos: 310 |
| 14          | F3ICREDSPEC2_2  | Credntl #2 (additional cred from this inst): 2nd maj fld-of-study 6-digit code  | F2-F3 Institution Attendance File | Rec #: 1, Pos: 312 |
| 6           | STU_ID          | Analysis case ID                                                                | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 1   |
| 6           | C05021          | Student's state of legal residence (from FAFSA 2004-05)                         | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 7   |
| 6           | C05022          | Student legal resident before 1-1-1999? (from FAFSA 2004-05)                    | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 9   |
| 6           | C05023          | Student's legal residence date (from FAFSA 2004-05)                             | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 11  |
| 6           | C05026          | Degree/certificate (from FAFSA 2004-05)                                         | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 17  |
| 6           | C05027          | Grade level in college (from FAFSA 2004-05)                                     | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 19  |
| 6           | C05030          | Interested in student loans? (from FAFSA 2004-05)                               | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 21  |
| 6           | C05031          | Interested in Work-Study? (from FAFSA 2004-05)                                  | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 23  |
| 6           | C05038          | Student's adj gross inc on IRS form (from FAFSA 2004-05)                        | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 25  |
| 6           | C05039          | Student's US income tax paid (from FAFSA 2004-05)                               | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 31  |
| 6           | C05040          | Student's exemptions claimed (from FAFSA 2004-05)                               | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 36  |
| 6           | C05041          | Student's income earned from work (from FAFSA 2004-05)                          | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 38  |
| 6           | C05046          | Student's cash, savings, checking (from FAFSA 2004-05)                          | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 44  |
| 6           | C05047          | Student's investment net worth (from FAFSA 2004-05)                             | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 50  |
| 6           | C05058          | Parents marital status (from FAFSA 2004-05)                                     | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 56  |
| 6           | C05068          | Parents number of family members (from FAFSA 2004-05)                           | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 58  |
| 6           | C05069          | Parents number in college (from FAFSA 2004-05)                                  | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 60  |
| 6           | C05070          | Parents state of legal residence (from FAFSA 2004-05)                           | CPS (FAFSA) 2004-2005             | Rec #: 1, Pos: 62  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 6           | C05071        | Parents legal residents before 1-1-1999? (from FAFSA 2004-05) | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 64  |
| 6           | C05072        | Parents legal residence date (from FAFSA 2004-05)             | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 66  |
| 6           | C05076        | Parents adjusted gross income (from FAFSA 2004-05)            | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 72  |
| 6           | C05077        | Parents US income tax paid (from FAFSA 2004-05)               | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 78  |
| 6           | C05078        | Parents exemptions claimed (from FAFSA 2004-05)               | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 84  |
| 6           | C05079        | Father's income earned from work (from FAFSA 2004-05)         | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 86  |
| 6           | C05080        | Mother's income earned from work (from FAFSA 2004-05)         | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 92  |
| 6           | C05081        | Parents total amount from worksheet A (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 98  |
| 6           | C05082        | Parents total amount from worksheet B (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 103 |
| 6           | C05083        | Parents total amount from worksheet C (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 108 |
| 6           | C05084        | Parents cash, savings, checking (from FAFSA 2004-05)          | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 113 |
| 6           | C05085        | Parents investment net worth (from FAFSA 2004-05)             | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 119 |
| 6           | C05086        | Parents business and/or farm net worth (from FAFSA 2004-05)   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 125 |
| 6           | C05089        | Federal school code #1 (from FAFSA 2004-05)                   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 131 |
| 6           | C05090        | Federal school code #1 housing plans (from FAFSA 2004-05)     | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 137 |
| 6           | C05091        | Federal school code #2 (from FAFSA 2004-05)                   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 139 |
| 6           | C05092        | Federal school code #2 housing plans (from FAFSA 2004-05)     | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 145 |
| 6           | C05093        | Federal school code #3 (from FAFSA 2004-05)                   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 147 |
| 6           | C05094        | Federal school code #3 housing plans (from FAFSA 2004-05)     | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 153 |
| 6           | C05095        | Federal school code #4 (from FAFSA 2004-05)                   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 155 |
| 6           | C05096        | Federal school code #4 housing plans (from FAFSA 2004-05)     | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 161 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description   | Position           |
|-------------|---------------|--------------------------------------------------------------|-----------------------|--------------------|
| 6           | C05097        | Federal school code #5 (from FAFSA 2004-05)                  | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 163 |
| 6           | C05098        | Federal school code #5 housing plans (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 169 |
| 6           | C05099        | Federal school code #6 (from FAFSA 2004-05)                  | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 171 |
| 6           | C05100        | Federal school code #6 housing plans (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 177 |
| 6           | C05101        | Enrollment status (from FAFSA 2004-05)                       | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 179 |
| 6           | C05110        | Dependency status (from FAFSA 2004-05)                       | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 181 |
| 6           | C05134        | Application receipt date (from FAFSA 2004-05)                | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 183 |
| 6           | C05144        | Pell grant eligibility flag (from FAFSA 2004-05)             | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 191 |
| 6           | C05150        | Automatic zero EFC (from FAFSA 2004-05)                      | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 193 |
| 6           | C05151        | Simplified needs test (SNT) (from FAFSA 2004-05)             | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 195 |
| 6           | C05179        | Primary EFC (from FAFSA 2004-05)                             | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 197 |
| 6           | C05181        | Primary EFC type (from FAFSA 2004-05)                        | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 202 |
| 6           | C05205        | TI: Total Income (from FAFSA 2004-05)                        | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 204 |
| 6           | C05206        | ATI: Allowances Against Total Income (from FAFSA 2004-05)    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 211 |
| 6           | C05207        | STX: State Tax Allowance (from FAFSA 2004-05)                | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 218 |
| 6           | C05208        | EA: Employment Allowance (from FAFSA 2004-05)                | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 225 |
| 6           | C05209        | IPA: Income Protection Allowance (from FAFSA 2004-05)        | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 232 |
| 6           | C05210        | AI: Available Income (from FAFSA 2004-05)                    | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 239 |
| 6           | C05211        | CAI: Contribution from available income (from FAFSA 2004-05) | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 246 |
| 6           | C05212        | DNW: Discretionary Net Worth (from FAFSA 2004-05)            | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 253 |
| 6           | C05213        | NW: Net Worth (from FAFSA 2004-05)                           | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 262 |
| 6           | C05214        | APA: Asset Protection Allowance (from FAFSA 2004-05)         | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 271 |
| 6           | C05215        | PCA: Parents Contribution from Assets (from FAFSA 2004-05)   | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 280 |
| 6           | C05216        | AAI: Adjusted Available Income (from FAFSA 2004-05)          | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 287 |
| 6           | C05217        | TSC: Total Student Contribution (from FAFSA 2004-05)         | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 294 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 6           | C05218        | TPC: Total Parent Contribution (from FAFSA 2004-05)           | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 301 |
| 6           | C05219        | PC: Parents Contribution (from FAFSA 2004-05)                 | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 308 |
| 6           | C05220        | STI: Student's Total Income (from FAFSA 2004-05)              | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 315 |
| 6           | C05221        | SATI: Student's Allow Agnst Total Income (from FAFSA 2004-05) | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 322 |
| 6           | C05222        | SIC: Dependent Students Inc Contribution (from FAFSA 2004-05) | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 329 |
| 6           | C05223        | SDNW: Student's Discretionary Net Worth (from FAFSA 2004-05)  | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 336 |
| 6           | C05224        | SCA: Student's Contribution from Assets (from FAFSA 2004-05)  | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 345 |
| 6           | C05225        | FTI: FISAP total income (from FAFSA 2004-05)                  | CPS (FAFSA) 2004-2005 | Rec #: 1, Pos: 352 |
| 7           | STU_ID        | Analysis case ID                                              | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 1   |
| 7           | C06021        | Student's state of legal residence (from FAFSA 2005-06)       | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 7   |
| 7           | C06022        | Student legal resident before 1-1-2000? (from FAFSA 2005-06)  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 9   |
| 7           | C06023        | Student's legal residence date (from FAFSA 2005-06)           | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 11  |
| 7           | C06026        | Degree/certificate (from FAFSA 2005-06)                       | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 17  |
| 7           | C06027        | Grade level in college (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 19  |
| 7           | C06030        | Interested in student loans? (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 21  |
| 7           | C06031        | Interested in Work-Study? (from FAFSA 2005-06)                | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 23  |
| 7           | C06038        | Student's adj gross inc on IRS form (from FAFSA 2005-06)      | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 25  |
| 7           | C06039        | Student's US income tax paid (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 31  |
| 7           | C06040        | Student's exemptions claimed (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 36  |
| 7           | C06041        | Student's income earned from work (from FAFSA 2005-06)        | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 38  |
| 7           | C06046        | Student's cash, savings, checking (from FAFSA 2005-06)        | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 44  |
| 7           | C06047        | Student's investment net worth (from FAFSA 2005-06)           | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 50  |
| 7           | C06058        | Parents marital status (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 56  |
| 7           | C06068        | Parents number of family members (from FAFSA 2005-06)         | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 58  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 7           | C06069        | Parents number in college (from FAFSA 2005-06)                | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 60  |
| 7           | C06070        | Parents state of legal residence (from FAFSA 2005-06)         | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 62  |
| 7           | C06071        | Parents legal residents before 1-1-2000? (from FAFSA 2005-06) | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 64  |
| 7           | C06072        | Parents legal residence date (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 66  |
| 7           | C06076        | Parents adjusted gross income (from FAFSA 2005-06)            | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 72  |
| 7           | C06077        | Parents US income tax paid (from FAFSA 2005-06)               | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 78  |
| 7           | C06078        | Parents exemptions claimed (from FAFSA 2005-06)               | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 84  |
| 7           | C06079        | Father's income earned from work (from FAFSA 2005-06)         | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 86  |
| 7           | C06080        | Mother's income earned from work (from FAFSA 2005-06)         | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 92  |
| 7           | C06081        | Parents total amount from worksheet A (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 98  |
| 7           | C06082        | Parents total amount from worksheet B (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 103 |
| 7           | C06083        | Parents total amount from worksheet C (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 108 |
| 7           | C06084        | Parents cash, savings, checking (from FAFSA 2005-06)          | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 113 |
| 7           | C06085        | Parents investment net worth (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 119 |
| 7           | C06086        | Parents business and/or farm net worth (from FAFSA 2005-06)   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 125 |
| 7           | C06089        | Federal school code #1 (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 131 |
| 7           | C06090        | Federal school code #1 housing plans (from FAFSA 2005-06)     | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 137 |
| 7           | C06091        | Federal school code #2 (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 139 |
| 7           | C06092        | Federal school code #2 housing plans (from FAFSA 2005-06)     | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 145 |
| 7           | C06093        | Federal school code #3 (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 147 |
| 7           | C06094        | Federal school code #3 housing plans (from FAFSA 2005-06)     | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 153 |
| 7           | C06095        | Federal school code #4 (from FAFSA 2005-06)                   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 155 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description   | Position           |
|-------------|---------------|--------------------------------------------------------------|-----------------------|--------------------|
| 7           | C06096        | Federal school code #4 housing plans (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 161 |
| 7           | C06097        | Federal school code #5 (from FAFSA 2005-06)                  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 163 |
| 7           | C06098        | Federal school code #5 housing plans (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 169 |
| 7           | C06099        | Federal school code #6 (from FAFSA 2005-06)                  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 171 |
| 7           | C06100        | Federal school code #6 housing plans (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 177 |
| 7           | C06101        | Enrollment status (from FAFSA 2005-06)                       | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 179 |
| 7           | C06110        | Dependency status (from FAFSA 2005-06)                       | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 181 |
| 7           | C06140        | Application receipt date (from FAFSA 2005-06)                | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 183 |
| 7           | C06152        | Pell grant eligibility flag (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 191 |
| 7           | C06158        | Automatic zero EFC (from FAFSA 2005-06)                      | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 193 |
| 7           | C06159        | Simplified needs test (SNT) (from FAFSA 2005-06)             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 195 |
| 7           | C06186        | Primary EFC (from FAFSA 2005-06)                             | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 197 |
| 7           | C06188        | Primary EFC type (from FAFSA 2005-06)                        | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 202 |
| 7           | C06212        | TI: Total Income (from FAFSA 2005-06)                        | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 204 |
| 7           | C06213        | ATI: Allowances Against Total Income (from FAFSA 2005-06)    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 211 |
| 7           | C06214        | STX: State Tax Allowance (from FAFSA 2005-06)                | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 218 |
| 7           | C06215        | EA: Employment Allowance (from FAFSA 2005-06)                | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 225 |
| 7           | C06216        | IPA: Income Protection Allowance (from FAFSA 2005-06)        | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 232 |
| 7           | C06217        | AI: Available Income (from FAFSA 2005-06)                    | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 239 |
| 7           | C06218        | CAI: Contribution from available income (from FAFSA 2005-06) | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 246 |
| 7           | C06219        | DNW: Discretionary Net Worth (from FAFSA 2005-06)            | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 253 |
| 7           | C06220        | NW: Net Worth (from FAFSA 2005-06)                           | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 262 |
| 7           | C06221        | APA: Asset Protection Allowance (from FAFSA 2005-06)         | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 271 |
| 7           | C06222        | PCA: Parents Contribution from Assets (from FAFSA 2005-06)   | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 280 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 7           | C06223        | AAI: Adjusted Available Income (from FAFSA 2005-06)           | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 287 |
| 7           | C06224        | TSC: Total Student Contribution (from FAFSA 2005-06)          | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 294 |
| 7           | C06225        | TPC: Total Parent Contribution (from FAFSA 2005-06)           | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 301 |
| 7           | C06226        | PC: Parents Contribution (from FAFSA 2005-06)                 | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 308 |
| 7           | C06227        | STI: Student's Total Income (from FAFSA 2005-06)              | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 315 |
| 7           | C06228        | SATI: Student's Allow Agnst Total Income (from FAFSA 2005-06) | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 322 |
| 7           | C06229        | SIC: Dependent Students Inc Contribution (from FAFSA 2005-06) | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 329 |
| 7           | C06230        | SDNW: Student's Discretionary Net Worth (from FAFSA 2005-06)  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 336 |
| 7           | C06231        | SCA: Student's Contribution from Assets (from FAFSA 2005-06)  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 345 |
| 7           | C06232        | FTI: FISAP total income (from FAFSA 2005-06)                  | CPS (FAFSA) 2005-2006 | Rec #: 1, Pos: 352 |
| 8           | STU_ID        | Analysis case ID                                              | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 1   |
| 8           | C07021        | Student's state of legal residence (from FAFSA 2006-07)       | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 7   |
| 8           | C07022        | Student legal resident before 1-1-2001? (from FAFSA 2006-07)  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 9   |
| 8           | C07023        | Student's legal residence date (from FAFSA 2006-07)           | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 11  |
| 8           | C07026        | Degree/certificate (from FAFSA 2006-07)                       | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 17  |
| 8           | C07027        | Grade level in college (from FAFSA 2006-07)                   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 19  |
| 8           | C07030        | Interested in student loans? (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 21  |
| 8           | C07031        | Interested in Work-Study? (from FAFSA 2006-07)                | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 23  |
| 8           | C07038        | Student's adj gross inc on IRS form (from FAFSA 2006-07)      | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 25  |
| 8           | C07039        | Student's US income tax paid (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 31  |
| 8           | C07040        | Student's exemptions claimed (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 36  |
| 8           | C07046        | Student's cash, savings, checking (from FAFSA 2006-07)        | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 38  |
| 8           | C07047        | Student's investment net worth (from FAFSA 2006-07)           | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 44  |
| 8           | C07058        | Parents marital status (from FAFSA 2006-07)                   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 50  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 8           | C07068        | Parents number of family members (from FAFSA 2006-07)         | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 52  |
| 8           | C07069        | Parents number in college (from FAFSA 2006-07)                | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 54  |
| 8           | C07070        | Parents state of legal residence (from FAFSA 2006-07)         | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 56  |
| 8           | C07071        | Parents legal residents before 1-1-2001? (from FAFSA 2006-07) | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 58  |
| 8           | C07072        | Parents legal residence date (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 60  |
| 8           | C07076        | Parents adjusted gross income (from FAFSA 2006-07)            | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 66  |
| 8           | C07077        | Parents US income tax paid (from FAFSA 2006-07)               | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 72  |
| 8           | C07078        | Parents exemptions claimed (from FAFSA 2006-07)               | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 78  |
| 8           | C07079        | Father's income earned from work (from FAFSA 2006-07)         | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 80  |
| 8           | C07080        | Mother's income earned from work (from FAFSA 2006-07)         | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 86  |
| 8           | C07081        | Parents total amount from worksheet A (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 92  |
| 8           | C07082        | Parents total amount from worksheet B (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 97  |
| 8           | C07083        | Parents total amount from worksheet C (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 102 |
| 8           | C07084        | Parents cash, savings, checking (from FAFSA 2006-07)          | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 107 |
| 8           | C07085        | Parents investment net worth (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 113 |
| 8           | C07086        | Parents business and/or farm net worth (from FAFSA 2006-07)   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 119 |
| 8           | C07089        | Federal school code #1 (from FAFSA 2006-07)                   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 125 |
| 8           | C07090        | Federal school code #1 housing plans (from FAFSA 2006-07)     | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 131 |
| 8           | C07091        | Federal school code #2 (from FAFSA 2006-07)                   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 133 |
| 8           | C07092        | Federal school code #2 housing plans (from FAFSA 2006-07)     | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 139 |
| 8           | C07093        | Federal school code #3 (from FAFSA 2006-07)                   | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 141 |
| 8           | C07094        | Federal school code #3 housing plans (from FAFSA 2006-07)     | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 147 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description   | Position           |
|-------------|---------------|--------------------------------------------------------------|-----------------------|--------------------|
| 8           | C07095        | Federal school code #4 (from FAFSA 2006-07)                  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 149 |
| 8           | C07096        | Federal school code #4 housing plans (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 155 |
| 8           | C07097        | Federal school code #5 (from FAFSA 2006-07)                  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 157 |
| 8           | C07098        | Federal school code #5 housing plans (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 163 |
| 8           | C07099        | Federal school code #6 (from FAFSA 2006-07)                  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 165 |
| 8           | C07100        | Federal school code #6 housing plans (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 171 |
| 8           | C07101        | Enrollment status (from FAFSA 2006-07)                       | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 173 |
| 8           | C07110        | Dependency status (from FAFSA 2006-07)                       | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 175 |
| 8           | C07140        | Application receipt date (from FAFSA 2006-07)                | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 177 |
| 8           | C07152        | Pell grant eligibility flag (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 185 |
| 8           | C07158        | Automatic zero EFC (from FAFSA 2006-07)                      | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 187 |
| 8           | C07159        | Simplified needs test (SNT) (from FAFSA 2006-07)             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 189 |
| 8           | C07186        | Primary EFC (from FAFSA 2006-07)                             | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 191 |
| 8           | C07188        | Primary EFC type (from FAFSA 2006-07)                        | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 196 |
| 8           | C07212        | TI: Total Income (from FAFSA 2006-07)                        | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 198 |
| 8           | C07213        | ATI: Allowances Against Total Income (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 205 |
| 8           | C07214        | STX: State Tax Allowance (from FAFSA 2006-07)                | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 212 |
| 8           | C07215        | EA: Employment Allowance (from FAFSA 2006-07)                | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 219 |
| 8           | C07216        | IPA: Income Protection Allowance (from FAFSA 2006-07)        | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 226 |
| 8           | C07217        | AI: Available Income (from FAFSA 2006-07)                    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 233 |
| 8           | C07218        | CAI: Contribution from available income (from FAFSA 2006-07) | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 240 |
| 8           | C07219        | DNW: Discretionary Net Worth (from FAFSA 2006-07)            | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 247 |
| 8           | C07220        | NW: Net Worth (from FAFSA 2006-07)                           | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 256 |
| 8           | C07221        | APA: Asset Protection Allowance (from FAFSA 2006-07)         | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 265 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                | Section Description   | Position           |
|-------------|---------------|---------------------------------------------------------------|-----------------------|--------------------|
| 8           | C07222        | PCA: Parents Contribution from Assets (from FAFSA 2006-07)    | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 274 |
| 8           | C07223        | AAI: Adjusted Available Income (from FAFSA 2006-07)           | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 281 |
| 8           | C07224        | TSC: Total Student Contribution (from FAFSA 2006-07)          | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 288 |
| 8           | C07225        | TPC: Total Parent Contribution (from FAFSA 2006-07)           | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 295 |
| 8           | C07226        | PC: Parents Contribution (from FAFSA 2006-07)                 | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 302 |
| 8           | C07227        | STI: Student's Total Income (from FAFSA 2006-07)              | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 309 |
| 8           | C07228        | SATI: Student's Allow Agnst Total Income (from FAFSA 2006-07) | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 316 |
| 8           | C07229        | SIC: Dependent Students Inc Contribution (from FAFSA 2006-07) | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 323 |
| 8           | C07230        | SDNW: Student's Discretionary Net Worth (from FAFSA 2006-07)  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 330 |
| 8           | C07231        | SCA: Student's Contribution from Assets (from FAFSA 2006-07)  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 339 |
| 8           | C07232        | FTI: FISAP total income (from FAFSA 2006-07)                  | CPS (FAFSA) 2006-2007 | Rec #: 1, Pos: 346 |
| 15          | STU_ID        | Student ID                                                    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 1   |
| 15          | C10TRNNM      | Transaction number                                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 7   |
| 15          | C10DRIVST     | Student's Driver's License State Code                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 9   |
| 15          | C10CITZN      | Student's citizenship status                                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 11  |
| 15          | C10MARR       | Student's marital status                                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 13  |
| 15          | C10MARDT      | Student's marital status date                                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 15  |
| 15          | C10STATE      | Student's state of legal residence                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 21  |
| 15          | C10RES        | Student legal resident before 1-1-2004?                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 23  |
| 15          | C10RESDT      | Student's legal residence date                                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 25  |
| 15          | C10GENDR      | Are you male or female?                                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 31  |
| 15          | C10DADED      | Father's highest grade level completed                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 33  |
| 15          | C10MOMED      | Mother's highest grade level completed                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 35  |
| 15          | C10HSDIP      | HS diploma or Equivalent                                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 37  |
| 15          | C10FIRBA      | First bachelor degree by 7/1/2009?                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 39  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 15          | C10GRDLVL     | Grade level in college                              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 41  |
| 15          | C10DEG        | Degree/certificate                                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 43  |
| 15          | C10WRKS       | Interested in Work-Study or Student Loans?          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 45  |
| 15          | C10TAX        | Student's tax return completed?                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 47  |
| 15          | C10TXTY       | Student's type of 2008 tax form used                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 49  |
| 15          | C10TXEZ       | Student eligible to file 1040A or 1040EZ            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 51  |
| 15          | C10TXAGI      | Student's adj gross inc on IRS form                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 53  |
| 15          | C10TXPD       | Student's US income tax paid                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 59  |
| 15          | C10TXCLM      | Student's exemptions claimed                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 64  |
| 15          | C10INC        | Student's income earned from work                   | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 66  |
| 15          | C10INCSP      | Spouse's income earned from work                    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 72  |
| 15          | C10CASH       | Student's cash, savings, checking                   | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 78  |
| 15          | C10INVT       | Student's investment net worth                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 84  |
| 15          | C10BUS        | Student's business and/or investment farm net worth | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 90  |
| 15          | C10EDCRD      | Student's Educational Credits                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 96  |
| 15          | C10CSUPP      | Student's Child Support Paid                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 102 |
| 15          | C10NDEMP      | Student's Need-Based Employment                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 108 |
| 15          | C10GRANT      | Student's Grant/Scholarship Aid                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 114 |
| 15          | C10COMPAY     | Student's Combat Pay                                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 120 |
| 15          | C10PENS       | Student's Pension Payments                          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 126 |
| 15          | C10IRA        | Student's IRA Payments                              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 132 |
| 15          | C10CSUPR      | Student's Child Support Received                    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 138 |
| 15          | C10INCINT     | Student's Interest Income                           | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 144 |
| 15          | C10IRADIS     | Student's IRA Distributions                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 150 |
| 15          | C10UPEN       | Student's Untaxed Pensions                          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 156 |
| 15          | C10MILIT      | Student's Military/Clergy Allowances                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 162 |
| 15          | C10VETBE      | Student's Veterans Noneducation Benefits            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 168 |
| 15          | C10INCOTH     | Student's Other Untaxed Income                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 174 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description   | Position           |
|-------------|---------------|----------------------------------------------------|-----------------------|--------------------|
| 15          | C10ONREP      | Student's Other Non-Reported Money                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 180 |
| 15          | C10BORN       | Born before 1/1/1986?                              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 186 |
| 15          | C10MAR        | Is student married?                                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 188 |
| 15          | C10MSDOC      | Working on a Master's or Doctorate Program?        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 190 |
| 15          | C10ACTDUTY    | Are you on active duty in U.S Armed Forces?        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 192 |
| 15          | C10VET        | Veteran of US armed forces?                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 194 |
| 15          | C10DEPS       | Have children you support?                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 196 |
| 15          | C10DEPO       | Have legal dep other than child/spouse?            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 198 |
| 15          | C10ORPH       | Orphan, Ward of Court, or Foster Care              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 200 |
| 15          | C10MINOR      | As of today, an emancipated minor?                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 202 |
| 15          | C10GUARD      | As of today, in legal guardianship?                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 204 |
| 15          | C10SCHLIA     | Unaccompanied youth determ by school liason?       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 206 |
| 15          | C10HUD        | Unaccompanied youth determined by HUD?             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 208 |
| 15          | C10HOMELS     | At risk of homelessness?                           | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 210 |
| 15          | C10PARST      | Parents' marital status                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 212 |
| 15          | C10PMARDT     | Parents' marital status date                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 214 |
| 15          | C10PSTATE     | Parents' state of legal residence                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 218 |
| 15          | C10PRES       | Parents' legal residents before 1-1-2004?          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 220 |
| 15          | C10PLEGDT     | Parents' legal residence date                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 222 |
| 15          | C10PFAMNM     | Parents' number of family members                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 228 |
| 15          | C10PCOLNM     | Parents' number in college                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 230 |
| 15          | C10PSSINC     | Parent Supplemental Security Income Benefits       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 232 |
| 15          | C10PFOOD      | Parent Food Stamp Benefits                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 234 |
| 15          | C10PFREE      | Parent Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 236 |
| 15          | C10PTANF      | Parent TANF Benefits                               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 238 |
| 15          | C10PWIC       | Parent WIC Benefits                                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 240 |
| 15          | C10PTAX       | Parents' tax return completed?                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 242 |
| 15          | C10PTXTY      | Parents' type of 2008 tax form used                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 244 |
| 15          | C10PTXEZ      | Parents' eligible to file 1040A or 1040EZ          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 246 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 15          | C10PDISLW     | Parent dislocated worker                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 248 |
| 15          | C10PTXAGI     | Parents' adjusted gross income                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 250 |
| 15          | C10PTXPD      | Parents' US income tax paid                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 256 |
| 15          | C10PTXCLM     | Parents' exemptions claimed                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 262 |
| 15          | C10FINC       | Father's/Stepfather's income earned from work       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 264 |
| 15          | C10MINC       | Mother's/Stepmother's income earned from work       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 270 |
| 15          | C10PCASH      | Parents' cash, savings, checking                    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 276 |
| 15          | C10PINVT      | Parents' investment net worth                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 282 |
| 15          | C10PBUS       | Parents' business and/or farm net worth             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 288 |
| 15          | C10PEDCRD     | Parents' Educational Credits                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 294 |
| 15          | C10PCSUPP     | Parents' Child Support Paid                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 300 |
| 15          | C10PNDEMP     | Parents' Need-Based Employment                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 306 |
| 15          | C10PGRANT     | Parents' Grant/Scholarship Aid                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 312 |
| 15          | C10PCOMPAY    | Parents' Combat Pay                                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 318 |
| 15          | C10PPENS      | Parents' Pension Payments                           | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 324 |
| 15          | C10PIRA       | Parents' IRA Payments                               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 330 |
| 15          | C10PCSUPR     | Parents' Child Support Received                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 336 |
| 15          | C10PINCINT    | Parents' Interest Income                            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 342 |
| 15          | C10PIRADIS    | Parents' IRA Distributions                          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 348 |
| 15          | C10PUPEN      | Parents' Untaxed Pensions                           | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 354 |
| 15          | C10PMILIT     | Parents' Military/Clergy Allowances                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 360 |
| 15          | C10PVETBE     | Parents' Veterans Noneducation Benefits             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 366 |
| 15          | C10PINCOTH    | Parents' Other Untaxed Income                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 372 |
| 15          | C10FAMNM      | Student's number of family members                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 378 |
| 15          | C10COLNM      | Student's number in college                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 380 |
| 15          | C10SSINC      | Student Supplemental Security Income Benefits       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 382 |
| 15          | C10FOOD       | Student Food Stamp Benefits                         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 384 |
| 15          | C10FREE       | Student Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 386 |
| 15          | C10TANF       | Student TANF Benefits                               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 388 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                        | Section Description   | Position           |
|-------------|---------------|---------------------------------------|-----------------------|--------------------|
| 15          | C10WIC        | Student WIC Benefits                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 390 |
| 15          | C10DISLW      | Student/Spouse Dislocated Worker      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 392 |
| 15          | C10SCH01      | Federal School code #1                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 394 |
| 15          | C10HPLN01     | Federal School code #1 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 400 |
| 15          | C10SCH02      | Federal School code #2                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 402 |
| 15          | C10HPLN02     | Federal School Code #2 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 408 |
| 15          | C10SCH03      | Federal School code #3                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 410 |
| 15          | C10HPLN03     | Federal School Code #3 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 416 |
| 15          | C10SCH04      | Federal School code #4                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 418 |
| 15          | C10HPLN04     | Federal School Code #4 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 424 |
| 15          | C10SCH05      | Federal School code #5                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 426 |
| 15          | C10HPLN05     | Federal School Code #5 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 432 |
| 15          | C10SCH06      | Federal School code #6                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 434 |
| 15          | C10HPLN06     | Federal School Code #6 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 440 |
| 15          | C10SCH07      | Federal School code #7                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 442 |
| 15          | C10HPLN07     | Federal School Code #7 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 448 |
| 15          | C10SCH08      | Federal School code #8                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 450 |
| 15          | C10HPLN08     | Federal School Code #8 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 456 |
| 15          | C10SCH09      | Federal School code #9                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 458 |
| 15          | C10HPLN09     | Federal School Code #9 Housing Plans  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 464 |
| 15          | C10SCH10      | Federal School code #10               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 466 |
| 15          | C10HPLN10     | Federal School Code #10 Housing Plans | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 472 |
| 15          | C10APPDT      | Date application completed            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 474 |
| 15          | C10DEPEN      | Dependency status                     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 482 |
| 15          | C10TRNSRC     | Transaction Data Source/Type Code     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 484 |
| 15          | C10JUDG       | Professional judgment                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 486 |
| 15          | C10APPSRC     | Application data source/type code     | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 488 |
| 15          | C10APPDTR     | Application receipt date              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 490 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description   | Position           |
|-------------|---------------|-------------------------------------------|-----------------------|--------------------|
| 15          | C10GRAD       | Graduate flag                             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 498 |
| 15          | C10PELL       | Pell grant eligibility flag               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 500 |
| 15          | C10TRNDT      | Transaction Processed Date                | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 502 |
| 15          | C10EFCZR      | Automatic zero EFC                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 510 |
| 15          | C10SNT        | Simplified needs test (SNT)               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 512 |
| 15          | C10PTXSTA     | Parents' calculated 2008 tax status       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 514 |
| 15          | C10STXSTA     | Student's calculated 2008 tax status      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 516 |
| 15          | C10EFCP       | Primary EFC                               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 518 |
| 15          | C10EFCS       | Secondary EFC                             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 523 |
| 15          | C10EFCPT      | Primary EFC type                          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 528 |
| 15          | C10EFCST      | Secondary EFC type                        | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 530 |
| 15          | C10TI         | TI: Total Income                          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 532 |
| 15          | C10ATI        | ATI: Allowances Against Total Income      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 539 |
| 15          | C10STX        | STX: State Tax Allowance                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 546 |
| 15          | C10EA         | EA: Employment Allowance                  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 553 |
| 15          | C10IPA        | IPA: Income Protection Allowance          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 560 |
| 15          | C10AI         | AI: Available Income                      | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 567 |
| 15          | C10CAI        | CAI: Contribution from available income   | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 574 |
| 15          | C10DNW        | DNW: Discretionary Net Worth              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 581 |
| 15          | C10NW         | NW: Net Worth                             | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 590 |
| 15          | C10APA        | APA: Asset Protection Allowance           | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 599 |
| 15          | C10PCA        | PCA: Parents' Contribution from Assets    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 608 |
| 15          | C10AAI        | AAI: Adjusted Available Income            | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 615 |
| 15          | C10TSC        | TSC: Total Student's Contribution         | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 622 |
| 15          | C10TPC        | TPC: Total Parents' Contribution          | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 629 |
| 15          | C10PC         | PC: Parents' Contribution                 | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 636 |
| 15          | C10STI        | STI: Student's Total Income               | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 643 |
| 15          | C10SATI       | SATI: Student's Allow Agnst Total Income  | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 650 |
| 15          | C10SIC        | SIC: Dependent Student's Inc Contribution | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 657 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description   | Position           |
|-------------|---------------|--------------------------------------------|-----------------------|--------------------|
| 15          | C10SDNW       | SDNW: Student's Discretionary Net Worth    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 664 |
| 15          | C10SCA        | SCA: Student's Contribution from Assets    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 673 |
| 15          | C10FTI        | FTI: FISAP total income                    | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 680 |
| 15          | C10SSACIT     | SSA citizenship flag                       | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 687 |
| 15          | C10VA         | VA match flag                              | CPS (FAFSA) 2009-2010 | Rec #: 1, Pos: 689 |
| 16          | STU_ID        | Student ID                                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 1   |
| 16          | C11TRNNM      | Transaction number                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 7   |
| 16          | C11DRIVST     | Student's Driver's License State Code      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 9   |
| 16          | C11CITZN      | Student's citizenship status               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 11  |
| 16          | C11MARR       | Student's marital status                   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 13  |
| 16          | C11MARDT      | Student's marital status date              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 15  |
| 16          | C11STATE      | Student's state of legal residence         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 21  |
| 16          | C11RES        | Student legal resident before 1-1-2005?    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 23  |
| 16          | C11RESDT      | Student's legal residence date             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 25  |
| 16          | C11GENDR      | Are you male or female?                    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 31  |
| 16          | C11DADED      | Father's highest grade level completed     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 33  |
| 16          | C11MOMED      | Mother's highest grade level completed     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 35  |
| 16          | C11HSDIP      | HS diploma or Equivalent                   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 37  |
| 16          | C11FIRBA      | First bachelor degree by 7/1/2010?         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 39  |
| 16          | C11GRDLVL     | Grade level in college                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 41  |
| 16          | C11DEG        | Degree/certificate                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 43  |
| 16          | C11WRKS       | Interested in Work-Study or Student Loans? | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 45  |
| 16          | C11TAX        | Student's tax return completed?            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 47  |
| 16          | C11TXY        | Student's type of 2009 tax form used       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 49  |
| 16          | C11TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 51  |
| 16          | C11TXAGI      | Student's adj gross inc on IRS form        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 53  |
| 16          | C11TXPD       | Student's US income tax paid               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 59  |
| 16          | C11TXCLM      | Student's exemptions claimed               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 64  |
| 16          | C11INC        | Student's income earned from work          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 66  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 16          | C11INCSP      | Spouse's income earned from work                    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 72  |
| 16          | C11CASH       | Student's cash, savings, checking                   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 78  |
| 16          | C11INVT       | Student's investment net worth                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 84  |
| 16          | C11BUS        | Student's business and/or investment farm net worth | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 90  |
| 16          | C11EDCRD      | Student's Educational Credits                       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 96  |
| 16          | C11CSUPP      | Student's Child Support Paid                        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 102 |
| 16          | C11NDEMP      | Student's Need-Based Employment                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 108 |
| 16          | C11GRANT      | Student's Grant/Scholarship Aid                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 114 |
| 16          | C11COMPAY     | Student's Combat Pay                                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 120 |
| 16          | C11COOP       | Student's Co-op Earnings                            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 126 |
| 16          | C11PENS       | Student's Pension Payments                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 132 |
| 16          | C11IRA        | Student's IRA Payments                              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 138 |
| 16          | C11CSUPR      | Student's Child Support Received                    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 144 |
| 16          | C11INCINT     | Student's Interest Income                           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 150 |
| 16          | C11IRADIS     | Student's IRA Distributions                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 156 |
| 16          | C11UPEN       | Student's Untaxed Pensions                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 162 |
| 16          | C11MILIT      | Student's Military/Clergy Allowances                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 168 |
| 16          | C11VETBE      | Student's Veterans Noneducation Benefits            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 174 |
| 16          | C11INCOTH     | Student's Other Untaxed Income                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 180 |
| 16          | C11ONREP      | Student's Other Non-Reported Money                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 186 |
| 16          | C11BORN       | Born before 1/1/1987?                               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 192 |
| 16          | C11MAR        | Is student married?                                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 194 |
| 16          | C11MSDOC      | Working on a Master's or Doctorate Program?         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 196 |
| 16          | C11ACTDUTY    | Are you on active duty in U.S Armed Forces?         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 198 |
| 16          | C11VET        | Veteran of US armed forces?                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 200 |
| 16          | C11DEPS       | Have children you support?                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 202 |
| 16          | C11DEPO       | Have legal dep other than child/spouse?             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 204 |
| 16          | C11ORPH       | Orphan, Ward of Court, or Foster Care               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 206 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description   | Position           |
|-------------|---------------|----------------------------------------------------|-----------------------|--------------------|
| 16          | C11MINOR      | As of today, an emancipated minor?                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 208 |
| 16          | C11GUARD      | As of today, in legal guardianship?                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 210 |
| 16          | C11SCHLIA     | Unaccompanied youth determ by school liason?       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 212 |
| 16          | C11HUD        | Unaccompanied youth determined by HUD?             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 214 |
| 16          | C11HOMELS     | At risk of homelessness?                           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 216 |
| 16          | C11PARST      | Parents' marital status                            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 218 |
| 16          | C11PMARDT     | Parents' marital status date                       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 220 |
| 16          | C11PSTATE     | Parents' state of legal residence                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 224 |
| 16          | C11PRES       | Parents' legal residents before 1-1-2005?          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 226 |
| 16          | C11PLEGDT     | Parents' legal residence date                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 228 |
| 16          | C11PFAMNM     | Parents' number of family members                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 234 |
| 16          | C11PCOLNM     | Parents' number in college                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 236 |
| 16          | C11PSSINC     | Parent Supplemental Security Income Benefits       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 238 |
| 16          | C11PFOOD      | Parent Food Stamp Benefits                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 240 |
| 16          | C11PFREE      | Parent Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 242 |
| 16          | C11PTANF      | Parent TANF Benefits                               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 244 |
| 16          | C11PWIC       | Parent WIC Benefits                                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 246 |
| 16          | C11PTAX       | Parents' tax return completed?                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 248 |
| 16          | C11PTXTY      | Parents' type of 2009 tax form used                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 250 |
| 16          | C11PTXEZ      | Parents' eligible to file 1040A or 1040EZ          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 252 |
| 16          | C11PDISLW     | Parent dislocated worker                           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 254 |
| 16          | C11PTXAGI     | Parents' adjusted gross income                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 256 |
| 16          | C11PTXPD      | Parents' US income tax paid                        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 262 |
| 16          | C11PTXCLM     | Parents' exemptions claimed                        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 268 |
| 16          | C11FINC       | Father's/Stepfather's income earned from work      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 270 |
| 16          | C11MINC       | Mother's/Stepmother's income earned from work      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 276 |
| 16          | C11PCASH      | Parents' cash, savings, checking                   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 282 |
| 16          | C11PINVT      | Parents' investment net worth                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 288 |
| 16          | C11PBUS       | Parents' business and/or farm net worth            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 294 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 16          | C11PEDCRD     | Parents' Educational Credits                        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 300 |
| 16          | C11PCSUPP     | Parents' Child Support Paid                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 306 |
| 16          | C11PNDEMP     | Parents' Need-Based Employment                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 312 |
| 16          | C11PGRANT     | Parents' Grant/Scholarship Aid                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 318 |
| 16          | C11PCOMPAY    | Parents' Combat Pay                                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 324 |
| 16          | C11PCOOP      | Parents' Co-op Earnings                             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 330 |
| 16          | C11PPENS      | Parents' Pension Payments                           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 336 |
| 16          | C11PIRA       | Parents' IRA Payments                               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 342 |
| 16          | C11PCSUPR     | Parents' Child Support Received                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 348 |
| 16          | C11PINCINT    | Parents' Interest Income                            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 354 |
| 16          | C11PIRADIS    | Parents' IRA Distributions                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 360 |
| 16          | C11PUPEN      | Parents' Untaxed Pensions                           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 366 |
| 16          | C11PMILIT     | Parents' Military/Clergy Allowances                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 372 |
| 16          | C11PVETBE     | Parents' Veterans Noneducation Benefits             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 378 |
| 16          | C11PINCOTH    | Parents' Other Untaxed Income                       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 384 |
| 16          | C11FAMNM      | Student's number of family members                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 390 |
| 16          | C11COLNM      | Student's number in college                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 392 |
| 16          | C11SSINC      | Student Supplemental Security Income Benefits       | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 394 |
| 16          | C11FOOD       | Student Food Stamp Benefits                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 396 |
| 16          | C11FREE       | Student Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 398 |
| 16          | C11TANF       | Student TANF Benefits                               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 400 |
| 16          | C11WIC        | Student WIC Benefits                                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 402 |
| 16          | C11DISLW      | Student/Spouse Dislocated Worker                    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 404 |
| 16          | C11SCH01      | Federal School code #1                              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 406 |
| 16          | C11HPLN01     | Federal School code #1 Housing Plans                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 412 |
| 16          | C11SCH02      | Federal School code #2                              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 414 |
| 16          | C11HPLN02     | Federal School Code #2 Housing Plans                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 420 |
| 16          | C11SCH03      | Federal School code #3                              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 422 |
| 16          | C11HPLN03     | Federal School Code #3 Housing Plans                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 428 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                        | Section Description   | Position           |
|-------------|---------------|---------------------------------------|-----------------------|--------------------|
| 16          | C11SCH04      | Federal School code #4                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 430 |
| 16          | C11HPLN04     | Federal School Code #4 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 436 |
| 16          | C11SCH05      | Federal School code #5                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 438 |
| 16          | C11HPLN05     | Federal School Code #5 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 444 |
| 16          | C11SCH06      | Federal School code #6                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 446 |
| 16          | C11HPLN06     | Federal School Code #6 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 452 |
| 16          | C11SCH07      | Federal School code #7                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 454 |
| 16          | C11HPLN07     | Federal School Code #7 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 460 |
| 16          | C11SCH08      | Federal School code #8                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 462 |
| 16          | C11HPLN08     | Federal School Code #8 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 468 |
| 16          | C11SCH09      | Federal School code #9                | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 470 |
| 16          | C11HPLN09     | Federal School Code #9 Housing Plans  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 476 |
| 16          | C11SCH10      | Federal School code #10               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 478 |
| 16          | C11HPLN10     | Federal School Code #10 Housing Plans | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 484 |
| 16          | C11AP PDT     | Date application completed            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 486 |
| 16          | C11DEPEN      | Dependency status                     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 494 |
| 16          | C11TRNSRC     | Transaction Data Source/Type Code     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 496 |
| 16          | C11IRS        | Student IRS Request Flag              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 498 |
| 16          | C11PIRS       | Parent IRS Request Flag               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 500 |
| 16          | C11JUDG       | Professional judgment                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 502 |
| 16          | C11APPSRC     | Application data source/type code     | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 504 |
| 16          | C11APDTR      | Application receipt date              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 506 |
| 16          | C11GRAD       | Graduate flag                         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 514 |
| 16          | C11PELL       | Pell grant eligibility flag           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 516 |
| 16          | C11TRNDT      | Transaction Processed Date            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 518 |
| 16          | C11EFCZR      | Automatic zero EFC                    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 526 |
| 16          | C11SNT        | Simplified needs test (SNT)           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 528 |
| 16          | C11PTXSTA     | Parents' calculated 2009 tax status   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 530 |
| 16          | C11STXSTA     | Student's calculated 2009 tax status  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 532 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description   | Position           |
|-------------|---------------|-------------------------------------------|-----------------------|--------------------|
| 16          | C11EFCP       | Primary EFC                               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 534 |
| 16          | C11EFCS       | Secondary EFC                             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 539 |
| 16          | C11EFCPT      | Primary EFC type                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 544 |
| 16          | C11EFCST      | Secondary EFC type                        | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 546 |
| 16          | C11TI         | TI: Total Income                          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 548 |
| 16          | C11ATI        | ATI: Allowances Against Total Income      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 555 |
| 16          | C11STX        | STX: State Tax Allowance                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 562 |
| 16          | C11EA         | EA: Employment Allowance                  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 569 |
| 16          | C11IPA        | IPA: Income Protection Allowance          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 576 |
| 16          | C11AI         | AI: Available Income                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 583 |
| 16          | C11CAI        | CAI: Contribution from available income   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 590 |
| 16          | C11DNW        | DNW: Discretionary Net Worth              | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 597 |
| 16          | C11NW         | NW: Net Worth                             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 606 |
| 16          | C11APA        | APA: Asset Protection Allowance           | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 615 |
| 16          | C11PCA        | PCA: Parents' Contribution from Assets    | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 624 |
| 16          | C11AAI        | AAI: Adjusted Available Income            | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 631 |
| 16          | C11TSC        | TSC: Total Student's Contribution         | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 638 |
| 16          | C11TPC        | TPC: Total Parents' Contribution          | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 645 |
| 16          | C11PC         | PC: Parents' Contribution                 | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 652 |
| 16          | C11STI        | STI: Student's Total Income               | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 659 |
| 16          | C11SATI       | SATI: Student's Allow Agnst Total Income  | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 666 |
| 16          | C11SIC        | SIC: Dependent Student's Inc Contribution | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 673 |
| 16          | C11SDNW       | SDNW: Student's Discretionary Net Worth   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 680 |
| 16          | C11SCA        | SCA: Student's Contribution from Assets   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 689 |
| 16          | C11FTI        | FTI: FISAP total income                   | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 696 |
| 16          | C11SSACIT     | SSA citizenship flag                      | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 703 |
| 16          | C11VA         | VA match flag                             | CPS (FAFSA) 2010-2011 | Rec #: 1, Pos: 705 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description   | Position           |
|-------------|---------------|--------------------------------------------|-----------------------|--------------------|
| 17          | STU_ID        | Student ID                                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 1   |
| 17          | C12TRNNM      | Transaction number                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 7   |
| 17          | C12DRIVST     | Student's Driver's License State Code      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 9   |
| 17          | C12CITZN      | Student's driver's license state           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 11  |
| 17          | C12MARR       | Student's marital status                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 13  |
| 17          | C12MARDT      | Student's marital status date              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 15  |
| 17          | C12STATE      | Student's state of legal residence         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 21  |
| 17          | C12RES        | Student legal resident before 1-1-2006?    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 23  |
| 17          | C12RESDT      | Student's legal residence date             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 25  |
| 17          | C12GENDR      | Are you male or female?                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 31  |
| 17          | C12DADED      | Father's highest grade level completed     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 33  |
| 17          | C12MOMED      | Mother's highest grade level completed     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 35  |
| 17          | C12HSDIP      | HS diploma or Equivalent                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 37  |
| 17          | C12HSCOD      | High School Code                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 39  |
| 17          | C12FIRBA      | First bachelor degree by 7/1/2011?         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 51  |
| 17          | C12GRDLVL     | Grade level in college                     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 53  |
| 17          | C12DEG        | Degree/certificate                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 55  |
| 17          | C12WRKS       | Interested in Work-Study or Student Loans? | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 57  |
| 17          | C12TAX        | Student's tax return completed?            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 59  |
| 17          | C12TXTY       | Student's type of 2010 tax form used       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 61  |
| 17          | C12TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 63  |
| 17          | C12TXAGI      | Student's adj gross inc on IRS form        | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 65  |
| 17          | C12TXPD       | Student's US income tax paid               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 71  |
| 17          | C12TXCLM      | Student's exemptions claimed               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 76  |
| 17          | C12INC        | Student's income earned from work          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 78  |
| 17          | C12INCSP      | Spouse's income earned from work           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 84  |
| 17          | C12CASH       | Student's cash, savings, checking          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 90  |
| 17          | C12INVT       | Student's investment net worth             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 96  |
| 17          | C12BUS        | Student's business and/or farm net worth   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 102 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------|-----------------------|--------------------|
| 17          | C12EDCRD      | Student's Educational Credits                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 108 |
| 17          | C12CSUPP      | Student's Child Support Paid                  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 114 |
| 17          | C12NDEMP      | Student's Need-Based Employment               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 120 |
| 17          | C12GRANT      | Student's Grant/Scholarship Aid               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 126 |
| 17          | C12COMPAY     | Student's Combat Pay                          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 132 |
| 17          | C12COOP       | Student's Co-op Pay                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 138 |
| 17          | C12PENS       | Student's Pension Payments                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 144 |
| 17          | C12IRA        | Student's IRA Payments                        | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 150 |
| 17          | C12CSUPR      | Student's Child Support Received              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 156 |
| 17          | C12INCINT     | Student's Interest Income                     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 162 |
| 17          | C12IRADIS     | Student's IRA Distributions                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 168 |
| 17          | C12UPEN       | Student's Untaxed Pensions                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 174 |
| 17          | C12MILIT      | Student's Military/Clergy Allowances          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 180 |
| 17          | C12VETBE      | Student's Veterans Noneducation Benefits      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 186 |
| 17          | C12INCOTH     | Student's Other Untaxed Income                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 192 |
| 17          | C12ONREP      | Student's Other Non-Reported Money            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 198 |
| 17          | C12BORN       | Born before 1/1/1988?                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 204 |
| 17          | C12MAR        | Is student married?                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 206 |
| 17          | C12MSDOC      | Working on a Master's or Doctorate Program?   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 208 |
| 17          | C12ACTDUTY    | Are you on active duty in U.S Armed Forces?   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 210 |
| 17          | C12VET        | Veteran of US armed forces?                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 212 |
| 17          | C12DEPS       | Have children you support?                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 214 |
| 17          | C12DEPO       | Have legal dep other than child/spouse?       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 216 |
| 17          | C12ORPH       | Orphan, Ward of Court, or Foster Care         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 218 |
| 17          | C12MINOR      | As of today, an emancipated minor?            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 220 |
| 17          | C12GUARD      | As of today, in legal guardianship?           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 222 |
| 17          | C12SCHLIA     | Unaccompanied youth determ by school liaison? | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 224 |
| 17          | C12HUD        | Unaccompanied youth determined by HUD?        | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 226 |
| 17          | C12HOMELS     | At risk of homelessness?                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 228 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 17          | C12PARST      | Parents' marital status                             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 230 |
| 17          | C12PMARDT     | Parents' marital status date                        | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 232 |
| 17          | C12PSTATE     | Parents' state of legal residence                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 236 |
| 17          | C12PRES       | Parents' legal residents before 1-1-2006?           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 238 |
| 17          | C12PLEGDT     | Parents' legal residence date                       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 240 |
| 17          | C12PFAMNM     | Parents' number of family members                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 246 |
| 17          | C12PCOLNM     | Parents' number in college                          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 248 |
| 17          | C12PSSINC     | Parent' Supplemental Security Income Benefits       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 250 |
| 17          | C12PFOOD      | Parent' Food Stamp Benefits                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 252 |
| 17          | C12PFREE      | Parent' Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 254 |
| 17          | C12PTANF      | Parent' TANF Benefits                               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 256 |
| 17          | C12PWIC       | Parent' WIC Benefits                                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 258 |
| 17          | C12PTAX       | Parents' tax return completed?                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 260 |
| 17          | C12PTXTY      | Parents' type of 2010 tax form used                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 262 |
| 17          | C12PTXEZ      | Parents' eligible to file 1040A or 1040EZ           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 264 |
| 17          | C12PDISLW     | Parent dislocated worker                            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 266 |
| 17          | C12PTXAGI     | Parents' adjusted gross income                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 268 |
| 17          | C12PTXPD      | Parents' US income tax paid                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 274 |
| 17          | C12PTXCLM     | Parents' exemptions claimed                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 280 |
| 17          | C12FINC       | Father's income earned from work                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 282 |
| 17          | C12MINC       | Mother's income earned from work                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 288 |
| 17          | C12PCASH      | Parents' cash, savings, checking                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 294 |
| 17          | C12PINVT      | Parents' investment net worth                       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 300 |
| 17          | C12PBUS       | Parents' business and/or farm net worth             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 306 |
| 17          | C12PEDCRD     | Parents' Educational Credits                        | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 312 |
| 17          | C12PCSUPP     | Parents' Child Support Paid                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 318 |
| 17          | C12PNDEMP     | Parents' Need-Based Employment                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 324 |
| 17          | C12PGRANT     | Parents' Grant/Scholarship Aid                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 330 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 17          | C12PCOMPAY    | Parents' Combat Pay                                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 336 |
| 17          | C12PCOOP      | Parents' Co-op Pay                                  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 342 |
| 17          | C12PPENS      | Parents' Pension Payments                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 348 |
| 17          | C12PIRA       | Parents' IRA Payments                               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 354 |
| 17          | C12PCSUPR     | Parents' Child Support Received                     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 360 |
| 17          | C12PINCINT    | Parents' Interest Income                            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 366 |
| 17          | C12PIRADIS    | Parents' IRA Distributions                          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 372 |
| 17          | C12PUPEN      | Parents' Untaxed Pensions                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 378 |
| 17          | C12PMILIT     | Parents' Military/Clergy Allowances                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 384 |
| 17          | C12PVETBE     | Parents' Veterans Noneducation Benefits             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 390 |
| 17          | C12PINCOTH    | Parents' Other Untaxed Income                       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 396 |
| 17          | C12FAMNM      | Student's number of family members                  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 402 |
| 17          | C12COLNM      | Student's number in college                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 404 |
| 17          | C12SSINC      | Student Supplemental Security Income Benefits       | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 406 |
| 17          | C12FOOD       | Student Food Stamp Benefits                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 408 |
| 17          | C12FREE       | Student Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 410 |
| 17          | C12TANF       | Student TANF Benefits                               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 412 |
| 17          | C12WIC        | Student WIC Benefits                                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 414 |
| 17          | C12DISLW      | Student/Spouse Dislocated Worker                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 416 |
| 17          | C12SCH01      | Federal School code #1                              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 418 |
| 17          | C12HPLN01     | Federal School code #1 Housing Plans                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 424 |
| 17          | C12SCH02      | Federal School code #2                              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 426 |
| 17          | C12HPLN02     | Federal School Code #2 Housing Plans                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 432 |
| 17          | C12SCH03      | Federal School code #3                              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 434 |
| 17          | C12HPLN03     | Federal School Code #3 Housing Plans                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 440 |
| 17          | C12SCH04      | Federal School code #4                              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 442 |
| 17          | C12HPLN04     | Federal School Code #4 Housing Plans                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 448 |
| 17          | C12SCH05      | Federal School code #5                              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 450 |
| 17          | C12HPLN05     | Federal School Code #5 Housing Plans                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 456 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                        | Section Description   | Position           |
|-------------|---------------|---------------------------------------|-----------------------|--------------------|
| 17          | C12SCH06      | Federal School code #6                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 458 |
| 17          | C12HPLN06     | Federal School Code #6 Housing Plans  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 464 |
| 17          | C12SCH07      | Federal School code #7                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 466 |
| 17          | C12HPLN07     | Federal School Code #7 Housing Plans  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 472 |
| 17          | C12SCH08      | Federal School code #8                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 474 |
| 17          | C12HPLN08     | Federal School Code #8 Housing Plans  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 480 |
| 17          | C12SCH09      | Federal School code #9                | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 482 |
| 17          | C12HPLN09     | Federal School Code #9 Housing Plans  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 488 |
| 17          | C12SCH10      | Federal School code #10               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 490 |
| 17          | C12HPLN10     | Federal School Code #10 Housing Plans | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 496 |
| 17          | C12AP PDT     | Date application completed            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 498 |
| 17          | C12DEPEN      | Dependency status                     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 506 |
| 17          | C12TRNSRC     | Transaction Data Source/Type Code     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 508 |
| 17          | C12IRS        | Student IRS Request Flag              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 510 |
| 17          | C12PIRS       | Parent IRS Request Flag               | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 512 |
| 17          | C12JUDG       | Professional judgment                 | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 514 |
| 17          | C12APPSRC     | Application data source/type code     | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 516 |
| 17          | C12APPDTR     | Application receipt date              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 518 |
| 17          | C12GRAD       | Graduate flag                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 526 |
| 17          | C12PELL       | Pell grant eligibility flag           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 528 |
| 17          | C12TRNDT      | Transaction Processed Date            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 530 |
| 17          | C12EFCZR      | Automatic zero EFC                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 538 |
| 17          | C12SNT        | Simplified needs test (SNT)           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 540 |
| 17          | C12STXSTA     | Student's calculated 2010 tax status  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 542 |
| 17          | C12HSFLG      | High School Flag                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 544 |
| 17          | C12EFCP       | Primary EFC                           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 546 |
| 17          | C12EFCS       | Secondary EFC                         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 551 |
| 17          | C12EFCPT      | Primary EFC type                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 556 |
| 17          | C12EFCST      | Secondary EFC type                    | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 558 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description   | Position           |
|-------------|---------------|-------------------------------------------|-----------------------|--------------------|
| 17          | C12TI         | TI: Total Income                          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 560 |
| 17          | C12ATI        | ATI: Allowances Against Total Income      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 567 |
| 17          | C12STX        | STX: State Tax Allowance                  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 574 |
| 17          | C12EA         | EA: Employment Allowance                  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 581 |
| 17          | C12IPA        | IPA: Income Protection Allowance          | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 588 |
| 17          | C12AI         | AI: Available Income                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 595 |
| 17          | C12CAI        | CAI: Contribution from available income   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 602 |
| 17          | C12DNW        | DNW: Discretionary Net Worth              | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 609 |
| 17          | C12NW         | NW: Net Worth                             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 618 |
| 17          | C12APA        | APA: Asset Protection Allowance           | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 627 |
| 17          | C12AAI        | AAI: Adjusted Available Income            | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 636 |
| 17          | C12TSC        | TSC: Total Student's Contribution         | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 643 |
| 17          | C12SATI       | SATI: Student's Allow Agnst Total Income  | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 650 |
| 17          | C12SIC        | SIC: Dependent Student's Inc Contribution | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 657 |
| 17          | C12SDNW       | SDNW: Student's Discretionary Net Worth   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 664 |
| 17          | C12SCA        | SCA: Student's Contribution from Assets   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 673 |
| 17          | C12FTI        | FTI: FISAP total income                   | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 680 |
| 17          | C12SSACIT     | SSA citizenship flag                      | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 687 |
| 17          | C12VA         | VA match flag                             | CPS (FAFSA) 2011-2012 | Rec #: 1, Pos: 689 |
| 18          | STU_ID        | Student ID                                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 1   |
| 18          | C13TRNNM      | Transaction number                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 7   |
| 18          | C13DRIVST     | Student's Driver's License State Code     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 9   |
| 18          | C13CITZN      | Student's citizenship status              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 11  |
| 18          | C13MARR       | Student's marital status                  | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 13  |
| 18          | C13MARDT      | Student's marital status date             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 15  |
| 18          | C13STATE      | Student's state of legal residence        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 21  |
| 18          | C13RES        | Student legal resident before 1-1-2007?   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 23  |
| 18          | C13RESDT      | Student's legal residence date            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 25  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description   | Position           |
|-------------|---------------|--------------------------------------------|-----------------------|--------------------|
| 18          | C13GENDR      | Are you male or female?                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 31  |
| 18          | C13DADED      | Father's highest grade level completed     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 33  |
| 18          | C13MOMED      | Mother's highest grade level completed     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 35  |
| 18          | C13HSDIP      | HS diploma or Equivalent                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 37  |
| 18          | C13HSCOD      | High School Code                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 39  |
| 18          | C13FIRBA      | First bachelor degree by 7/1/2012?         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 51  |
| 18          | C13GRDLVL     | Grade level in college                     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 53  |
| 18          | C13DEG        | Degree/certificate                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 55  |
| 18          | C13WRKS       | Interested in Work-Study or Student Loans? | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 57  |
| 18          | C13TAX        | Student's tax return completed?            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 59  |
| 18          | C13TXTY       | Student's type of 2011 tax form used       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 61  |
| 18          | C13TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 63  |
| 18          | C13TXAGI      | Student's adj gross inc on IRS form        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 65  |
| 18          | C13TXPD       | Student's US income tax paid               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 71  |
| 18          | C13TXCLM      | Student's exemptions claimed               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 76  |
| 18          | C13INC        | Student's income earned from work          | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 78  |
| 18          | C13INCSP      | Spouse's income earned from work           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 84  |
| 18          | C13CASH       | Student's cash, savings, checking          | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 90  |
| 18          | C13INVT       | Student's investment net worth             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 96  |
| 18          | C13BUS        | Student's business and/or farm net worth   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 102 |
| 18          | C13EDCRD      | Student's Educational Credits              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 108 |
| 18          | C13CSUPP      | Student's Child Support Paid               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 114 |
| 18          | C13NDEMP      | Student's Need-Based Employment            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 120 |
| 18          | C13GRANT      | Student's Grant/Scholarship Aid            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 126 |
| 18          | C13COMPAY     | Student's Combat Pay                       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 132 |
| 18          | C13COOP       | Student's Co-op Pay                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 138 |
| 18          | C13PENS       | Student's Pension Payments                 | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 144 |
| 18          | C13IRA        | Student's IRA Payments                     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 150 |
| 18          | C13CSUPR      | Student's Child Support Received           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 156 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------|-----------------------|--------------------|
| 18          | C13INCINT     | Student's Interest Income                     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 162 |
| 18          | C13IRADIS     | Student's IRA Distributions                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 168 |
| 18          | C13UPEN       | Student's Untaxed Pensions                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 174 |
| 18          | C13MILIT      | Student's Military/Clergy Allowances          | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 180 |
| 18          | C13VETBE      | Student's Veterans Noneducation Benefits      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 186 |
| 18          | C13INCOTH     | Student's Other Untaxed Income                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 192 |
| 18          | C13ONREP      | Student's Other Non-Reported Money            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 198 |
| 18          | C13BORN       | Born before 1/1/1989?                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 204 |
| 18          | C13MAR        | Is student married?                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 206 |
| 18          | C13MSDOC      | Working on a Master's or Doctorate Program?   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 208 |
| 18          | C13ACTDUTY    | Are you on active duty in U.S Armed Forces?   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 210 |
| 18          | C13VET        | Veteran of US armed forces?                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 212 |
| 18          | C13DEPS       | Have children you support?                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 214 |
| 18          | C13DEPO       | Have legal dep other than child/spouse?       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 216 |
| 18          | C13ORPH       | Orphan, Ward of Court, or Foster Care         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 218 |
| 18          | C13MINOR      | As of today, an emancipated minor?            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 220 |
| 18          | C13GUARD      | As of today, in legal guardianship?           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 222 |
| 18          | C13SCHLIA     | Unaccompanied youth determ by school liaison? | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 224 |
| 18          | C13HUD        | Unaccompanied youth determined by HUD?        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 226 |
| 18          | C13HOMELS     | At risk of homelessness?                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 228 |
| 18          | C13PARST      | Parents' marital status                       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 230 |
| 18          | C13PMARDT     | Parents' marital status date                  | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 232 |
| 18          | C13PSTATE     | Parents' state of legal residence             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 236 |
| 18          | C13PRES       | Parents' legal residents before 1-1-2007?     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 238 |
| 18          | C13PLEGDT     | Parents' legal residence date                 | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 240 |
| 18          | C13PFAMNM     | Parents' number of family members             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 246 |
| 18          | C13PCOLNM     | Parents' number in college                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 248 |
| 18          | C13PSSINC     | Parent' Supplemental Security Income Benefits | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 250 |
| 18          | C13PFOOD      | Parent' Food Stamp Benefits                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 252 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 18          | C13PFREE      | Parent' Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 254 |
| 18          | C13PTANF      | Parent' TANF Benefits                               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 256 |
| 18          | C13PWIC       | Parent' WIC Benefits                                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 258 |
| 18          | C13PTAX       | Parents' tax return completed?                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 260 |
| 18          | C13PTXTY      | Parents' type of 2011 tax form used                 | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 262 |
| 18          | C13PTXEZ      | Parents' eligible to file 1040A or 1040EZ           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 264 |
| 18          | C13PDISLW     | Parent dislocated worker                            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 266 |
| 18          | C13PTXAGI     | Parents' adjusted gross income                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 268 |
| 18          | C13PTXPD      | Parents' US income tax paid                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 274 |
| 18          | C13PTXCLM     | Parents' exemptions claimed                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 280 |
| 18          | C13FINC       | Father's income earned from work                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 282 |
| 18          | C13MINC       | Mother's income earned from work                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 288 |
| 18          | C13PCASH      | Parents' cash, savings, checking                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 294 |
| 18          | C13PINVT      | Parents' investment net worth                       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 300 |
| 18          | C13PBUS       | Parents' business and/or farm net worth             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 306 |
| 18          | C13PEDCRD     | Parents' Educational Credits                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 312 |
| 18          | C13PCSUPP     | Parents' Child Support Paid                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 318 |
| 18          | C13PNDEMP     | Parents' Need-Based Employment                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 324 |
| 18          | C13PGRANT     | Parents' Grant/Scholarship Aid                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 330 |
| 18          | C13PCOMPAY    | Parents' Combat Pay                                 | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 336 |
| 18          | C13PCOOP      | Parents' Co-op Pay                                  | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 342 |
| 18          | C13PPENS      | Parents' Pension Payments                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 348 |
| 18          | C13PIRA       | Parents' IRA Payments                               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 354 |
| 18          | C13PCSUPR     | Parents' Child Support Received                     | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 360 |
| 18          | C13PINCINT    | Parents' Interest Income                            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 366 |
| 18          | C13PIRADIS    | Parents' IRA Distributions                          | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 372 |
| 18          | C13PUPEN      | Parents' Untaxed Pensions                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 378 |
| 18          | C13PMILIT     | Parents' Military/Clergy Allowances                 | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 384 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 18          | C13PVETBE     | Parents' Veterans Noneducation Benefits             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 390 |
| 18          | C13PINCOTH    | Parents' Other Untaxed Income                       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 396 |
| 18          | C13FAMNM      | Student's number of family members                  | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 402 |
| 18          | C13COLNM      | Student's number in college                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 404 |
| 18          | C13SSINC      | Student Supplemental Security Income Benefits       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 406 |
| 18          | C13FOOD       | Student Food Stamp Benefits                         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 408 |
| 18          | C13FREE       | Student Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 410 |
| 18          | C13TANF       | Student TANF Benefits                               | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 412 |
| 18          | C13WIC        | Student WIC Benefits                                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 414 |
| 18          | C13DISLW      | Student/Spouse Dislocated Worker                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 416 |
| 18          | C13SCH01      | Federal School code #1                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 418 |
| 18          | C13HPLN01     | Federal School code #1 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 424 |
| 18          | C13SCH02      | Federal School code #2                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 426 |
| 18          | C13HPLN02     | Federal School Code #2 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 432 |
| 18          | C13SCH03      | Federal School code #3                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 434 |
| 18          | C13HPLN03     | Federal School Code #3 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 440 |
| 18          | C13SCH04      | Federal School code #4                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 442 |
| 18          | C13HPLN04     | Federal School Code #4 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 448 |
| 18          | C13SCH05      | Federal School code #5                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 450 |
| 18          | C13HPLN05     | Federal School Code #5 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 456 |
| 18          | C13SCH06      | Federal School code #6                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 458 |
| 18          | C13HPLN06     | Federal School Code #6 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 464 |
| 18          | C13SCH07      | Federal School code #7                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 466 |
| 18          | C13HPLN07     | Federal School Code #7 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 472 |
| 18          | C13SCH08      | Federal School code #8                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 474 |
| 18          | C13HPLN08     | Federal School Code #8 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 480 |
| 18          | C13SCH09      | Federal School code #9                              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 482 |
| 18          | C13HPLN09     | Federal School Code #9 Housing Plans                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 488 |
| 18          | C13SCH10      | Federal School code #10                             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 490 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                          | Section Description   | Position           |
|-------------|---------------|-----------------------------------------|-----------------------|--------------------|
| 18          | C13HPLN10     | Federal School Code #10 Housing Plans   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 496 |
| 18          | C13APPD       | Date application completed              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 498 |
| 18          | C13DEPN       | Dependency status                       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 506 |
| 18          | C13TRNSRC     | Transaction Data Source/Type Code       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 508 |
| 18          | C13IRS        | Student IRS Request Flag                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 510 |
| 18          | C13PIRS       | Student IRS Request Flag                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 512 |
| 18          | C13SATE       | Student Asset Threshold Exceeded        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 514 |
| 18          | C13JUDG       | Professional judgment                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 516 |
| 18          | C13APPSRC     | Application data source/type code       | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 518 |
| 18          | C13APPDTR     | Application receipt date                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 520 |
| 18          | C13GRAD       | Graduate flag                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 528 |
| 18          | C13PELL       | Pell grant eligibility flag             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 530 |
| 18          | C13TRNDT      | Transaction Processed Date              | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 532 |
| 18          | C13EFCZR      | Automatic zero EFC                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 540 |
| 18          | C13SNT        | Simplified needs test (SNT)             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 542 |
| 18          | C13STXSTA     | Student's calculated 2011 tax status    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 544 |
| 18          | C13HSFLG      | High School Flag                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 546 |
| 18          | C13EFCP       | Primary EFC                             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 548 |
| 18          | C13EFCS       | Secondary EFC                           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 553 |
| 18          | C13EFCPT      | Primary EFC type                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 558 |
| 18          | C13EFCST      | Secondary EFC type                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 560 |
| 18          | C13TI         | TI: Total Income                        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 562 |
| 18          | C13ATI        | ATI: Allowances Against Total Income    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 569 |
| 18          | C13STX        | STX: State Tax Allowance                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 576 |
| 18          | C13EA         | EA: Employment Allowance                | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 583 |
| 18          | C13IPA        | IPA: Income Protection Allowance        | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 590 |
| 18          | C13AI         | AI: Available Income                    | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 597 |
| 18          | C13CAI        | CAI: Contribution from available income | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 604 |
| 18          | C13DNW        | DNW: Discretionary Net Worth            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 611 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description   | Position           |
|-------------|---------------|-------------------------------------------|-----------------------|--------------------|
| 18          | C13NW         | NW: Net Worth                             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 620 |
| 18          | C13APA        | APA: Asset Protection Allowance           | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 629 |
| 18          | C13AAI        | AAI: Adjusted Available Income            | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 638 |
| 18          | C13TSC        | TSC: Total Student's Contribution         | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 645 |
| 18          | C13SATI       | SATI: Student's Allow Agnst Total Income  | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 652 |
| 18          | C13SIC        | SIC: Dependent Student's Inc Contribution | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 659 |
| 18          | C13SDNW       | SDNW: Student's Discretionary Net Worth   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 666 |
| 18          | C13SCA        | SCA: Student's Contribution from Assets   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 675 |
| 18          | C13FTI        | FTI: FISAP total income                   | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 682 |
| 18          | C13SSACIT     | SSA citizenship flag                      | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 689 |
| 18          | C13VA         | VA match flag                             | CPS (FAFSA) 2012-2013 | Rec #: 1, Pos: 691 |
| 19          | STU_ID        | Student ID                                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 1   |
| 19          | C14TRNNM      | Transaction number                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 7   |
| 19          | C14DRIVST     | Student's Driver's License State Code     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 9   |
| 19          | C14CITZN      | Student's citizenship status              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 11  |
| 19          | C14MARR       | Student's marital status                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 13  |
| 19          | C14MARDT      | Student's marital status date             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 15  |
| 19          | C14STATE      | Student's state of legal residence        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 21  |
| 19          | C14RES        | Student legal resident before 1-1-2008?   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 23  |
| 19          | C14RESDT      | Student's legal residence date            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 25  |
| 19          | C14GENDR      | Are you male or female?                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 31  |
| 19          | C14DADED      | Father's highest grade level completed    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 33  |
| 19          | C14MOMED      | Mother's highest grade level completed    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 35  |
| 19          | C14HSDIP      | HS diploma or Equivalent                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 37  |
| 19          | C14HSCOD      | High School Code                          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 39  |
| 19          | C14FIRBA      | First bachelor degree by 7/1/2013?        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 51  |
| 19          | C14GRDLVL     | Grade level in college                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 53  |
| 19          | C14DEG        | Degree/certificate                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 55  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description   | Position           |
|-------------|---------------|--------------------------------------------|-----------------------|--------------------|
| 19          | C14WRKS       | Interested in Work-Study or Student Loans? | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 57  |
| 19          | C14TAX        | Student's tax return completed?            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 59  |
| 19          | C14TXTY       | Student's type of 2012 tax form used       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 61  |
| 19          | C14TXEZ       | Student eligible to file 1040A or 1040EZ   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 63  |
| 19          | C14TXAGI      | Student's adj gross inc on IRS form        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 65  |
| 19          | C14TXPD       | Student's US income tax paid               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 71  |
| 19          | C14TXCLM      | Student's exemptions claimed               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 76  |
| 19          | C14INC        | Student's income earned from work          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 78  |
| 19          | C14INCSP      | Spouse's income earned from work           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 84  |
| 19          | C14CASH       | Student's cash, savings, checking          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 90  |
| 19          | C14INVT       | Student's investment net worth             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 96  |
| 19          | C14BUS        | Student's business and/or farm net worth   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 102 |
| 19          | C14EDCRD      | Student's Educational Credits              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 108 |
| 19          | C14CSUPP      | Student's Child Support Paid               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 114 |
| 19          | C14NDEMP      | Student's Need-Based Employment            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 120 |
| 19          | C14GRANT      | Student's Grant/Scholarship Aid            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 126 |
| 19          | C14COMPAY     | Student's Combat Pay                       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 132 |
| 19          | C14COOP       | Student's Co-op Pay                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 138 |
| 19          | C14PENS       | Student's Pension Payments                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 144 |
| 19          | C14IRA        | Student's IRA Payments                     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 150 |
| 19          | C14CSUPR      | Student's Child Support Received           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 156 |
| 19          | C14INCINT     | Student's Interest Income                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 162 |
| 19          | C14IRADIS     | Student's IRA Distributions                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 168 |
| 19          | C14UPEN       | Student's Untaxed Pensions                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 174 |
| 19          | C14MILIT      | Student's Military/Clergy Allowances       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 180 |
| 19          | C14VETBE      | Student's Veterans Noneducation Benefits   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 186 |
| 19          | C14INCOTH     | Student's Other Untaxed Income             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 192 |
| 19          | C14ONREP      | Student's Other Non-Reported Money         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 198 |
| 19          | C14BORN       | Born before 1/1/1989?                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 204 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------|-----------------------|--------------------|
| 19          | C14MAR        | Is student married?                           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 206 |
| 19          | C14MSDOC      | Working on a Master's or Doctorate Program?   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 208 |
| 19          | C14ACTDUTY    | Are you on active duty in U.S Armed Forces?   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 210 |
| 19          | C14VET        | Veteran of US armed forces?                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 212 |
| 19          | C14DEPS       | Have children you support?                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 214 |
| 19          | C14DEPO       | Have legal dep other than child/spouse?       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 216 |
| 19          | C14ORPH       | Orphan, Ward of Court, or Foster Care         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 218 |
| 19          | C14MINOR      | As of today, an emancipated minor?            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 220 |
| 19          | C14GUARD      | As of today, in legal guardianship?           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 222 |
| 19          | C14SCHLIA     | Unaccompanied youth determ by school liaison? | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 224 |
| 19          | C14HUD        | Unaccompanied youth determined by HUD?        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 226 |
| 19          | C14HOMELS     | At risk of homelessness?                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 228 |
| 19          | C14PARST      | Parents' marital status                       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 230 |
| 19          | C14PMARDT     | Parents' marital status date                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 232 |
| 19          | C14PSTATE     | Parents' state of legal residence             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 236 |
| 19          | C14PRES       | Parents' legal residents before 1-1-2008?     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 238 |
| 19          | C14PLEGDT     | Parents' legal residence date                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 240 |
| 19          | C14PFAMNM     | Parents' number of family members             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 246 |
| 19          | C14PCOLNM     | Parents' number in college                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 248 |
| 19          | C14PSSINC     | Parent' Supplemental Security Income Benefits | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 250 |
| 19          | C14PFOOD      | Parent' Food Stamp Benefits                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 252 |
| 19          | C14PTANF      | Parent' TANF Benefits                         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 254 |
| 19          | C14PTAX       | Parents' tax return completed?                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 256 |
| 19          | C14PTXTY      | Parents' type of 2012 tax form used           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 258 |
| 19          | C14PTXEZ      | Parents' eligible to file 1040A or 1040EZ     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 260 |
| 19          | C14PDISLW     | Parent dislocated worker                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 262 |
| 19          | C14PTXAGI     | Parents' adjusted gross income                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 264 |
| 19          | C14PTXPD      | Parents' US income tax paid                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 270 |
| 19          | C14PTXCLM     | Parents' exemptions claimed                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 276 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                      | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------------|-----------------------|--------------------|
| 19          | C14FINC       | Father's income earned from work                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 278 |
| 19          | C14MINC       | Mother's income earned from work                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 284 |
| 19          | C14PCASH      | Parents' cash, savings, checking                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 290 |
| 19          | C14PINVT      | Parents' investment net worth                       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 296 |
| 19          | C14PBUS       | Parents' business and/or farm net worth             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 302 |
| 19          | C14PEDCRD     | Parents' Educational Credits                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 308 |
| 19          | C14PCSUPP     | Parents' Child Support Paid                         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 314 |
| 19          | C14PNDEMP     | Parents' Need-Based Employment                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 320 |
| 19          | C14PGRANT     | Parents' Grant/Scholarship Aid                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 326 |
| 19          | C14PCOMPAY    | Parents' Combat Pay                                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 332 |
| 19          | C14PCOOP      | Parents' Co-op Pay                                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 338 |
| 19          | C14PPENS      | Parents' Pension Payments                           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 344 |
| 19          | C14PIRA       | Parents' IRA Payments                               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 350 |
| 19          | C14PCSUPR     | Parents' Child Support Received                     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 356 |
| 19          | C14PINCINT    | Parents' Interest Income                            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 362 |
| 19          | C14PIRADIS    | Parents' IRA Distributions                          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 368 |
| 19          | C14PUPEN      | Parents' Untaxed Pensions                           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 374 |
| 19          | C14PMILIT     | Parents' Military/Clergy Allowances                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 380 |
| 19          | C14PVETBE     | Parents' Veterans Noneducation Benefits             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 386 |
| 19          | C14PINCOTH    | Parents' Other Untaxed Income                       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 392 |
| 19          | C14FAMNM      | Student's number of family members                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 398 |
| 19          | C14COLNM      | Student's number in college                         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 400 |
| 19          | C14SSINC      | Student Supplemental Security Income Benefits       | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 402 |
| 19          | C14FOOD       | Student Food Stamp Benefits                         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 404 |
| 19          | C14FREE       | Student Free or Reduced Price School Lunch Benefits | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 406 |
| 19          | C14TANF       | Student TANF Benefits                               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 408 |
| 19          | C14WIC        | Student WIC Benefits                                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 410 |
| 19          | C14DISLW      | Student/Spouse Dislocated Worker                    | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 412 |
| 19          | C14SCH01      | Federal School code #1                              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 414 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                        | Section Description   | Position           |
|-------------|---------------|---------------------------------------|-----------------------|--------------------|
| 19          | C14HPLN01     | Federal School code #1 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 420 |
| 19          | C14SCH02      | Federal School code #2                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 422 |
| 19          | C14HPLN02     | Federal School Code #2 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 428 |
| 19          | C14SCH03      | Federal School code #3                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 430 |
| 19          | C14HPLN03     | Federal School Code #3 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 436 |
| 19          | C14SCH04      | Federal School code #4                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 438 |
| 19          | C14HPLN04     | Federal School Code #4 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 444 |
| 19          | C14SCH05      | Federal School code #5                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 446 |
| 19          | C14HPLN05     | Federal School Code #5 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 452 |
| 19          | C14SCH06      | Federal School code #6                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 454 |
| 19          | C14HPLN06     | Federal School Code #6 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 460 |
| 19          | C14SCH07      | Federal School code #7                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 462 |
| 19          | C14HPLN07     | Federal School Code #7 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 468 |
| 19          | C14SCH08      | Federal School code #8                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 470 |
| 19          | C14HPLN08     | Federal School Code #8 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 476 |
| 19          | C14SCH09      | Federal School code #9                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 478 |
| 19          | C14HPLN09     | Federal School Code #9 Housing Plans  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 484 |
| 19          | C14SCH10      | Federal School code #10               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 486 |
| 19          | C14HPLN10     | Federal School Code #10 Housing Plans | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 492 |
| 19          | C14AP PDT     | Date application completed            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 494 |
| 19          | C14DEPEN      | Dependency status                     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 502 |
| 19          | C14TRNSRC     | Transaction Data Source/Type Code     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 504 |
| 19          | C14IRS        | Student IRS Request Flag              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 506 |
| 19          | C14PIRS       | Student IRS Request Flag              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 508 |
| 19          | C14SATE       | Student Asset Threshold Exceeded      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 510 |
| 19          | C14JUDG       | Professional judgment                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 512 |
| 19          | C14AP SRC     | Application data source/type code     | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 514 |
| 19          | C14AP DTR     | Application receipt date              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 516 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description   | Position           |
|-------------|---------------|-------------------------------------------|-----------------------|--------------------|
| 19          | C14GRAD       | Graduate flag                             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 524 |
| 19          | C14PELL       | Pell grant eligibility flag               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 526 |
| 19          | C14TRNDT      | Transaction Processed Date                | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 528 |
| 19          | C14EFCZR      | Automatic zero EFC                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 536 |
| 19          | C14SNT        | Simplified needs test (SNT)               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 538 |
| 19          | C14STXSTA     | Student's calculated 2012 tax status      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 540 |
| 19          | C14HSFLG      | High School Flag                          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 542 |
| 19          | C14EFCP       | Primary EFC                               | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 544 |
| 19          | C14EFCS       | Secondary EFC                             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 549 |
| 19          | C14EFCPT      | Primary EFC type                          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 554 |
| 19          | C14EFCST      | Secondary EFC type                        | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 556 |
| 19          | C14TI         | TI: Total Income                          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 558 |
| 19          | C14ATI        | ATI: Allowances Against Total Income      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 565 |
| 19          | C14STX        | STX: State Tax Allowance                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 572 |
| 19          | C14EA         | EA: Employment Allowance                  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 579 |
| 19          | C14IPA        | IPA: Income Protection Allowance          | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 586 |
| 19          | C14AI         | AI: Available Income                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 593 |
| 19          | C14CAI        | CAI: Contribution from available income   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 600 |
| 19          | C14DNW        | DNW: Discretionary Net Worth              | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 607 |
| 19          | C14NW         | NW: Net Worth                             | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 616 |
| 19          | C14APA        | APA: Asset Protection Allowance           | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 625 |
| 19          | C14AAI        | AAI: Adjusted Available Income            | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 634 |
| 19          | C14TSC        | TSC: Total Student's Contribution         | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 641 |
| 19          | C14SATI       | SATI: Student's Allow Agnst Total Income  | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 648 |
| 19          | C14SIC        | SIC: Dependent Student's Inc Contribution | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 655 |
| 19          | C14SDNW       | SDNW: Student's Discretionary Net Worth   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 662 |
| 19          | C14SCA        | SCA: Student's Contribution from Assets   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 671 |
| 19          | C14FTI        | FTI: FISAP total income                   | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 678 |
| 19          | C14SSACIT     | SSA citizenship flag                      | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 685 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description   | Position           |
|-------------|---------------|-----------------------------------------------|-----------------------|--------------------|
| 19          | C14VA         | VA match flag                                 | CPS (FAFSA) 2013-2014 | Rec #: 1, Pos: 687 |
| 9           | STU_ID        | Student ID                                    | Pell                  | Rec #: 1, Pos: 1   |
| 9           | PGM           | Pell Grant type                               | Pell                  | Rec #: 1, Pos: 7   |
| 9           | PDATE1        | Pell grant enrollment begin                   | Pell                  | Rec #: 1, Pos: 9   |
| 9           | PLYEAR        | Award Year                                    | Pell                  | Rec #: 1, Pos: 17  |
| 9           | PLBR1         | Pell branch code - reporting institution      | Pell                  | Rec #: 1, Pos: 21  |
| 9           | PLBR2         | Pell branch code - attending institution      | Pell                  | Rec #: 1, Pos: 23  |
| 9           | PLSCHL1       | Reporting institution code (OPEID)            | Pell                  | Rec #: 1, Pos: 25  |
| 9           | PLAMTSCH      | Pell grant scheduled amount                   | Pell                  | Rec #: 1, Pos: 31  |
| 9           | PLAMTP1       | Pell grant paid amount                        | Pell                  | Rec #: 1, Pos: 37  |
| 9           | PLAMTP2       | Pell grant remaining                          | Pell                  | Rec #: 1, Pos: 43  |
| 9           | PLEFC         | Pell grant EFC                                | Pell                  | Rec #: 1, Pos: 49  |
| 9           | PLCOST1       | Pell cost of attendance                       | Pell                  | Rec #: 1, Pos: 55  |
| 9           | PLSCHL2       | Attending institution code (OPEID)            | Pell                  | Rec #: 1, Pos: 61  |
| 9           | PELLYR        | Accepted Academic calendar                    | Pell                  | Rec #: 1, Pos: 67  |
| 9           | PELLENRL      | Accepted enrollment status code               | Pell                  | Rec #: 1, Pos: 69  |
| 9           | PELLEVEL      | Students grade level submitted by school      | Pell                  | Rec #: 1, Pos: 71  |
| 9           | PELLCIP       | Classification of instructional programs code | Pell                  | Rec #: 1, Pos: 73  |
| 9           | PELLHS        | High school program code                      | Pell                  | Rec #: 1, Pos: 80  |
| 10          | STU_ID        | Student ID                                    | Loan                  | Rec #: 1, Pos: 1   |
| 10          | ACADLVL       | Academic level                                | Loan                  | Rec #: 1, Pos: 7   |
| 10          | BEGDATE       | Loan period begin date                        | Loan                  | Rec #: 1, Pos: 9   |
| 10          | BRNCHCOD      | School branch code                            | Loan                  | Rec #: 1, Pos: 17  |
| 10          | ENDDATE       | Loan period end date                          | Loan                  | Rec #: 1, Pos: 19  |
| 10          | LNSTDATE      | Current loan status date                      | Loan                  | Rec #: 1, Pos: 27  |
| 10          | LOANNUM       | Loan composite number                         | Loan                  | Rec #: 1, Pos: 35  |
| 10          | LOANDATE      | Loan guaranteed date                          | Loan                  | Rec #: 1, Pos: 47  |
| 10          | LOANSTAT      | Current loan status                           | Loan                  | Rec #: 1, Pos: 55  |
| 10          | LOANTYPE      | Loan type                                     | Loan                  | Rec #: 1, Pos: 57  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                    | Section Description | Position           |
|-------------|---------------|-------------------------------------------------------------------|---------------------|--------------------|
| 10          | OUTSTAND      | Outstanding principal balance                                     | Loan                | Rec #: 1, Pos: 59  |
| 10          | OUTSTDAT      | Outstanding principal balance date                                | Loan                | Rec #: 1, Pos: 65  |
| 10          | SCHCODE       | Title IV school code (OPEID)                                      | Loan                | Rec #: 1, Pos: 73  |
| 10          | SEQNO         | Record sequence number                                            | Loan                | Rec #: 1, Pos: 79  |
| 10          | TOTDIS        | Total amount disbursed                                            | Loan                | Rec #: 1, Pos: 83  |
| 10          | OUTINT        | Outstanding interest balance                                      | Loan                | Rec #: 1, Pos: 89  |
| 10          | OUTINDAT      | Outstanding interest balance date                                 | Loan                | Rec #: 1, Pos: 95  |
| 10          | DEFERTYP      | Current Deferment Type                                            | Loan                | Rec #: 1, Pos: 103 |
| 10          | DEFSTART      | Current Deferment Start Date                                      | Loan                | Rec #: 1, Pos: 105 |
| 10          | DEFSTOP       | Current Deferment Stop Date                                       | Loan                | Rec #: 1, Pos: 113 |
| 10          | FORBRTYP      | Loan Forbearance Type                                             | Loan                | Rec #: 1, Pos: 121 |
| 10          | FORBRDAT      | Starting Date of the Loan Forbearance Type                        | Loan                | Rec #: 1, Pos: 123 |
| 11          | STU_ID        | Student ID                                                        | GED Testing Program | Rec #: 1, Pos: 1   |
| 11          | GEDSTATE      | State where candidate last took GED test                          | GED Testing Program | Rec #: 1, Pos: 7   |
| 11          | GEDPRACT      | Whether candidate took official practice test                     | GED Testing Program | Rec #: 1, Pos: 9   |
| 11          | GEDPASSD      | Whether candidate passed GED test                                 | GED Testing Program | Rec #: 1, Pos: 11  |
| 11          | GEDPASDT      | Date passed GED test                                              | GED Testing Program | Rec #: 1, Pos: 13  |
| 11          | GEDRSN01      | Took GED test to enroll in tech/trade program                     | GED Testing Program | Rec #: 1, Pos: 19  |
| 11          | GEDRSN02      | Took GED test to enter 2-year college                             | GED Testing Program | Rec #: 1, Pos: 21  |
| 11          | GEDRSN03      | Took GED test to enter 4-year college                             | GED Testing Program | Rec #: 1, Pos: 23  |
| 11          | GEDRSN04      | Took GED test for job training                                    | GED Testing Program | Rec #: 1, Pos: 25  |
| 11          | GEDRSN05      | Took GED test to get first job or better job                      | GED Testing Program | Rec #: 1, Pos: 27  |
| 11          | GEDRSN06      | Took GED test to keep current job or satisfy employer requirement | GED Testing Program | Rec #: 1, Pos: 29  |
| 11          | GEDRSN07      | Took GED test to gain military entrance or for military career    | GED Testing Program | Rec #: 1, Pos: 31  |
| 11          | GEDRSN08      | Took GED test to be a role model for family                       | GED Testing Program | Rec #: 1, Pos: 33  |
| 11          | GEDRSN09      | Took GED test for personal satisfaction                           | GED Testing Program | Rec #: 1, Pos: 35  |
| 11          | GEDRSN10      | Took GED test for some other reason                               | GED Testing Program | Rec #: 1, Pos: 37  |
| 11          | GEDLRN01      | First learned about GED from friend/family                        | GED Testing Program | Rec #: 1, Pos: 39  |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                         | Section Description          | Position          |
|-------------|---------------|------------------------------------------------------------------------|------------------------------|-------------------|
| 11          | GEDLRN02      | First learned about GED from classmate                                 | GED Testing Program          | Rec #: 1, Pos: 41 |
| 11          | GEDLRN03      | First learned about GED from counselor/teacher                         | GED Testing Program          | Rec #: 1, Pos: 43 |
| 11          | GEDLRN04      | First learned about GED through the media                              | GED Testing Program          | Rec #: 1, Pos: 45 |
| 11          | GEDLRN05      | First learned about GED from some other source                         | GED Testing Program          | Rec #: 1, Pos: 47 |
| 11          | GEDPRP01      | Prepared for GED test through public school adult education class      | GED Testing Program          | Rec #: 1, Pos: 49 |
| 11          | GEDPRP02      | Prepared for GED test through community college adult education class  | GED Testing Program          | Rec #: 1, Pos: 51 |
| 11          | GEDPRP03      | Prepared for GED test through internet/computer                        | GED Testing Program          | Rec #: 1, Pos: 53 |
| 11          | GEDPRP04      | Prepared for GED test through home study/schooling or family literacy  | GED Testing Program          | Rec #: 1, Pos: 55 |
| 11          | GEDPRP05      | Prepared for GED test through official practice test                   | GED Testing Program          | Rec #: 1, Pos: 57 |
| 11          | GEDPRP06      | Prepared for GED test through library                                  | GED Testing Program          | Rec #: 1, Pos: 59 |
| 11          | GEDPRP07      | Prepared for GED test through GED Option program                       | GED Testing Program          | Rec #: 1, Pos: 61 |
| 11          | GEDPRP08      | Prepared for GED test through job corps or employment/training program | GED Testing Program          | Rec #: 1, Pos: 63 |
| 11          | GEDPRP09      | Prepared for GED test by self-teaching                                 | GED Testing Program          | Rec #: 1, Pos: 65 |
| 11          | GEDPRP10      | Prepared for GED test in some other way                                | GED Testing Program          | Rec #: 1, Pos: 67 |
| 11          | GEDPRP11      | Did not prepare for GED test                                           | GED Testing Program          | Rec #: 1, Pos: 69 |
| 12          | STU_ID        | Student ID                                                             | BY Student Weight Replicates | Rec #: 1, Pos: 1  |
| 12          | BYSTUWT       | Student weight                                                         | BY Student Weight Replicates | Rec #: 1, Pos: 7  |
| 12          | BYSTU1        | BRR BY student weight for replicate 1                                  | BY Student Weight Replicates | Rec #: 1, Pos: 17 |
| 12          | BYSTU2        | BRR BY student weight for replicate 2                                  | BY Student Weight Replicates | Rec #: 1, Pos: 27 |
| 12          | BYSTU3        | BRR BY student weight for replicate 3                                  | BY Student Weight Replicates | Rec #: 1, Pos: 37 |
| 12          | BYSTU4        | BRR BY student weight for replicate 4                                  | BY Student Weight Replicates | Rec #: 1, Pos: 47 |
| 12          | BYSTU5        | BRR BY student weight for replicate 5                                  | BY Student Weight Replicates | Rec #: 1, Pos: 57 |
| 12          | BYSTU6        | BRR BY student weight for replicate 6                                  | BY Student Weight Replicates | Rec #: 1, Pos: 67 |
| 12          | BYSTU7        | BRR BY student weight for replicate 7                                  | BY Student Weight Replicates | Rec #: 1, Pos: 77 |
| 12          | BYSTU8        | BRR BY student weight for replicate 8                                  | BY Student Weight Replicates | Rec #: 1, Pos: 87 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                         | Section Description          | Position           |
|-------------|---------------|----------------------------------------|------------------------------|--------------------|
| 12          | BYSTU9        | BRR BY student weight for replicate 9  | BY Student Weight Replicates | Rec #: 1, Pos: 97  |
| 12          | BYSTU10       | BRR BY student weight for replicate 10 | BY Student Weight Replicates | Rec #: 1, Pos: 107 |
| 12          | BYSTU11       | BRR BY student weight for replicate 11 | BY Student Weight Replicates | Rec #: 1, Pos: 117 |
| 12          | BYSTU12       | BRR BY student weight for replicate 12 | BY Student Weight Replicates | Rec #: 1, Pos: 127 |
| 12          | BYSTU13       | BRR BY student weight for replicate 13 | BY Student Weight Replicates | Rec #: 1, Pos: 137 |
| 12          | BYSTU14       | BRR BY student weight for replicate 14 | BY Student Weight Replicates | Rec #: 1, Pos: 147 |
| 12          | BYSTU15       | BRR BY student weight for replicate 15 | BY Student Weight Replicates | Rec #: 1, Pos: 157 |
| 12          | BYSTU16       | BRR BY student weight for replicate 16 | BY Student Weight Replicates | Rec #: 1, Pos: 167 |
| 12          | BYSTU17       | BRR BY student weight for replicate 17 | BY Student Weight Replicates | Rec #: 1, Pos: 177 |
| 12          | BYSTU18       | BRR BY student weight for replicate 18 | BY Student Weight Replicates | Rec #: 1, Pos: 187 |
| 12          | BYSTU19       | BRR BY student weight for replicate 19 | BY Student Weight Replicates | Rec #: 1, Pos: 197 |
| 12          | BYSTU20       | BRR BY student weight for replicate 20 | BY Student Weight Replicates | Rec #: 1, Pos: 207 |
| 12          | BYSTU21       | BRR BY student weight for replicate 21 | BY Student Weight Replicates | Rec #: 1, Pos: 217 |
| 12          | BYSTU22       | BRR BY student weight for replicate 22 | BY Student Weight Replicates | Rec #: 1, Pos: 227 |
| 12          | BYSTU23       | BRR BY student weight for replicate 23 | BY Student Weight Replicates | Rec #: 1, Pos: 237 |
| 12          | BYSTU24       | BRR BY student weight for replicate 24 | BY Student Weight Replicates | Rec #: 1, Pos: 247 |
| 12          | BYSTU25       | BRR BY student weight for replicate 25 | BY Student Weight Replicates | Rec #: 1, Pos: 257 |
| 12          | BYSTU26       | BRR BY student weight for replicate 26 | BY Student Weight Replicates | Rec #: 1, Pos: 267 |
| 12          | BYSTU27       | BRR BY student weight for replicate 27 | BY Student Weight Replicates | Rec #: 1, Pos: 277 |
| 12          | BYSTU28       | BRR BY student weight for replicate 28 | BY Student Weight Replicates | Rec #: 1, Pos: 287 |
| 12          | BYSTU29       | BRR BY student weight for replicate 29 | BY Student Weight Replicates | Rec #: 1, Pos: 297 |
| 12          | BYSTU30       | BRR BY student weight for replicate 30 | BY Student Weight Replicates | Rec #: 1, Pos: 307 |
| 12          | BYSTU31       | BRR BY student weight for replicate 31 | BY Student Weight Replicates | Rec #: 1, Pos: 317 |
| 12          | BYSTU32       | BRR BY student weight for replicate 32 | BY Student Weight Replicates | Rec #: 1, Pos: 327 |
| 12          | BYSTU33       | BRR BY student weight for replicate 33 | BY Student Weight Replicates | Rec #: 1, Pos: 337 |
| 12          | BYSTU34       | BRR BY student weight for replicate 34 | BY Student Weight Replicates | Rec #: 1, Pos: 347 |
| 12          | BYSTU35       | BRR BY student weight for replicate 35 | BY Student Weight Replicates | Rec #: 1, Pos: 357 |
| 12          | BYSTU36       | BRR BY student weight for replicate 36 | BY Student Weight Replicates | Rec #: 1, Pos: 367 |
| 12          | BYSTU37       | BRR BY student weight for replicate 37 | BY Student Weight Replicates | Rec #: 1, Pos: 377 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                         | Section Description          | Position           |
|-------------|---------------|----------------------------------------|------------------------------|--------------------|
| 12          | BYSTU38       | BRR BY student weight for replicate 38 | BY Student Weight Replicates | Rec #: 1, Pos: 387 |
| 12          | BYSTU39       | BRR BY student weight for replicate 39 | BY Student Weight Replicates | Rec #: 1, Pos: 397 |
| 12          | BYSTU40       | BRR BY student weight for replicate 40 | BY Student Weight Replicates | Rec #: 1, Pos: 407 |
| 12          | BYSTU41       | BRR BY student weight for replicate 41 | BY Student Weight Replicates | Rec #: 1, Pos: 417 |
| 12          | BYSTU42       | BRR BY student weight for replicate 42 | BY Student Weight Replicates | Rec #: 1, Pos: 427 |
| 12          | BYSTU43       | BRR BY student weight for replicate 43 | BY Student Weight Replicates | Rec #: 1, Pos: 437 |
| 12          | BYSTU44       | BRR BY student weight for replicate 44 | BY Student Weight Replicates | Rec #: 1, Pos: 447 |
| 12          | BYSTU45       | BRR BY student weight for replicate 45 | BY Student Weight Replicates | Rec #: 1, Pos: 457 |
| 12          | BYSTU46       | BRR BY student weight for replicate 46 | BY Student Weight Replicates | Rec #: 1, Pos: 467 |
| 12          | BYSTU47       | BRR BY student weight for replicate 47 | BY Student Weight Replicates | Rec #: 1, Pos: 477 |
| 12          | BYSTU48       | BRR BY student weight for replicate 48 | BY Student Weight Replicates | Rec #: 1, Pos: 487 |
| 12          | BYSTU49       | BRR BY student weight for replicate 49 | BY Student Weight Replicates | Rec #: 1, Pos: 497 |
| 12          | BYSTU50       | BRR BY student weight for replicate 50 | BY Student Weight Replicates | Rec #: 1, Pos: 507 |
| 12          | BYSTU51       | BRR BY student weight for replicate 51 | BY Student Weight Replicates | Rec #: 1, Pos: 517 |
| 12          | BYSTU52       | BRR BY student weight for replicate 52 | BY Student Weight Replicates | Rec #: 1, Pos: 527 |
| 12          | BYSTU53       | BRR BY student weight for replicate 53 | BY Student Weight Replicates | Rec #: 1, Pos: 537 |
| 12          | BYSTU54       | BRR BY student weight for replicate 54 | BY Student Weight Replicates | Rec #: 1, Pos: 547 |
| 12          | BYSTU55       | BRR BY student weight for replicate 55 | BY Student Weight Replicates | Rec #: 1, Pos: 557 |
| 12          | BYSTU56       | BRR BY student weight for replicate 56 | BY Student Weight Replicates | Rec #: 1, Pos: 567 |
| 12          | BYSTU57       | BRR BY student weight for replicate 57 | BY Student Weight Replicates | Rec #: 1, Pos: 577 |
| 12          | BYSTU58       | BRR BY student weight for replicate 58 | BY Student Weight Replicates | Rec #: 1, Pos: 587 |
| 12          | BYSTU59       | BRR BY student weight for replicate 59 | BY Student Weight Replicates | Rec #: 1, Pos: 597 |
| 12          | BYSTU60       | BRR BY student weight for replicate 60 | BY Student Weight Replicates | Rec #: 1, Pos: 607 |
| 12          | BYSTU61       | BRR BY student weight for replicate 61 | BY Student Weight Replicates | Rec #: 1, Pos: 617 |
| 12          | BYSTU62       | BRR BY student weight for replicate 62 | BY Student Weight Replicates | Rec #: 1, Pos: 627 |
| 12          | BYSTU63       | BRR BY student weight for replicate 63 | BY Student Weight Replicates | Rec #: 1, Pos: 637 |
| 12          | BYSTU64       | BRR BY student weight for replicate 64 | BY Student Weight Replicates | Rec #: 1, Pos: 647 |
| 12          | BYSTU65       | BRR BY student weight for replicate 65 | BY Student Weight Replicates | Rec #: 1, Pos: 657 |
| 12          | BYSTU66       | BRR BY student weight for replicate 66 | BY Student Weight Replicates | Rec #: 1, Pos: 667 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                         | Section Description          | Position           |
|-------------|---------------|----------------------------------------|------------------------------|--------------------|
| 12          | BYSTU67       | BRR BY student weight for replicate 67 | BY Student Weight Replicates | Rec #: 1, Pos: 677 |
| 12          | BYSTU68       | BRR BY student weight for replicate 68 | BY Student Weight Replicates | Rec #: 1, Pos: 687 |
| 12          | BYSTU69       | BRR BY student weight for replicate 69 | BY Student Weight Replicates | Rec #: 1, Pos: 697 |
| 12          | BYSTU70       | BRR BY student weight for replicate 70 | BY Student Weight Replicates | Rec #: 1, Pos: 707 |
| 12          | BYSTU71       | BRR BY student weight for replicate 71 | BY Student Weight Replicates | Rec #: 1, Pos: 717 |
| 12          | BYSTU72       | BRR BY student weight for replicate 72 | BY Student Weight Replicates | Rec #: 1, Pos: 727 |
| 12          | BYSTU73       | BRR BY student weight for replicate 73 | BY Student Weight Replicates | Rec #: 1, Pos: 737 |
| 12          | BYSTU74       | BRR BY student weight for replicate 74 | BY Student Weight Replicates | Rec #: 1, Pos: 747 |
| 12          | BYSTU75       | BRR BY student weight for replicate 75 | BY Student Weight Replicates | Rec #: 1, Pos: 757 |
| 12          | BYSTU76       | BRR BY student weight for replicate 76 | BY Student Weight Replicates | Rec #: 1, Pos: 767 |
| 12          | BYSTU77       | BRR BY student weight for replicate 77 | BY Student Weight Replicates | Rec #: 1, Pos: 777 |
| 12          | BYSTU78       | BRR BY student weight for replicate 78 | BY Student Weight Replicates | Rec #: 1, Pos: 787 |
| 12          | BYSTU79       | BRR BY student weight for replicate 79 | BY Student Weight Replicates | Rec #: 1, Pos: 797 |
| 12          | BYSTU80       | BRR BY student weight for replicate 80 | BY Student Weight Replicates | Rec #: 1, Pos: 807 |
| 12          | BYSTU81       | BRR BY student weight for replicate 81 | BY Student Weight Replicates | Rec #: 1, Pos: 817 |
| 12          | BYSTU82       | BRR BY student weight for replicate 82 | BY Student Weight Replicates | Rec #: 1, Pos: 827 |
| 12          | BYSTU83       | BRR BY student weight for replicate 83 | BY Student Weight Replicates | Rec #: 1, Pos: 837 |
| 12          | BYSTU84       | BRR BY student weight for replicate 84 | BY Student Weight Replicates | Rec #: 1, Pos: 847 |
| 12          | BYSTU85       | BRR BY student weight for replicate 85 | BY Student Weight Replicates | Rec #: 1, Pos: 857 |
| 12          | BYSTU86       | BRR BY student weight for replicate 86 | BY Student Weight Replicates | Rec #: 1, Pos: 867 |
| 12          | BYSTU87       | BRR BY student weight for replicate 87 | BY Student Weight Replicates | Rec #: 1, Pos: 877 |
| 12          | BYSTU88       | BRR BY student weight for replicate 88 | BY Student Weight Replicates | Rec #: 1, Pos: 887 |
| 12          | BYSTU89       | BRR BY student weight for replicate 89 | BY Student Weight Replicates | Rec #: 1, Pos: 897 |
| 12          | BYSTU90       | BRR BY student weight for replicate 90 | BY Student Weight Replicates | Rec #: 1, Pos: 907 |
| 12          | BYSTU91       | BRR BY student weight for replicate 91 | BY Student Weight Replicates | Rec #: 1, Pos: 917 |
| 12          | BYSTU92       | BRR BY student weight for replicate 92 | BY Student Weight Replicates | Rec #: 1, Pos: 927 |
| 12          | BYSTU93       | BRR BY student weight for replicate 93 | BY Student Weight Replicates | Rec #: 1, Pos: 937 |
| 12          | BYSTU94       | BRR BY student weight for replicate 94 | BY Student Weight Replicates | Rec #: 1, Pos: 947 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                          | Section Description          | Position            |
|-------------|---------------|-----------------------------------------|------------------------------|---------------------|
| 12          | BYSTU95       | BRR BY student weight for replicate 95  | BY Student Weight Replicates | Rec #: 1, Pos: 957  |
| 12          | BYSTU96       | BRR BY student weight for replicate 96  | BY Student Weight Replicates | Rec #: 1, Pos: 967  |
| 12          | BYSTU97       | BRR BY student weight for replicate 97  | BY Student Weight Replicates | Rec #: 1, Pos: 977  |
| 12          | BYSTU98       | BRR BY student weight for replicate 98  | BY Student Weight Replicates | Rec #: 1, Pos: 987  |
| 12          | BYSTU99       | BRR BY student weight for replicate 99  | BY Student Weight Replicates | Rec #: 1, Pos: 997  |
| 12          | BYSTU100      | BRR BY student weight for replicate 100 | BY Student Weight Replicates | Rec #: 1, Pos: 1007 |
| 12          | BYSTU101      | BRR BY student weight for replicate 101 | BY Student Weight Replicates | Rec #: 1, Pos: 1017 |
| 12          | BYSTU102      | BRR BY student weight for replicate 102 | BY Student Weight Replicates | Rec #: 1, Pos: 1027 |
| 12          | BYSTU103      | BRR BY student weight for replicate 103 | BY Student Weight Replicates | Rec #: 1, Pos: 1037 |
| 12          | BYSTU104      | BRR BY student weight for replicate 104 | BY Student Weight Replicates | Rec #: 1, Pos: 1047 |
| 12          | BYSTU105      | BRR BY student weight for replicate 105 | BY Student Weight Replicates | Rec #: 1, Pos: 1057 |
| 12          | BYSTU106      | BRR BY student weight for replicate 106 | BY Student Weight Replicates | Rec #: 1, Pos: 1067 |
| 12          | BYSTU107      | BRR BY student weight for replicate 107 | BY Student Weight Replicates | Rec #: 1, Pos: 1077 |
| 12          | BYSTU108      | BRR BY student weight for replicate 108 | BY Student Weight Replicates | Rec #: 1, Pos: 1087 |
| 12          | BYSTU109      | BRR BY student weight for replicate 109 | BY Student Weight Replicates | Rec #: 1, Pos: 1097 |
| 12          | BYSTU110      | BRR BY student weight for replicate 110 | BY Student Weight Replicates | Rec #: 1, Pos: 1107 |
| 12          | BYSTU111      | BRR BY student weight for replicate 111 | BY Student Weight Replicates | Rec #: 1, Pos: 1117 |
| 12          | BYSTU112      | BRR BY student weight for replicate 112 | BY Student Weight Replicates | Rec #: 1, Pos: 1127 |
| 12          | BYSTU113      | BRR BY student weight for replicate 113 | BY Student Weight Replicates | Rec #: 1, Pos: 1137 |
| 12          | BYSTU114      | BRR BY student weight for replicate 114 | BY Student Weight Replicates | Rec #: 1, Pos: 1147 |
| 12          | BYSTU115      | BRR BY student weight for replicate 115 | BY Student Weight Replicates | Rec #: 1, Pos: 1157 |
| 12          | BYSTU116      | BRR BY student weight for replicate 116 | BY Student Weight Replicates | Rec #: 1, Pos: 1167 |
| 12          | BYSTU117      | BRR BY student weight for replicate 117 | BY Student Weight Replicates | Rec #: 1, Pos: 1177 |
| 12          | BYSTU118      | BRR BY student weight for replicate 118 | BY Student Weight Replicates | Rec #: 1, Pos: 1187 |
| 12          | BYSTU119      | BRR BY student weight for replicate 119 | BY Student Weight Replicates | Rec #: 1, Pos: 1197 |
| 12          | BYSTU120      | BRR BY student weight for replicate 120 | BY Student Weight Replicates | Rec #: 1, Pos: 1207 |
| 12          | BYSTU121      | BRR BY student weight for replicate 121 | BY Student Weight Replicates | Rec #: 1, Pos: 1217 |
| 12          | BYSTU122      | BRR BY student weight for replicate 122 | BY Student Weight Replicates | Rec #: 1, Pos: 1227 |
| 12          | BYSTU123      | BRR BY student weight for replicate 123 | BY Student Weight Replicates | Rec #: 1, Pos: 1237 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                          | Section Description          | Position            |
|-------------|---------------|-----------------------------------------|------------------------------|---------------------|
| 12          | BYSTU124      | BRR BY student weight for replicate 124 | BY Student Weight Replicates | Rec #: 1, Pos: 1247 |
| 12          | BYSTU125      | BRR BY student weight for replicate 125 | BY Student Weight Replicates | Rec #: 1, Pos: 1257 |
| 12          | BYSTU126      | BRR BY student weight for replicate 126 | BY Student Weight Replicates | Rec #: 1, Pos: 1267 |
| 12          | BYSTU127      | BRR BY student weight for replicate 127 | BY Student Weight Replicates | Rec #: 1, Pos: 1277 |
| 12          | BYSTU128      | BRR BY student weight for replicate 128 | BY Student Weight Replicates | Rec #: 1, Pos: 1287 |
| 12          | BYSTU129      | BRR BY student weight for replicate 129 | BY Student Weight Replicates | Rec #: 1, Pos: 1297 |
| 12          | BYSTU130      | BRR BY student weight for replicate 130 | BY Student Weight Replicates | Rec #: 1, Pos: 1307 |
| 12          | BYSTU131      | BRR BY student weight for replicate 131 | BY Student Weight Replicates | Rec #: 1, Pos: 1317 |
| 12          | BYSTU132      | BRR BY student weight for replicate 132 | BY Student Weight Replicates | Rec #: 1, Pos: 1327 |
| 12          | BYSTU133      | BRR BY student weight for replicate 133 | BY Student Weight Replicates | Rec #: 1, Pos: 1337 |
| 12          | BYSTU134      | BRR BY student weight for replicate 134 | BY Student Weight Replicates | Rec #: 1, Pos: 1347 |
| 12          | BYSTU135      | BRR BY student weight for replicate 135 | BY Student Weight Replicates | Rec #: 1, Pos: 1357 |
| 12          | BYSTU136      | BRR BY student weight for replicate 136 | BY Student Weight Replicates | Rec #: 1, Pos: 1367 |
| 12          | BYSTU137      | BRR BY student weight for replicate 137 | BY Student Weight Replicates | Rec #: 1, Pos: 1377 |
| 12          | BYSTU138      | BRR BY student weight for replicate 138 | BY Student Weight Replicates | Rec #: 1, Pos: 1387 |
| 12          | BYSTU139      | BRR BY student weight for replicate 139 | BY Student Weight Replicates | Rec #: 1, Pos: 1397 |
| 12          | BYSTU140      | BRR BY student weight for replicate 140 | BY Student Weight Replicates | Rec #: 1, Pos: 1407 |
| 12          | BYSTU141      | BRR BY student weight for replicate 141 | BY Student Weight Replicates | Rec #: 1, Pos: 1417 |
| 12          | BYSTU142      | BRR BY student weight for replicate 142 | BY Student Weight Replicates | Rec #: 1, Pos: 1427 |
| 12          | BYSTU143      | BRR BY student weight for replicate 143 | BY Student Weight Replicates | Rec #: 1, Pos: 1437 |
| 12          | BYSTU144      | BRR BY student weight for replicate 144 | BY Student Weight Replicates | Rec #: 1, Pos: 1447 |
| 12          | BYSTU145      | BRR BY student weight for replicate 145 | BY Student Weight Replicates | Rec #: 1, Pos: 1457 |
| 12          | BYSTU146      | BRR BY student weight for replicate 146 | BY Student Weight Replicates | Rec #: 1, Pos: 1467 |
| 12          | BYSTU147      | BRR BY student weight for replicate 147 | BY Student Weight Replicates | Rec #: 1, Pos: 1477 |
| 12          | BYSTU148      | BRR BY student weight for replicate 148 | BY Student Weight Replicates | Rec #: 1, Pos: 1487 |
| 12          | BYSTU149      | BRR BY student weight for replicate 149 | BY Student Weight Replicates | Rec #: 1, Pos: 1497 |
| 12          | BYSTU150      | BRR BY student weight for replicate 150 | BY Student Weight Replicates | Rec #: 1, Pos: 1507 |
| 12          | BYSTU151      | BRR BY student weight for replicate 151 | BY Student Weight Replicates | Rec #: 1, Pos: 1517 |
| 12          | BYSTU152      | BRR BY student weight for replicate 152 | BY Student Weight Replicates | Rec #: 1, Pos: 1527 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                          | Section Description          | Position            |
|-------------|---------------|-----------------------------------------|------------------------------|---------------------|
| 12          | BYSTU153      | BRR BY student weight for replicate 153 | BY Student Weight Replicates | Rec #: 1, Pos: 1537 |
| 12          | BYSTU154      | BRR BY student weight for replicate 154 | BY Student Weight Replicates | Rec #: 1, Pos: 1547 |
| 12          | BYSTU155      | BRR BY student weight for replicate 155 | BY Student Weight Replicates | Rec #: 1, Pos: 1557 |
| 12          | BYSTU156      | BRR BY student weight for replicate 156 | BY Student Weight Replicates | Rec #: 1, Pos: 1567 |
| 12          | BYSTU157      | BRR BY student weight for replicate 157 | BY Student Weight Replicates | Rec #: 1, Pos: 1577 |
| 12          | BYSTU158      | BRR BY student weight for replicate 158 | BY Student Weight Replicates | Rec #: 1, Pos: 1587 |
| 12          | BYSTU159      | BRR BY student weight for replicate 159 | BY Student Weight Replicates | Rec #: 1, Pos: 1597 |
| 12          | BYSTU160      | BRR BY student weight for replicate 160 | BY Student Weight Replicates | Rec #: 1, Pos: 1607 |
| 12          | BYSTU161      | BRR BY student weight for replicate 161 | BY Student Weight Replicates | Rec #: 1, Pos: 1617 |
| 12          | BYSTU162      | BRR BY student weight for replicate 162 | BY Student Weight Replicates | Rec #: 1, Pos: 1627 |
| 12          | BYSTU163      | BRR BY student weight for replicate 163 | BY Student Weight Replicates | Rec #: 1, Pos: 1637 |
| 12          | BYSTU164      | BRR BY student weight for replicate 164 | BY Student Weight Replicates | Rec #: 1, Pos: 1647 |
| 12          | BYSTU165      | BRR BY student weight for replicate 165 | BY Student Weight Replicates | Rec #: 1, Pos: 1657 |
| 12          | BYSTU166      | BRR BY student weight for replicate 166 | BY Student Weight Replicates | Rec #: 1, Pos: 1667 |
| 12          | BYSTU167      | BRR BY student weight for replicate 167 | BY Student Weight Replicates | Rec #: 1, Pos: 1677 |
| 12          | BYSTU168      | BRR BY student weight for replicate 168 | BY Student Weight Replicates | Rec #: 1, Pos: 1687 |
| 12          | BYSTU169      | BRR BY student weight for replicate 169 | BY Student Weight Replicates | Rec #: 1, Pos: 1697 |
| 12          | BYSTU170      | BRR BY student weight for replicate 170 | BY Student Weight Replicates | Rec #: 1, Pos: 1707 |
| 12          | BYSTU171      | BRR BY student weight for replicate 171 | BY Student Weight Replicates | Rec #: 1, Pos: 1717 |
| 12          | BYSTU172      | BRR BY student weight for replicate 172 | BY Student Weight Replicates | Rec #: 1, Pos: 1727 |
| 12          | BYSTU173      | BRR BY student weight for replicate 173 | BY Student Weight Replicates | Rec #: 1, Pos: 1737 |
| 12          | BYSTU174      | BRR BY student weight for replicate 174 | BY Student Weight Replicates | Rec #: 1, Pos: 1747 |
| 12          | BYSTU175      | BRR BY student weight for replicate 175 | BY Student Weight Replicates | Rec #: 1, Pos: 1757 |
| 12          | BYSTU176      | BRR BY student weight for replicate 176 | BY Student Weight Replicates | Rec #: 1, Pos: 1767 |
| 12          | BYSTU177      | BRR BY student weight for replicate 177 | BY Student Weight Replicates | Rec #: 1, Pos: 1777 |
| 12          | BYSTU178      | BRR BY student weight for replicate 178 | BY Student Weight Replicates | Rec #: 1, Pos: 1787 |
| 12          | BYSTU179      | BRR BY student weight for replicate 179 | BY Student Weight Replicates | Rec #: 1, Pos: 1797 |
| 12          | BYSTU180      | BRR BY student weight for replicate 180 | BY Student Weight Replicates | Rec #: 1, Pos: 1807 |
| 12          | BYSTU181      | BRR BY student weight for replicate 181 | BY Student Weight Replicates | Rec #: 1, Pos: 1817 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                              | Section Description          | Position            |
|-------------|---------------|---------------------------------------------|------------------------------|---------------------|
| 12          | BYSTU182      | BRR BY student weight for replicate 182     | BY Student Weight Replicates | Rec #: 1, Pos: 1827 |
| 12          | BYSTU183      | BRR BY student weight for replicate 183     | BY Student Weight Replicates | Rec #: 1, Pos: 1837 |
| 12          | BYSTU184      | BRR BY student weight for replicate 184     | BY Student Weight Replicates | Rec #: 1, Pos: 1847 |
| 12          | BYSTU185      | BRR BY student weight for replicate 185     | BY Student Weight Replicates | Rec #: 1, Pos: 1857 |
| 12          | BYSTU186      | BRR BY student weight for replicate 186     | BY Student Weight Replicates | Rec #: 1, Pos: 1867 |
| 12          | BYSTU187      | BRR BY student weight for replicate 187     | BY Student Weight Replicates | Rec #: 1, Pos: 1877 |
| 12          | BYSTU188      | BRR BY student weight for replicate 188     | BY Student Weight Replicates | Rec #: 1, Pos: 1887 |
| 12          | BYSTU189      | BRR BY student weight for replicate 189     | BY Student Weight Replicates | Rec #: 1, Pos: 1897 |
| 12          | BYSTU190      | BRR BY student weight for replicate 190     | BY Student Weight Replicates | Rec #: 1, Pos: 1907 |
| 12          | BYSTU191      | BRR BY student weight for replicate 191     | BY Student Weight Replicates | Rec #: 1, Pos: 1917 |
| 12          | BYSTU192      | BRR BY student weight for replicate 192     | BY Student Weight Replicates | Rec #: 1, Pos: 1927 |
| 12          | BYSTU193      | BRR BY student weight for replicate 193     | BY Student Weight Replicates | Rec #: 1, Pos: 1937 |
| 12          | BYSTU194      | BRR BY student weight for replicate 194     | BY Student Weight Replicates | Rec #: 1, Pos: 1947 |
| 12          | BYSTU195      | BRR BY student weight for replicate 195     | BY Student Weight Replicates | Rec #: 1, Pos: 1957 |
| 12          | BYSTU196      | BRR BY student weight for replicate 196     | BY Student Weight Replicates | Rec #: 1, Pos: 1967 |
| 12          | BYSTU197      | BRR BY student weight for replicate 197     | BY Student Weight Replicates | Rec #: 1, Pos: 1977 |
| 12          | BYSTU198      | BRR BY student weight for replicate 198     | BY Student Weight Replicates | Rec #: 1, Pos: 1987 |
| 12          | BYSTU199      | BRR BY student weight for replicate 199     | BY Student Weight Replicates | Rec #: 1, Pos: 1997 |
| 12          | BYSTU200      | BRR BY student weight for replicate 200     | BY Student Weight Replicates | Rec #: 1, Pos: 2007 |
| 12          | F1QWT         | Questionnaire weight for F1                 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2017 |
| 12          | F1Q1          | BRR F1 questionnaire weight for replicate 1 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2027 |
| 12          | F1Q2          | BRR F1 questionnaire weight for replicate 2 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2037 |
| 12          | F1Q3          | BRR F1 questionnaire weight for replicate 3 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2047 |
| 12          | F1Q4          | BRR F1 questionnaire weight for replicate 4 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2057 |
| 12          | F1Q5          | BRR F1 questionnaire weight for replicate 5 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2067 |
| 12          | F1Q6          | BRR F1 questionnaire weight for replicate 6 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2077 |
| 12          | F1Q7          | BRR F1 questionnaire weight for replicate 7 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2087 |
| 12          | F1Q8          | BRR F1 questionnaire weight for replicate 8 | F1 Quex Weight Replicates    | Rec #: 1, Pos: 2097 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description       | Position            |
|-------------|---------------|----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q9          | BRR F1 questionnaire weight for replicate 9  | F1 Quex Weight Replicates | Rec #: 1, Pos: 2107 |
| 12          | F1Q10         | BRR F1 questionnaire weight for replicate 10 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2117 |
| 12          | F1Q11         | BRR F1 questionnaire weight for replicate 11 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2127 |
| 12          | F1Q12         | BRR F1 questionnaire weight for replicate 12 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2137 |
| 12          | F1Q13         | BRR F1 questionnaire weight for replicate 13 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2147 |
| 12          | F1Q14         | BRR F1 questionnaire weight for replicate 14 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2157 |
| 12          | F1Q15         | BRR F1 questionnaire weight for replicate 15 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2167 |
| 12          | F1Q16         | BRR F1 questionnaire weight for replicate 16 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2177 |
| 12          | F1Q17         | BRR F1 questionnaire weight for replicate 17 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2187 |
| 12          | F1Q18         | BRR F1 questionnaire weight for replicate 18 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2197 |
| 12          | F1Q19         | BRR F1 questionnaire weight for replicate 19 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2207 |
| 12          | F1Q20         | BRR F1 questionnaire weight for replicate 20 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2217 |
| 12          | F1Q21         | BRR F1 questionnaire weight for replicate 21 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2227 |
| 12          | F1Q22         | BRR F1 questionnaire weight for replicate 22 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2237 |
| 12          | F1Q23         | BRR F1 questionnaire weight for replicate 23 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2247 |
| 12          | F1Q24         | BRR F1 questionnaire weight for replicate 24 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2257 |
| 12          | F1Q25         | BRR F1 questionnaire weight for replicate 25 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2267 |
| 12          | F1Q26         | BRR F1 questionnaire weight for replicate 26 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2277 |
| 12          | F1Q27         | BRR F1 questionnaire weight for replicate 27 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2287 |
| 12          | F1Q28         | BRR F1 questionnaire weight for replicate 28 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2297 |
| 12          | F1Q29         | BRR F1 questionnaire weight for replicate 29 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2307 |
| 12          | F1Q30         | BRR F1 questionnaire weight for replicate 30 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2317 |
| 12          | F1Q31         | BRR F1 questionnaire weight for replicate 31 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2327 |
| 12          | F1Q32         | BRR F1 questionnaire weight for replicate 32 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2337 |
| 12          | F1Q33         | BRR F1 questionnaire weight for replicate 33 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2347 |
| 12          | F1Q34         | BRR F1 questionnaire weight for replicate 34 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2357 |
| 12          | F1Q35         | BRR F1 questionnaire weight for replicate 35 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2367 |
| 12          | F1Q36         | BRR F1 questionnaire weight for replicate 36 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2377 |
| 12          | F1Q37         | BRR F1 questionnaire weight for replicate 37 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2387 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description       | Position            |
|-------------|---------------|----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q38         | BRR F1 questionnaire weight for replicate 38 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2397 |
| 12          | F1Q39         | BRR F1 questionnaire weight for replicate 39 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2407 |
| 12          | F1Q40         | BRR F1 questionnaire weight for replicate 40 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2417 |
| 12          | F1Q41         | BRR F1 questionnaire weight for replicate 41 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2427 |
| 12          | F1Q42         | BRR F1 questionnaire weight for replicate 42 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2437 |
| 12          | F1Q43         | BRR F1 questionnaire weight for replicate 43 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2447 |
| 12          | F1Q44         | BRR F1 questionnaire weight for replicate 44 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2457 |
| 12          | F1Q45         | BRR F1 questionnaire weight for replicate 45 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2467 |
| 12          | F1Q46         | BRR F1 questionnaire weight for replicate 46 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2477 |
| 12          | F1Q47         | BRR F1 questionnaire weight for replicate 47 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2487 |
| 12          | F1Q48         | BRR F1 questionnaire weight for replicate 48 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2497 |
| 12          | F1Q49         | BRR F1 questionnaire weight for replicate 49 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2507 |
| 12          | F1Q50         | BRR F1 questionnaire weight for replicate 50 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2517 |
| 12          | F1Q51         | BRR F1 questionnaire weight for replicate 51 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2527 |
| 12          | F1Q52         | BRR F1 questionnaire weight for replicate 52 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2537 |
| 12          | F1Q53         | BRR F1 questionnaire weight for replicate 53 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2547 |
| 12          | F1Q54         | BRR F1 questionnaire weight for replicate 54 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2557 |
| 12          | F1Q55         | BRR F1 questionnaire weight for replicate 55 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2567 |
| 12          | F1Q56         | BRR F1 questionnaire weight for replicate 56 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2577 |
| 12          | F1Q57         | BRR F1 questionnaire weight for replicate 57 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2587 |
| 12          | F1Q58         | BRR F1 questionnaire weight for replicate 58 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2597 |
| 12          | F1Q59         | BRR F1 questionnaire weight for replicate 59 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2607 |
| 12          | F1Q60         | BRR F1 questionnaire weight for replicate 60 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2617 |
| 12          | F1Q61         | BRR F1 questionnaire weight for replicate 61 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2627 |
| 12          | F1Q62         | BRR F1 questionnaire weight for replicate 62 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2637 |
| 12          | F1Q63         | BRR F1 questionnaire weight for replicate 63 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2647 |
| 12          | F1Q64         | BRR F1 questionnaire weight for replicate 64 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2657 |
| 12          | F1Q65         | BRR F1 questionnaire weight for replicate 65 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2667 |
| 12          | F1Q66         | BRR F1 questionnaire weight for replicate 66 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2677 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description       | Position            |
|-------------|---------------|----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q67         | BRR F1 questionnaire weight for replicate 67 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2687 |
| 12          | F1Q68         | BRR F1 questionnaire weight for replicate 68 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2697 |
| 12          | F1Q69         | BRR F1 questionnaire weight for replicate 69 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2707 |
| 12          | F1Q70         | BRR F1 questionnaire weight for replicate 70 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2717 |
| 12          | F1Q71         | BRR F1 questionnaire weight for replicate 71 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2727 |
| 12          | F1Q72         | BRR F1 questionnaire weight for replicate 72 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2737 |
| 12          | F1Q73         | BRR F1 questionnaire weight for replicate 73 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2747 |
| 12          | F1Q74         | BRR F1 questionnaire weight for replicate 74 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2757 |
| 12          | F1Q75         | BRR F1 questionnaire weight for replicate 75 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2767 |
| 12          | F1Q76         | BRR F1 questionnaire weight for replicate 76 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2777 |
| 12          | F1Q77         | BRR F1 questionnaire weight for replicate 77 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2787 |
| 12          | F1Q78         | BRR F1 questionnaire weight for replicate 78 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2797 |
| 12          | F1Q79         | BRR F1 questionnaire weight for replicate 79 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2807 |
| 12          | F1Q80         | BRR F1 questionnaire weight for replicate 80 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2817 |
| 12          | F1Q81         | BRR F1 questionnaire weight for replicate 81 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2827 |
| 12          | F1Q82         | BRR F1 questionnaire weight for replicate 82 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2837 |
| 12          | F1Q83         | BRR F1 questionnaire weight for replicate 83 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2847 |
| 12          | F1Q84         | BRR F1 questionnaire weight for replicate 84 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2857 |
| 12          | F1Q85         | BRR F1 questionnaire weight for replicate 85 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2867 |
| 12          | F1Q86         | BRR F1 questionnaire weight for replicate 86 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2877 |
| 12          | F1Q87         | BRR F1 questionnaire weight for replicate 87 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2887 |
| 12          | F1Q88         | BRR F1 questionnaire weight for replicate 88 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2897 |
| 12          | F1Q89         | BRR F1 questionnaire weight for replicate 89 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2907 |
| 12          | F1Q90         | BRR F1 questionnaire weight for replicate 90 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2917 |
| 12          | F1Q91         | BRR F1 questionnaire weight for replicate 91 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2927 |
| 12          | F1Q92         | BRR F1 questionnaire weight for replicate 92 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2937 |
| 12          | F1Q93         | BRR F1 questionnaire weight for replicate 93 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2947 |
| 12          | F1Q94         | BRR F1 questionnaire weight for replicate 94 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2957 |
| 12          | F1Q95         | BRR F1 questionnaire weight for replicate 95 | F1 Quex Weight Replicates | Rec #: 1, Pos: 2967 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description       | Position            |
|-------------|---------------|-----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q96         | BRR F1 questionnaire weight for replicate 96  | F1 Quex Weight Replicates | Rec #: 1, Pos: 2977 |
| 12          | F1Q97         | BRR F1 questionnaire weight for replicate 97  | F1 Quex Weight Replicates | Rec #: 1, Pos: 2987 |
| 12          | F1Q98         | BRR F1 questionnaire weight for replicate 98  | F1 Quex Weight Replicates | Rec #: 1, Pos: 2997 |
| 12          | F1Q99         | BRR F1 questionnaire weight for replicate 99  | F1 Quex Weight Replicates | Rec #: 1, Pos: 3007 |
| 12          | F1Q100        | BRR F1 questionnaire weight for replicate 100 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3017 |
| 12          | F1Q101        | BRR F1 questionnaire weight for replicate 101 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3027 |
| 12          | F1Q102        | BRR F1 questionnaire weight for replicate 102 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3037 |
| 12          | F1Q103        | BRR F1 questionnaire weight for replicate 103 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3047 |
| 12          | F1Q104        | BRR F1 questionnaire weight for replicate 104 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3057 |
| 12          | F1Q105        | BRR F1 questionnaire weight for replicate 105 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3067 |
| 12          | F1Q106        | BRR F1 questionnaire weight for replicate 106 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3077 |
| 12          | F1Q107        | BRR F1 questionnaire weight for replicate 107 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3087 |
| 12          | F1Q108        | BRR F1 questionnaire weight for replicate 108 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3097 |
| 12          | F1Q109        | BRR F1 questionnaire weight for replicate 109 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3107 |
| 12          | F1Q110        | BRR F1 questionnaire weight for replicate 110 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3117 |
| 12          | F1Q111        | BRR F1 questionnaire weight for replicate 111 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3127 |
| 12          | F1Q112        | BRR F1 questionnaire weight for replicate 112 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3137 |
| 12          | F1Q113        | BRR F1 questionnaire weight for replicate 113 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3147 |
| 12          | F1Q114        | BRR F1 questionnaire weight for replicate 114 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3157 |
| 12          | F1Q115        | BRR F1 questionnaire weight for replicate 115 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3167 |
| 12          | F1Q116        | BRR F1 questionnaire weight for replicate 116 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3177 |
| 12          | F1Q117        | BRR F1 questionnaire weight for replicate 117 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3187 |
| 12          | F1Q118        | BRR F1 questionnaire weight for replicate 118 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3197 |
| 12          | F1Q119        | BRR F1 questionnaire weight for replicate 119 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3207 |
| 12          | F1Q120        | BRR F1 questionnaire weight for replicate 120 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3217 |
| 12          | F1Q121        | BRR F1 questionnaire weight for replicate 121 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3227 |
| 12          | F1Q122        | BRR F1 questionnaire weight for replicate 122 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3237 |
| 12          | F1Q123        | BRR F1 questionnaire weight for replicate 123 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3247 |
| 12          | F1Q124        | BRR F1 questionnaire weight for replicate 124 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3257 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description       | Position            |
|-------------|---------------|-----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q125        | BRR F1 questionnaire weight for replicate 125 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3267 |
| 12          | F1Q126        | BRR F1 questionnaire weight for replicate 126 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3277 |
| 12          | F1Q127        | BRR F1 questionnaire weight for replicate 127 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3287 |
| 12          | F1Q128        | BRR F1 questionnaire weight for replicate 128 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3297 |
| 12          | F1Q129        | BRR F1 questionnaire weight for replicate 129 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3307 |
| 12          | F1Q130        | BRR F1 questionnaire weight for replicate 130 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3317 |
| 12          | F1Q131        | BRR F1 questionnaire weight for replicate 131 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3327 |
| 12          | F1Q132        | BRR F1 questionnaire weight for replicate 132 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3337 |
| 12          | F1Q133        | BRR F1 questionnaire weight for replicate 133 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3347 |
| 12          | F1Q134        | BRR F1 questionnaire weight for replicate 134 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3357 |
| 12          | F1Q135        | BRR F1 questionnaire weight for replicate 135 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3367 |
| 12          | F1Q136        | BRR F1 questionnaire weight for replicate 136 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3377 |
| 12          | F1Q137        | BRR F1 questionnaire weight for replicate 137 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3387 |
| 12          | F1Q138        | BRR F1 questionnaire weight for replicate 138 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3397 |
| 12          | F1Q139        | BRR F1 questionnaire weight for replicate 139 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3407 |
| 12          | F1Q140        | BRR F1 questionnaire weight for replicate 140 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3417 |
| 12          | F1Q141        | BRR F1 questionnaire weight for replicate 141 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3427 |
| 12          | F1Q142        | BRR F1 questionnaire weight for replicate 142 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3437 |
| 12          | F1Q143        | BRR F1 questionnaire weight for replicate 143 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3447 |
| 12          | F1Q144        | BRR F1 questionnaire weight for replicate 144 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3457 |
| 12          | F1Q145        | BRR F1 questionnaire weight for replicate 145 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3467 |
| 12          | F1Q146        | BRR F1 questionnaire weight for replicate 146 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3477 |
| 12          | F1Q147        | BRR F1 questionnaire weight for replicate 147 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3487 |
| 12          | F1Q148        | BRR F1 questionnaire weight for replicate 148 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3497 |
| 12          | F1Q149        | BRR F1 questionnaire weight for replicate 149 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3507 |
| 12          | F1Q150        | BRR F1 questionnaire weight for replicate 150 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3517 |
| 12          | F1Q151        | BRR F1 questionnaire weight for replicate 151 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3527 |
| 12          | F1Q152        | BRR F1 questionnaire weight for replicate 152 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3537 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description       | Position            |
|-------------|---------------|-----------------------------------------------|---------------------------|---------------------|
| 12          | F1Q153        | BRR F1 questionnaire weight for replicate 153 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3547 |
| 12          | F1Q154        | BRR F1 questionnaire weight for replicate 154 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3557 |
| 12          | F1Q155        | BRR F1 questionnaire weight for replicate 155 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3567 |
| 12          | F1Q156        | BRR F1 questionnaire weight for replicate 156 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3577 |
| 12          | F1Q157        | BRR F1 questionnaire weight for replicate 157 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3587 |
| 12          | F1Q158        | BRR F1 questionnaire weight for replicate 158 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3597 |
| 12          | F1Q159        | BRR F1 questionnaire weight for replicate 159 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3607 |
| 12          | F1Q160        | BRR F1 questionnaire weight for replicate 160 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3617 |
| 12          | F1Q161        | BRR F1 questionnaire weight for replicate 161 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3627 |
| 12          | F1Q162        | BRR F1 questionnaire weight for replicate 162 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3637 |
| 12          | F1Q163        | BRR F1 questionnaire weight for replicate 163 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3647 |
| 12          | F1Q164        | BRR F1 questionnaire weight for replicate 164 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3657 |
| 12          | F1Q165        | BRR F1 questionnaire weight for replicate 165 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3667 |
| 12          | F1Q166        | BRR F1 questionnaire weight for replicate 166 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3677 |
| 12          | F1Q167        | BRR F1 questionnaire weight for replicate 167 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3687 |
| 12          | F1Q168        | BRR F1 questionnaire weight for replicate 168 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3697 |
| 12          | F1Q169        | BRR F1 questionnaire weight for replicate 169 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3707 |
| 12          | F1Q170        | BRR F1 questionnaire weight for replicate 170 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3717 |
| 12          | F1Q171        | BRR F1 questionnaire weight for replicate 171 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3727 |
| 12          | F1Q172        | BRR F1 questionnaire weight for replicate 172 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3737 |
| 12          | F1Q173        | BRR F1 questionnaire weight for replicate 173 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3747 |
| 12          | F1Q174        | BRR F1 questionnaire weight for replicate 174 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3757 |
| 12          | F1Q175        | BRR F1 questionnaire weight for replicate 175 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3767 |
| 12          | F1Q176        | BRR F1 questionnaire weight for replicate 176 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3777 |
| 12          | F1Q177        | BRR F1 questionnaire weight for replicate 177 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3787 |
| 12          | F1Q178        | BRR F1 questionnaire weight for replicate 178 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3797 |
| 12          | F1Q179        | BRR F1 questionnaire weight for replicate 179 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3807 |
| 12          | F1Q180        | BRR F1 questionnaire weight for replicate 180 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3817 |
| 12          | F1Q181        | BRR F1 questionnaire weight for replicate 181 | F1 Quex Weight Replicates | Rec #: 1, Pos: 3827 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description               | Position            |
|-------------|---------------|------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1Q182        | BRR F1 questionnaire weight for replicate 182              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3837 |
| 12          | F1Q183        | BRR F1 questionnaire weight for replicate 183              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3847 |
| 12          | F1Q184        | BRR F1 questionnaire weight for replicate 184              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3857 |
| 12          | F1Q185        | BRR F1 questionnaire weight for replicate 185              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3867 |
| 12          | F1Q186        | BRR F1 questionnaire weight for replicate 186              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3877 |
| 12          | F1Q187        | BRR F1 questionnaire weight for replicate 187              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3887 |
| 12          | F1Q188        | BRR F1 questionnaire weight for replicate 188              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3897 |
| 12          | F1Q189        | BRR F1 questionnaire weight for replicate 189              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3907 |
| 12          | F1Q190        | BRR F1 questionnaire weight for replicate 190              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3917 |
| 12          | F1Q191        | BRR F1 questionnaire weight for replicate 191              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3927 |
| 12          | F1Q192        | BRR F1 questionnaire weight for replicate 192              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3937 |
| 12          | F1Q193        | BRR F1 questionnaire weight for replicate 193              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3947 |
| 12          | F1Q194        | BRR F1 questionnaire weight for replicate 194              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3957 |
| 12          | F1Q195        | BRR F1 questionnaire weight for replicate 195              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3967 |
| 12          | F1Q196        | BRR F1 questionnaire weight for replicate 196              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3977 |
| 12          | F1Q197        | BRR F1 questionnaire weight for replicate 197              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3987 |
| 12          | F1Q198        | BRR F1 questionnaire weight for replicate 198              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 3997 |
| 12          | F1Q199        | BRR F1 questionnaire weight for replicate 199              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 4007 |
| 12          | F1Q200        | BRR F1 questionnaire weight for replicate 200              | F1 Quex Weight Replicates         | Rec #: 1, Pos: 4017 |
| 12          | F1PNLWT       | Panel Weight, BY and F1 (2002 and 2004)                    | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4027 |
| 12          | F1PNL1        | BRR BY and F1 (2002 and 2004) panel weight for replicate 1 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4037 |
| 12          | F1PNL2        | BRR BY and F1 (2002 and 2004) panel weight for replicate 2 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4047 |
| 12          | F1PNL3        | BRR BY and F1 (2002 and 2004) panel weight for replicate 3 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4057 |
| 12          | F1PNL4        | BRR BY and F1 (2002 and 2004) panel weight for replicate 4 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4067 |
| 12          | F1PNL5        | BRR BY and F1 (2002 and 2004) panel weight for replicate 5 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4077 |
| 12          | F1PNL6        | BRR BY and F1 (2002 and 2004) panel weight for replicate 6 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4087 |
| 12          | F1PNL7        | BRR BY and F1 (2002 and 2004) panel weight for replicate 7 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4097 |
| 12          | F1PNL8        | BRR BY and F1 (2002 and 2004) panel weight for replicate 8 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4107 |
| 12          | F1PNL9        | BRR BY and F1 (2002 and 2004) panel weight for replicate 9 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4117 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position            |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL10       | BRR BY and F1 (2002 and 2004) panel weight for replicate 10 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4127 |
| 12          | F1PNL11       | BRR BY and F1 (2002 and 2004) panel weight for replicate 11 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4137 |
| 12          | F1PNL12       | BRR BY and F1 (2002 and 2004) panel weight for replicate 12 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4147 |
| 12          | F1PNL13       | BRR BY and F1 (2002 and 2004) panel weight for replicate 13 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4157 |
| 12          | F1PNL14       | BRR BY and F1 (2002 and 2004) panel weight for replicate 14 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4167 |
| 12          | F1PNL15       | BRR BY and F1 (2002 and 2004) panel weight for replicate 15 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4177 |
| 12          | F1PNL16       | BRR BY and F1 (2002 and 2004) panel weight for replicate 16 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4187 |
| 12          | F1PNL17       | BRR BY and F1 (2002 and 2004) panel weight for replicate 17 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4197 |
| 12          | F1PNL18       | BRR BY and F1 (2002 and 2004) panel weight for replicate 18 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4207 |
| 12          | F1PNL19       | BRR BY and F1 (2002 and 2004) panel weight for replicate 19 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4217 |
| 12          | F1PNL20       | BRR BY and F1 (2002 and 2004) panel weight for replicate 20 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4227 |
| 12          | F1PNL21       | BRR BY and F1 (2002 and 2004) panel weight for replicate 21 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4237 |
| 12          | F1PNL22       | BRR BY and F1 (2002 and 2004) panel weight for replicate 22 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4247 |
| 12          | F1PNL23       | BRR BY and F1 (2002 and 2004) panel weight for replicate 23 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4257 |
| 12          | F1PNL24       | BRR BY and F1 (2002 and 2004) panel weight for replicate 24 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4267 |
| 12          | F1PNL25       | BRR BY and F1 (2002 and 2004) panel weight for replicate 25 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4277 |
| 12          | F1PNL26       | BRR BY and F1 (2002 and 2004) panel weight for replicate 26 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4287 |
| 12          | F1PNL27       | BRR BY and F1 (2002 and 2004) panel weight for replicate 27 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4297 |
| 12          | F1PNL28       | BRR BY and F1 (2002 and 2004) panel weight for replicate 28 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4307 |
| 12          | F1PNL29       | BRR BY and F1 (2002 and 2004) panel weight for replicate 29 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4317 |
| 12          | F1PNL30       | BRR BY and F1 (2002 and 2004) panel weight for replicate 30 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4327 |
| 12          | F1PNL31       | BRR BY and F1 (2002 and 2004) panel weight for replicate 31 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4337 |
| 12          | F1PNL32       | BRR BY and F1 (2002 and 2004) panel weight for replicate 32 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4347 |
| 12          | F1PNL33       | BRR BY and F1 (2002 and 2004) panel weight for replicate 33 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4357 |
| 12          | F1PNL34       | BRR BY and F1 (2002 and 2004) panel weight for replicate 34 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4367 |
| 12          | F1PNL35       | BRR BY and F1 (2002 and 2004) panel weight for replicate 35 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4377 |
| 12          | F1PNL36       | BRR BY and F1 (2002 and 2004) panel weight for replicate 36 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4387 |
| 12          | F1PNL37       | BRR BY and F1 (2002 and 2004) panel weight for replicate 37 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4397 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position            |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL38       | BRR BY and F1 (2002 and 2004) panel weight for replicate 38 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4407 |
| 12          | F1PNL39       | BRR BY and F1 (2002 and 2004) panel weight for replicate 39 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4417 |
| 12          | F1PNL40       | BRR BY and F1 (2002 and 2004) panel weight for replicate 40 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4427 |
| 12          | F1PNL41       | BRR BY and F1 (2002 and 2004) panel weight for replicate 41 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4437 |
| 12          | F1PNL42       | BRR BY and F1 (2002 and 2004) panel weight for replicate 42 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4447 |
| 12          | F1PNL43       | BRR BY and F1 (2002 and 2004) panel weight for replicate 43 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4457 |
| 12          | F1PNL44       | BRR BY and F1 (2002 and 2004) panel weight for replicate 44 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4467 |
| 12          | F1PNL45       | BRR BY and F1 (2002 and 2004) panel weight for replicate 45 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4477 |
| 12          | F1PNL46       | BRR BY and F1 (2002 and 2004) panel weight for replicate 46 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4487 |
| 12          | F1PNL47       | BRR BY and F1 (2002 and 2004) panel weight for replicate 47 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4497 |
| 12          | F1PNL48       | BRR BY and F1 (2002 and 2004) panel weight for replicate 48 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4507 |
| 12          | F1PNL49       | BRR BY and F1 (2002 and 2004) panel weight for replicate 49 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4517 |
| 12          | F1PNL50       | BRR BY and F1 (2002 and 2004) panel weight for replicate 50 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4527 |
| 12          | F1PNL51       | BRR BY and F1 (2002 and 2004) panel weight for replicate 51 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4537 |
| 12          | F1PNL52       | BRR BY and F1 (2002 and 2004) panel weight for replicate 52 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4547 |
| 12          | F1PNL53       | BRR BY and F1 (2002 and 2004) panel weight for replicate 53 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4557 |
| 12          | F1PNL54       | BRR BY and F1 (2002 and 2004) panel weight for replicate 54 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4567 |
| 12          | F1PNL55       | BRR BY and F1 (2002 and 2004) panel weight for replicate 55 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4577 |
| 12          | F1PNL56       | BRR BY and F1 (2002 and 2004) panel weight for replicate 56 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4587 |
| 12          | F1PNL57       | BRR BY and F1 (2002 and 2004) panel weight for replicate 57 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4597 |
| 12          | F1PNL58       | BRR BY and F1 (2002 and 2004) panel weight for replicate 58 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4607 |
| 12          | F1PNL59       | BRR BY and F1 (2002 and 2004) panel weight for replicate 59 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4617 |
| 12          | F1PNL60       | BRR BY and F1 (2002 and 2004) panel weight for replicate 60 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4627 |
| 12          | F1PNL61       | BRR BY and F1 (2002 and 2004) panel weight for replicate 61 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4637 |
| 12          | F1PNL62       | BRR BY and F1 (2002 and 2004) panel weight for replicate 62 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4647 |
| 12          | F1PNL63       | BRR BY and F1 (2002 and 2004) panel weight for replicate 63 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4657 |
| 12          | F1PNL64       | BRR BY and F1 (2002 and 2004) panel weight for replicate 64 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4667 |
| 12          | F1PNL65       | BRR BY and F1 (2002 and 2004) panel weight for replicate 65 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4677 |
| 12          | F1PNL66       | BRR BY and F1 (2002 and 2004) panel weight for replicate 66 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4687 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position            |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL67       | BRR BY and F1 (2002 and 2004) panel weight for replicate 67 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4697 |
| 12          | F1PNL68       | BRR BY and F1 (2002 and 2004) panel weight for replicate 68 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4707 |
| 12          | F1PNL69       | BRR BY and F1 (2002 and 2004) panel weight for replicate 69 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4717 |
| 12          | F1PNL70       | BRR BY and F1 (2002 and 2004) panel weight for replicate 70 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4727 |
| 12          | F1PNL71       | BRR BY and F1 (2002 and 2004) panel weight for replicate 71 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4737 |
| 12          | F1PNL72       | BRR BY and F1 (2002 and 2004) panel weight for replicate 72 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4747 |
| 12          | F1PNL73       | BRR BY and F1 (2002 and 2004) panel weight for replicate 73 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4757 |
| 12          | F1PNL74       | BRR BY and F1 (2002 and 2004) panel weight for replicate 74 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4767 |
| 12          | F1PNL75       | BRR BY and F1 (2002 and 2004) panel weight for replicate 75 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4777 |
| 12          | F1PNL76       | BRR BY and F1 (2002 and 2004) panel weight for replicate 76 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4787 |
| 12          | F1PNL77       | BRR BY and F1 (2002 and 2004) panel weight for replicate 77 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4797 |
| 12          | F1PNL78       | BRR BY and F1 (2002 and 2004) panel weight for replicate 78 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4807 |
| 12          | F1PNL79       | BRR BY and F1 (2002 and 2004) panel weight for replicate 79 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4817 |
| 12          | F1PNL80       | BRR BY and F1 (2002 and 2004) panel weight for replicate 80 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4827 |
| 12          | F1PNL81       | BRR BY and F1 (2002 and 2004) panel weight for replicate 81 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4837 |
| 12          | F1PNL82       | BRR BY and F1 (2002 and 2004) panel weight for replicate 82 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4847 |
| 12          | F1PNL83       | BRR BY and F1 (2002 and 2004) panel weight for replicate 83 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4857 |
| 12          | F1PNL84       | BRR BY and F1 (2002 and 2004) panel weight for replicate 84 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4867 |
| 12          | F1PNL85       | BRR BY and F1 (2002 and 2004) panel weight for replicate 85 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4877 |
| 12          | F1PNL86       | BRR BY and F1 (2002 and 2004) panel weight for replicate 86 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4887 |
| 12          | F1PNL87       | BRR BY and F1 (2002 and 2004) panel weight for replicate 87 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4897 |
| 12          | F1PNL88       | BRR BY and F1 (2002 and 2004) panel weight for replicate 88 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4907 |
| 12          | F1PNL89       | BRR BY and F1 (2002 and 2004) panel weight for replicate 89 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4917 |
| 12          | F1PNL90       | BRR BY and F1 (2002 and 2004) panel weight for replicate 90 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4927 |
| 12          | F1PNL91       | BRR BY and F1 (2002 and 2004) panel weight for replicate 91 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4937 |
| 12          | F1PNL92       | BRR BY and F1 (2002 and 2004) panel weight for replicate 92 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4947 |
| 12          | F1PNL93       | BRR BY and F1 (2002 and 2004) panel weight for replicate 93 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4957 |
| 12          | F1PNL94       | BRR BY and F1 (2002 and 2004) panel weight for replicate 94 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4967 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position            |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL95       | BRR BY and F1 (2002 and 2004) panel weight for replicate 95  | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4977 |
| 12          | F1PNL96       | BRR BY and F1 (2002 and 2004) panel weight for replicate 96  | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4987 |
| 12          | F1PNL97       | BRR BY and F1 (2002 and 2004) panel weight for replicate 97  | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 4997 |
| 12          | F1PNL98       | BRR BY and F1 (2002 and 2004) panel weight for replicate 98  | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5007 |
| 12          | F1PNL99       | BRR BY and F1 (2002 and 2004) panel weight for replicate 99  | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5017 |
| 12          | F1PNL100      | BRR BY and F1 (2002 and 2004) panel weight for replicate 100 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5027 |
| 12          | F1PNL101      | BRR BY and F1 (2002 and 2004) panel weight for replicate 101 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5037 |
| 12          | F1PNL102      | BRR BY and F1 (2002 and 2004) panel weight for replicate 102 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5047 |
| 12          | F1PNL103      | BRR BY and F1 (2002 and 2004) panel weight for replicate 103 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5057 |
| 12          | F1PNL104      | BRR BY and F1 (2002 and 2004) panel weight for replicate 104 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5067 |
| 12          | F1PNL105      | BRR BY and F1 (2002 and 2004) panel weight for replicate 105 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5077 |
| 12          | F1PNL106      | BRR BY and F1 (2002 and 2004) panel weight for replicate 106 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5087 |
| 12          | F1PNL107      | BRR BY and F1 (2002 and 2004) panel weight for replicate 107 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5097 |
| 12          | F1PNL108      | BRR BY and F1 (2002 and 2004) panel weight for replicate 108 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5107 |
| 12          | F1PNL109      | BRR BY and F1 (2002 and 2004) panel weight for replicate 109 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5117 |
| 12          | F1PNL110      | BRR BY and F1 (2002 and 2004) panel weight for replicate 110 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5127 |
| 12          | F1PNL111      | BRR BY and F1 (2002 and 2004) panel weight for replicate 111 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5137 |
| 12          | F1PNL112      | BRR BY and F1 (2002 and 2004) panel weight for replicate 112 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5147 |
| 12          | F1PNL113      | BRR BY and F1 (2002 and 2004) panel weight for replicate 113 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5157 |
| 12          | F1PNL114      | BRR BY and F1 (2002 and 2004) panel weight for replicate 114 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5167 |
| 12          | F1PNL115      | BRR BY and F1 (2002 and 2004) panel weight for replicate 115 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5177 |
| 12          | F1PNL116      | BRR BY and F1 (2002 and 2004) panel weight for replicate 116 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5187 |
| 12          | F1PNL117      | BRR BY and F1 (2002 and 2004) panel weight for replicate 117 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5197 |
| 12          | F1PNL118      | BRR BY and F1 (2002 and 2004) panel weight for replicate 118 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5207 |
| 12          | F1PNL119      | BRR BY and F1 (2002 and 2004) panel weight for replicate 119 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5217 |
| 12          | F1PNL120      | BRR BY and F1 (2002 and 2004) panel weight for replicate 120 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5227 |
| 12          | F1PNL121      | BRR BY and F1 (2002 and 2004) panel weight for replicate 121 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5237 |
| 12          | F1PNL122      | BRR BY and F1 (2002 and 2004) panel weight for replicate 122 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5247 |
| 12          | F1PNL123      | BRR BY and F1 (2002 and 2004) panel weight for replicate 123 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5257 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position            |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL124      | BRR BY and F1 (2002 and 2004) panel weight for replicate 124 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5267 |
| 12          | F1PNL125      | BRR BY and F1 (2002 and 2004) panel weight for replicate 125 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5277 |
| 12          | F1PNL126      | BRR BY and F1 (2002 and 2004) panel weight for replicate 126 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5287 |
| 12          | F1PNL127      | BRR BY and F1 (2002 and 2004) panel weight for replicate 127 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5297 |
| 12          | F1PNL128      | BRR BY and F1 (2002 and 2004) panel weight for replicate 128 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5307 |
| 12          | F1PNL129      | BRR BY and F1 (2002 and 2004) panel weight for replicate 129 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5317 |
| 12          | F1PNL130      | BRR BY and F1 (2002 and 2004) panel weight for replicate 130 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5327 |
| 12          | F1PNL131      | BRR BY and F1 (2002 and 2004) panel weight for replicate 131 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5337 |
| 12          | F1PNL132      | BRR BY and F1 (2002 and 2004) panel weight for replicate 132 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5347 |
| 12          | F1PNL133      | BRR BY and F1 (2002 and 2004) panel weight for replicate 133 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5357 |
| 12          | F1PNL134      | BRR BY and F1 (2002 and 2004) panel weight for replicate 134 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5367 |
| 12          | F1PNL135      | BRR BY and F1 (2002 and 2004) panel weight for replicate 135 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5377 |
| 12          | F1PNL136      | BRR BY and F1 (2002 and 2004) panel weight for replicate 136 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5387 |
| 12          | F1PNL137      | BRR BY and F1 (2002 and 2004) panel weight for replicate 137 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5397 |
| 12          | F1PNL138      | BRR BY and F1 (2002 and 2004) panel weight for replicate 138 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5407 |
| 12          | F1PNL139      | BRR BY and F1 (2002 and 2004) panel weight for replicate 139 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5417 |
| 12          | F1PNL140      | BRR BY and F1 (2002 and 2004) panel weight for replicate 140 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5427 |
| 12          | F1PNL141      | BRR BY and F1 (2002 and 2004) panel weight for replicate 141 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5437 |
| 12          | F1PNL142      | BRR BY and F1 (2002 and 2004) panel weight for replicate 142 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5447 |
| 12          | F1PNL143      | BRR BY and F1 (2002 and 2004) panel weight for replicate 143 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5457 |
| 12          | F1PNL144      | BRR BY and F1 (2002 and 2004) panel weight for replicate 144 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5467 |
| 12          | F1PNL145      | BRR BY and F1 (2002 and 2004) panel weight for replicate 145 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5477 |
| 12          | F1PNL146      | BRR BY and F1 (2002 and 2004) panel weight for replicate 146 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5487 |
| 12          | F1PNL147      | BRR BY and F1 (2002 and 2004) panel weight for replicate 147 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5497 |
| 12          | F1PNL148      | BRR BY and F1 (2002 and 2004) panel weight for replicate 148 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5507 |
| 12          | F1PNL149      | BRR BY and F1 (2002 and 2004) panel weight for replicate 149 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5517 |
| 12          | F1PNL150      | BRR BY and F1 (2002 and 2004) panel weight for replicate 150 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5527 |
| 12          | F1PNL151      | BRR BY and F1 (2002 and 2004) panel weight for replicate 151 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5537 |
| 12          | F1PNL152      | BRR BY and F1 (2002 and 2004) panel weight for replicate 152 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5547 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position            |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL153      | BRR BY and F1 (2002 and 2004) panel weight for replicate 153 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5557 |
| 12          | F1PNL154      | BRR BY and F1 (2002 and 2004) panel weight for replicate 154 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5567 |
| 12          | F1PNL155      | BRR BY and F1 (2002 and 2004) panel weight for replicate 155 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5577 |
| 12          | F1PNL156      | BRR BY and F1 (2002 and 2004) panel weight for replicate 156 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5587 |
| 12          | F1PNL157      | BRR BY and F1 (2002 and 2004) panel weight for replicate 157 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5597 |
| 12          | F1PNL158      | BRR BY and F1 (2002 and 2004) panel weight for replicate 158 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5607 |
| 12          | F1PNL159      | BRR BY and F1 (2002 and 2004) panel weight for replicate 159 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5617 |
| 12          | F1PNL160      | BRR BY and F1 (2002 and 2004) panel weight for replicate 160 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5627 |
| 12          | F1PNL161      | BRR BY and F1 (2002 and 2004) panel weight for replicate 161 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5637 |
| 12          | F1PNL162      | BRR BY and F1 (2002 and 2004) panel weight for replicate 162 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5647 |
| 12          | F1PNL163      | BRR BY and F1 (2002 and 2004) panel weight for replicate 163 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5657 |
| 12          | F1PNL164      | BRR BY and F1 (2002 and 2004) panel weight for replicate 164 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5667 |
| 12          | F1PNL165      | BRR BY and F1 (2002 and 2004) panel weight for replicate 165 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5677 |
| 12          | F1PNL166      | BRR BY and F1 (2002 and 2004) panel weight for replicate 166 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5687 |
| 12          | F1PNL167      | BRR BY and F1 (2002 and 2004) panel weight for replicate 167 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5697 |
| 12          | F1PNL168      | BRR BY and F1 (2002 and 2004) panel weight for replicate 168 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5707 |
| 12          | F1PNL169      | BRR BY and F1 (2002 and 2004) panel weight for replicate 169 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5717 |
| 12          | F1PNL170      | BRR BY and F1 (2002 and 2004) panel weight for replicate 170 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5727 |
| 12          | F1PNL171      | BRR BY and F1 (2002 and 2004) panel weight for replicate 171 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5737 |
| 12          | F1PNL172      | BRR BY and F1 (2002 and 2004) panel weight for replicate 172 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5747 |
| 12          | F1PNL173      | BRR BY and F1 (2002 and 2004) panel weight for replicate 173 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5757 |
| 12          | F1PNL174      | BRR BY and F1 (2002 and 2004) panel weight for replicate 174 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5767 |
| 12          | F1PNL175      | BRR BY and F1 (2002 and 2004) panel weight for replicate 175 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5777 |
| 12          | F1PNL176      | BRR BY and F1 (2002 and 2004) panel weight for replicate 176 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5787 |
| 12          | F1PNL177      | BRR BY and F1 (2002 and 2004) panel weight for replicate 177 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5797 |
| 12          | F1PNL178      | BRR BY and F1 (2002 and 2004) panel weight for replicate 178 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5807 |
| 12          | F1PNL179      | BRR BY and F1 (2002 and 2004) panel weight for replicate 179 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5817 |
| 12          | F1PNL180      | BRR BY and F1 (2002 and 2004) panel weight for replicate 180 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5827 |
| 12          | F1PNL181      | BRR BY and F1 (2002 and 2004) panel weight for replicate 181 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5837 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position            |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|---------------------|
| 12          | F1PNL182      | BRR BY and F1 (2002 and 2004) panel weight for replicate 182 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5847 |
| 12          | F1PNL183      | BRR BY and F1 (2002 and 2004) panel weight for replicate 183 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5857 |
| 12          | F1PNL184      | BRR BY and F1 (2002 and 2004) panel weight for replicate 184 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5867 |
| 12          | F1PNL185      | BRR BY and F1 (2002 and 2004) panel weight for replicate 185 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5877 |
| 12          | F1PNL186      | BRR BY and F1 (2002 and 2004) panel weight for replicate 186 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5887 |
| 12          | F1PNL187      | BRR BY and F1 (2002 and 2004) panel weight for replicate 187 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5897 |
| 12          | F1PNL188      | BRR BY and F1 (2002 and 2004) panel weight for replicate 188 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5907 |
| 12          | F1PNL189      | BRR BY and F1 (2002 and 2004) panel weight for replicate 189 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5917 |
| 12          | F1PNL190      | BRR BY and F1 (2002 and 2004) panel weight for replicate 190 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5927 |
| 12          | F1PNL191      | BRR BY and F1 (2002 and 2004) panel weight for replicate 191 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5937 |
| 12          | F1PNL192      | BRR BY and F1 (2002 and 2004) panel weight for replicate 192 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5947 |
| 12          | F1PNL193      | BRR BY and F1 (2002 and 2004) panel weight for replicate 193 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5957 |
| 12          | F1PNL194      | BRR BY and F1 (2002 and 2004) panel weight for replicate 194 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5967 |
| 12          | F1PNL195      | BRR BY and F1 (2002 and 2004) panel weight for replicate 195 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5977 |
| 12          | F1PNL196      | BRR BY and F1 (2002 and 2004) panel weight for replicate 196 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5987 |
| 12          | F1PNL197      | BRR BY and F1 (2002 and 2004) panel weight for replicate 197 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 5997 |
| 12          | F1PNL198      | BRR BY and F1 (2002 and 2004) panel weight for replicate 198 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 6007 |
| 12          | F1PNL199      | BRR BY and F1 (2002 and 2004) panel weight for replicate 199 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 6017 |
| 12          | F1PNL200      | BRR BY and F1 (2002 and 2004) panel weight for replicate 200 | BY and F1 Panel Weight Replicates | Rec #: 1, Pos: 6027 |
| 12          | F1TRSCWT      | Cross-sectional high school transcript weight                | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6037 |
| 12          | F1TRS1        | BRR F1 transcript weight for replicate 1                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6047 |
| 12          | F1TRS2        | BRR F1 transcript weight for replicate 2                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6057 |
| 12          | F1TRS3        | BRR F1 transcript weight for replicate 3                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6067 |
| 12          | F1TRS4        | BRR F1 transcript weight for replicate 4                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6077 |
| 12          | F1TRS5        | BRR F1 transcript weight for replicate 5                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6087 |
| 12          | F1TRS6        | BRR F1 transcript weight for replicate 6                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6097 |
| 12          | F1TRS7        | BRR F1 transcript weight for replicate 7                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6107 |
| 12          | F1TRS8        | BRR F1 transcript weight for replicate 8                     | F1 Transcript Weight Replicates   | Rec #: 1, Pos: 6117 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position            |
|-------------|---------------|-------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS9        | BRR F1 transcript weight for replicate 9  | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6127 |
| 12          | F1TRS10       | BRR F1 transcript weight for replicate 10 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6137 |
| 12          | F1TRS11       | BRR F1 transcript weight for replicate 11 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6147 |
| 12          | F1TRS12       | BRR F1 transcript weight for replicate 12 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6157 |
| 12          | F1TRS13       | BRR F1 transcript weight for replicate 13 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6167 |
| 12          | F1TRS14       | BRR F1 transcript weight for replicate 14 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6177 |
| 12          | F1TRS15       | BRR F1 transcript weight for replicate 15 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6187 |
| 12          | F1TRS16       | BRR F1 transcript weight for replicate 16 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6197 |
| 12          | F1TRS17       | BRR F1 transcript weight for replicate 17 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6207 |
| 12          | F1TRS18       | BRR F1 transcript weight for replicate 18 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6217 |
| 12          | F1TRS19       | BRR F1 transcript weight for replicate 19 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6227 |
| 12          | F1TRS20       | BRR F1 transcript weight for replicate 20 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6237 |
| 12          | F1TRS21       | BRR F1 transcript weight for replicate 21 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6247 |
| 12          | F1TRS22       | BRR F1 transcript weight for replicate 22 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6257 |
| 12          | F1TRS23       | BRR F1 transcript weight for replicate 23 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6267 |
| 12          | F1TRS24       | BRR F1 transcript weight for replicate 24 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6277 |
| 12          | F1TRS25       | BRR F1 transcript weight for replicate 25 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6287 |
| 12          | F1TRS26       | BRR F1 transcript weight for replicate 26 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6297 |
| 12          | F1TRS27       | BRR F1 transcript weight for replicate 27 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6307 |
| 12          | F1TRS28       | BRR F1 transcript weight for replicate 28 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6317 |
| 12          | F1TRS29       | BRR F1 transcript weight for replicate 29 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6327 |
| 12          | F1TRS30       | BRR F1 transcript weight for replicate 30 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6337 |
| 12          | F1TRS31       | BRR F1 transcript weight for replicate 31 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6347 |
| 12          | F1TRS32       | BRR F1 transcript weight for replicate 32 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6357 |
| 12          | F1TRS33       | BRR F1 transcript weight for replicate 33 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6367 |
| 12          | F1TRS34       | BRR F1 transcript weight for replicate 34 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6377 |
| 12          | F1TRS35       | BRR F1 transcript weight for replicate 35 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6387 |
| 12          | F1TRS36       | BRR F1 transcript weight for replicate 36 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6397 |
| 12          | F1TRS37       | BRR F1 transcript weight for replicate 37 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6407 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position            |
|-------------|---------------|-------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS38       | BRR F1 transcript weight for replicate 38 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6417 |
| 12          | F1TRS39       | BRR F1 transcript weight for replicate 39 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6427 |
| 12          | F1TRS40       | BRR F1 transcript weight for replicate 40 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6437 |
| 12          | F1TRS41       | BRR F1 transcript weight for replicate 41 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6447 |
| 12          | F1TRS42       | BRR F1 transcript weight for replicate 42 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6457 |
| 12          | F1TRS43       | BRR F1 transcript weight for replicate 43 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6467 |
| 12          | F1TRS44       | BRR F1 transcript weight for replicate 44 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6477 |
| 12          | F1TRS45       | BRR F1 transcript weight for replicate 45 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6487 |
| 12          | F1TRS46       | BRR F1 transcript weight for replicate 46 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6497 |
| 12          | F1TRS47       | BRR F1 transcript weight for replicate 47 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6507 |
| 12          | F1TRS48       | BRR F1 transcript weight for replicate 48 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6517 |
| 12          | F1TRS49       | BRR F1 transcript weight for replicate 49 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6527 |
| 12          | F1TRS50       | BRR F1 transcript weight for replicate 50 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6537 |
| 12          | F1TRS51       | BRR F1 transcript weight for replicate 51 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6547 |
| 12          | F1TRS52       | BRR F1 transcript weight for replicate 52 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6557 |
| 12          | F1TRS53       | BRR F1 transcript weight for replicate 53 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6567 |
| 12          | F1TRS54       | BRR F1 transcript weight for replicate 54 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6577 |
| 12          | F1TRS55       | BRR F1 transcript weight for replicate 55 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6587 |
| 12          | F1TRS56       | BRR F1 transcript weight for replicate 56 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6597 |
| 12          | F1TRS57       | BRR F1 transcript weight for replicate 57 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6607 |
| 12          | F1TRS58       | BRR F1 transcript weight for replicate 58 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6617 |
| 12          | F1TRS59       | BRR F1 transcript weight for replicate 59 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6627 |
| 12          | F1TRS60       | BRR F1 transcript weight for replicate 60 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6637 |
| 12          | F1TRS61       | BRR F1 transcript weight for replicate 61 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6647 |
| 12          | F1TRS62       | BRR F1 transcript weight for replicate 62 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6657 |
| 12          | F1TRS63       | BRR F1 transcript weight for replicate 63 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6667 |
| 12          | F1TRS64       | BRR F1 transcript weight for replicate 64 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6677 |
| 12          | F1TRS65       | BRR F1 transcript weight for replicate 65 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6687 |
| 12          | F1TRS66       | BRR F1 transcript weight for replicate 66 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6697 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position            |
|-------------|---------------|-------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS67       | BRR F1 transcript weight for replicate 67 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6707 |
| 12          | F1TRS68       | BRR F1 transcript weight for replicate 68 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6717 |
| 12          | F1TRS69       | BRR F1 transcript weight for replicate 69 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6727 |
| 12          | F1TRS70       | BRR F1 transcript weight for replicate 70 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6737 |
| 12          | F1TRS71       | BRR F1 transcript weight for replicate 71 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6747 |
| 12          | F1TRS72       | BRR F1 transcript weight for replicate 72 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6757 |
| 12          | F1TRS73       | BRR F1 transcript weight for replicate 73 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6767 |
| 12          | F1TRS74       | BRR F1 transcript weight for replicate 74 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6777 |
| 12          | F1TRS75       | BRR F1 transcript weight for replicate 75 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6787 |
| 12          | F1TRS76       | BRR F1 transcript weight for replicate 76 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6797 |
| 12          | F1TRS77       | BRR F1 transcript weight for replicate 77 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6807 |
| 12          | F1TRS78       | BRR F1 transcript weight for replicate 78 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6817 |
| 12          | F1TRS79       | BRR F1 transcript weight for replicate 79 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6827 |
| 12          | F1TRS80       | BRR F1 transcript weight for replicate 80 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6837 |
| 12          | F1TRS81       | BRR F1 transcript weight for replicate 81 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6847 |
| 12          | F1TRS82       | BRR F1 transcript weight for replicate 82 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6857 |
| 12          | F1TRS83       | BRR F1 transcript weight for replicate 83 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6867 |
| 12          | F1TRS84       | BRR F1 transcript weight for replicate 84 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6877 |
| 12          | F1TRS85       | BRR F1 transcript weight for replicate 85 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6887 |
| 12          | F1TRS86       | BRR F1 transcript weight for replicate 86 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6897 |
| 12          | F1TRS87       | BRR F1 transcript weight for replicate 87 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6907 |
| 12          | F1TRS88       | BRR F1 transcript weight for replicate 88 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6917 |
| 12          | F1TRS89       | BRR F1 transcript weight for replicate 89 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6927 |
| 12          | F1TRS90       | BRR F1 transcript weight for replicate 90 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6937 |
| 12          | F1TRS91       | BRR F1 transcript weight for replicate 91 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6947 |
| 12          | F1TRS92       | BRR F1 transcript weight for replicate 92 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6957 |
| 12          | F1TRS93       | BRR F1 transcript weight for replicate 93 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6967 |
| 12          | F1TRS94       | BRR F1 transcript weight for replicate 94 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6977 |
| 12          | F1TRS95       | BRR F1 transcript weight for replicate 95 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6987 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position            |
|-------------|---------------|--------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS96       | BRR F1 transcript weight for replicate 96  | F1 Transcript Weight Replicates | Rec #: 1, Pos: 6997 |
| 12          | F1TRS97       | BRR F1 transcript weight for replicate 97  | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7007 |
| 12          | F1TRS98       | BRR F1 transcript weight for replicate 98  | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7017 |
| 12          | F1TRS99       | BRR F1 transcript weight for replicate 99  | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7027 |
| 12          | F1TRS100      | BRR F1 transcript weight for replicate 100 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7037 |
| 12          | F1TRS101      | BRR F1 transcript weight for replicate 101 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7047 |
| 12          | F1TRS102      | BRR F1 transcript weight for replicate 102 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7057 |
| 12          | F1TRS103      | BRR F1 transcript weight for replicate 103 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7067 |
| 12          | F1TRS104      | BRR F1 transcript weight for replicate 104 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7077 |
| 12          | F1TRS105      | BRR F1 transcript weight for replicate 105 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7087 |
| 12          | F1TRS106      | BRR F1 transcript weight for replicate 106 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7097 |
| 12          | F1TRS107      | BRR F1 transcript weight for replicate 107 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7107 |
| 12          | F1TRS108      | BRR F1 transcript weight for replicate 108 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7117 |
| 12          | F1TRS109      | BRR F1 transcript weight for replicate 109 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7127 |
| 12          | F1TRS110      | BRR F1 transcript weight for replicate 110 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7137 |
| 12          | F1TRS111      | BRR F1 transcript weight for replicate 111 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7147 |
| 12          | F1TRS112      | BRR F1 transcript weight for replicate 112 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7157 |
| 12          | F1TRS113      | BRR F1 transcript weight for replicate 113 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7167 |
| 12          | F1TRS114      | BRR F1 transcript weight for replicate 114 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7177 |
| 12          | F1TRS115      | BRR F1 transcript weight for replicate 115 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7187 |
| 12          | F1TRS116      | BRR F1 transcript weight for replicate 116 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7197 |
| 12          | F1TRS117      | BRR F1 transcript weight for replicate 117 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7207 |
| 12          | F1TRS118      | BRR F1 transcript weight for replicate 118 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7217 |
| 12          | F1TRS119      | BRR F1 transcript weight for replicate 119 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7227 |
| 12          | F1TRS120      | BRR F1 transcript weight for replicate 120 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7237 |
| 12          | F1TRS121      | BRR F1 transcript weight for replicate 121 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7247 |
| 12          | F1TRS122      | BRR F1 transcript weight for replicate 122 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7257 |
| 12          | F1TRS123      | BRR F1 transcript weight for replicate 123 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7267 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position            |
|-------------|---------------|--------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS124      | BRR F1 transcript weight for replicate 124 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7277 |
| 12          | F1TRS125      | BRR F1 transcript weight for replicate 125 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7287 |
| 12          | F1TRS126      | BRR F1 transcript weight for replicate 126 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7297 |
| 12          | F1TRS127      | BRR F1 transcript weight for replicate 127 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7307 |
| 12          | F1TRS128      | BRR F1 transcript weight for replicate 128 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7317 |
| 12          | F1TRS129      | BRR F1 transcript weight for replicate 129 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7327 |
| 12          | F1TRS130      | BRR F1 transcript weight for replicate 130 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7337 |
| 12          | F1TRS131      | BRR F1 transcript weight for replicate 131 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7347 |
| 12          | F1TRS132      | BRR F1 transcript weight for replicate 132 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7357 |
| 12          | F1TRS133      | BRR F1 transcript weight for replicate 133 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7367 |
| 12          | F1TRS134      | BRR F1 transcript weight for replicate 134 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7377 |
| 12          | F1TRS135      | BRR F1 transcript weight for replicate 135 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7387 |
| 12          | F1TRS136      | BRR F1 transcript weight for replicate 136 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7397 |
| 12          | F1TRS137      | BRR F1 transcript weight for replicate 137 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7407 |
| 12          | F1TRS138      | BRR F1 transcript weight for replicate 138 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7417 |
| 12          | F1TRS139      | BRR F1 transcript weight for replicate 139 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7427 |
| 12          | F1TRS140      | BRR F1 transcript weight for replicate 140 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7437 |
| 12          | F1TRS141      | BRR F1 transcript weight for replicate 141 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7447 |
| 12          | F1TRS142      | BRR F1 transcript weight for replicate 142 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7457 |
| 12          | F1TRS143      | BRR F1 transcript weight for replicate 143 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7467 |
| 12          | F1TRS144      | BRR F1 transcript weight for replicate 144 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7477 |
| 12          | F1TRS145      | BRR F1 transcript weight for replicate 145 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7487 |
| 12          | F1TRS146      | BRR F1 transcript weight for replicate 146 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7497 |
| 12          | F1TRS147      | BRR F1 transcript weight for replicate 147 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7507 |
| 12          | F1TRS148      | BRR F1 transcript weight for replicate 148 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7517 |
| 12          | F1TRS149      | BRR F1 transcript weight for replicate 149 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7527 |
| 12          | F1TRS150      | BRR F1 transcript weight for replicate 150 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7537 |
| 12          | F1TRS151      | BRR F1 transcript weight for replicate 151 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7547 |
| 12          | F1TRS152      | BRR F1 transcript weight for replicate 152 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7557 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position            |
|-------------|---------------|--------------------------------------------|---------------------------------|---------------------|
| 12          | F1TRS153      | BRR F1 transcript weight for replicate 153 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7567 |
| 12          | F1TRS154      | BRR F1 transcript weight for replicate 154 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7577 |
| 12          | F1TRS155      | BRR F1 transcript weight for replicate 155 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7587 |
| 12          | F1TRS156      | BRR F1 transcript weight for replicate 156 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7597 |
| 12          | F1TRS157      | BRR F1 transcript weight for replicate 157 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7607 |
| 12          | F1TRS158      | BRR F1 transcript weight for replicate 158 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7617 |
| 12          | F1TRS159      | BRR F1 transcript weight for replicate 159 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7627 |
| 12          | F1TRS160      | BRR F1 transcript weight for replicate 160 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7637 |
| 12          | F1TRS161      | BRR F1 transcript weight for replicate 161 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7647 |
| 12          | F1TRS162      | BRR F1 transcript weight for replicate 162 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7657 |
| 12          | F1TRS163      | BRR F1 transcript weight for replicate 163 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7667 |
| 12          | F1TRS164      | BRR F1 transcript weight for replicate 164 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7677 |
| 12          | F1TRS165      | BRR F1 transcript weight for replicate 165 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7687 |
| 12          | F1TRS166      | BRR F1 transcript weight for replicate 166 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7697 |
| 12          | F1TRS167      | BRR F1 transcript weight for replicate 167 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7707 |
| 12          | F1TRS168      | BRR F1 transcript weight for replicate 168 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7717 |
| 12          | F1TRS169      | BRR F1 transcript weight for replicate 169 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7727 |
| 12          | F1TRS170      | BRR F1 transcript weight for replicate 170 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7737 |
| 12          | F1TRS171      | BRR F1 transcript weight for replicate 171 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7747 |
| 12          | F1TRS172      | BRR F1 transcript weight for replicate 172 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7757 |
| 12          | F1TRS173      | BRR F1 transcript weight for replicate 173 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7767 |
| 12          | F1TRS174      | BRR F1 transcript weight for replicate 174 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7777 |
| 12          | F1TRS175      | BRR F1 transcript weight for replicate 175 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7787 |
| 12          | F1TRS176      | BRR F1 transcript weight for replicate 176 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7797 |
| 12          | F1TRS177      | BRR F1 transcript weight for replicate 177 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7807 |
| 12          | F1TRS178      | BRR F1 transcript weight for replicate 178 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7817 |
| 12          | F1TRS179      | BRR F1 transcript weight for replicate 179 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7827 |
| 12          | F1TRS180      | BRR F1 transcript weight for replicate 180 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7837 |
| 12          | F1TRS181      | BRR F1 transcript weight for replicate 181 | F1 Transcript Weight Replicates | Rec #: 1, Pos: 7847 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                              | Section Description                | Position            |
|-------------|---------------|---------------------------------------------|------------------------------------|---------------------|
| 12          | F1TRS182      | BRR F1 transcript weight for replicate 182  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7857 |
| 12          | F1TRS183      | BRR F1 transcript weight for replicate 183  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7867 |
| 12          | F1TRS184      | BRR F1 transcript weight for replicate 184  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7877 |
| 12          | F1TRS185      | BRR F1 transcript weight for replicate 185  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7887 |
| 12          | F1TRS186      | BRR F1 transcript weight for replicate 186  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7897 |
| 12          | F1TRS187      | BRR F1 transcript weight for replicate 187  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7907 |
| 12          | F1TRS188      | BRR F1 transcript weight for replicate 188  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7917 |
| 12          | F1TRS189      | BRR F1 transcript weight for replicate 189  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7927 |
| 12          | F1TRS190      | BRR F1 transcript weight for replicate 190  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7937 |
| 12          | F1TRS191      | BRR F1 transcript weight for replicate 191  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7947 |
| 12          | F1TRS192      | BRR F1 transcript weight for replicate 192  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7957 |
| 12          | F1TRS193      | BRR F1 transcript weight for replicate 193  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7967 |
| 12          | F1TRS194      | BRR F1 transcript weight for replicate 194  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7977 |
| 12          | F1TRS195      | BRR F1 transcript weight for replicate 195  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7987 |
| 12          | F1TRS196      | BRR F1 transcript weight for replicate 196  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 7997 |
| 12          | F1TRS197      | BRR F1 transcript weight for replicate 197  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 8007 |
| 12          | F1TRS198      | BRR F1 transcript weight for replicate 198  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 8017 |
| 12          | F1TRS199      | BRR F1 transcript weight for replicate 199  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 8027 |
| 12          | F1TRS200      | BRR F1 transcript weight for replicate 200  | F1 Transcript Weight Replicates    | Rec #: 1, Pos: 8037 |
| 12          | F2QWT         | Second follow-up cross-sectional weight     | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8047 |
| 12          | F2Q1          | BRR F2 questionnaire weight for replicate 1 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8057 |
| 12          | F2Q2          | BRR F2 questionnaire weight for replicate 2 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8067 |
| 12          | F2Q3          | BRR F2 questionnaire weight for replicate 3 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8077 |
| 12          | F2Q4          | BRR F2 questionnaire weight for replicate 4 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8087 |
| 12          | F2Q5          | BRR F2 questionnaire weight for replicate 5 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8097 |
| 12          | F2Q6          | BRR F2 questionnaire weight for replicate 6 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8107 |
| 12          | F2Q7          | BRR F2 questionnaire weight for replicate 7 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8117 |
| 12          | F2Q8          | BRR F2 questionnaire weight for replicate 8 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8127 |
| 12          | F2Q9          | BRR F2 questionnaire weight for replicate 9 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8137 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description                | Position            |
|-------------|---------------|----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q10         | BRR F2 questionnaire weight for replicate 10 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8147 |
| 12          | F2Q11         | BRR F2 questionnaire weight for replicate 11 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8157 |
| 12          | F2Q12         | BRR F2 questionnaire weight for replicate 12 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8167 |
| 12          | F2Q13         | BRR F2 questionnaire weight for replicate 13 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8177 |
| 12          | F2Q14         | BRR F2 questionnaire weight for replicate 14 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8187 |
| 12          | F2Q15         | BRR F2 questionnaire weight for replicate 15 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8197 |
| 12          | F2Q16         | BRR F2 questionnaire weight for replicate 16 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8207 |
| 12          | F2Q17         | BRR F2 questionnaire weight for replicate 17 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8217 |
| 12          | F2Q18         | BRR F2 questionnaire weight for replicate 18 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8227 |
| 12          | F2Q19         | BRR F2 questionnaire weight for replicate 19 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8237 |
| 12          | F2Q20         | BRR F2 questionnaire weight for replicate 20 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8247 |
| 12          | F2Q21         | BRR F2 questionnaire weight for replicate 21 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8257 |
| 12          | F2Q22         | BRR F2 questionnaire weight for replicate 22 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8267 |
| 12          | F2Q23         | BRR F2 questionnaire weight for replicate 23 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8277 |
| 12          | F2Q24         | BRR F2 questionnaire weight for replicate 24 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8287 |
| 12          | F2Q25         | BRR F2 questionnaire weight for replicate 25 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8297 |
| 12          | F2Q26         | BRR F2 questionnaire weight for replicate 26 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8307 |
| 12          | F2Q27         | BRR F2 questionnaire weight for replicate 27 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8317 |
| 12          | F2Q28         | BRR F2 questionnaire weight for replicate 28 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8327 |
| 12          | F2Q29         | BRR F2 questionnaire weight for replicate 29 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8337 |
| 12          | F2Q30         | BRR F2 questionnaire weight for replicate 30 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8347 |
| 12          | F2Q31         | BRR F2 questionnaire weight for replicate 31 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8357 |
| 12          | F2Q32         | BRR F2 questionnaire weight for replicate 32 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8367 |
| 12          | F2Q33         | BRR F2 questionnaire weight for replicate 33 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8377 |
| 12          | F2Q34         | BRR F2 questionnaire weight for replicate 34 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8387 |
| 12          | F2Q35         | BRR F2 questionnaire weight for replicate 35 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8397 |
| 12          | F2Q36         | BRR F2 questionnaire weight for replicate 36 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8407 |
| 12          | F2Q37         | BRR F2 questionnaire weight for replicate 37 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8417 |
| 12          | F2Q38         | BRR F2 questionnaire weight for replicate 38 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8427 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description                | Position            |
|-------------|---------------|----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q39         | BRR F2 questionnaire weight for replicate 39 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8437 |
| 12          | F2Q40         | BRR F2 questionnaire weight for replicate 40 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8447 |
| 12          | F2Q41         | BRR F2 questionnaire weight for replicate 41 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8457 |
| 12          | F2Q42         | BRR F2 questionnaire weight for replicate 42 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8467 |
| 12          | F2Q43         | BRR F2 questionnaire weight for replicate 43 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8477 |
| 12          | F2Q44         | BRR F2 questionnaire weight for replicate 44 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8487 |
| 12          | F2Q45         | BRR F2 questionnaire weight for replicate 45 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8497 |
| 12          | F2Q46         | BRR F2 questionnaire weight for replicate 46 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8507 |
| 12          | F2Q47         | BRR F2 questionnaire weight for replicate 47 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8517 |
| 12          | F2Q48         | BRR F2 questionnaire weight for replicate 48 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8527 |
| 12          | F2Q49         | BRR F2 questionnaire weight for replicate 49 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8537 |
| 12          | F2Q50         | BRR F2 questionnaire weight for replicate 50 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8547 |
| 12          | F2Q51         | BRR F2 questionnaire weight for replicate 51 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8557 |
| 12          | F2Q52         | BRR F2 questionnaire weight for replicate 52 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8567 |
| 12          | F2Q53         | BRR F2 questionnaire weight for replicate 53 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8577 |
| 12          | F2Q54         | BRR F2 questionnaire weight for replicate 54 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8587 |
| 12          | F2Q55         | BRR F2 questionnaire weight for replicate 55 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8597 |
| 12          | F2Q56         | BRR F2 questionnaire weight for replicate 56 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8607 |
| 12          | F2Q57         | BRR F2 questionnaire weight for replicate 57 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8617 |
| 12          | F2Q58         | BRR F2 questionnaire weight for replicate 58 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8627 |
| 12          | F2Q59         | BRR F2 questionnaire weight for replicate 59 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8637 |
| 12          | F2Q60         | BRR F2 questionnaire weight for replicate 60 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8647 |
| 12          | F2Q61         | BRR F2 questionnaire weight for replicate 61 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8657 |
| 12          | F2Q62         | BRR F2 questionnaire weight for replicate 62 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8667 |
| 12          | F2Q63         | BRR F2 questionnaire weight for replicate 63 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8677 |
| 12          | F2Q64         | BRR F2 questionnaire weight for replicate 64 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8687 |
| 12          | F2Q65         | BRR F2 questionnaire weight for replicate 65 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8697 |
| 12          | F2Q66         | BRR F2 questionnaire weight for replicate 66 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8707 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                               | Section Description                | Position            |
|-------------|---------------|----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q67         | BRR F2 questionnaire weight for replicate 67 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8717 |
| 12          | F2Q68         | BRR F2 questionnaire weight for replicate 68 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8727 |
| 12          | F2Q69         | BRR F2 questionnaire weight for replicate 69 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8737 |
| 12          | F2Q70         | BRR F2 questionnaire weight for replicate 70 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8747 |
| 12          | F2Q71         | BRR F2 questionnaire weight for replicate 71 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8757 |
| 12          | F2Q72         | BRR F2 questionnaire weight for replicate 72 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8767 |
| 12          | F2Q73         | BRR F2 questionnaire weight for replicate 73 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8777 |
| 12          | F2Q74         | BRR F2 questionnaire weight for replicate 74 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8787 |
| 12          | F2Q75         | BRR F2 questionnaire weight for replicate 75 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8797 |
| 12          | F2Q76         | BRR F2 questionnaire weight for replicate 76 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8807 |
| 12          | F2Q77         | BRR F2 questionnaire weight for replicate 77 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8817 |
| 12          | F2Q78         | BRR F2 questionnaire weight for replicate 78 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8827 |
| 12          | F2Q79         | BRR F2 questionnaire weight for replicate 79 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8837 |
| 12          | F2Q80         | BRR F2 questionnaire weight for replicate 80 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8847 |
| 12          | F2Q81         | BRR F2 questionnaire weight for replicate 81 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8857 |
| 12          | F2Q82         | BRR F2 questionnaire weight for replicate 82 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8867 |
| 12          | F2Q83         | BRR F2 questionnaire weight for replicate 83 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8877 |
| 12          | F2Q84         | BRR F2 questionnaire weight for replicate 84 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8887 |
| 12          | F2Q85         | BRR F2 questionnaire weight for replicate 85 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8897 |
| 12          | F2Q86         | BRR F2 questionnaire weight for replicate 86 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8907 |
| 12          | F2Q87         | BRR F2 questionnaire weight for replicate 87 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8917 |
| 12          | F2Q88         | BRR F2 questionnaire weight for replicate 88 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8927 |
| 12          | F2Q89         | BRR F2 questionnaire weight for replicate 89 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8937 |
| 12          | F2Q90         | BRR F2 questionnaire weight for replicate 90 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8947 |
| 12          | F2Q91         | BRR F2 questionnaire weight for replicate 91 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8957 |
| 12          | F2Q92         | BRR F2 questionnaire weight for replicate 92 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8967 |
| 12          | F2Q93         | BRR F2 questionnaire weight for replicate 93 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8977 |
| 12          | F2Q94         | BRR F2 questionnaire weight for replicate 94 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8987 |
| 12          | F2Q95         | BRR F2 questionnaire weight for replicate 95 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 8997 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description                | Position            |
|-------------|---------------|-----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q96         | BRR F2 questionnaire weight for replicate 96  | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9007 |
| 12          | F2Q97         | BRR F2 questionnaire weight for replicate 97  | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9017 |
| 12          | F2Q98         | BRR F2 questionnaire weight for replicate 98  | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9027 |
| 12          | F2Q99         | BRR F2 questionnaire weight for replicate 99  | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9037 |
| 12          | F2Q100        | BRR F2 questionnaire weight for replicate 100 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9047 |
| 12          | F2Q101        | BRR F2 questionnaire weight for replicate 101 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9057 |
| 12          | F2Q102        | BRR F2 questionnaire weight for replicate 102 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9067 |
| 12          | F2Q103        | BRR F2 questionnaire weight for replicate 103 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9077 |
| 12          | F2Q104        | BRR F2 questionnaire weight for replicate 104 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9087 |
| 12          | F2Q105        | BRR F2 questionnaire weight for replicate 105 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9097 |
| 12          | F2Q106        | BRR F2 questionnaire weight for replicate 106 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9107 |
| 12          | F2Q107        | BRR F2 questionnaire weight for replicate 107 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9117 |
| 12          | F2Q108        | BRR F2 questionnaire weight for replicate 108 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9127 |
| 12          | F2Q109        | BRR F2 questionnaire weight for replicate 109 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9137 |
| 12          | F2Q110        | BRR F2 questionnaire weight for replicate 110 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9147 |
| 12          | F2Q111        | BRR F2 questionnaire weight for replicate 111 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9157 |
| 12          | F2Q112        | BRR F2 questionnaire weight for replicate 112 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9167 |
| 12          | F2Q113        | BRR F2 questionnaire weight for replicate 113 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9177 |
| 12          | F2Q114        | BRR F2 questionnaire weight for replicate 114 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9187 |
| 12          | F2Q115        | BRR F2 questionnaire weight for replicate 115 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9197 |
| 12          | F2Q116        | BRR F2 questionnaire weight for replicate 116 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9207 |
| 12          | F2Q117        | BRR F2 questionnaire weight for replicate 117 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9217 |
| 12          | F2Q118        | BRR F2 questionnaire weight for replicate 118 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9227 |
| 12          | F2Q119        | BRR F2 questionnaire weight for replicate 119 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9237 |
| 12          | F2Q120        | BRR F2 questionnaire weight for replicate 120 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9247 |
| 12          | F2Q121        | BRR F2 questionnaire weight for replicate 121 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9257 |
| 12          | F2Q122        | BRR F2 questionnaire weight for replicate 122 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9267 |
| 12          | F2Q123        | BRR F2 questionnaire weight for replicate 123 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9277 |
| 12          | F2Q124        | BRR F2 questionnaire weight for replicate 124 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9287 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description                | Position            |
|-------------|---------------|-----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q125        | BRR F2 questionnaire weight for replicate 125 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9297 |
| 12          | F2Q126        | BRR F2 questionnaire weight for replicate 126 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9307 |
| 12          | F2Q127        | BRR F2 questionnaire weight for replicate 127 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9317 |
| 12          | F2Q128        | BRR F2 questionnaire weight for replicate 128 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9327 |
| 12          | F2Q129        | BRR F2 questionnaire weight for replicate 129 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9337 |
| 12          | F2Q130        | BRR F2 questionnaire weight for replicate 130 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9347 |
| 12          | F2Q131        | BRR F2 questionnaire weight for replicate 131 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9357 |
| 12          | F2Q132        | BRR F2 questionnaire weight for replicate 132 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9367 |
| 12          | F2Q133        | BRR F2 questionnaire weight for replicate 133 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9377 |
| 12          | F2Q134        | BRR F2 questionnaire weight for replicate 134 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9387 |
| 12          | F2Q135        | BRR F2 questionnaire weight for replicate 135 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9397 |
| 12          | F2Q136        | BRR F2 questionnaire weight for replicate 136 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9407 |
| 12          | F2Q137        | BRR F2 questionnaire weight for replicate 137 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9417 |
| 12          | F2Q138        | BRR F2 questionnaire weight for replicate 138 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9427 |
| 12          | F2Q139        | BRR F2 questionnaire weight for replicate 139 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9437 |
| 12          | F2Q140        | BRR F2 questionnaire weight for replicate 140 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9447 |
| 12          | F2Q141        | BRR F2 questionnaire weight for replicate 141 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9457 |
| 12          | F2Q142        | BRR F2 questionnaire weight for replicate 142 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9467 |
| 12          | F2Q143        | BRR F2 questionnaire weight for replicate 143 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9477 |
| 12          | F2Q144        | BRR F2 questionnaire weight for replicate 144 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9487 |
| 12          | F2Q145        | BRR F2 questionnaire weight for replicate 145 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9497 |
| 12          | F2Q146        | BRR F2 questionnaire weight for replicate 146 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9507 |
| 12          | F2Q147        | BRR F2 questionnaire weight for replicate 147 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9517 |
| 12          | F2Q148        | BRR F2 questionnaire weight for replicate 148 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9527 |
| 12          | F2Q149        | BRR F2 questionnaire weight for replicate 149 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9537 |
| 12          | F2Q150        | BRR F2 questionnaire weight for replicate 150 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9547 |
| 12          | F2Q151        | BRR F2 questionnaire weight for replicate 151 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9557 |
| 12          | F2Q152        | BRR F2 questionnaire weight for replicate 152 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9567 |
| 12          | F2Q153        | BRR F2 questionnaire weight for replicate 153 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9577 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                | Section Description                | Position            |
|-------------|---------------|-----------------------------------------------|------------------------------------|---------------------|
| 12          | F2Q154        | BRR F2 questionnaire weight for replicate 154 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9587 |
| 12          | F2Q155        | BRR F2 questionnaire weight for replicate 155 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9597 |
| 12          | F2Q156        | BRR F2 questionnaire weight for replicate 156 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9607 |
| 12          | F2Q157        | BRR F2 questionnaire weight for replicate 157 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9617 |
| 12          | F2Q158        | BRR F2 questionnaire weight for replicate 158 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9627 |
| 12          | F2Q159        | BRR F2 questionnaire weight for replicate 159 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9637 |
| 12          | F2Q160        | BRR F2 questionnaire weight for replicate 160 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9647 |
| 12          | F2Q161        | BRR F2 questionnaire weight for replicate 161 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9657 |
| 12          | F2Q162        | BRR F2 questionnaire weight for replicate 162 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9667 |
| 12          | F2Q163        | BRR F2 questionnaire weight for replicate 163 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9677 |
| 12          | F2Q164        | BRR F2 questionnaire weight for replicate 164 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9687 |
| 12          | F2Q165        | BRR F2 questionnaire weight for replicate 165 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9697 |
| 12          | F2Q166        | BRR F2 questionnaire weight for replicate 166 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9707 |
| 12          | F2Q167        | BRR F2 questionnaire weight for replicate 167 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9717 |
| 12          | F2Q168        | BRR F2 questionnaire weight for replicate 168 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9727 |
| 12          | F2Q169        | BRR F2 questionnaire weight for replicate 169 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9737 |
| 12          | F2Q170        | BRR F2 questionnaire weight for replicate 170 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9747 |
| 12          | F2Q171        | BRR F2 questionnaire weight for replicate 171 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9757 |
| 12          | F2Q172        | BRR F2 questionnaire weight for replicate 172 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9767 |
| 12          | F2Q173        | BRR F2 questionnaire weight for replicate 173 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9777 |
| 12          | F2Q174        | BRR F2 questionnaire weight for replicate 174 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9787 |
| 12          | F2Q175        | BRR F2 questionnaire weight for replicate 175 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9797 |
| 12          | F2Q176        | BRR F2 questionnaire weight for replicate 176 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9807 |
| 12          | F2Q177        | BRR F2 questionnaire weight for replicate 177 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9817 |
| 12          | F2Q178        | BRR F2 questionnaire weight for replicate 178 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9827 |
| 12          | F2Q179        | BRR F2 questionnaire weight for replicate 179 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9837 |
| 12          | F2Q180        | BRR F2 questionnaire weight for replicate 180 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9847 |
| 12          | F2Q181        | BRR F2 questionnaire weight for replicate 181 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9857 |
| 12          | F2Q182        | BRR F2 questionnaire weight for replicate 182 | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9867 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                     | Section Description                | Position             |
|-------------|---------------|----------------------------------------------------|------------------------------------|----------------------|
| 12          | F2Q183        | BRR F2 questionnaire weight for replicate 183      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9877  |
| 12          | F2Q184        | BRR F2 questionnaire weight for replicate 184      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9887  |
| 12          | F2Q185        | BRR F2 questionnaire weight for replicate 185      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9897  |
| 12          | F2Q186        | BRR F2 questionnaire weight for replicate 186      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9907  |
| 12          | F2Q187        | BRR F2 questionnaire weight for replicate 187      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9917  |
| 12          | F2Q188        | BRR F2 questionnaire weight for replicate 188      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9927  |
| 12          | F2Q189        | BRR F2 questionnaire weight for replicate 189      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9937  |
| 12          | F2Q190        | BRR F2 questionnaire weight for replicate 190      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9947  |
| 12          | F2Q191        | BRR F2 questionnaire weight for replicate 191      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9957  |
| 12          | F2Q192        | BRR F2 questionnaire weight for replicate 192      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9967  |
| 12          | F2Q193        | BRR F2 questionnaire weight for replicate 193      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9977  |
| 12          | F2Q194        | BRR F2 questionnaire weight for replicate 194      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9987  |
| 12          | F2Q195        | BRR F2 questionnaire weight for replicate 195      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 9997  |
| 12          | F2Q196        | BRR F2 questionnaire weight for replicate 196      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 10007 |
| 12          | F2Q197        | BRR F2 questionnaire weight for replicate 197      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 10017 |
| 12          | F2Q198        | BRR F2 questionnaire weight for replicate 198      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 10027 |
| 12          | F2Q199        | BRR F2 questionnaire weight for replicate 199      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 10037 |
| 12          | F2Q200        | BRR F2 questionnaire weight for replicate 200      | F2 Questionnaire Weight Replicates | Rec #: 1, Pos: 10047 |
| 12          | F2QTSCWT      | Second follow-up transcript cross-sectional weight | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10057 |
| 12          | F2TRS1        | BRR F2 transcript weight for replicate 1           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10067 |
| 12          | F2TRS2        | BRR F2 transcript weight for replicate 2           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10077 |
| 12          | F2TRS3        | BRR F2 transcript weight for replicate 3           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10087 |
| 12          | F2TRS4        | BRR F2 transcript weight for replicate 4           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10097 |
| 12          | F2TRS5        | BRR F2 transcript weight for replicate 5           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10107 |
| 12          | F2TRS6        | BRR F2 transcript weight for replicate 6           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10117 |
| 12          | F2TRS7        | BRR F2 transcript weight for replicate 7           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10127 |
| 12          | F2TRS8        | BRR F2 transcript weight for replicate 8           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10137 |
| 12          | F2TRS9        | BRR F2 transcript weight for replicate 9           | F2 Transcript Weight Replicates    | Rec #: 1, Pos: 10147 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position             |
|-------------|---------------|-------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS10       | BRR F2 transcript weight for replicate 10 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10157 |
| 12          | F2TRS11       | BRR F2 transcript weight for replicate 11 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10167 |
| 12          | F2TRS12       | BRR F2 transcript weight for replicate 12 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10177 |
| 12          | F2TRS13       | BRR F2 transcript weight for replicate 13 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10187 |
| 12          | F2TRS14       | BRR F2 transcript weight for replicate 14 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10197 |
| 12          | F2TRS15       | BRR F2 transcript weight for replicate 15 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10207 |
| 12          | F2TRS16       | BRR F2 transcript weight for replicate 16 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10217 |
| 12          | F2TRS17       | BRR F2 transcript weight for replicate 17 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10227 |
| 12          | F2TRS18       | BRR F2 transcript weight for replicate 18 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10237 |
| 12          | F2TRS19       | BRR F2 transcript weight for replicate 19 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10247 |
| 12          | F2TRS20       | BRR F2 transcript weight for replicate 20 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10257 |
| 12          | F2TRS21       | BRR F2 transcript weight for replicate 21 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10267 |
| 12          | F2TRS22       | BRR F2 transcript weight for replicate 22 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10277 |
| 12          | F2TRS23       | BRR F2 transcript weight for replicate 23 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10287 |
| 12          | F2TRS24       | BRR F2 transcript weight for replicate 24 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10297 |
| 12          | F2TRS25       | BRR F2 transcript weight for replicate 25 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10307 |
| 12          | F2TRS26       | BRR F2 transcript weight for replicate 26 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10317 |
| 12          | F2TRS27       | BRR F2 transcript weight for replicate 27 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10327 |
| 12          | F2TRS28       | BRR F2 transcript weight for replicate 28 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10337 |
| 12          | F2TRS29       | BRR F2 transcript weight for replicate 29 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10347 |
| 12          | F2TRS30       | BRR F2 transcript weight for replicate 30 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10357 |
| 12          | F2TRS31       | BRR F2 transcript weight for replicate 31 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10367 |
| 12          | F2TRS32       | BRR F2 transcript weight for replicate 32 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10377 |
| 12          | F2TRS33       | BRR F2 transcript weight for replicate 33 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10387 |
| 12          | F2TRS34       | BRR F2 transcript weight for replicate 34 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10397 |
| 12          | F2TRS35       | BRR F2 transcript weight for replicate 35 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10407 |
| 12          | F2TRS36       | BRR F2 transcript weight for replicate 36 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10417 |
| 12          | F2TRS37       | BRR F2 transcript weight for replicate 37 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10427 |
| 12          | F2TRS38       | BRR F2 transcript weight for replicate 38 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10437 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position             |
|-------------|---------------|-------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS39       | BRR F2 transcript weight for replicate 39 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10447 |
| 12          | F2TRS40       | BRR F2 transcript weight for replicate 40 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10457 |
| 12          | F2TRS41       | BRR F2 transcript weight for replicate 41 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10467 |
| 12          | F2TRS42       | BRR F2 transcript weight for replicate 42 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10477 |
| 12          | F2TRS43       | BRR F2 transcript weight for replicate 43 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10487 |
| 12          | F2TRS44       | BRR F2 transcript weight for replicate 44 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10497 |
| 12          | F2TRS45       | BRR F2 transcript weight for replicate 45 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10507 |
| 12          | F2TRS46       | BRR F2 transcript weight for replicate 46 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10517 |
| 12          | F2TRS47       | BRR F2 transcript weight for replicate 47 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10527 |
| 12          | F2TRS48       | BRR F2 transcript weight for replicate 48 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10537 |
| 12          | F2TRS49       | BRR F2 transcript weight for replicate 49 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10547 |
| 12          | F2TRS50       | BRR F2 transcript weight for replicate 50 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10557 |
| 12          | F2TRS51       | BRR F2 transcript weight for replicate 51 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10567 |
| 12          | F2TRS52       | BRR F2 transcript weight for replicate 52 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10577 |
| 12          | F2TRS53       | BRR F2 transcript weight for replicate 53 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10587 |
| 12          | F2TRS54       | BRR F2 transcript weight for replicate 54 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10597 |
| 12          | F2TRS55       | BRR F2 transcript weight for replicate 55 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10607 |
| 12          | F2TRS56       | BRR F2 transcript weight for replicate 56 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10617 |
| 12          | F2TRS57       | BRR F2 transcript weight for replicate 57 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10627 |
| 12          | F2TRS58       | BRR F2 transcript weight for replicate 58 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10637 |
| 12          | F2TRS59       | BRR F2 transcript weight for replicate 59 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10647 |
| 12          | F2TRS60       | BRR F2 transcript weight for replicate 60 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10657 |
| 12          | F2TRS61       | BRR F2 transcript weight for replicate 61 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10667 |
| 12          | F2TRS62       | BRR F2 transcript weight for replicate 62 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10677 |
| 12          | F2TRS63       | BRR F2 transcript weight for replicate 63 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10687 |
| 12          | F2TRS64       | BRR F2 transcript weight for replicate 64 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10697 |
| 12          | F2TRS65       | BRR F2 transcript weight for replicate 65 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10707 |
| 12          | F2TRS66       | BRR F2 transcript weight for replicate 66 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10717 |
| 12          | F2TRS67       | BRR F2 transcript weight for replicate 67 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10727 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                            | Section Description             | Position             |
|-------------|---------------|-------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS68       | BRR F2 transcript weight for replicate 68 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10737 |
| 12          | F2TRS69       | BRR F2 transcript weight for replicate 69 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10747 |
| 12          | F2TRS70       | BRR F2 transcript weight for replicate 70 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10757 |
| 12          | F2TRS71       | BRR F2 transcript weight for replicate 71 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10767 |
| 12          | F2TRS72       | BRR F2 transcript weight for replicate 72 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10777 |
| 12          | F2TRS73       | BRR F2 transcript weight for replicate 73 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10787 |
| 12          | F2TRS74       | BRR F2 transcript weight for replicate 74 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10797 |
| 12          | F2TRS75       | BRR F2 transcript weight for replicate 75 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10807 |
| 12          | F2TRS76       | BRR F2 transcript weight for replicate 76 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10817 |
| 12          | F2TRS77       | BRR F2 transcript weight for replicate 77 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10827 |
| 12          | F2TRS78       | BRR F2 transcript weight for replicate 78 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10837 |
| 12          | F2TRS79       | BRR F2 transcript weight for replicate 79 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10847 |
| 12          | F2TRS80       | BRR F2 transcript weight for replicate 80 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10857 |
| 12          | F2TRS81       | BRR F2 transcript weight for replicate 81 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10867 |
| 12          | F2TRS82       | BRR F2 transcript weight for replicate 82 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10877 |
| 12          | F2TRS83       | BRR F2 transcript weight for replicate 83 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10887 |
| 12          | F2TRS84       | BRR F2 transcript weight for replicate 84 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10897 |
| 12          | F2TRS85       | BRR F2 transcript weight for replicate 85 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10907 |
| 12          | F2TRS86       | BRR F2 transcript weight for replicate 86 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10917 |
| 12          | F2TRS87       | BRR F2 transcript weight for replicate 87 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10927 |
| 12          | F2TRS88       | BRR F2 transcript weight for replicate 88 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10937 |
| 12          | F2TRS89       | BRR F2 transcript weight for replicate 89 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10947 |
| 12          | F2TRS90       | BRR F2 transcript weight for replicate 90 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10957 |
| 12          | F2TRS91       | BRR F2 transcript weight for replicate 91 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10967 |
| 12          | F2TRS92       | BRR F2 transcript weight for replicate 92 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10977 |
| 12          | F2TRS93       | BRR F2 transcript weight for replicate 93 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10987 |
| 12          | F2TRS94       | BRR F2 transcript weight for replicate 94 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 10997 |
| 12          | F2TRS95       | BRR F2 transcript weight for replicate 95 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11007 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position             |
|-------------|---------------|--------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS96       | BRR F2 transcript weight for replicate 96  | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11017 |
| 12          | F2TRS97       | BRR F2 transcript weight for replicate 97  | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11027 |
| 12          | F2TRS98       | BRR F2 transcript weight for replicate 98  | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11037 |
| 12          | F2TRS99       | BRR F2 transcript weight for replicate 99  | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11047 |
| 12          | F2TRS100      | BRR F2 transcript weight for replicate 100 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11057 |
| 12          | F2TRS101      | BRR F2 transcript weight for replicate 101 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11067 |
| 12          | F2TRS102      | BRR F2 transcript weight for replicate 102 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11077 |
| 12          | F2TRS103      | BRR F2 transcript weight for replicate 103 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11087 |
| 12          | F2TRS104      | BRR F2 transcript weight for replicate 104 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11097 |
| 12          | F2TRS105      | BRR F2 transcript weight for replicate 105 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11107 |
| 12          | F2TRS106      | BRR F2 transcript weight for replicate 106 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11117 |
| 12          | F2TRS107      | BRR F2 transcript weight for replicate 107 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11127 |
| 12          | F2TRS108      | BRR F2 transcript weight for replicate 108 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11137 |
| 12          | F2TRS109      | BRR F2 transcript weight for replicate 109 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11147 |
| 12          | F2TRS110      | BRR F2 transcript weight for replicate 110 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11157 |
| 12          | F2TRS111      | BRR F2 transcript weight for replicate 111 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11167 |
| 12          | F2TRS112      | BRR F2 transcript weight for replicate 112 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11177 |
| 12          | F2TRS113      | BRR F2 transcript weight for replicate 113 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11187 |
| 12          | F2TRS114      | BRR F2 transcript weight for replicate 114 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11197 |
| 12          | F2TRS115      | BRR F2 transcript weight for replicate 115 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11207 |
| 12          | F2TRS116      | BRR F2 transcript weight for replicate 116 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11217 |
| 12          | F2TRS117      | BRR F2 transcript weight for replicate 117 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11227 |
| 12          | F2TRS118      | BRR F2 transcript weight for replicate 118 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11237 |
| 12          | F2TRS119      | BRR F2 transcript weight for replicate 119 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11247 |
| 12          | F2TRS120      | BRR F2 transcript weight for replicate 120 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11257 |
| 12          | F2TRS121      | BRR F2 transcript weight for replicate 121 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11267 |
| 12          | F2TRS122      | BRR F2 transcript weight for replicate 122 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11277 |
| 12          | F2TRS123      | BRR F2 transcript weight for replicate 123 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11287 |
| 12          | F2TRS124      | BRR F2 transcript weight for replicate 124 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11297 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position             |
|-------------|---------------|--------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS125      | BRR F2 transcript weight for replicate 125 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11307 |
| 12          | F2TRS126      | BRR F2 transcript weight for replicate 126 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11317 |
| 12          | F2TRS127      | BRR F2 transcript weight for replicate 127 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11327 |
| 12          | F2TRS128      | BRR F2 transcript weight for replicate 128 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11337 |
| 12          | F2TRS129      | BRR F2 transcript weight for replicate 129 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11347 |
| 12          | F2TRS130      | BRR F2 transcript weight for replicate 130 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11357 |
| 12          | F2TRS131      | BRR F2 transcript weight for replicate 131 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11367 |
| 12          | F2TRS132      | BRR F2 transcript weight for replicate 132 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11377 |
| 12          | F2TRS133      | BRR F2 transcript weight for replicate 133 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11387 |
| 12          | F2TRS134      | BRR F2 transcript weight for replicate 134 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11397 |
| 12          | F2TRS135      | BRR F2 transcript weight for replicate 135 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11407 |
| 12          | F2TRS136      | BRR F2 transcript weight for replicate 136 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11417 |
| 12          | F2TRS137      | BRR F2 transcript weight for replicate 137 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11427 |
| 12          | F2TRS138      | BRR F2 transcript weight for replicate 138 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11437 |
| 12          | F2TRS139      | BRR F2 transcript weight for replicate 139 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11447 |
| 12          | F2TRS140      | BRR F2 transcript weight for replicate 140 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11457 |
| 12          | F2TRS141      | BRR F2 transcript weight for replicate 141 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11467 |
| 12          | F2TRS142      | BRR F2 transcript weight for replicate 142 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11477 |
| 12          | F2TRS143      | BRR F2 transcript weight for replicate 143 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11487 |
| 12          | F2TRS144      | BRR F2 transcript weight for replicate 144 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11497 |
| 12          | F2TRS145      | BRR F2 transcript weight for replicate 145 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11507 |
| 12          | F2TRS146      | BRR F2 transcript weight for replicate 146 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11517 |
| 12          | F2TRS147      | BRR F2 transcript weight for replicate 147 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11527 |
| 12          | F2TRS148      | BRR F2 transcript weight for replicate 148 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11537 |
| 12          | F2TRS149      | BRR F2 transcript weight for replicate 149 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11547 |
| 12          | F2TRS150      | BRR F2 transcript weight for replicate 150 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11557 |
| 12          | F2TRS151      | BRR F2 transcript weight for replicate 151 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11567 |
| 12          | F2TRS152      | BRR F2 transcript weight for replicate 152 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11577 |
| 12          | F2TRS153      | BRR F2 transcript weight for replicate 153 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11587 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                             | Section Description             | Position             |
|-------------|---------------|--------------------------------------------|---------------------------------|----------------------|
| 12          | F2TRS154      | BRR F2 transcript weight for replicate 154 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11597 |
| 12          | F2TRS155      | BRR F2 transcript weight for replicate 155 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11607 |
| 12          | F2TRS156      | BRR F2 transcript weight for replicate 156 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11617 |
| 12          | F2TRS157      | BRR F2 transcript weight for replicate 157 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11627 |
| 12          | F2TRS158      | BRR F2 transcript weight for replicate 158 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11637 |
| 12          | F2TRS159      | BRR F2 transcript weight for replicate 159 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11647 |
| 12          | F2TRS160      | BRR F2 transcript weight for replicate 160 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11657 |
| 12          | F2TRS161      | BRR F2 transcript weight for replicate 161 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11667 |
| 12          | F2TRS162      | BRR F2 transcript weight for replicate 162 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11677 |
| 12          | F2TRS163      | BRR F2 transcript weight for replicate 163 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11687 |
| 12          | F2TRS164      | BRR F2 transcript weight for replicate 164 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11697 |
| 12          | F2TRS165      | BRR F2 transcript weight for replicate 165 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11707 |
| 12          | F2TRS166      | BRR F2 transcript weight for replicate 166 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11717 |
| 12          | F2TRS167      | BRR F2 transcript weight for replicate 167 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11727 |
| 12          | F2TRS168      | BRR F2 transcript weight for replicate 168 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11737 |
| 12          | F2TRS169      | BRR F2 transcript weight for replicate 169 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11747 |
| 12          | F2TRS170      | BRR F2 transcript weight for replicate 170 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11757 |
| 12          | F2TRS171      | BRR F2 transcript weight for replicate 171 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11767 |
| 12          | F2TRS172      | BRR F2 transcript weight for replicate 172 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11777 |
| 12          | F2TRS173      | BRR F2 transcript weight for replicate 173 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11787 |
| 12          | F2TRS174      | BRR F2 transcript weight for replicate 174 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11797 |
| 12          | F2TRS175      | BRR F2 transcript weight for replicate 175 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11807 |
| 12          | F2TRS176      | BRR F2 transcript weight for replicate 176 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11817 |
| 12          | F2TRS177      | BRR F2 transcript weight for replicate 177 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11827 |
| 12          | F2TRS178      | BRR F2 transcript weight for replicate 178 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11837 |
| 12          | F2TRS179      | BRR F2 transcript weight for replicate 179 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11847 |
| 12          | F2TRS180      | BRR F2 transcript weight for replicate 180 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11857 |
| 12          | F2TRS181      | BRR F2 transcript weight for replicate 181 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11867 |
| 12          | F2TRS182      | BRR F2 transcript weight for replicate 182 | F2 Transcript Weight Replicates | Rec #: 1, Pos: 11877 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description               | Position             |
|-------------|---------------|------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2TRS183      | BRR F2 transcript weight for replicate 183                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11887 |
| 12          | F2TRS184      | BRR F2 transcript weight for replicate 184                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11897 |
| 12          | F2TRS185      | BRR F2 transcript weight for replicate 185                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11907 |
| 12          | F2TRS186      | BRR F2 transcript weight for replicate 186                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11917 |
| 12          | F2TRS187      | BRR F2 transcript weight for replicate 187                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11927 |
| 12          | F2TRS188      | BRR F2 transcript weight for replicate 188                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11937 |
| 12          | F2TRS189      | BRR F2 transcript weight for replicate 189                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11947 |
| 12          | F2TRS190      | BRR F2 transcript weight for replicate 190                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11957 |
| 12          | F2TRS191      | BRR F2 transcript weight for replicate 191                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11967 |
| 12          | F2TRS192      | BRR F2 transcript weight for replicate 192                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11977 |
| 12          | F2TRS193      | BRR F2 transcript weight for replicate 193                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11987 |
| 12          | F2TRS194      | BRR F2 transcript weight for replicate 194                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 11997 |
| 12          | F2TRS195      | BRR F2 transcript weight for replicate 195                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12007 |
| 12          | F2TRS196      | BRR F2 transcript weight for replicate 196                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12017 |
| 12          | F2TRS197      | BRR F2 transcript weight for replicate 197                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12027 |
| 12          | F2TRS198      | BRR F2 transcript weight for replicate 198                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12037 |
| 12          | F2TRS199      | BRR F2 transcript weight for replicate 199                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12047 |
| 12          | F2TRS200      | BRR F2 transcript weight for replicate 200                 | F2 Transcript Weight Replicates   | Rec #: 1, Pos: 12057 |
| 12          | F2BYWT        | Second follow-up base year panel weight                    | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12067 |
| 12          | F2BYP1        | BRR F2 and BY (2006 and 2002) panel weight for replicate 1 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12077 |
| 12          | F2BYP2        | BRR F2 and BY (2006 and 2002) panel weight for replicate 2 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12087 |
| 12          | F2BYP3        | BRR F2 and BY (2006 and 2002) panel weight for replicate 3 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12097 |
| 12          | F2BYP4        | BRR F2 and BY (2006 and 2002) panel weight for replicate 4 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12107 |
| 12          | F2BYP5        | BRR F2 and BY (2006 and 2002) panel weight for replicate 5 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12117 |
| 12          | F2BYP6        | BRR F2 and BY (2006 and 2002) panel weight for replicate 6 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12127 |
| 12          | F2BYP7        | BRR F2 and BY (2006 and 2002) panel weight for replicate 7 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12137 |
| 12          | F2BYP8        | BRR F2 and BY (2006 and 2002) panel weight for replicate 8 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12147 |
| 12          | F2BYP9        | BRR F2 and BY (2006 and 2002) panel weight for replicate 9 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12157 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP10       | BRR F2 and BY (2006 and 2002) panel weight for replicate 10 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12167 |
| 12          | F2BYP11       | BRR F2 and BY (2006 and 2002) panel weight for replicate 11 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12177 |
| 12          | F2BYP12       | BRR F2 and BY (2006 and 2002) panel weight for replicate 12 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12187 |
| 12          | F2BYP13       | BRR F2 and BY (2006 and 2002) panel weight for replicate 13 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12197 |
| 12          | F2BYP14       | BRR F2 and BY (2006 and 2002) panel weight for replicate 14 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12207 |
| 12          | F2BYP15       | BRR F2 and BY (2006 and 2002) panel weight for replicate 15 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12217 |
| 12          | F2BYP16       | BRR F2 and BY (2006 and 2002) panel weight for replicate 16 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12227 |
| 12          | F2BYP17       | BRR F2 and BY (2006 and 2002) panel weight for replicate 17 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12237 |
| 12          | F2BYP18       | BRR F2 and BY (2006 and 2002) panel weight for replicate 18 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12247 |
| 12          | F2BYP19       | BRR F2 and BY (2006 and 2002) panel weight for replicate 19 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12257 |
| 12          | F2BYP20       | BRR F2 and BY (2006 and 2002) panel weight for replicate 20 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12267 |
| 12          | F2BYP21       | BRR F2 and BY (2006 and 2002) panel weight for replicate 21 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12277 |
| 12          | F2BYP22       | BRR F2 and BY (2006 and 2002) panel weight for replicate 22 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12287 |
| 12          | F2BYP23       | BRR F2 and BY (2006 and 2002) panel weight for replicate 23 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12297 |
| 12          | F2BYP24       | BRR F2 and BY (2006 and 2002) panel weight for replicate 24 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12307 |
| 12          | F2BYP25       | BRR F2 and BY (2006 and 2002) panel weight for replicate 25 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12317 |
| 12          | F2BYP26       | BRR F2 and BY (2006 and 2002) panel weight for replicate 26 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12327 |
| 12          | F2BYP27       | BRR F2 and BY (2006 and 2002) panel weight for replicate 27 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12337 |
| 12          | F2BYP28       | BRR F2 and BY (2006 and 2002) panel weight for replicate 28 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12347 |
| 12          | F2BYP29       | BRR F2 and BY (2006 and 2002) panel weight for replicate 29 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12357 |
| 12          | F2BYP30       | BRR F2 and BY (2006 and 2002) panel weight for replicate 30 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12367 |
| 12          | F2BYP31       | BRR F2 and BY (2006 and 2002) panel weight for replicate 31 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12377 |
| 12          | F2BYP32       | BRR F2 and BY (2006 and 2002) panel weight for replicate 32 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12387 |
| 12          | F2BYP33       | BRR F2 and BY (2006 and 2002) panel weight for replicate 33 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12397 |
| 12          | F2BYP34       | BRR F2 and BY (2006 and 2002) panel weight for replicate 34 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12407 |
| 12          | F2BYP35       | BRR F2 and BY (2006 and 2002) panel weight for replicate 35 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12417 |
| 12          | F2BYP36       | BRR F2 and BY (2006 and 2002) panel weight for replicate 36 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12427 |
| 12          | F2BYP37       | BRR F2 and BY (2006 and 2002) panel weight for replicate 37 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12437 |
| 12          | F2BYP38       | BRR F2 and BY (2006 and 2002) panel weight for replicate 38 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12447 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP39       | BRR F2 and BY (2006 and 2002) panel weight for replicate 39 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12457 |
| 12          | F2BYP40       | BRR F2 and BY (2006 and 2002) panel weight for replicate 40 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12467 |
| 12          | F2BYP41       | BRR F2 and BY (2006 and 2002) panel weight for replicate 41 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12477 |
| 12          | F2BYP42       | BRR F2 and BY (2006 and 2002) panel weight for replicate 42 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12487 |
| 12          | F2BYP43       | BRR F2 and BY (2006 and 2002) panel weight for replicate 43 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12497 |
| 12          | F2BYP44       | BRR F2 and BY (2006 and 2002) panel weight for replicate 44 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12507 |
| 12          | F2BYP45       | BRR F2 and BY (2006 and 2002) panel weight for replicate 45 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12517 |
| 12          | F2BYP46       | BRR F2 and BY (2006 and 2002) panel weight for replicate 46 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12527 |
| 12          | F2BYP47       | BRR F2 and BY (2006 and 2002) panel weight for replicate 47 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12537 |
| 12          | F2BYP48       | BRR F2 and BY (2006 and 2002) panel weight for replicate 48 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12547 |
| 12          | F2BYP49       | BRR F2 and BY (2006 and 2002) panel weight for replicate 49 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12557 |
| 12          | F2BYP50       | BRR F2 and BY (2006 and 2002) panel weight for replicate 50 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12567 |
| 12          | F2BYP51       | BRR F2 and BY (2006 and 2002) panel weight for replicate 51 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12577 |
| 12          | F2BYP52       | BRR F2 and BY (2006 and 2002) panel weight for replicate 52 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12587 |
| 12          | F2BYP53       | BRR F2 and BY (2006 and 2002) panel weight for replicate 53 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12597 |
| 12          | F2BYP54       | BRR F2 and BY (2006 and 2002) panel weight for replicate 54 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12607 |
| 12          | F2BYP55       | BRR F2 and BY (2006 and 2002) panel weight for replicate 55 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12617 |
| 12          | F2BYP56       | BRR F2 and BY (2006 and 2002) panel weight for replicate 56 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12627 |
| 12          | F2BYP57       | BRR F2 and BY (2006 and 2002) panel weight for replicate 57 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12637 |
| 12          | F2BYP58       | BRR F2 and BY (2006 and 2002) panel weight for replicate 58 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12647 |
| 12          | F2BYP59       | BRR F2 and BY (2006 and 2002) panel weight for replicate 59 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12657 |
| 12          | F2BYP60       | BRR F2 and BY (2006 and 2002) panel weight for replicate 60 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12667 |
| 12          | F2BYP61       | BRR F2 and BY (2006 and 2002) panel weight for replicate 61 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12677 |
| 12          | F2BYP62       | BRR F2 and BY (2006 and 2002) panel weight for replicate 62 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12687 |
| 12          | F2BYP63       | BRR F2 and BY (2006 and 2002) panel weight for replicate 63 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12697 |
| 12          | F2BYP64       | BRR F2 and BY (2006 and 2002) panel weight for replicate 64 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12707 |
| 12          | F2BYP65       | BRR F2 and BY (2006 and 2002) panel weight for replicate 65 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12717 |
| 12          | F2BYP66       | BRR F2 and BY (2006 and 2002) panel weight for replicate 66 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12727 |
| 12          | F2BYP67       | BRR F2 and BY (2006 and 2002) panel weight for replicate 67 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12737 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP68       | BRR F2 and BY (2006 and 2002) panel weight for replicate 68 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12747 |
| 12          | F2BYP69       | BRR F2 and BY (2006 and 2002) panel weight for replicate 69 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12757 |
| 12          | F2BYP70       | BRR F2 and BY (2006 and 2002) panel weight for replicate 70 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12767 |
| 12          | F2BYP71       | BRR F2 and BY (2006 and 2002) panel weight for replicate 71 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12777 |
| 12          | F2BYP72       | BRR F2 and BY (2006 and 2002) panel weight for replicate 72 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12787 |
| 12          | F2BYP73       | BRR F2 and BY (2006 and 2002) panel weight for replicate 73 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12797 |
| 12          | F2BYP74       | BRR F2 and BY (2006 and 2002) panel weight for replicate 74 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12807 |
| 12          | F2BYP75       | BRR F2 and BY (2006 and 2002) panel weight for replicate 75 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12817 |
| 12          | F2BYP76       | BRR F2 and BY (2006 and 2002) panel weight for replicate 76 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12827 |
| 12          | F2BYP77       | BRR F2 and BY (2006 and 2002) panel weight for replicate 77 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12837 |
| 12          | F2BYP78       | BRR F2 and BY (2006 and 2002) panel weight for replicate 78 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12847 |
| 12          | F2BYP79       | BRR F2 and BY (2006 and 2002) panel weight for replicate 79 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12857 |
| 12          | F2BYP80       | BRR F2 and BY (2006 and 2002) panel weight for replicate 80 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12867 |
| 12          | F2BYP81       | BRR F2 and BY (2006 and 2002) panel weight for replicate 81 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12877 |
| 12          | F2BYP82       | BRR F2 and BY (2006 and 2002) panel weight for replicate 82 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12887 |
| 12          | F2BYP83       | BRR F2 and BY (2006 and 2002) panel weight for replicate 83 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12897 |
| 12          | F2BYP84       | BRR F2 and BY (2006 and 2002) panel weight for replicate 84 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12907 |
| 12          | F2BYP85       | BRR F2 and BY (2006 and 2002) panel weight for replicate 85 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12917 |
| 12          | F2BYP86       | BRR F2 and BY (2006 and 2002) panel weight for replicate 86 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12927 |
| 12          | F2BYP87       | BRR F2 and BY (2006 and 2002) panel weight for replicate 87 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12937 |
| 12          | F2BYP88       | BRR F2 and BY (2006 and 2002) panel weight for replicate 88 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12947 |
| 12          | F2BYP89       | BRR F2 and BY (2006 and 2002) panel weight for replicate 89 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12957 |
| 12          | F2BYP90       | BRR F2 and BY (2006 and 2002) panel weight for replicate 90 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12967 |
| 12          | F2BYP91       | BRR F2 and BY (2006 and 2002) panel weight for replicate 91 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12977 |
| 12          | F2BYP92       | BRR F2 and BY (2006 and 2002) panel weight for replicate 92 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12987 |
| 12          | F2BYP93       | BRR F2 and BY (2006 and 2002) panel weight for replicate 93 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 12997 |
| 12          | F2BYP94       | BRR F2 and BY (2006 and 2002) panel weight for replicate 94 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13007 |
| 12          | F2BYP95       | BRR F2 and BY (2006 and 2002) panel weight for replicate 95 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13017 |
| 12          | F2BYP96       | BRR F2 and BY (2006 and 2002) panel weight for replicate 96 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13027 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP97       | BRR F2 and BY (2006 and 2002) panel weight for replicate 97  | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13037 |
| 12          | F2BYP98       | BRR F2 and BY (2006 and 2002) panel weight for replicate 98  | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13047 |
| 12          | F2BYP99       | BRR F2 and BY (2006 and 2002) panel weight for replicate 99  | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13057 |
| 12          | F2BYP100      | BRR F2 and BY (2006 and 2002) panel weight for replicate 100 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13067 |
| 12          | F2BYP101      | BRR F2 and BY (2006 and 2002) panel weight for replicate 101 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13077 |
| 12          | F2BYP102      | BRR F2 and BY (2006 and 2002) panel weight for replicate 102 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13087 |
| 12          | F2BYP103      | BRR F2 and BY (2006 and 2002) panel weight for replicate 103 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13097 |
| 12          | F2BYP104      | BRR F2 and BY (2006 and 2002) panel weight for replicate 104 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13107 |
| 12          | F2BYP105      | BRR F2 and BY (2006 and 2002) panel weight for replicate 105 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13117 |
| 12          | F2BYP106      | BRR F2 and BY (2006 and 2002) panel weight for replicate 106 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13127 |
| 12          | F2BYP107      | BRR F2 and BY (2006 and 2002) panel weight for replicate 107 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13137 |
| 12          | F2BYP108      | BRR F2 and BY (2006 and 2002) panel weight for replicate 108 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13147 |
| 12          | F2BYP109      | BRR F2 and BY (2006 and 2002) panel weight for replicate 109 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13157 |
| 12          | F2BYP110      | BRR F2 and BY (2006 and 2002) panel weight for replicate 110 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13167 |
| 12          | F2BYP111      | BRR F2 and BY (2006 and 2002) panel weight for replicate 111 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13177 |
| 12          | F2BYP112      | BRR F2 and BY (2006 and 2002) panel weight for replicate 112 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13187 |
| 12          | F2BYP113      | BRR F2 and BY (2006 and 2002) panel weight for replicate 113 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13197 |
| 12          | F2BYP114      | BRR F2 and BY (2006 and 2002) panel weight for replicate 114 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13207 |
| 12          | F2BYP115      | BRR F2 and BY (2006 and 2002) panel weight for replicate 115 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13217 |
| 12          | F2BYP116      | BRR F2 and BY (2006 and 2002) panel weight for replicate 116 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13227 |
| 12          | F2BYP117      | BRR F2 and BY (2006 and 2002) panel weight for replicate 117 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13237 |
| 12          | F2BYP118      | BRR F2 and BY (2006 and 2002) panel weight for replicate 118 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13247 |
| 12          | F2BYP119      | BRR F2 and BY (2006 and 2002) panel weight for replicate 119 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13257 |
| 12          | F2BYP120      | BRR F2 and BY (2006 and 2002) panel weight for replicate 120 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13267 |
| 12          | F2BYP121      | BRR F2 and BY (2006 and 2002) panel weight for replicate 121 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13277 |
| 12          | F2BYP122      | BRR F2 and BY (2006 and 2002) panel weight for replicate 122 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13287 |
| 12          | F2BYP123      | BRR F2 and BY (2006 and 2002) panel weight for replicate 123 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13297 |
| 12          | F2BYP124      | BRR F2 and BY (2006 and 2002) panel weight for replicate 124 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13307 |
| 12          | F2BYP125      | BRR F2 and BY (2006 and 2002) panel weight for replicate 125 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13317 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP126      | BRR F2 and BY (2006 and 2002) panel weight for replicate 126 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13327 |
| 12          | F2BYP127      | BRR F2 and BY (2006 and 2002) panel weight for replicate 127 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13337 |
| 12          | F2BYP128      | BRR F2 and BY (2006 and 2002) panel weight for replicate 128 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13347 |
| 12          | F2BYP129      | BRR F2 and BY (2006 and 2002) panel weight for replicate 129 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13357 |
| 12          | F2BYP130      | BRR F2 and BY (2006 and 2002) panel weight for replicate 130 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13367 |
| 12          | F2BYP131      | BRR F2 and BY (2006 and 2002) panel weight for replicate 131 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13377 |
| 12          | F2BYP132      | BRR F2 and BY (2006 and 2002) panel weight for replicate 132 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13387 |
| 12          | F2BYP133      | BRR F2 and BY (2006 and 2002) panel weight for replicate 133 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13397 |
| 12          | F2BYP134      | BRR F2 and BY (2006 and 2002) panel weight for replicate 134 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13407 |
| 12          | F2BYP135      | BRR F2 and BY (2006 and 2002) panel weight for replicate 135 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13417 |
| 12          | F2BYP136      | BRR F2 and BY (2006 and 2002) panel weight for replicate 136 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13427 |
| 12          | F2BYP137      | BRR F2 and BY (2006 and 2002) panel weight for replicate 137 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13437 |
| 12          | F2BYP138      | BRR F2 and BY (2006 and 2002) panel weight for replicate 138 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13447 |
| 12          | F2BYP139      | BRR F2 and BY (2006 and 2002) panel weight for replicate 139 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13457 |
| 12          | F2BYP140      | BRR F2 and BY (2006 and 2002) panel weight for replicate 140 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13467 |
| 12          | F2BYP141      | BRR F2 and BY (2006 and 2002) panel weight for replicate 141 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13477 |
| 12          | F2BYP142      | BRR F2 and BY (2006 and 2002) panel weight for replicate 142 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13487 |
| 12          | F2BYP143      | BRR F2 and BY (2006 and 2002) panel weight for replicate 143 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13497 |
| 12          | F2BYP144      | BRR F2 and BY (2006 and 2002) panel weight for replicate 144 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13507 |
| 12          | F2BYP145      | BRR F2 and BY (2006 and 2002) panel weight for replicate 145 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13517 |
| 12          | F2BYP146      | BRR F2 and BY (2006 and 2002) panel weight for replicate 146 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13527 |
| 12          | F2BYP147      | BRR F2 and BY (2006 and 2002) panel weight for replicate 147 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13537 |
| 12          | F2BYP148      | BRR F2 and BY (2006 and 2002) panel weight for replicate 148 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13547 |
| 12          | F2BYP149      | BRR F2 and BY (2006 and 2002) panel weight for replicate 149 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13557 |
| 12          | F2BYP150      | BRR F2 and BY (2006 and 2002) panel weight for replicate 150 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13567 |
| 12          | F2BYP151      | BRR F2 and BY (2006 and 2002) panel weight for replicate 151 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13577 |
| 12          | F2BYP152      | BRR F2 and BY (2006 and 2002) panel weight for replicate 152 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13587 |
| 12          | F2BYP153      | BRR F2 and BY (2006 and 2002) panel weight for replicate 153 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13597 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP154      | BRR F2 and BY (2006 and 2002) panel weight for replicate 154 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13607 |
| 12          | F2BYP155      | BRR F2 and BY (2006 and 2002) panel weight for replicate 155 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13617 |
| 12          | F2BYP156      | BRR F2 and BY (2006 and 2002) panel weight for replicate 156 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13627 |
| 12          | F2BYP157      | BRR F2 and BY (2006 and 2002) panel weight for replicate 157 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13637 |
| 12          | F2BYP158      | BRR F2 and BY (2006 and 2002) panel weight for replicate 158 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13647 |
| 12          | F2BYP159      | BRR F2 and BY (2006 and 2002) panel weight for replicate 159 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13657 |
| 12          | F2BYP160      | BRR F2 and BY (2006 and 2002) panel weight for replicate 160 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13667 |
| 12          | F2BYP161      | BRR F2 and BY (2006 and 2002) panel weight for replicate 161 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13677 |
| 12          | F2BYP162      | BRR F2 and BY (2006 and 2002) panel weight for replicate 162 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13687 |
| 12          | F2BYP163      | BRR F2 and BY (2006 and 2002) panel weight for replicate 163 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13697 |
| 12          | F2BYP164      | BRR F2 and BY (2006 and 2002) panel weight for replicate 164 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13707 |
| 12          | F2BYP165      | BRR F2 and BY (2006 and 2002) panel weight for replicate 165 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13717 |
| 12          | F2BYP166      | BRR F2 and BY (2006 and 2002) panel weight for replicate 166 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13727 |
| 12          | F2BYP167      | BRR F2 and BY (2006 and 2002) panel weight for replicate 167 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13737 |
| 12          | F2BYP168      | BRR F2 and BY (2006 and 2002) panel weight for replicate 168 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13747 |
| 12          | F2BYP169      | BRR F2 and BY (2006 and 2002) panel weight for replicate 169 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13757 |
| 12          | F2BYP170      | BRR F2 and BY (2006 and 2002) panel weight for replicate 170 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13767 |
| 12          | F2BYP171      | BRR F2 and BY (2006 and 2002) panel weight for replicate 171 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13777 |
| 12          | F2BYP172      | BRR F2 and BY (2006 and 2002) panel weight for replicate 172 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13787 |
| 12          | F2BYP173      | BRR F2 and BY (2006 and 2002) panel weight for replicate 173 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13797 |
| 12          | F2BYP174      | BRR F2 and BY (2006 and 2002) panel weight for replicate 174 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13807 |
| 12          | F2BYP175      | BRR F2 and BY (2006 and 2002) panel weight for replicate 175 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13817 |
| 12          | F2BYP176      | BRR F2 and BY (2006 and 2002) panel weight for replicate 176 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13827 |
| 12          | F2BYP177      | BRR F2 and BY (2006 and 2002) panel weight for replicate 177 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13837 |
| 12          | F2BYP178      | BRR F2 and BY (2006 and 2002) panel weight for replicate 178 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13847 |
| 12          | F2BYP179      | BRR F2 and BY (2006 and 2002) panel weight for replicate 179 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13857 |
| 12          | F2BYP180      | BRR F2 and BY (2006 and 2002) panel weight for replicate 180 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13867 |
| 12          | F2BYP181      | BRR F2 and BY (2006 and 2002) panel weight for replicate 181 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13877 |
| 12          | F2BYP182      | BRR F2 and BY (2006 and 2002) panel weight for replicate 182 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13887 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2BYP183      | BRR F2 and BY (2006 and 2002) panel weight for replicate 183 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13897 |
| 12          | F2BYP184      | BRR F2 and BY (2006 and 2002) panel weight for replicate 184 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13907 |
| 12          | F2BYP185      | BRR F2 and BY (2006 and 2002) panel weight for replicate 185 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13917 |
| 12          | F2BYP186      | BRR F2 and BY (2006 and 2002) panel weight for replicate 186 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13927 |
| 12          | F2BYP187      | BRR F2 and BY (2006 and 2002) panel weight for replicate 187 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13937 |
| 12          | F2BYP188      | BRR F2 and BY (2006 and 2002) panel weight for replicate 188 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13947 |
| 12          | F2BYP189      | BRR F2 and BY (2006 and 2002) panel weight for replicate 189 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13957 |
| 12          | F2BYP190      | BRR F2 and BY (2006 and 2002) panel weight for replicate 190 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13967 |
| 12          | F2BYP191      | BRR F2 and BY (2006 and 2002) panel weight for replicate 191 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13977 |
| 12          | F2BYP192      | BRR F2 and BY (2006 and 2002) panel weight for replicate 192 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13987 |
| 12          | F2BYP193      | BRR F2 and BY (2006 and 2002) panel weight for replicate 193 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 13997 |
| 12          | F2BYP194      | BRR F2 and BY (2006 and 2002) panel weight for replicate 194 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14007 |
| 12          | F2BYP195      | BRR F2 and BY (2006 and 2002) panel weight for replicate 195 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14017 |
| 12          | F2BYP196      | BRR F2 and BY (2006 and 2002) panel weight for replicate 196 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14027 |
| 12          | F2BYP197      | BRR F2 and BY (2006 and 2002) panel weight for replicate 197 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14037 |
| 12          | F2BYP198      | BRR F2 and BY (2006 and 2002) panel weight for replicate 198 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14047 |
| 12          | F2BYP199      | BRR F2 and BY (2006 and 2002) panel weight for replicate 199 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14057 |
| 12          | F2BYP200      | BRR F2 and BY (2006 and 2002) panel weight for replicate 200 | F2 and BY Panel Weight Replicates | Rec #: 1, Pos: 14067 |
| 12          | F2F1WT        | Second follow-up first follow-up panel weight                | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14077 |
| 12          | F2F1P1        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 1   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14087 |
| 12          | F2F1P2        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 2   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14097 |
| 12          | F2F1P3        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 3   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14107 |
| 12          | F2F1P4        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 4   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14117 |
| 12          | F2F1P5        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 5   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14127 |
| 12          | F2F1P6        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 6   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14137 |
| 12          | F2F1P7        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 7   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14147 |
| 12          | F2F1P8        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 8   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14157 |
| 12          | F2F1P9        | BRR F2 and F1 (2006 and 2004) panel weight for replicate 9   | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14167 |
| 12          | F2F1P10       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 10  | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14177 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P11       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 11 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14187 |
| 12          | F2F1P12       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 12 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14197 |
| 12          | F2F1P13       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 13 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14207 |
| 12          | F2F1P14       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 14 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14217 |
| 12          | F2F1P15       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 15 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14227 |
| 12          | F2F1P16       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 16 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14237 |
| 12          | F2F1P17       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 17 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14247 |
| 12          | F2F1P18       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 18 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14257 |
| 12          | F2F1P19       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 19 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14267 |
| 12          | F2F1P20       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 20 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14277 |
| 12          | F2F1P21       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 21 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14287 |
| 12          | F2F1P22       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 22 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14297 |
| 12          | F2F1P23       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 23 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14307 |
| 12          | F2F1P24       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 24 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14317 |
| 12          | F2F1P25       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 25 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14327 |
| 12          | F2F1P26       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 26 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14337 |
| 12          | F2F1P27       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 27 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14347 |
| 12          | F2F1P28       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 28 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14357 |
| 12          | F2F1P29       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 29 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14367 |
| 12          | F2F1P30       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 30 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14377 |
| 12          | F2F1P31       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 31 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14387 |
| 12          | F2F1P32       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 32 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14397 |
| 12          | F2F1P33       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 33 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14407 |
| 12          | F2F1P34       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 34 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14417 |
| 12          | F2F1P35       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 35 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14427 |
| 12          | F2F1P36       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 36 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14437 |
| 12          | F2F1P37       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 37 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14447 |
| 12          | F2F1P38       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 38 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14457 |
| 12          | F2F1P39       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 39 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14467 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P40       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 40 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14477 |
| 12          | F2F1P41       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 41 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14487 |
| 12          | F2F1P42       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 42 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14497 |
| 12          | F2F1P43       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 43 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14507 |
| 12          | F2F1P44       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 44 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14517 |
| 12          | F2F1P45       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 45 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14527 |
| 12          | F2F1P46       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 46 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14537 |
| 12          | F2F1P47       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 47 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14547 |
| 12          | F2F1P48       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 48 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14557 |
| 12          | F2F1P49       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 49 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14567 |
| 12          | F2F1P50       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 50 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14577 |
| 12          | F2F1P51       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 51 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14587 |
| 12          | F2F1P52       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 52 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14597 |
| 12          | F2F1P53       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 53 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14607 |
| 12          | F2F1P54       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 54 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14617 |
| 12          | F2F1P55       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 55 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14627 |
| 12          | F2F1P56       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 56 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14637 |
| 12          | F2F1P57       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 57 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14647 |
| 12          | F2F1P58       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 58 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14657 |
| 12          | F2F1P59       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 59 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14667 |
| 12          | F2F1P60       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 60 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14677 |
| 12          | F2F1P61       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 61 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14687 |
| 12          | F2F1P62       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 62 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14697 |
| 12          | F2F1P63       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 63 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14707 |
| 12          | F2F1P64       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 64 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14717 |
| 12          | F2F1P65       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 65 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14727 |
| 12          | F2F1P66       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 66 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14737 |
| 12          | F2F1P67       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 67 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14747 |
| 12          | F2F1P68       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 68 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14757 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P69       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 69 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14767 |
| 12          | F2F1P70       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 70 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14777 |
| 12          | F2F1P71       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 71 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14787 |
| 12          | F2F1P72       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 72 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14797 |
| 12          | F2F1P73       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 73 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14807 |
| 12          | F2F1P74       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 74 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14817 |
| 12          | F2F1P75       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 75 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14827 |
| 12          | F2F1P76       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 76 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14837 |
| 12          | F2F1P77       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 77 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14847 |
| 12          | F2F1P78       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 78 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14857 |
| 12          | F2F1P79       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 79 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14867 |
| 12          | F2F1P80       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 80 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14877 |
| 12          | F2F1P81       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 81 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14887 |
| 12          | F2F1P82       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 82 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14897 |
| 12          | F2F1P83       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 83 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14907 |
| 12          | F2F1P84       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 84 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14917 |
| 12          | F2F1P85       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 85 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14927 |
| 12          | F2F1P86       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 86 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14937 |
| 12          | F2F1P87       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 87 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14947 |
| 12          | F2F1P88       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 88 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14957 |
| 12          | F2F1P89       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 89 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14967 |
| 12          | F2F1P90       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 90 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14977 |
| 12          | F2F1P91       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 91 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14987 |
| 12          | F2F1P92       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 92 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 14997 |
| 12          | F2F1P93       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 93 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15007 |
| 12          | F2F1P94       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 94 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15017 |
| 12          | F2F1P95       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 95 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15027 |
| 12          | F2F1P96       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 96 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15037 |
| 12          | F2F1P97       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 97 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15047 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P98       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 98  | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15057 |
| 12          | F2F1P99       | BRR F2 and F1 (2006 and 2004) panel weight for replicate 99  | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15067 |
| 12          | F2F1P100      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 100 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15077 |
| 12          | F2F1P101      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 101 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15087 |
| 12          | F2F1P102      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 102 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15097 |
| 12          | F2F1P103      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 103 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15107 |
| 12          | F2F1P104      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 104 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15117 |
| 12          | F2F1P105      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 105 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15127 |
| 12          | F2F1P106      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 106 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15137 |
| 12          | F2F1P107      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 107 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15147 |
| 12          | F2F1P108      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 108 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15157 |
| 12          | F2F1P109      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 109 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15167 |
| 12          | F2F1P110      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 110 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15177 |
| 12          | F2F1P111      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 111 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15187 |
| 12          | F2F1P112      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 112 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15197 |
| 12          | F2F1P113      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 113 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15207 |
| 12          | F2F1P114      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 114 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15217 |
| 12          | F2F1P115      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 115 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15227 |
| 12          | F2F1P116      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 116 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15237 |
| 12          | F2F1P117      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 117 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15247 |
| 12          | F2F1P118      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 118 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15257 |
| 12          | F2F1P119      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 119 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15267 |
| 12          | F2F1P120      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 120 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15277 |
| 12          | F2F1P121      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 121 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15287 |
| 12          | F2F1P122      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 122 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15297 |
| 12          | F2F1P123      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 123 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15307 |
| 12          | F2F1P124      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 124 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15317 |
| 12          | F2F1P125      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 125 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15327 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P126      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 126 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15337 |
| 12          | F2F1P127      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 127 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15347 |
| 12          | F2F1P128      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 128 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15357 |
| 12          | F2F1P129      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 129 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15367 |
| 12          | F2F1P130      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 130 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15377 |
| 12          | F2F1P131      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 131 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15387 |
| 12          | F2F1P132      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 132 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15397 |
| 12          | F2F1P133      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 133 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15407 |
| 12          | F2F1P134      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 134 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15417 |
| 12          | F2F1P135      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 135 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15427 |
| 12          | F2F1P136      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 136 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15437 |
| 12          | F2F1P137      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 137 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15447 |
| 12          | F2F1P138      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 138 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15457 |
| 12          | F2F1P139      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 139 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15467 |
| 12          | F2F1P140      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 140 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15477 |
| 12          | F2F1P141      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 141 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15487 |
| 12          | F2F1P142      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 142 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15497 |
| 12          | F2F1P143      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 143 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15507 |
| 12          | F2F1P144      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 144 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15517 |
| 12          | F2F1P145      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 145 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15527 |
| 12          | F2F1P146      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 146 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15537 |
| 12          | F2F1P147      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 147 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15547 |
| 12          | F2F1P148      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 148 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15557 |
| 12          | F2F1P149      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 149 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15567 |
| 12          | F2F1P150      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 150 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15577 |
| 12          | F2F1P151      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 151 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15587 |
| 12          | F2F1P152      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 152 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15597 |
| 12          | F2F1P153      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 153 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15607 |
| 12          | F2F1P154      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 154 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15617 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F2F1P155      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 155 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15627 |
| 12          | F2F1P156      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 156 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15637 |
| 12          | F2F1P157      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 157 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15647 |
| 12          | F2F1P158      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 158 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15657 |
| 12          | F2F1P159      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 159 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15667 |
| 12          | F2F1P160      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 160 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15677 |
| 12          | F2F1P161      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 161 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15687 |
| 12          | F2F1P162      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 162 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15697 |
| 12          | F2F1P163      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 163 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15707 |
| 12          | F2F1P164      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 164 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15717 |
| 12          | F2F1P165      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 165 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15727 |
| 12          | F2F1P166      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 166 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15737 |
| 12          | F2F1P167      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 167 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15747 |
| 12          | F2F1P168      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 168 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15757 |
| 12          | F2F1P169      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 169 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15767 |
| 12          | F2F1P170      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 170 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15777 |
| 12          | F2F1P171      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 171 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15787 |
| 12          | F2F1P172      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 172 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15797 |
| 12          | F2F1P173      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 173 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15807 |
| 12          | F2F1P174      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 174 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15817 |
| 12          | F2F1P175      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 175 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15827 |
| 12          | F2F1P176      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 176 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15837 |
| 12          | F2F1P177      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 177 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15847 |
| 12          | F2F1P178      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 178 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15857 |
| 12          | F2F1P179      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 179 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15867 |
| 12          | F2F1P180      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 180 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15877 |
| 12          | F2F1P181      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 181 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15887 |
| 12          | F2F1P182      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 182 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15897 |
| 12          | F2F1P183      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 183 | F2 and F1 Panel Weight Replicates | Rec #: 1, Pos: 15907 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description                | Position             |
|-------------|---------------|--------------------------------------------------------------|------------------------------------|----------------------|
| 12          | F2F1P184      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 184 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15917 |
| 12          | F2F1P185      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 185 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15927 |
| 12          | F2F1P186      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 186 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15937 |
| 12          | F2F1P187      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 187 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15947 |
| 12          | F2F1P188      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 188 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15957 |
| 12          | F2F1P189      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 189 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15967 |
| 12          | F2F1P190      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 190 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15977 |
| 12          | F2F1P191      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 191 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15987 |
| 12          | F2F1P192      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 192 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 15997 |
| 12          | F2F1P193      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 193 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16007 |
| 12          | F2F1P194      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 194 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16017 |
| 12          | F2F1P195      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 195 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16027 |
| 12          | F2F1P196      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 196 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16037 |
| 12          | F2F1P197      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 197 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16047 |
| 12          | F2F1P198      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 198 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16057 |
| 12          | F2F1P199      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 199 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16067 |
| 12          | F2F1P200      | BRR F2 and F1 (2006 and 2004) panel weight for replicate 200 | F2 and F1 Panel Weight Replicates  | Rec #: 1, Pos: 16077 |
| 12          | F3QWT         | Third follow-up questionnaire respondent weight              | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16087 |
| 12          | F3Q001        | BRR F3 cross-sectional weight for replicate 1                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16097 |
| 12          | F3Q002        | BRR F3 cross-sectional weight for replicate 2                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16107 |
| 12          | F3Q003        | BRR F3 cross-sectional weight for replicate 3                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16117 |
| 12          | F3Q004        | BRR F3 cross-sectional weight for replicate 4                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16127 |
| 12          | F3Q005        | BRR F3 cross-sectional weight for replicate 5                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16137 |
| 12          | F3Q006        | BRR F3 cross-sectional weight for replicate 6                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16147 |
| 12          | F3Q007        | BRR F3 cross-sectional weight for replicate 7                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16157 |
| 12          | F3Q008        | BRR F3 cross-sectional weight for replicate 8                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16167 |
| 12          | F3Q009        | BRR F3 cross-sectional weight for replicate 9                | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16177 |
| 12          | F3Q010        | BRR F3 cross-sectional weight for replicate 10               | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16187 |
| 12          | F3Q011        | BRR F3 cross-sectional weight for replicate 11               | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16197 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description                | Position             |
|-------------|---------------|------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q012        | BRR F3 cross-sectional weight for replicate 12 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16207 |
| 12          | F3Q013        | BRR F3 cross-sectional weight for replicate 13 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16217 |
| 12          | F3Q014        | BRR F3 cross-sectional weight for replicate 14 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16227 |
| 12          | F3Q015        | BRR F3 cross-sectional weight for replicate 15 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16237 |
| 12          | F3Q016        | BRR F3 cross-sectional weight for replicate 16 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16247 |
| 12          | F3Q017        | BRR F3 cross-sectional weight for replicate 17 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16257 |
| 12          | F3Q018        | BRR F3 cross-sectional weight for replicate 18 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16267 |
| 12          | F3Q019        | BRR F3 cross-sectional weight for replicate 19 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16277 |
| 12          | F3Q020        | BRR F3 cross-sectional weight for replicate 20 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16287 |
| 12          | F3Q021        | BRR F3 cross-sectional weight for replicate 21 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16297 |
| 12          | F3Q022        | BRR F3 cross-sectional weight for replicate 22 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16307 |
| 12          | F3Q023        | BRR F3 cross-sectional weight for replicate 23 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16317 |
| 12          | F3Q024        | BRR F3 cross-sectional weight for replicate 24 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16327 |
| 12          | F3Q025        | BRR F3 cross-sectional weight for replicate 25 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16337 |
| 12          | F3Q026        | BRR F3 cross-sectional weight for replicate 26 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16347 |
| 12          | F3Q027        | BRR F3 cross-sectional weight for replicate 27 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16357 |
| 12          | F3Q028        | BRR F3 cross-sectional weight for replicate 28 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16367 |
| 12          | F3Q029        | BRR F3 cross-sectional weight for replicate 29 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16377 |
| 12          | F3Q030        | BRR F3 cross-sectional weight for replicate 30 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16387 |
| 12          | F3Q031        | BRR F3 cross-sectional weight for replicate 31 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16397 |
| 12          | F3Q032        | BRR F3 cross-sectional weight for replicate 32 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16407 |
| 12          | F3Q033        | BRR F3 cross-sectional weight for replicate 33 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16417 |
| 12          | F3Q034        | BRR F3 cross-sectional weight for replicate 34 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16427 |
| 12          | F3Q035        | BRR F3 cross-sectional weight for replicate 35 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16437 |
| 12          | F3Q036        | BRR F3 cross-sectional weight for replicate 36 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16447 |
| 12          | F3Q037        | BRR F3 cross-sectional weight for replicate 37 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16457 |
| 12          | F3Q038        | BRR F3 cross-sectional weight for replicate 38 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16467 |
| 12          | F3Q039        | BRR F3 cross-sectional weight for replicate 39 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16477 |
| 12          | F3Q040        | BRR F3 cross-sectional weight for replicate 40 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16487 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description                | Position             |
|-------------|---------------|------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q041        | BRR F3 cross-sectional weight for replicate 41 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16497 |
| 12          | F3Q042        | BRR F3 cross-sectional weight for replicate 42 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16507 |
| 12          | F3Q043        | BRR F3 cross-sectional weight for replicate 43 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16517 |
| 12          | F3Q044        | BRR F3 cross-sectional weight for replicate 44 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16527 |
| 12          | F3Q045        | BRR F3 cross-sectional weight for replicate 45 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16537 |
| 12          | F3Q046        | BRR F3 cross-sectional weight for replicate 46 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16547 |
| 12          | F3Q047        | BRR F3 cross-sectional weight for replicate 47 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16557 |
| 12          | F3Q048        | BRR F3 cross-sectional weight for replicate 48 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16567 |
| 12          | F3Q049        | BRR F3 cross-sectional weight for replicate 49 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16577 |
| 12          | F3Q050        | BRR F3 cross-sectional weight for replicate 50 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16587 |
| 12          | F3Q051        | BRR F3 cross-sectional weight for replicate 51 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16597 |
| 12          | F3Q052        | BRR F3 cross-sectional weight for replicate 52 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16607 |
| 12          | F3Q053        | BRR F3 cross-sectional weight for replicate 53 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16617 |
| 12          | F3Q054        | BRR F3 cross-sectional weight for replicate 54 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16627 |
| 12          | F3Q055        | BRR F3 cross-sectional weight for replicate 55 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16637 |
| 12          | F3Q056        | BRR F3 cross-sectional weight for replicate 56 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16647 |
| 12          | F3Q057        | BRR F3 cross-sectional weight for replicate 57 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16657 |
| 12          | F3Q058        | BRR F3 cross-sectional weight for replicate 58 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16667 |
| 12          | F3Q059        | BRR F3 cross-sectional weight for replicate 59 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16677 |
| 12          | F3Q060        | BRR F3 cross-sectional weight for replicate 60 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16687 |
| 12          | F3Q061        | BRR F3 cross-sectional weight for replicate 61 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16697 |
| 12          | F3Q062        | BRR F3 cross-sectional weight for replicate 62 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16707 |
| 12          | F3Q063        | BRR F3 cross-sectional weight for replicate 63 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16717 |
| 12          | F3Q064        | BRR F3 cross-sectional weight for replicate 64 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16727 |
| 12          | F3Q065        | BRR F3 cross-sectional weight for replicate 65 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16737 |
| 12          | F3Q066        | BRR F3 cross-sectional weight for replicate 66 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16747 |
| 12          | F3Q067        | BRR F3 cross-sectional weight for replicate 67 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16757 |
| 12          | F3Q068        | BRR F3 cross-sectional weight for replicate 68 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16767 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                 | Section Description                | Position             |
|-------------|---------------|------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q069        | BRR F3 cross-sectional weight for replicate 69 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16777 |
| 12          | F3Q070        | BRR F3 cross-sectional weight for replicate 70 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16787 |
| 12          | F3Q071        | BRR F3 cross-sectional weight for replicate 71 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16797 |
| 12          | F3Q072        | BRR F3 cross-sectional weight for replicate 72 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16807 |
| 12          | F3Q073        | BRR F3 cross-sectional weight for replicate 73 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16817 |
| 12          | F3Q074        | BRR F3 cross-sectional weight for replicate 74 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16827 |
| 12          | F3Q075        | BRR F3 cross-sectional weight for replicate 75 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16837 |
| 12          | F3Q076        | BRR F3 cross-sectional weight for replicate 76 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16847 |
| 12          | F3Q077        | BRR F3 cross-sectional weight for replicate 77 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16857 |
| 12          | F3Q078        | BRR F3 cross-sectional weight for replicate 78 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16867 |
| 12          | F3Q079        | BRR F3 cross-sectional weight for replicate 79 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16877 |
| 12          | F3Q080        | BRR F3 cross-sectional weight for replicate 80 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16887 |
| 12          | F3Q081        | BRR F3 cross-sectional weight for replicate 81 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16897 |
| 12          | F3Q082        | BRR F3 cross-sectional weight for replicate 82 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16907 |
| 12          | F3Q083        | BRR F3 cross-sectional weight for replicate 83 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16917 |
| 12          | F3Q084        | BRR F3 cross-sectional weight for replicate 84 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16927 |
| 12          | F3Q085        | BRR F3 cross-sectional weight for replicate 85 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16937 |
| 12          | F3Q086        | BRR F3 cross-sectional weight for replicate 86 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16947 |
| 12          | F3Q087        | BRR F3 cross-sectional weight for replicate 87 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16957 |
| 12          | F3Q088        | BRR F3 cross-sectional weight for replicate 88 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16967 |
| 12          | F3Q089        | BRR F3 cross-sectional weight for replicate 89 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16977 |
| 12          | F3Q090        | BRR F3 cross-sectional weight for replicate 90 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16987 |
| 12          | F3Q091        | BRR F3 cross-sectional weight for replicate 91 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 16997 |
| 12          | F3Q092        | BRR F3 cross-sectional weight for replicate 92 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17007 |
| 12          | F3Q093        | BRR F3 cross-sectional weight for replicate 93 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17017 |
| 12          | F3Q094        | BRR F3 cross-sectional weight for replicate 94 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17027 |
| 12          | F3Q095        | BRR F3 cross-sectional weight for replicate 95 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17037 |
| 12          | F3Q096        | BRR F3 cross-sectional weight for replicate 96 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17047 |
| 12          | F3Q097        | BRR F3 cross-sectional weight for replicate 97 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17057 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description                | Position             |
|-------------|---------------|-------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q098        | BRR F3 cross-sectional weight for replicate 98  | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17067 |
| 12          | F3Q099        | BRR F3 cross-sectional weight for replicate 99  | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17077 |
| 12          | F3Q100        | BRR F3 cross-sectional weight for replicate 100 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17087 |
| 12          | F3Q101        | BRR F3 cross-sectional weight for replicate 101 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17097 |
| 12          | F3Q102        | BRR F3 cross-sectional weight for replicate 102 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17107 |
| 12          | F3Q103        | BRR F3 cross-sectional weight for replicate 103 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17117 |
| 12          | F3Q104        | BRR F3 cross-sectional weight for replicate 104 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17127 |
| 12          | F3Q105        | BRR F3 cross-sectional weight for replicate 105 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17137 |
| 12          | F3Q106        | BRR F3 cross-sectional weight for replicate 106 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17147 |
| 12          | F3Q107        | BRR F3 cross-sectional weight for replicate 107 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17157 |
| 12          | F3Q108        | BRR F3 cross-sectional weight for replicate 108 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17167 |
| 12          | F3Q109        | BRR F3 cross-sectional weight for replicate 109 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17177 |
| 12          | F3Q110        | BRR F3 cross-sectional weight for replicate 110 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17187 |
| 12          | F3Q111        | BRR F3 cross-sectional weight for replicate 111 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17197 |
| 12          | F3Q112        | BRR F3 cross-sectional weight for replicate 112 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17207 |
| 12          | F3Q113        | BRR F3 cross-sectional weight for replicate 113 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17217 |
| 12          | F3Q114        | BRR F3 cross-sectional weight for replicate 114 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17227 |
| 12          | F3Q115        | BRR F3 cross-sectional weight for replicate 115 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17237 |
| 12          | F3Q116        | BRR F3 cross-sectional weight for replicate 116 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17247 |
| 12          | F3Q117        | BRR F3 cross-sectional weight for replicate 117 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17257 |
| 12          | F3Q118        | BRR F3 cross-sectional weight for replicate 118 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17267 |
| 12          | F3Q119        | BRR F3 cross-sectional weight for replicate 119 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17277 |
| 12          | F3Q120        | BRR F3 cross-sectional weight for replicate 120 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17287 |
| 12          | F3Q121        | BRR F3 cross-sectional weight for replicate 121 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17297 |
| 12          | F3Q122        | BRR F3 cross-sectional weight for replicate 122 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17307 |
| 12          | F3Q123        | BRR F3 cross-sectional weight for replicate 123 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17317 |
| 12          | F3Q124        | BRR F3 cross-sectional weight for replicate 124 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17327 |
| 12          | F3Q125        | BRR F3 cross-sectional weight for replicate 125 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17337 |
| 12          | F3Q126        | BRR F3 cross-sectional weight for replicate 126 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17347 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description                | Position             |
|-------------|---------------|-------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q127        | BRR F3 cross-sectional weight for replicate 127 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17357 |
| 12          | F3Q128        | BRR F3 cross-sectional weight for replicate 128 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17367 |
| 12          | F3Q129        | BRR F3 cross-sectional weight for replicate 129 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17377 |
| 12          | F3Q130        | BRR F3 cross-sectional weight for replicate 130 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17387 |
| 12          | F3Q131        | BRR F3 cross-sectional weight for replicate 131 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17397 |
| 12          | F3Q132        | BRR F3 cross-sectional weight for replicate 132 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17407 |
| 12          | F3Q133        | BRR F3 cross-sectional weight for replicate 133 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17417 |
| 12          | F3Q134        | BRR F3 cross-sectional weight for replicate 134 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17427 |
| 12          | F3Q135        | BRR F3 cross-sectional weight for replicate 135 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17437 |
| 12          | F3Q136        | BRR F3 cross-sectional weight for replicate 136 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17447 |
| 12          | F3Q137        | BRR F3 cross-sectional weight for replicate 137 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17457 |
| 12          | F3Q138        | BRR F3 cross-sectional weight for replicate 138 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17467 |
| 12          | F3Q139        | BRR F3 cross-sectional weight for replicate 139 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17477 |
| 12          | F3Q140        | BRR F3 cross-sectional weight for replicate 140 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17487 |
| 12          | F3Q141        | BRR F3 cross-sectional weight for replicate 141 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17497 |
| 12          | F3Q142        | BRR F3 cross-sectional weight for replicate 142 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17507 |
| 12          | F3Q143        | BRR F3 cross-sectional weight for replicate 143 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17517 |
| 12          | F3Q144        | BRR F3 cross-sectional weight for replicate 144 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17527 |
| 12          | F3Q145        | BRR F3 cross-sectional weight for replicate 145 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17537 |
| 12          | F3Q146        | BRR F3 cross-sectional weight for replicate 146 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17547 |
| 12          | F3Q147        | BRR F3 cross-sectional weight for replicate 147 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17557 |
| 12          | F3Q148        | BRR F3 cross-sectional weight for replicate 148 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17567 |
| 12          | F3Q149        | BRR F3 cross-sectional weight for replicate 149 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17577 |
| 12          | F3Q150        | BRR F3 cross-sectional weight for replicate 150 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17587 |
| 12          | F3Q151        | BRR F3 cross-sectional weight for replicate 151 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17597 |
| 12          | F3Q152        | BRR F3 cross-sectional weight for replicate 152 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17607 |
| 12          | F3Q153        | BRR F3 cross-sectional weight for replicate 153 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17617 |
| 12          | F3Q154        | BRR F3 cross-sectional weight for replicate 154 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17627 |
| 12          | F3Q155        | BRR F3 cross-sectional weight for replicate 155 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17637 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                  | Section Description                | Position             |
|-------------|---------------|-------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q156        | BRR F3 cross-sectional weight for replicate 156 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17647 |
| 12          | F3Q157        | BRR F3 cross-sectional weight for replicate 157 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17657 |
| 12          | F3Q158        | BRR F3 cross-sectional weight for replicate 158 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17667 |
| 12          | F3Q159        | BRR F3 cross-sectional weight for replicate 159 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17677 |
| 12          | F3Q160        | BRR F3 cross-sectional weight for replicate 160 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17687 |
| 12          | F3Q161        | BRR F3 cross-sectional weight for replicate 161 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17697 |
| 12          | F3Q162        | BRR F3 cross-sectional weight for replicate 162 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17707 |
| 12          | F3Q163        | BRR F3 cross-sectional weight for replicate 163 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17717 |
| 12          | F3Q164        | BRR F3 cross-sectional weight for replicate 164 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17727 |
| 12          | F3Q165        | BRR F3 cross-sectional weight for replicate 165 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17737 |
| 12          | F3Q166        | BRR F3 cross-sectional weight for replicate 166 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17747 |
| 12          | F3Q167        | BRR F3 cross-sectional weight for replicate 167 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17757 |
| 12          | F3Q168        | BRR F3 cross-sectional weight for replicate 168 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17767 |
| 12          | F3Q169        | BRR F3 cross-sectional weight for replicate 169 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17777 |
| 12          | F3Q170        | BRR F3 cross-sectional weight for replicate 170 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17787 |
| 12          | F3Q171        | BRR F3 cross-sectional weight for replicate 171 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17797 |
| 12          | F3Q172        | BRR F3 cross-sectional weight for replicate 172 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17807 |
| 12          | F3Q173        | BRR F3 cross-sectional weight for replicate 173 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17817 |
| 12          | F3Q174        | BRR F3 cross-sectional weight for replicate 174 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17827 |
| 12          | F3Q175        | BRR F3 cross-sectional weight for replicate 175 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17837 |
| 12          | F3Q176        | BRR F3 cross-sectional weight for replicate 176 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17847 |
| 12          | F3Q177        | BRR F3 cross-sectional weight for replicate 177 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17857 |
| 12          | F3Q178        | BRR F3 cross-sectional weight for replicate 178 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17867 |
| 12          | F3Q179        | BRR F3 cross-sectional weight for replicate 179 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17877 |
| 12          | F3Q180        | BRR F3 cross-sectional weight for replicate 180 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17887 |
| 12          | F3Q181        | BRR F3 cross-sectional weight for replicate 181 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17897 |
| 12          | F3Q182        | BRR F3 cross-sectional weight for replicate 182 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17907 |
| 12          | F3Q183        | BRR F3 cross-sectional weight for replicate 183 | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17917 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description                | Position             |
|-------------|---------------|-------------------------------------------------------------|------------------------------------|----------------------|
| 12          | F3Q184        | BRR F3 cross-sectional weight for replicate 184             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17927 |
| 12          | F3Q185        | BRR F3 cross-sectional weight for replicate 185             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17937 |
| 12          | F3Q186        | BRR F3 cross-sectional weight for replicate 186             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17947 |
| 12          | F3Q187        | BRR F3 cross-sectional weight for replicate 187             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17957 |
| 12          | F3Q188        | BRR F3 cross-sectional weight for replicate 188             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17967 |
| 12          | F3Q189        | BRR F3 cross-sectional weight for replicate 189             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17977 |
| 12          | F3Q190        | BRR F3 cross-sectional weight for replicate 190             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17987 |
| 12          | F3Q191        | BRR F3 cross-sectional weight for replicate 191             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 17997 |
| 12          | F3Q192        | BRR F3 cross-sectional weight for replicate 192             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18007 |
| 12          | F3Q193        | BRR F3 cross-sectional weight for replicate 193             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18017 |
| 12          | F3Q194        | BRR F3 cross-sectional weight for replicate 194             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18027 |
| 12          | F3Q195        | BRR F3 cross-sectional weight for replicate 195             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18037 |
| 12          | F3Q196        | BRR F3 cross-sectional weight for replicate 196             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18047 |
| 12          | F3Q197        | BRR F3 cross-sectional weight for replicate 197             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18057 |
| 12          | F3Q198        | BRR F3 cross-sectional weight for replicate 198             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18067 |
| 12          | F3Q199        | BRR F3 cross-sectional weight for replicate 199             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18077 |
| 12          | F3Q200        | BRR F3 cross-sectional weight for replicate 200             | F3 Questionnaire Weight Replicates | Rec #: 1, Pos: 18087 |
| 12          | F3BYPNLWT     | Panel weight, BY and F3 (2002 and 2012)                     | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18097 |
| 12          | F3BYP001      | BRR BY and F3 (2002 and 2012) panel weight for replicate 1  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18107 |
| 12          | F3BYP002      | BRR BY and F3 (2002 and 2012) panel weight for replicate 2  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18117 |
| 12          | F3BYP003      | BRR BY and F3 (2002 and 2012) panel weight for replicate 3  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18127 |
| 12          | F3BYP004      | BRR BY and F3 (2002 and 2012) panel weight for replicate 4  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18137 |
| 12          | F3BYP005      | BRR BY and F3 (2002 and 2012) panel weight for replicate 5  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18147 |
| 12          | F3BYP006      | BRR BY and F3 (2002 and 2012) panel weight for replicate 6  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18157 |
| 12          | F3BYP007      | BRR BY and F3 (2002 and 2012) panel weight for replicate 7  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18167 |
| 12          | F3BYP008      | BRR BY and F3 (2002 and 2012) panel weight for replicate 8  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18177 |
| 12          | F3BYP009      | BRR BY and F3 (2002 and 2012) panel weight for replicate 9  | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18187 |
| 12          | F3BYP010      | BRR BY and F3 (2002 and 2012) panel weight for replicate 10 | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18197 |
| 12          | F3BYP011      | BRR BY and F3 (2002 and 2012) panel weight for replicate 11 | F3 and BY Panel Weight Replicates  | Rec #: 1, Pos: 18207 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP012      | BRR BY and F3 (2002 and 2012) panel weight for replicate 12 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18217 |
| 12          | F3BYP013      | BRR BY and F3 (2002 and 2012) panel weight for replicate 13 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18227 |
| 12          | F3BYP014      | BRR BY and F3 (2002 and 2012) panel weight for replicate 14 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18237 |
| 12          | F3BYP015      | BRR BY and F3 (2002 and 2012) panel weight for replicate 15 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18247 |
| 12          | F3BYP016      | BRR BY and F3 (2002 and 2012) panel weight for replicate 16 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18257 |
| 12          | F3BYP017      | BRR BY and F3 (2002 and 2012) panel weight for replicate 17 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18267 |
| 12          | F3BYP018      | BRR BY and F3 (2002 and 2012) panel weight for replicate 18 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18277 |
| 12          | F3BYP019      | BRR BY and F3 (2002 and 2012) panel weight for replicate 19 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18287 |
| 12          | F3BYP020      | BRR BY and F3 (2002 and 2012) panel weight for replicate 20 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18297 |
| 12          | F3BYP021      | BRR BY and F3 (2002 and 2012) panel weight for replicate 21 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18307 |
| 12          | F3BYP022      | BRR BY and F3 (2002 and 2012) panel weight for replicate 22 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18317 |
| 12          | F3BYP023      | BRR BY and F3 (2002 and 2012) panel weight for replicate 23 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18327 |
| 12          | F3BYP024      | BRR BY and F3 (2002 and 2012) panel weight for replicate 24 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18337 |
| 12          | F3BYP025      | BRR BY and F3 (2002 and 2012) panel weight for replicate 25 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18347 |
| 12          | F3BYP026      | BRR BY and F3 (2002 and 2012) panel weight for replicate 26 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18357 |
| 12          | F3BYP027      | BRR BY and F3 (2002 and 2012) panel weight for replicate 27 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18367 |
| 12          | F3BYP028      | BRR BY and F3 (2002 and 2012) panel weight for replicate 28 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18377 |
| 12          | F3BYP029      | BRR BY and F3 (2002 and 2012) panel weight for replicate 29 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18387 |
| 12          | F3BYP030      | BRR BY and F3 (2002 and 2012) panel weight for replicate 30 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18397 |
| 12          | F3BYP031      | BRR BY and F3 (2002 and 2012) panel weight for replicate 31 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18407 |
| 12          | F3BYP032      | BRR BY and F3 (2002 and 2012) panel weight for replicate 32 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18417 |
| 12          | F3BYP033      | BRR BY and F3 (2002 and 2012) panel weight for replicate 33 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18427 |
| 12          | F3BYP034      | BRR BY and F3 (2002 and 2012) panel weight for replicate 34 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18437 |
| 12          | F3BYP035      | BRR BY and F3 (2002 and 2012) panel weight for replicate 35 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18447 |
| 12          | F3BYP036      | BRR BY and F3 (2002 and 2012) panel weight for replicate 36 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18457 |
| 12          | F3BYP037      | BRR BY and F3 (2002 and 2012) panel weight for replicate 37 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18467 |
| 12          | F3BYP038      | BRR BY and F3 (2002 and 2012) panel weight for replicate 38 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18477 |
| 12          | F3BYP039      | BRR BY and F3 (2002 and 2012) panel weight for replicate 39 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18487 |
| 12          | F3BYP040      | BRR BY and F3 (2002 and 2012) panel weight for replicate 40 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18497 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP041      | BRR BY and F3 (2002 and 2012) panel weight for replicate 41 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18507 |
| 12          | F3BYP042      | BRR BY and F3 (2002 and 2012) panel weight for replicate 42 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18517 |
| 12          | F3BYP043      | BRR BY and F3 (2002 and 2012) panel weight for replicate 43 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18527 |
| 12          | F3BYP044      | BRR BY and F3 (2002 and 2012) panel weight for replicate 44 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18537 |
| 12          | F3BYP045      | BRR BY and F3 (2002 and 2012) panel weight for replicate 45 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18547 |
| 12          | F3BYP046      | BRR BY and F3 (2002 and 2012) panel weight for replicate 46 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18557 |
| 12          | F3BYP047      | BRR BY and F3 (2002 and 2012) panel weight for replicate 47 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18567 |
| 12          | F3BYP048      | BRR BY and F3 (2002 and 2012) panel weight for replicate 48 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18577 |
| 12          | F3BYP049      | BRR BY and F3 (2002 and 2012) panel weight for replicate 49 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18587 |
| 12          | F3BYP050      | BRR BY and F3 (2002 and 2012) panel weight for replicate 50 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18597 |
| 12          | F3BYP051      | BRR BY and F3 (2002 and 2012) panel weight for replicate 51 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18607 |
| 12          | F3BYP052      | BRR BY and F3 (2002 and 2012) panel weight for replicate 52 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18617 |
| 12          | F3BYP053      | BRR BY and F3 (2002 and 2012) panel weight for replicate 53 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18627 |
| 12          | F3BYP054      | BRR BY and F3 (2002 and 2012) panel weight for replicate 54 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18637 |
| 12          | F3BYP055      | BRR BY and F3 (2002 and 2012) panel weight for replicate 55 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18647 |
| 12          | F3BYP056      | BRR BY and F3 (2002 and 2012) panel weight for replicate 56 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18657 |
| 12          | F3BYP057      | BRR BY and F3 (2002 and 2012) panel weight for replicate 57 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18667 |
| 12          | F3BYP058      | BRR BY and F3 (2002 and 2012) panel weight for replicate 58 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18677 |
| 12          | F3BYP059      | BRR BY and F3 (2002 and 2012) panel weight for replicate 59 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18687 |
| 12          | F3BYP060      | BRR BY and F3 (2002 and 2012) panel weight for replicate 60 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18697 |
| 12          | F3BYP061      | BRR BY and F3 (2002 and 2012) panel weight for replicate 61 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18707 |
| 12          | F3BYP062      | BRR BY and F3 (2002 and 2012) panel weight for replicate 62 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18717 |
| 12          | F3BYP063      | BRR BY and F3 (2002 and 2012) panel weight for replicate 63 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18727 |
| 12          | F3BYP064      | BRR BY and F3 (2002 and 2012) panel weight for replicate 64 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18737 |
| 12          | F3BYP065      | BRR BY and F3 (2002 and 2012) panel weight for replicate 65 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18747 |
| 12          | F3BYP066      | BRR BY and F3 (2002 and 2012) panel weight for replicate 66 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18757 |
| 12          | F3BYP067      | BRR BY and F3 (2002 and 2012) panel weight for replicate 67 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18767 |
| 12          | F3BYP068      | BRR BY and F3 (2002 and 2012) panel weight for replicate 68 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18777 |
| 12          | F3BYP069      | BRR BY and F3 (2002 and 2012) panel weight for replicate 69 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18787 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP070      | BRR BY and F3 (2002 and 2012) panel weight for replicate 70 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18797 |
| 12          | F3BYP071      | BRR BY and F3 (2002 and 2012) panel weight for replicate 71 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18807 |
| 12          | F3BYP072      | BRR BY and F3 (2002 and 2012) panel weight for replicate 72 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18817 |
| 12          | F3BYP073      | BRR BY and F3 (2002 and 2012) panel weight for replicate 73 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18827 |
| 12          | F3BYP074      | BRR BY and F3 (2002 and 2012) panel weight for replicate 74 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18837 |
| 12          | F3BYP075      | BRR BY and F3 (2002 and 2012) panel weight for replicate 75 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18847 |
| 12          | F3BYP076      | BRR BY and F3 (2002 and 2012) panel weight for replicate 76 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18857 |
| 12          | F3BYP077      | BRR BY and F3 (2002 and 2012) panel weight for replicate 77 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18867 |
| 12          | F3BYP078      | BRR BY and F3 (2002 and 2012) panel weight for replicate 78 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18877 |
| 12          | F3BYP079      | BRR BY and F3 (2002 and 2012) panel weight for replicate 79 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18887 |
| 12          | F3BYP080      | BRR BY and F3 (2002 and 2012) panel weight for replicate 80 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18897 |
| 12          | F3BYP081      | BRR BY and F3 (2002 and 2012) panel weight for replicate 81 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18907 |
| 12          | F3BYP082      | BRR BY and F3 (2002 and 2012) panel weight for replicate 82 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18917 |
| 12          | F3BYP083      | BRR BY and F3 (2002 and 2012) panel weight for replicate 83 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18927 |
| 12          | F3BYP084      | BRR BY and F3 (2002 and 2012) panel weight for replicate 84 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18937 |
| 12          | F3BYP085      | BRR BY and F3 (2002 and 2012) panel weight for replicate 85 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18947 |
| 12          | F3BYP086      | BRR BY and F3 (2002 and 2012) panel weight for replicate 86 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18957 |
| 12          | F3BYP087      | BRR BY and F3 (2002 and 2012) panel weight for replicate 87 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18967 |
| 12          | F3BYP088      | BRR BY and F3 (2002 and 2012) panel weight for replicate 88 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18977 |
| 12          | F3BYP089      | BRR BY and F3 (2002 and 2012) panel weight for replicate 89 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18987 |
| 12          | F3BYP090      | BRR BY and F3 (2002 and 2012) panel weight for replicate 90 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 18997 |
| 12          | F3BYP091      | BRR BY and F3 (2002 and 2012) panel weight for replicate 91 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19007 |
| 12          | F3BYP092      | BRR BY and F3 (2002 and 2012) panel weight for replicate 92 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19017 |
| 12          | F3BYP093      | BRR BY and F3 (2002 and 2012) panel weight for replicate 93 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19027 |
| 12          | F3BYP094      | BRR BY and F3 (2002 and 2012) panel weight for replicate 94 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19037 |
| 12          | F3BYP095      | BRR BY and F3 (2002 and 2012) panel weight for replicate 95 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19047 |
| 12          | F3BYP096      | BRR BY and F3 (2002 and 2012) panel weight for replicate 96 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19057 |
| 12          | F3BYP097      | BRR BY and F3 (2002 and 2012) panel weight for replicate 97 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19067 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP098      | BRR BY and F3 (2002 and 2012) panel weight for replicate 98  | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19077 |
| 12          | F3BYP099      | BRR BY and F3 (2002 and 2012) panel weight for replicate 99  | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19087 |
| 12          | F3BYP100      | BRR BY and F3 (2002 and 2012) panel weight for replicate 100 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19097 |
| 12          | F3BYP101      | BRR BY and F3 (2002 and 2012) panel weight for replicate 101 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19107 |
| 12          | F3BYP102      | BRR BY and F3 (2002 and 2012) panel weight for replicate 102 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19117 |
| 12          | F3BYP103      | BRR BY and F3 (2002 and 2012) panel weight for replicate 103 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19127 |
| 12          | F3BYP104      | BRR BY and F3 (2002 and 2012) panel weight for replicate 104 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19137 |
| 12          | F3BYP105      | BRR BY and F3 (2002 and 2012) panel weight for replicate 105 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19147 |
| 12          | F3BYP106      | BRR BY and F3 (2002 and 2012) panel weight for replicate 106 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19157 |
| 12          | F3BYP107      | BRR BY and F3 (2002 and 2012) panel weight for replicate 107 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19167 |
| 12          | F3BYP108      | BRR BY and F3 (2002 and 2012) panel weight for replicate 108 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19177 |
| 12          | F3BYP109      | BRR BY and F3 (2002 and 2012) panel weight for replicate 109 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19187 |
| 12          | F3BYP110      | BRR BY and F3 (2002 and 2012) panel weight for replicate 110 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19197 |
| 12          | F3BYP111      | BRR BY and F3 (2002 and 2012) panel weight for replicate 111 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19207 |
| 12          | F3BYP112      | BRR BY and F3 (2002 and 2012) panel weight for replicate 112 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19217 |
| 12          | F3BYP113      | BRR BY and F3 (2002 and 2012) panel weight for replicate 113 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19227 |
| 12          | F3BYP114      | BRR BY and F3 (2002 and 2012) panel weight for replicate 114 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19237 |
| 12          | F3BYP115      | BRR BY and F3 (2002 and 2012) panel weight for replicate 115 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19247 |
| 12          | F3BYP116      | BRR BY and F3 (2002 and 2012) panel weight for replicate 116 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19257 |
| 12          | F3BYP117      | BRR BY and F3 (2002 and 2012) panel weight for replicate 117 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19267 |
| 12          | F3BYP118      | BRR BY and F3 (2002 and 2012) panel weight for replicate 118 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19277 |
| 12          | F3BYP119      | BRR BY and F3 (2002 and 2012) panel weight for replicate 119 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19287 |
| 12          | F3BYP120      | BRR BY and F3 (2002 and 2012) panel weight for replicate 120 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19297 |
| 12          | F3BYP121      | BRR BY and F3 (2002 and 2012) panel weight for replicate 121 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19307 |
| 12          | F3BYP122      | BRR BY and F3 (2002 and 2012) panel weight for replicate 122 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19317 |
| 12          | F3BYP123      | BRR BY and F3 (2002 and 2012) panel weight for replicate 123 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19327 |
| 12          | F3BYP124      | BRR BY and F3 (2002 and 2012) panel weight for replicate 124 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19337 |
| 12          | F3BYP125      | BRR BY and F3 (2002 and 2012) panel weight for replicate 125 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19347 |
| 12          | F3BYP126      | BRR BY and F3 (2002 and 2012) panel weight for replicate 126 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19357 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP127      | BRR BY and F3 (2002 and 2012) panel weight for replicate 127 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19367 |
| 12          | F3BYP128      | BRR BY and F3 (2002 and 2012) panel weight for replicate 128 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19377 |
| 12          | F3BYP129      | BRR BY and F3 (2002 and 2012) panel weight for replicate 129 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19387 |
| 12          | F3BYP130      | BRR BY and F3 (2002 and 2012) panel weight for replicate 130 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19397 |
| 12          | F3BYP131      | BRR BY and F3 (2002 and 2012) panel weight for replicate 131 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19407 |
| 12          | F3BYP132      | BRR BY and F3 (2002 and 2012) panel weight for replicate 132 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19417 |
| 12          | F3BYP133      | BRR BY and F3 (2002 and 2012) panel weight for replicate 133 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19427 |
| 12          | F3BYP134      | BRR BY and F3 (2002 and 2012) panel weight for replicate 134 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19437 |
| 12          | F3BYP135      | BRR BY and F3 (2002 and 2012) panel weight for replicate 135 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19447 |
| 12          | F3BYP136      | BRR BY and F3 (2002 and 2012) panel weight for replicate 136 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19457 |
| 12          | F3BYP137      | BRR BY and F3 (2002 and 2012) panel weight for replicate 137 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19467 |
| 12          | F3BYP138      | BRR BY and F3 (2002 and 2012) panel weight for replicate 138 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19477 |
| 12          | F3BYP139      | BRR BY and F3 (2002 and 2012) panel weight for replicate 139 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19487 |
| 12          | F3BYP140      | BRR BY and F3 (2002 and 2012) panel weight for replicate 140 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19497 |
| 12          | F3BYP141      | BRR BY and F3 (2002 and 2012) panel weight for replicate 141 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19507 |
| 12          | F3BYP142      | BRR BY and F3 (2002 and 2012) panel weight for replicate 142 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19517 |
| 12          | F3BYP143      | BRR BY and F3 (2002 and 2012) panel weight for replicate 143 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19527 |
| 12          | F3BYP144      | BRR BY and F3 (2002 and 2012) panel weight for replicate 144 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19537 |
| 12          | F3BYP145      | BRR BY and F3 (2002 and 2012) panel weight for replicate 145 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19547 |
| 12          | F3BYP146      | BRR BY and F3 (2002 and 2012) panel weight for replicate 146 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19557 |
| 12          | F3BYP147      | BRR BY and F3 (2002 and 2012) panel weight for replicate 147 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19567 |
| 12          | F3BYP148      | BRR BY and F3 (2002 and 2012) panel weight for replicate 148 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19577 |
| 12          | F3BYP149      | BRR BY and F3 (2002 and 2012) panel weight for replicate 149 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19587 |
| 12          | F3BYP150      | BRR BY and F3 (2002 and 2012) panel weight for replicate 150 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19597 |
| 12          | F3BYP151      | BRR BY and F3 (2002 and 2012) panel weight for replicate 151 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19607 |
| 12          | F3BYP152      | BRR BY and F3 (2002 and 2012) panel weight for replicate 152 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19617 |
| 12          | F3BYP153      | BRR BY and F3 (2002 and 2012) panel weight for replicate 153 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19627 |
| 12          | F3BYP154      | BRR BY and F3 (2002 and 2012) panel weight for replicate 154 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19637 |
| 12          | F3BYP155      | BRR BY and F3 (2002 and 2012) panel weight for replicate 155 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19647 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP156      | BRR BY and F3 (2002 and 2012) panel weight for replicate 156 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19657 |
| 12          | F3BYP157      | BRR BY and F3 (2002 and 2012) panel weight for replicate 157 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19667 |
| 12          | F3BYP158      | BRR BY and F3 (2002 and 2012) panel weight for replicate 158 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19677 |
| 12          | F3BYP159      | BRR BY and F3 (2002 and 2012) panel weight for replicate 159 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19687 |
| 12          | F3BYP160      | BRR BY and F3 (2002 and 2012) panel weight for replicate 160 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19697 |
| 12          | F3BYP161      | BRR BY and F3 (2002 and 2012) panel weight for replicate 161 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19707 |
| 12          | F3BYP162      | BRR BY and F3 (2002 and 2012) panel weight for replicate 162 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19717 |
| 12          | F3BYP163      | BRR BY and F3 (2002 and 2012) panel weight for replicate 163 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19727 |
| 12          | F3BYP164      | BRR BY and F3 (2002 and 2012) panel weight for replicate 164 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19737 |
| 12          | F3BYP165      | BRR BY and F3 (2002 and 2012) panel weight for replicate 165 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19747 |
| 12          | F3BYP166      | BRR BY and F3 (2002 and 2012) panel weight for replicate 166 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19757 |
| 12          | F3BYP167      | BRR BY and F3 (2002 and 2012) panel weight for replicate 167 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19767 |
| 12          | F3BYP168      | BRR BY and F3 (2002 and 2012) panel weight for replicate 168 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19777 |
| 12          | F3BYP169      | BRR BY and F3 (2002 and 2012) panel weight for replicate 169 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19787 |
| 12          | F3BYP170      | BRR BY and F3 (2002 and 2012) panel weight for replicate 170 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19797 |
| 12          | F3BYP171      | BRR BY and F3 (2002 and 2012) panel weight for replicate 171 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19807 |
| 12          | F3BYP172      | BRR BY and F3 (2002 and 2012) panel weight for replicate 172 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19817 |
| 12          | F3BYP173      | BRR BY and F3 (2002 and 2012) panel weight for replicate 173 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19827 |
| 12          | F3BYP174      | BRR BY and F3 (2002 and 2012) panel weight for replicate 174 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19837 |
| 12          | F3BYP175      | BRR BY and F3 (2002 and 2012) panel weight for replicate 175 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19847 |
| 12          | F3BYP176      | BRR BY and F3 (2002 and 2012) panel weight for replicate 176 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19857 |
| 12          | F3BYP177      | BRR BY and F3 (2002 and 2012) panel weight for replicate 177 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19867 |
| 12          | F3BYP178      | BRR BY and F3 (2002 and 2012) panel weight for replicate 178 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19877 |
| 12          | F3BYP179      | BRR BY and F3 (2002 and 2012) panel weight for replicate 179 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19887 |
| 12          | F3BYP180      | BRR BY and F3 (2002 and 2012) panel weight for replicate 180 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19897 |
| 12          | F3BYP181      | BRR BY and F3 (2002 and 2012) panel weight for replicate 181 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19907 |
| 12          | F3BYP182      | BRR BY and F3 (2002 and 2012) panel weight for replicate 182 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19917 |
| 12          | F3BYP183      | BRR BY and F3 (2002 and 2012) panel weight for replicate 183 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19927 |
| 12          | F3BYP184      | BRR BY and F3 (2002 and 2012) panel weight for replicate 184 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19937 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3BYP185      | BRR BY and F3 (2002 and 2012) panel weight for replicate 185 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19947 |
| 12          | F3BYP186      | BRR BY and F3 (2002 and 2012) panel weight for replicate 186 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19957 |
| 12          | F3BYP187      | BRR BY and F3 (2002 and 2012) panel weight for replicate 187 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19967 |
| 12          | F3BYP188      | BRR BY and F3 (2002 and 2012) panel weight for replicate 188 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19977 |
| 12          | F3BYP189      | BRR BY and F3 (2002 and 2012) panel weight for replicate 189 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19987 |
| 12          | F3BYP190      | BRR BY and F3 (2002 and 2012) panel weight for replicate 190 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 19997 |
| 12          | F3BYP191      | BRR BY and F3 (2002 and 2012) panel weight for replicate 191 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20007 |
| 12          | F3BYP192      | BRR BY and F3 (2002 and 2012) panel weight for replicate 192 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20017 |
| 12          | F3BYP193      | BRR BY and F3 (2002 and 2012) panel weight for replicate 193 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20027 |
| 12          | F3BYP194      | BRR BY and F3 (2002 and 2012) panel weight for replicate 194 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20037 |
| 12          | F3BYP195      | BRR BY and F3 (2002 and 2012) panel weight for replicate 195 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20047 |
| 12          | F3BYP196      | BRR BY and F3 (2002 and 2012) panel weight for replicate 196 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20057 |
| 12          | F3BYP197      | BRR BY and F3 (2002 and 2012) panel weight for replicate 197 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20067 |
| 12          | F3BYP198      | BRR BY and F3 (2002 and 2012) panel weight for replicate 198 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20077 |
| 12          | F3BYP199      | BRR BY and F3 (2002 and 2012) panel weight for replicate 199 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20087 |
| 12          | F3BYP200      | BRR BY and F3 (2002 and 2012) panel weight for replicate 200 | F3 and BY Panel Weight Replicates | Rec #: 1, Pos: 20097 |
| 12          | F3F1PNLWT     | Panel weight, F1 and F3 (2006 and 2012)                      | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20107 |
| 12          | F3F1P001      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 1   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20117 |
| 12          | F3F1P002      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 2   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20127 |
| 12          | F3F1P003      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 3   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20137 |
| 12          | F3F1P004      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 4   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20147 |
| 12          | F3F1P005      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 5   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20157 |
| 12          | F3F1P006      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 6   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20167 |
| 12          | F3F1P007      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 7   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20177 |
| 12          | F3F1P008      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 8   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20187 |
| 12          | F3F1P009      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 9   | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20197 |
| 12          | F3F1P010      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 10  | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20207 |
| 12          | F3F1P011      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 11  | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20217 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P012      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 12 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20227 |
| 12          | F3F1P013      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 13 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20237 |
| 12          | F3F1P014      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 14 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20247 |
| 12          | F3F1P015      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 15 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20257 |
| 12          | F3F1P016      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 16 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20267 |
| 12          | F3F1P017      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 17 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20277 |
| 12          | F3F1P018      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 18 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20287 |
| 12          | F3F1P019      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 19 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20297 |
| 12          | F3F1P020      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 20 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20307 |
| 12          | F3F1P021      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 21 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20317 |
| 12          | F3F1P022      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 22 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20327 |
| 12          | F3F1P023      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 23 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20337 |
| 12          | F3F1P024      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 24 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20347 |
| 12          | F3F1P025      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 25 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20357 |
| 12          | F3F1P026      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 26 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20367 |
| 12          | F3F1P027      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 27 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20377 |
| 12          | F3F1P028      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 28 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20387 |
| 12          | F3F1P029      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 29 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20397 |
| 12          | F3F1P030      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 30 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20407 |
| 12          | F3F1P031      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 31 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20417 |
| 12          | F3F1P032      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 32 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20427 |
| 12          | F3F1P033      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 33 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20437 |
| 12          | F3F1P034      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 34 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20447 |
| 12          | F3F1P035      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 35 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20457 |
| 12          | F3F1P036      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 36 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20467 |
| 12          | F3F1P037      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 37 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20477 |
| 12          | F3F1P038      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 38 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20487 |
| 12          | F3F1P039      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 39 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20497 |
| 12          | F3F1P040      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 40 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20507 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P041      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 41 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20517 |
| 12          | F3F1P042      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 42 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20527 |
| 12          | F3F1P043      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 43 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20537 |
| 12          | F3F1P044      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 44 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20547 |
| 12          | F3F1P045      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 45 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20557 |
| 12          | F3F1P046      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 46 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20567 |
| 12          | F3F1P047      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 47 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20577 |
| 12          | F3F1P048      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 48 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20587 |
| 12          | F3F1P049      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 49 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20597 |
| 12          | F3F1P050      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 50 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20607 |
| 12          | F3F1P051      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 51 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20617 |
| 12          | F3F1P052      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 52 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20627 |
| 12          | F3F1P053      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 53 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20637 |
| 12          | F3F1P054      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 54 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20647 |
| 12          | F3F1P055      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 55 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20657 |
| 12          | F3F1P056      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 56 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20667 |
| 12          | F3F1P057      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 57 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20677 |
| 12          | F3F1P058      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 58 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20687 |
| 12          | F3F1P059      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 59 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20697 |
| 12          | F3F1P060      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 60 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20707 |
| 12          | F3F1P061      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 61 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20717 |
| 12          | F3F1P062      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 62 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20727 |
| 12          | F3F1P063      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 63 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20737 |
| 12          | F3F1P064      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 64 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20747 |
| 12          | F3F1P065      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 65 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20757 |
| 12          | F3F1P066      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 66 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20767 |
| 12          | F3F1P067      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 67 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20777 |
| 12          | F3F1P068      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 68 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20787 |
| 12          | F3F1P069      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 69 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20797 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                              | Section Description               | Position             |
|-------------|---------------|-------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P070      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 70 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20807 |
| 12          | F3F1P071      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 71 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20817 |
| 12          | F3F1P072      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 72 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20827 |
| 12          | F3F1P073      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 73 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20837 |
| 12          | F3F1P074      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 74 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20847 |
| 12          | F3F1P075      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 75 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20857 |
| 12          | F3F1P076      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 76 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20867 |
| 12          | F3F1P077      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 77 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20877 |
| 12          | F3F1P078      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 78 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20887 |
| 12          | F3F1P079      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 79 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20897 |
| 12          | F3F1P080      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 80 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20907 |
| 12          | F3F1P081      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 81 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20917 |
| 12          | F3F1P082      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 82 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20927 |
| 12          | F3F1P083      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 83 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20937 |
| 12          | F3F1P084      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 84 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20947 |
| 12          | F3F1P085      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 85 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20957 |
| 12          | F3F1P086      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 86 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20967 |
| 12          | F3F1P087      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 87 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20977 |
| 12          | F3F1P088      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 88 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20987 |
| 12          | F3F1P089      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 89 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 20997 |
| 12          | F3F1P090      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 90 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21007 |
| 12          | F3F1P091      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 91 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21017 |
| 12          | F3F1P092      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 92 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21027 |
| 12          | F3F1P093      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 93 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21037 |
| 12          | F3F1P094      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 94 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21047 |
| 12          | F3F1P095      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 95 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21057 |
| 12          | F3F1P096      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 96 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21067 |
| 12          | F3F1P097      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 97 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21077 |
| 12          | F3F1P098      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 98 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21087 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P099      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 99  | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21097 |
| 12          | F3F1P100      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 100 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21107 |
| 12          | F3F1P101      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 101 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21117 |
| 12          | F3F1P102      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 102 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21127 |
| 12          | F3F1P103      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 103 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21137 |
| 12          | F3F1P104      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 104 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21147 |
| 12          | F3F1P105      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 105 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21157 |
| 12          | F3F1P106      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 106 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21167 |
| 12          | F3F1P107      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 107 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21177 |
| 12          | F3F1P108      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 108 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21187 |
| 12          | F3F1P109      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 109 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21197 |
| 12          | F3F1P110      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 110 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21207 |
| 12          | F3F1P111      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 111 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21217 |
| 12          | F3F1P112      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 112 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21227 |
| 12          | F3F1P113      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 113 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21237 |
| 12          | F3F1P114      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 114 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21247 |
| 12          | F3F1P115      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 115 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21257 |
| 12          | F3F1P116      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 116 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21267 |
| 12          | F3F1P117      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 117 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21277 |
| 12          | F3F1P118      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 118 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21287 |
| 12          | F3F1P119      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 119 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21297 |
| 12          | F3F1P120      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 120 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21307 |
| 12          | F3F1P121      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 121 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21317 |
| 12          | F3F1P122      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 122 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21327 |
| 12          | F3F1P123      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 123 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21337 |
| 12          | F3F1P124      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 124 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21347 |
| 12          | F3F1P125      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 125 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21357 |
| 12          | F3F1P126      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 126 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21367 |
| 12          | F3F1P127      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 127 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21377 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P128      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 128 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21387 |
| 12          | F3F1P129      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 129 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21397 |
| 12          | F3F1P130      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 130 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21407 |
| 12          | F3F1P131      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 131 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21417 |
| 12          | F3F1P132      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 132 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21427 |
| 12          | F3F1P133      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 133 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21437 |
| 12          | F3F1P134      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 134 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21447 |
| 12          | F3F1P135      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 135 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21457 |
| 12          | F3F1P136      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 136 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21467 |
| 12          | F3F1P137      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 137 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21477 |
| 12          | F3F1P138      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 138 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21487 |
| 12          | F3F1P139      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 139 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21497 |
| 12          | F3F1P140      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 140 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21507 |
| 12          | F3F1P141      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 141 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21517 |
| 12          | F3F1P142      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 142 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21527 |
| 12          | F3F1P143      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 143 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21537 |
| 12          | F3F1P144      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 144 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21547 |
| 12          | F3F1P145      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 145 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21557 |
| 12          | F3F1P146      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 146 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21567 |
| 12          | F3F1P147      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 147 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21577 |
| 12          | F3F1P148      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 148 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21587 |
| 12          | F3F1P149      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 149 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21597 |
| 12          | F3F1P150      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 150 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21607 |
| 12          | F3F1P151      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 151 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21617 |
| 12          | F3F1P152      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 152 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21627 |
| 12          | F3F1P153      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 153 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21637 |
| 12          | F3F1P154      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 154 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21647 |
| 12          | F3F1P155      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 155 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21657 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P156      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 156 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21667 |
| 12          | F3F1P157      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 157 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21677 |
| 12          | F3F1P158      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 158 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21687 |
| 12          | F3F1P159      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 159 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21697 |
| 12          | F3F1P160      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 160 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21707 |
| 12          | F3F1P161      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 161 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21717 |
| 12          | F3F1P162      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 162 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21727 |
| 12          | F3F1P163      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 163 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21737 |
| 12          | F3F1P164      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 164 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21747 |
| 12          | F3F1P165      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 165 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21757 |
| 12          | F3F1P166      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 166 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21767 |
| 12          | F3F1P167      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 167 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21777 |
| 12          | F3F1P168      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 168 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21787 |
| 12          | F3F1P169      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 169 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21797 |
| 12          | F3F1P170      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 170 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21807 |
| 12          | F3F1P171      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 171 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21817 |
| 12          | F3F1P172      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 172 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21827 |
| 12          | F3F1P173      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 173 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21837 |
| 12          | F3F1P174      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 174 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21847 |
| 12          | F3F1P175      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 175 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21857 |
| 12          | F3F1P176      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 176 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21867 |
| 12          | F3F1P177      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 177 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21877 |
| 12          | F3F1P178      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 178 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21887 |
| 12          | F3F1P179      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 179 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21897 |
| 12          | F3F1P180      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 180 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21907 |
| 12          | F3F1P181      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 181 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21917 |
| 12          | F3F1P182      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 182 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21927 |
| 12          | F3F1P183      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 183 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21937 |
| 12          | F3F1P184      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 184 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21947 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                               | Section Description               | Position             |
|-------------|---------------|--------------------------------------------------------------|-----------------------------------|----------------------|
| 12          | F3F1P185      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 185 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21957 |
| 12          | F3F1P186      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 186 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21967 |
| 12          | F3F1P187      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 187 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21977 |
| 12          | F3F1P188      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 188 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21987 |
| 12          | F3F1P189      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 189 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 21997 |
| 12          | F3F1P190      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 190 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22007 |
| 12          | F3F1P191      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 191 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22017 |
| 12          | F3F1P192      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 192 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22027 |
| 12          | F3F1P193      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 193 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22037 |
| 12          | F3F1P194      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 194 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22047 |
| 12          | F3F1P195      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 195 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22057 |
| 12          | F3F1P196      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 196 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22067 |
| 12          | F3F1P197      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 197 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22077 |
| 12          | F3F1P198      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 198 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22087 |
| 12          | F3F1P199      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 199 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22097 |
| 12          | F3F1P200      | BRR F1 and F3 (2006 and 2012) panel weight for replicate 200 | F3 and F1 Panel Weight Replicates | Rec #: 1, Pos: 22107 |
| 12          | F3QTSCWT      | Third follow-up HS transcript respondent weight              | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22117 |
| 12          | F3TRS001      | BRR F3 transcript cross-sectional weight for replicate 1     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22127 |
| 12          | F3TRS002      | BRR F3 transcript cross-sectional weight for replicate 2     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22137 |
| 12          | F3TRS003      | BRR F3 transcript cross-sectional weight for replicate 3     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22147 |
| 12          | F3TRS004      | BRR F3 transcript cross-sectional weight for replicate 4     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22157 |
| 12          | F3TRS005      | BRR F3 transcript cross-sectional weight for replicate 5     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22167 |
| 12          | F3TRS006      | BRR F3 transcript cross-sectional weight for replicate 6     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22177 |
| 12          | F3TRS007      | BRR F3 transcript cross-sectional weight for replicate 7     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22187 |
| 12          | F3TRS008      | BRR F3 transcript cross-sectional weight for replicate 8     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22197 |
| 12          | F3TRS009      | BRR F3 transcript cross-sectional weight for replicate 9     | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22207 |
| 12          | F3TRS010      | BRR F3 transcript cross-sectional weight for replicate 10    | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22217 |
| 12          | F3TRS011      | BRR F3 transcript cross-sectional weight for replicate 11    | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22227 |
| 12          | F3TRS012      | BRR F3 transcript cross-sectional weight for replicate 12    | F3 Transcript Weight Replicates   | Rec #: 1, Pos: 22237 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                            | Section Description             | Position             |
|-------------|---------------|-----------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS013      | BRR F3 transcript cross-sectional weight for replicate 13 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22247 |
| 12          | F3TRS014      | BRR F3 transcript cross-sectional weight for replicate 14 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22257 |
| 12          | F3TRS015      | BRR F3 transcript cross-sectional weight for replicate 15 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22267 |
| 12          | F3TRS016      | BRR F3 transcript cross-sectional weight for replicate 16 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22277 |
| 12          | F3TRS017      | BRR F3 transcript cross-sectional weight for replicate 17 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22287 |
| 12          | F3TRS018      | BRR F3 transcript cross-sectional weight for replicate 18 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22297 |
| 12          | F3TRS019      | BRR F3 transcript cross-sectional weight for replicate 19 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22307 |
| 12          | F3TRS020      | BRR F3 transcript cross-sectional weight for replicate 20 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22317 |
| 12          | F3TRS021      | BRR F3 transcript cross-sectional weight for replicate 21 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22327 |
| 12          | F3TRS022      | BRR F3 transcript cross-sectional weight for replicate 22 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22337 |
| 12          | F3TRS023      | BRR F3 transcript cross-sectional weight for replicate 23 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22347 |
| 12          | F3TRS024      | BRR F3 transcript cross-sectional weight for replicate 24 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22357 |
| 12          | F3TRS025      | BRR F3 transcript cross-sectional weight for replicate 25 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22367 |
| 12          | F3TRS026      | BRR F3 transcript cross-sectional weight for replicate 26 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22377 |
| 12          | F3TRS027      | BRR F3 transcript cross-sectional weight for replicate 27 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22387 |
| 12          | F3TRS028      | BRR F3 transcript cross-sectional weight for replicate 28 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22397 |
| 12          | F3TRS029      | BRR F3 transcript cross-sectional weight for replicate 29 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22407 |
| 12          | F3TRS030      | BRR F3 transcript cross-sectional weight for replicate 30 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22417 |
| 12          | F3TRS031      | BRR F3 transcript cross-sectional weight for replicate 31 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22427 |
| 12          | F3TRS032      | BRR F3 transcript cross-sectional weight for replicate 32 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22437 |
| 12          | F3TRS033      | BRR F3 transcript cross-sectional weight for replicate 33 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22447 |
| 12          | F3TRS034      | BRR F3 transcript cross-sectional weight for replicate 34 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22457 |
| 12          | F3TRS035      | BRR F3 transcript cross-sectional weight for replicate 35 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22467 |
| 12          | F3TRS036      | BRR F3 transcript cross-sectional weight for replicate 36 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22477 |
| 12          | F3TRS037      | BRR F3 transcript cross-sectional weight for replicate 37 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22487 |
| 12          | F3TRS038      | BRR F3 transcript cross-sectional weight for replicate 38 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22497 |
| 12          | F3TRS039      | BRR F3 transcript cross-sectional weight for replicate 39 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22507 |
| 12          | F3TRS040      | BRR F3 transcript cross-sectional weight for replicate 40 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22517 |
| 12          | F3TRS041      | BRR F3 transcript cross-sectional weight for replicate 41 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22527 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                            | Section Description             | Position             |
|-------------|---------------|-----------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS042      | BRR F3 transcript cross-sectional weight for replicate 42 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22537 |
| 12          | F3TRS043      | BRR F3 transcript cross-sectional weight for replicate 43 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22547 |
| 12          | F3TRS044      | BRR F3 transcript cross-sectional weight for replicate 44 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22557 |
| 12          | F3TRS045      | BRR F3 transcript cross-sectional weight for replicate 45 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22567 |
| 12          | F3TRS046      | BRR F3 transcript cross-sectional weight for replicate 46 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22577 |
| 12          | F3TRS047      | BRR F3 transcript cross-sectional weight for replicate 47 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22587 |
| 12          | F3TRS048      | BRR F3 transcript cross-sectional weight for replicate 48 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22597 |
| 12          | F3TRS049      | BRR F3 transcript cross-sectional weight for replicate 49 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22607 |
| 12          | F3TRS050      | BRR F3 transcript cross-sectional weight for replicate 50 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22617 |
| 12          | F3TRS051      | BRR F3 transcript cross-sectional weight for replicate 51 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22627 |
| 12          | F3TRS052      | BRR F3 transcript cross-sectional weight for replicate 52 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22637 |
| 12          | F3TRS053      | BRR F3 transcript cross-sectional weight for replicate 53 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22647 |
| 12          | F3TRS054      | BRR F3 transcript cross-sectional weight for replicate 54 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22657 |
| 12          | F3TRS055      | BRR F3 transcript cross-sectional weight for replicate 55 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22667 |
| 12          | F3TRS056      | BRR F3 transcript cross-sectional weight for replicate 56 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22677 |
| 12          | F3TRS057      | BRR F3 transcript cross-sectional weight for replicate 57 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22687 |
| 12          | F3TRS058      | BRR F3 transcript cross-sectional weight for replicate 58 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22697 |
| 12          | F3TRS059      | BRR F3 transcript cross-sectional weight for replicate 59 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22707 |
| 12          | F3TRS060      | BRR F3 transcript cross-sectional weight for replicate 60 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22717 |
| 12          | F3TRS061      | BRR F3 transcript cross-sectional weight for replicate 61 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22727 |
| 12          | F3TRS062      | BRR F3 transcript cross-sectional weight for replicate 62 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22737 |
| 12          | F3TRS063      | BRR F3 transcript cross-sectional weight for replicate 63 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22747 |
| 12          | F3TRS064      | BRR F3 transcript cross-sectional weight for replicate 64 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22757 |
| 12          | F3TRS065      | BRR F3 transcript cross-sectional weight for replicate 65 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22767 |
| 12          | F3TRS066      | BRR F3 transcript cross-sectional weight for replicate 66 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22777 |
| 12          | F3TRS067      | BRR F3 transcript cross-sectional weight for replicate 67 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22787 |
| 12          | F3TRS068      | BRR F3 transcript cross-sectional weight for replicate 68 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22797 |
| 12          | F3TRS069      | BRR F3 transcript cross-sectional weight for replicate 69 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22807 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                            | Section Description             | Position             |
|-------------|---------------|-----------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS070      | BRR F3 transcript cross-sectional weight for replicate 70 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22817 |
| 12          | F3TRS071      | BRR F3 transcript cross-sectional weight for replicate 71 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22827 |
| 12          | F3TRS072      | BRR F3 transcript cross-sectional weight for replicate 72 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22837 |
| 12          | F3TRS073      | BRR F3 transcript cross-sectional weight for replicate 73 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22847 |
| 12          | F3TRS074      | BRR F3 transcript cross-sectional weight for replicate 74 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22857 |
| 12          | F3TRS075      | BRR F3 transcript cross-sectional weight for replicate 75 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22867 |
| 12          | F3TRS076      | BRR F3 transcript cross-sectional weight for replicate 76 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22877 |
| 12          | F3TRS077      | BRR F3 transcript cross-sectional weight for replicate 77 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22887 |
| 12          | F3TRS078      | BRR F3 transcript cross-sectional weight for replicate 78 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22897 |
| 12          | F3TRS079      | BRR F3 transcript cross-sectional weight for replicate 79 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22907 |
| 12          | F3TRS080      | BRR F3 transcript cross-sectional weight for replicate 80 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22917 |
| 12          | F3TRS081      | BRR F3 transcript cross-sectional weight for replicate 81 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22927 |
| 12          | F3TRS082      | BRR F3 transcript cross-sectional weight for replicate 82 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22937 |
| 12          | F3TRS083      | BRR F3 transcript cross-sectional weight for replicate 83 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22947 |
| 12          | F3TRS084      | BRR F3 transcript cross-sectional weight for replicate 84 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22957 |
| 12          | F3TRS085      | BRR F3 transcript cross-sectional weight for replicate 85 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22967 |
| 12          | F3TRS086      | BRR F3 transcript cross-sectional weight for replicate 86 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22977 |
| 12          | F3TRS087      | BRR F3 transcript cross-sectional weight for replicate 87 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22987 |
| 12          | F3TRS088      | BRR F3 transcript cross-sectional weight for replicate 88 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 22997 |
| 12          | F3TRS089      | BRR F3 transcript cross-sectional weight for replicate 89 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23007 |
| 12          | F3TRS090      | BRR F3 transcript cross-sectional weight for replicate 90 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23017 |
| 12          | F3TRS091      | BRR F3 transcript cross-sectional weight for replicate 91 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23027 |
| 12          | F3TRS092      | BRR F3 transcript cross-sectional weight for replicate 92 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23037 |
| 12          | F3TRS093      | BRR F3 transcript cross-sectional weight for replicate 93 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23047 |
| 12          | F3TRS094      | BRR F3 transcript cross-sectional weight for replicate 94 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23057 |
| 12          | F3TRS095      | BRR F3 transcript cross-sectional weight for replicate 95 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23067 |
| 12          | F3TRS096      | BRR F3 transcript cross-sectional weight for replicate 96 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23077 |
| 12          | F3TRS097      | BRR F3 transcript cross-sectional weight for replicate 97 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23087 |
| 12          | F3TRS098      | BRR F3 transcript cross-sectional weight for replicate 98 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23097 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description             | Position             |
|-------------|---------------|------------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS099      | BRR F3 transcript cross-sectional weight for replicate 99  | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23107 |
| 12          | F3TRS100      | BRR F3 transcript cross-sectional weight for replicate 100 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23117 |
| 12          | F3TRS101      | BRR F3 transcript cross-sectional weight for replicate 101 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23127 |
| 12          | F3TRS102      | BRR F3 transcript cross-sectional weight for replicate 102 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23137 |
| 12          | F3TRS103      | BRR F3 transcript cross-sectional weight for replicate 103 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23147 |
| 12          | F3TRS104      | BRR F3 transcript cross-sectional weight for replicate 104 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23157 |
| 12          | F3TRS105      | BRR F3 transcript cross-sectional weight for replicate 105 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23167 |
| 12          | F3TRS106      | BRR F3 transcript cross-sectional weight for replicate 106 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23177 |
| 12          | F3TRS107      | BRR F3 transcript cross-sectional weight for replicate 107 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23187 |
| 12          | F3TRS108      | BRR F3 transcript cross-sectional weight for replicate 108 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23197 |
| 12          | F3TRS109      | BRR F3 transcript cross-sectional weight for replicate 109 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23207 |
| 12          | F3TRS110      | BRR F3 transcript cross-sectional weight for replicate 110 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23217 |
| 12          | F3TRS111      | BRR F3 transcript cross-sectional weight for replicate 111 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23227 |
| 12          | F3TRS112      | BRR F3 transcript cross-sectional weight for replicate 112 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23237 |
| 12          | F3TRS113      | BRR F3 transcript cross-sectional weight for replicate 113 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23247 |
| 12          | F3TRS114      | BRR F3 transcript cross-sectional weight for replicate 114 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23257 |
| 12          | F3TRS115      | BRR F3 transcript cross-sectional weight for replicate 115 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23267 |
| 12          | F3TRS116      | BRR F3 transcript cross-sectional weight for replicate 116 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23277 |
| 12          | F3TRS117      | BRR F3 transcript cross-sectional weight for replicate 117 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23287 |
| 12          | F3TRS118      | BRR F3 transcript cross-sectional weight for replicate 118 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23297 |
| 12          | F3TRS119      | BRR F3 transcript cross-sectional weight for replicate 119 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23307 |
| 12          | F3TRS120      | BRR F3 transcript cross-sectional weight for replicate 120 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23317 |
| 12          | F3TRS121      | BRR F3 transcript cross-sectional weight for replicate 121 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23327 |
| 12          | F3TRS122      | BRR F3 transcript cross-sectional weight for replicate 122 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23337 |
| 12          | F3TRS123      | BRR F3 transcript cross-sectional weight for replicate 123 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23347 |
| 12          | F3TRS124      | BRR F3 transcript cross-sectional weight for replicate 124 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23357 |
| 12          | F3TRS125      | BRR F3 transcript cross-sectional weight for replicate 125 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23367 |
| 12          | F3TRS126      | BRR F3 transcript cross-sectional weight for replicate 126 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23377 |
| 12          | F3TRS127      | BRR F3 transcript cross-sectional weight for replicate 127 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23387 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description             | Position             |
|-------------|---------------|------------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS128      | BRR F3 transcript cross-sectional weight for replicate 128 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23397 |
| 12          | F3TRS129      | BRR F3 transcript cross-sectional weight for replicate 129 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23407 |
| 12          | F3TRS130      | BRR F3 transcript cross-sectional weight for replicate 130 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23417 |
| 12          | F3TRS131      | BRR F3 transcript cross-sectional weight for replicate 131 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23427 |
| 12          | F3TRS132      | BRR F3 transcript cross-sectional weight for replicate 132 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23437 |
| 12          | F3TRS133      | BRR F3 transcript cross-sectional weight for replicate 133 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23447 |
| 12          | F3TRS134      | BRR F3 transcript cross-sectional weight for replicate 134 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23457 |
| 12          | F3TRS135      | BRR F3 transcript cross-sectional weight for replicate 135 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23467 |
| 12          | F3TRS136      | BRR F3 transcript cross-sectional weight for replicate 136 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23477 |
| 12          | F3TRS137      | BRR F3 transcript cross-sectional weight for replicate 137 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23487 |
| 12          | F3TRS138      | BRR F3 transcript cross-sectional weight for replicate 138 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23497 |
| 12          | F3TRS139      | BRR F3 transcript cross-sectional weight for replicate 139 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23507 |
| 12          | F3TRS140      | BRR F3 transcript cross-sectional weight for replicate 140 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23517 |
| 12          | F3TRS141      | BRR F3 transcript cross-sectional weight for replicate 141 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23527 |
| 12          | F3TRS142      | BRR F3 transcript cross-sectional weight for replicate 142 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23537 |
| 12          | F3TRS143      | BRR F3 transcript cross-sectional weight for replicate 143 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23547 |
| 12          | F3TRS144      | BRR F3 transcript cross-sectional weight for replicate 144 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23557 |
| 12          | F3TRS145      | BRR F3 transcript cross-sectional weight for replicate 145 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23567 |
| 12          | F3TRS146      | BRR F3 transcript cross-sectional weight for replicate 146 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23577 |
| 12          | F3TRS147      | BRR F3 transcript cross-sectional weight for replicate 147 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23587 |
| 12          | F3TRS148      | BRR F3 transcript cross-sectional weight for replicate 148 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23597 |
| 12          | F3TRS149      | BRR F3 transcript cross-sectional weight for replicate 149 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23607 |
| 12          | F3TRS150      | BRR F3 transcript cross-sectional weight for replicate 150 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23617 |
| 12          | F3TRS151      | BRR F3 transcript cross-sectional weight for replicate 151 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23627 |
| 12          | F3TRS152      | BRR F3 transcript cross-sectional weight for replicate 152 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23637 |
| 12          | F3TRS153      | BRR F3 transcript cross-sectional weight for replicate 153 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23647 |
| 12          | F3TRS154      | BRR F3 transcript cross-sectional weight for replicate 154 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23657 |
| 12          | F3TRS155      | BRR F3 transcript cross-sectional weight for replicate 155 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23667 |
| 12          | F3TRS156      | BRR F3 transcript cross-sectional weight for replicate 156 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23677 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                             | Section Description             | Position             |
|-------------|---------------|------------------------------------------------------------|---------------------------------|----------------------|
| 12          | F3TRS157      | BRR F3 transcript cross-sectional weight for replicate 157 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23687 |
| 12          | F3TRS158      | BRR F3 transcript cross-sectional weight for replicate 158 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23697 |
| 12          | F3TRS159      | BRR F3 transcript cross-sectional weight for replicate 159 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23707 |
| 12          | F3TRS160      | BRR F3 transcript cross-sectional weight for replicate 160 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23717 |
| 12          | F3TRS161      | BRR F3 transcript cross-sectional weight for replicate 161 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23727 |
| 12          | F3TRS162      | BRR F3 transcript cross-sectional weight for replicate 162 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23737 |
| 12          | F3TRS163      | BRR F3 transcript cross-sectional weight for replicate 163 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23747 |
| 12          | F3TRS164      | BRR F3 transcript cross-sectional weight for replicate 164 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23757 |
| 12          | F3TRS165      | BRR F3 transcript cross-sectional weight for replicate 165 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23767 |
| 12          | F3TRS166      | BRR F3 transcript cross-sectional weight for replicate 166 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23777 |
| 12          | F3TRS167      | BRR F3 transcript cross-sectional weight for replicate 167 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23787 |
| 12          | F3TRS168      | BRR F3 transcript cross-sectional weight for replicate 168 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23797 |
| 12          | F3TRS169      | BRR F3 transcript cross-sectional weight for replicate 169 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23807 |
| 12          | F3TRS170      | BRR F3 transcript cross-sectional weight for replicate 170 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23817 |
| 12          | F3TRS171      | BRR F3 transcript cross-sectional weight for replicate 171 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23827 |
| 12          | F3TRS172      | BRR F3 transcript cross-sectional weight for replicate 172 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23837 |
| 12          | F3TRS173      | BRR F3 transcript cross-sectional weight for replicate 173 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23847 |
| 12          | F3TRS174      | BRR F3 transcript cross-sectional weight for replicate 174 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23857 |
| 12          | F3TRS175      | BRR F3 transcript cross-sectional weight for replicate 175 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23867 |
| 12          | F3TRS176      | BRR F3 transcript cross-sectional weight for replicate 176 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23877 |
| 12          | F3TRS177      | BRR F3 transcript cross-sectional weight for replicate 177 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23887 |
| 12          | F3TRS178      | BRR F3 transcript cross-sectional weight for replicate 178 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23897 |
| 12          | F3TRS179      | BRR F3 transcript cross-sectional weight for replicate 179 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23907 |
| 12          | F3TRS180      | BRR F3 transcript cross-sectional weight for replicate 180 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23917 |
| 12          | F3TRS181      | BRR F3 transcript cross-sectional weight for replicate 181 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23927 |
| 12          | F3TRS182      | BRR F3 transcript cross-sectional weight for replicate 182 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23937 |
| 12          | F3TRS183      | BRR F3 transcript cross-sectional weight for replicate 183 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23947 |
| 12          | F3TRS184      | BRR F3 transcript cross-sectional weight for replicate 184 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23957 |
| 12          | F3TRS185      | BRR F3 transcript cross-sectional weight for replicate 185 | F3 Transcript Weight Replicates | Rec #: 1, Pos: 23967 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                  | Section Description                    | Position             |
|-------------|---------------|---------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3TRS186      | BRR F3 transcript cross-sectional weight for replicate 186                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 23977 |
| 12          | F3TRS187      | BRR F3 transcript cross-sectional weight for replicate 187                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 23987 |
| 12          | F3TRS188      | BRR F3 transcript cross-sectional weight for replicate 188                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 23997 |
| 12          | F3TRS189      | BRR F3 transcript cross-sectional weight for replicate 189                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24007 |
| 12          | F3TRS190      | BRR F3 transcript cross-sectional weight for replicate 190                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24017 |
| 12          | F3TRS191      | BRR F3 transcript cross-sectional weight for replicate 191                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24027 |
| 12          | F3TRS192      | BRR F3 transcript cross-sectional weight for replicate 192                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24037 |
| 12          | F3TRS193      | BRR F3 transcript cross-sectional weight for replicate 193                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24047 |
| 12          | F3TRS194      | BRR F3 transcript cross-sectional weight for replicate 194                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24057 |
| 12          | F3TRS195      | BRR F3 transcript cross-sectional weight for replicate 195                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24067 |
| 12          | F3TRS196      | BRR F3 transcript cross-sectional weight for replicate 196                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24077 |
| 12          | F3TRS197      | BRR F3 transcript cross-sectional weight for replicate 197                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24087 |
| 12          | F3TRS198      | BRR F3 transcript cross-sectional weight for replicate 198                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24097 |
| 12          | F3TRS199      | BRR F3 transcript cross-sectional weight for replicate 199                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24107 |
| 12          | F3TRS200      | BRR F3 transcript cross-sectional weight for replicate 200                      | F3 Transcript Weight Replicates        | Rec #: 1, Pos: 24117 |
| 12          | F3BYTSCWT     | Panel weight, BY and F3 (2002 and 2012) HS transcript respondent weight         | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24127 |
| 12          | F3BYT001      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 1 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24137 |
| 12          | F3BYT002      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 2 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24147 |
| 12          | F3BYT003      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 3 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24157 |
| 12          | F3BYT004      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 4 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24167 |
| 12          | F3BYT005      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 5 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24177 |
| 12          | F3BYT006      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 6 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24187 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT007      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 7  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24197 |
| 12          | F3BYT008      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 8  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24207 |
| 12          | F3BYT009      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 9  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24217 |
| 12          | F3BYT010      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 10 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24227 |
| 12          | F3BYT011      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 11 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24237 |
| 12          | F3BYT012      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 12 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24247 |
| 12          | F3BYT013      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 13 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24257 |
| 12          | F3BYT014      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 14 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24267 |
| 12          | F3BYT015      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 15 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24277 |
| 12          | F3BYT016      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 16 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24287 |
| 12          | F3BYT017      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 17 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24297 |
| 12          | F3BYT018      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 18 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24307 |
| 12          | F3BYT019      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 19 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24317 |
| 12          | F3BYT020      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 20 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24327 |
| 12          | F3BYT021      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 21 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24337 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT022      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 22 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24347 |
| 12          | F3BYT023      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 23 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24357 |
| 12          | F3BYT024      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 24 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24367 |
| 12          | F3BYT025      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 25 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24377 |
| 12          | F3BYT026      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 26 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24387 |
| 12          | F3BYT027      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 27 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24397 |
| 12          | F3BYT028      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 28 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24407 |
| 12          | F3BYT029      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 29 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24417 |
| 12          | F3BYT030      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 30 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24427 |
| 12          | F3BYT031      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 31 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24437 |
| 12          | F3BYT032      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 32 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24447 |
| 12          | F3BYT033      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 33 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24457 |
| 12          | F3BYT034      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 34 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24467 |
| 12          | F3BYT035      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 35 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24477 |
| 12          | F3BYT036      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 36 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24487 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT037      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 37 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24497 |
| 12          | F3BYT038      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 38 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24507 |
| 12          | F3BYT039      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 39 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24517 |
| 12          | F3BYT040      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 40 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24527 |
| 12          | F3BYT041      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 41 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24537 |
| 12          | F3BYT042      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 42 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24547 |
| 12          | F3BYT043      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 43 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24557 |
| 12          | F3BYT044      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 44 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24567 |
| 12          | F3BYT045      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 45 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24577 |
| 12          | F3BYT046      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 46 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24587 |
| 12          | F3BYT047      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 47 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24597 |
| 12          | F3BYT048      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 48 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24607 |
| 12          | F3BYT049      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 49 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24617 |
| 12          | F3BYT050      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 50 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24627 |
| 12          | F3BYT051      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 51 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24637 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT052      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 52 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24647 |
| 12          | F3BYT053      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 53 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24657 |
| 12          | F3BYT054      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 54 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24667 |
| 12          | F3BYT055      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 55 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24677 |
| 12          | F3BYT056      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 56 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24687 |
| 12          | F3BYT057      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 57 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24697 |
| 12          | F3BYT058      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 58 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24707 |
| 12          | F3BYT059      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 59 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24717 |
| 12          | F3BYT060      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 60 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24727 |
| 12          | F3BYT061      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 61 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24737 |
| 12          | F3BYT062      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 62 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24747 |
| 12          | F3BYT063      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 63 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24757 |
| 12          | F3BYT064      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 64 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24767 |
| 12          | F3BYT065      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 65 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24777 |
| 12          | F3BYT066      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 66 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24787 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT067      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 67 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24797 |
| 12          | F3BYT068      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 68 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24807 |
| 12          | F3BYT069      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 69 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24817 |
| 12          | F3BYT070      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 70 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24827 |
| 12          | F3BYT071      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 71 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24837 |
| 12          | F3BYT072      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 72 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24847 |
| 12          | F3BYT073      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 73 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24857 |
| 12          | F3BYT074      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 74 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24867 |
| 12          | F3BYT075      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 75 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24877 |
| 12          | F3BYT076      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 76 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24887 |
| 12          | F3BYT077      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 77 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24897 |
| 12          | F3BYT078      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 78 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24907 |
| 12          | F3BYT079      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 79 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24917 |
| 12          | F3BYT080      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 80 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24927 |
| 12          | F3BYT081      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 81 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24937 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT082      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 82 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24947 |
| 12          | F3BYT083      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 83 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24957 |
| 12          | F3BYT084      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 84 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24967 |
| 12          | F3BYT085      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 85 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24977 |
| 12          | F3BYT086      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 86 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24987 |
| 12          | F3BYT087      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 87 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 24997 |
| 12          | F3BYT088      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 88 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25007 |
| 12          | F3BYT089      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 89 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25017 |
| 12          | F3BYT090      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 90 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25027 |
| 12          | F3BYT091      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 91 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25037 |
| 12          | F3BYT092      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 92 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25047 |
| 12          | F3BYT093      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 93 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25057 |
| 12          | F3BYT094      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 94 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25067 |
| 12          | F3BYT095      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 95 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25077 |
| 12          | F3BYT096      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 96 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25087 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT097      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 97  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25097 |
| 12          | F3BYT098      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 98  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25107 |
| 12          | F3BYT099      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 99  | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25117 |
| 12          | F3BYT100      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 100 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25127 |
| 12          | F3BYT101      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 101 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25137 |
| 12          | F3BYT102      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 102 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25147 |
| 12          | F3BYT103      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 103 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25157 |
| 12          | F3BYT104      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 104 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25167 |
| 12          | F3BYT105      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 105 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25177 |
| 12          | F3BYT106      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 106 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25187 |
| 12          | F3BYT107      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 107 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25197 |
| 12          | F3BYT108      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 108 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25207 |
| 12          | F3BYT109      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 109 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25217 |
| 12          | F3BYT110      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 110 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25227 |
| 12          | F3BYT111      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 111 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25237 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT112      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 112 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25247 |
| 12          | F3BYT113      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 113 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25257 |
| 12          | F3BYT114      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 114 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25267 |
| 12          | F3BYT115      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 115 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25277 |
| 12          | F3BYT116      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 116 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25287 |
| 12          | F3BYT117      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 117 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25297 |
| 12          | F3BYT118      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 118 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25307 |
| 12          | F3BYT119      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 119 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25317 |
| 12          | F3BYT120      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 120 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25327 |
| 12          | F3BYT121      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 121 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25337 |
| 12          | F3BYT122      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 122 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25347 |
| 12          | F3BYT123      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 123 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25357 |
| 12          | F3BYT124      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 124 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25367 |
| 12          | F3BYT125      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 125 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25377 |
| 12          | F3BYT126      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 126 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25387 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT127      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 127 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25397 |
| 12          | F3BYT128      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 128 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25407 |
| 12          | F3BYT129      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 129 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25417 |
| 12          | F3BYT130      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 130 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25427 |
| 12          | F3BYT131      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 131 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25437 |
| 12          | F3BYT132      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 132 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25447 |
| 12          | F3BYT133      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 133 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25457 |
| 12          | F3BYT134      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 134 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25467 |
| 12          | F3BYT135      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 135 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25477 |
| 12          | F3BYT136      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 136 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25487 |
| 12          | F3BYT137      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 137 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25497 |
| 12          | F3BYT138      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 138 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25507 |
| 12          | F3BYT139      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 139 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25517 |
| 12          | F3BYT140      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 140 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25527 |
| 12          | F3BYT141      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 141 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25537 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT142      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 142 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25547 |
| 12          | F3BYT143      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 143 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25557 |
| 12          | F3BYT144      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 144 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25567 |
| 12          | F3BYT145      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 145 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25577 |
| 12          | F3BYT146      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 146 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25587 |
| 12          | F3BYT147      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 147 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25597 |
| 12          | F3BYT148      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 148 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25607 |
| 12          | F3BYT149      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 149 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25617 |
| 12          | F3BYT150      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 150 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25627 |
| 12          | F3BYT151      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 151 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25637 |
| 12          | F3BYT152      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 152 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25647 |
| 12          | F3BYT153      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 153 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25657 |
| 12          | F3BYT154      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 154 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25667 |
| 12          | F3BYT155      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 155 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25677 |
| 12          | F3BYT156      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 156 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25687 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT157      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 157 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25697 |
| 12          | F3BYT158      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 158 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25707 |
| 12          | F3BYT159      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 159 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25717 |
| 12          | F3BYT160      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 160 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25727 |
| 12          | F3BYT161      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 161 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25737 |
| 12          | F3BYT162      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 162 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25747 |
| 12          | F3BYT163      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 163 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25757 |
| 12          | F3BYT164      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 164 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25767 |
| 12          | F3BYT165      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 165 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25777 |
| 12          | F3BYT166      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 166 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25787 |
| 12          | F3BYT167      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 167 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25797 |
| 12          | F3BYT168      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 168 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25807 |
| 12          | F3BYT169      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 169 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25817 |
| 12          | F3BYT170      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 170 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25827 |
| 12          | F3BYT171      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 171 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25837 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT172      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 172 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25847 |
| 12          | F3BYT173      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 173 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25857 |
| 12          | F3BYT174      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 174 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25867 |
| 12          | F3BYT175      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 175 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25877 |
| 12          | F3BYT176      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 176 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25887 |
| 12          | F3BYT177      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 177 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25897 |
| 12          | F3BYT178      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 178 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25907 |
| 12          | F3BYT179      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 179 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25917 |
| 12          | F3BYT180      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 180 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25927 |
| 12          | F3BYT181      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 181 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25937 |
| 12          | F3BYT182      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 182 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25947 |
| 12          | F3BYT183      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 183 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25957 |
| 12          | F3BYT184      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 184 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25967 |
| 12          | F3BYT185      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 185 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25977 |
| 12          | F3BYT186      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 186 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25987 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3BYT187      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 187 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 25997 |
| 12          | F3BYT188      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 188 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26007 |
| 12          | F3BYT189      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 189 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26017 |
| 12          | F3BYT190      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 190 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26027 |
| 12          | F3BYT191      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 191 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26037 |
| 12          | F3BYT192      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 192 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26047 |
| 12          | F3BYT193      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 193 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26057 |
| 12          | F3BYT194      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 194 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26067 |
| 12          | F3BYT195      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 195 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26077 |
| 12          | F3BYT196      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 196 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26087 |
| 12          | F3BYT197      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 197 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26097 |
| 12          | F3BYT198      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 198 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26107 |
| 12          | F3BYT199      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 199 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26117 |
| 12          | F3BYT200      | BRR BY and F3 (2002 and 2012) transcript cross-sectional weight for replicate 200 | F3 and BY Transcript Weight Replicates | Rec #: 1, Pos: 26127 |
| 12          | F3F1TSCWT     | Panel weight, F1 and F3 (2006 and 2012) HS transcript respondent weight           | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26137 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T001      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 1  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26147 |
| 12          | F3F1T002      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 2  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26157 |
| 12          | F3F1T003      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 3  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26167 |
| 12          | F3F1T004      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 4  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26177 |
| 12          | F3F1T005      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 5  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26187 |
| 12          | F3F1T006      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 6  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26197 |
| 12          | F3F1T007      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 7  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26207 |
| 12          | F3F1T008      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 8  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26217 |
| 12          | F3F1T009      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 9  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26227 |
| 12          | F3F1T010      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 10 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26237 |
| 12          | F3F1T011      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 11 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26247 |
| 12          | F3F1T012      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 12 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26257 |
| 12          | F3F1T013      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 13 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26267 |
| 12          | F3F1T014      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 14 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26277 |
| 12          | F3F1T015      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 15 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26287 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T016      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 16 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26297 |
| 12          | F3F1T017      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 17 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26307 |
| 12          | F3F1T018      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 18 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26317 |
| 12          | F3F1T019      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 19 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26327 |
| 12          | F3F1T020      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 20 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26337 |
| 12          | F3F1T021      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 21 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26347 |
| 12          | F3F1T022      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 22 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26357 |
| 12          | F3F1T023      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 23 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26367 |
| 12          | F3F1T024      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 24 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26377 |
| 12          | F3F1T025      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 25 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26387 |
| 12          | F3F1T026      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 26 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26397 |
| 12          | F3F1T027      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 27 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26407 |
| 12          | F3F1T028      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 28 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26417 |
| 12          | F3F1T029      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 29 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26427 |
| 12          | F3F1T030      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 30 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26437 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T031      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 31 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26447 |
| 12          | F3F1T032      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 32 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26457 |
| 12          | F3F1T033      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 33 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26467 |
| 12          | F3F1T034      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 34 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26477 |
| 12          | F3F1T035      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 35 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26487 |
| 12          | F3F1T036      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 36 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26497 |
| 12          | F3F1T037      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 37 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26507 |
| 12          | F3F1T038      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 38 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26517 |
| 12          | F3F1T039      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 39 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26527 |
| 12          | F3F1T040      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 40 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26537 |
| 12          | F3F1T041      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 41 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26547 |
| 12          | F3F1T042      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 42 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26557 |
| 12          | F3F1T043      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 43 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26567 |
| 12          | F3F1T044      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 44 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26577 |
| 12          | F3F1T045      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 45 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26587 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T046      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 46 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26597 |
| 12          | F3F1T047      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 47 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26607 |
| 12          | F3F1T048      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 48 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26617 |
| 12          | F3F1T049      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 49 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26627 |
| 12          | F3F1T050      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 50 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26637 |
| 12          | F3F1T051      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 51 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26647 |
| 12          | F3F1T052      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 52 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26657 |
| 12          | F3F1T053      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 53 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26667 |
| 12          | F3F1T054      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 54 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26677 |
| 12          | F3F1T055      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 55 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26687 |
| 12          | F3F1T056      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 56 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26697 |
| 12          | F3F1T057      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 57 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26707 |
| 12          | F3F1T058      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 58 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26717 |
| 12          | F3F1T059      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 59 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26727 |
| 12          | F3F1T060      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 60 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26737 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T061      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 61 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26747 |
| 12          | F3F1T062      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 62 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26757 |
| 12          | F3F1T063      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 63 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26767 |
| 12          | F3F1T064      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 64 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26777 |
| 12          | F3F1T065      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 65 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26787 |
| 12          | F3F1T066      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 66 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26797 |
| 12          | F3F1T067      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 67 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26807 |
| 12          | F3F1T068      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 68 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26817 |
| 12          | F3F1T069      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 69 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26827 |
| 12          | F3F1T070      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 70 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26837 |
| 12          | F3F1T071      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 71 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26847 |
| 12          | F3F1T072      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 72 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26857 |
| 12          | F3F1T073      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 73 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26867 |
| 12          | F3F1T074      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 74 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26877 |
| 12          | F3F1T075      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 75 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26887 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                   | Section Description                    | Position             |
|-------------|---------------|----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T076      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 76 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26897 |
| 12          | F3F1T077      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 77 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26907 |
| 12          | F3F1T078      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 78 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26917 |
| 12          | F3F1T079      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 79 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26927 |
| 12          | F3F1T080      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 80 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26937 |
| 12          | F3F1T081      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 81 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26947 |
| 12          | F3F1T082      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 82 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26957 |
| 12          | F3F1T083      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 83 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26967 |
| 12          | F3F1T084      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 84 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26977 |
| 12          | F3F1T085      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 85 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26987 |
| 12          | F3F1T086      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 86 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 26997 |
| 12          | F3F1T087      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 87 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27007 |
| 12          | F3F1T088      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 88 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27017 |
| 12          | F3F1T089      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 89 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27027 |
| 12          | F3F1T090      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 90 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27037 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T091      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 91  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27047 |
| 12          | F3F1T092      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 92  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27057 |
| 12          | F3F1T093      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 93  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27067 |
| 12          | F3F1T094      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 94  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27077 |
| 12          | F3F1T095      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 95  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27087 |
| 12          | F3F1T096      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 96  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27097 |
| 12          | F3F1T097      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 97  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27107 |
| 12          | F3F1T098      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 98  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27117 |
| 12          | F3F1T099      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 99  | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27127 |
| 12          | F3F1T100      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 100 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27137 |
| 12          | F3F1T101      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 101 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27147 |
| 12          | F3F1T102      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 102 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27157 |
| 12          | F3F1T103      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 103 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27167 |
| 12          | F3F1T104      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 104 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27177 |
| 12          | F3F1T105      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 105 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27187 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T106      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 106 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27197 |
| 12          | F3F1T107      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 107 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27207 |
| 12          | F3F1T108      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 108 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27217 |
| 12          | F3F1T109      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 109 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27227 |
| 12          | F3F1T110      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 110 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27237 |
| 12          | F3F1T111      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 111 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27247 |
| 12          | F3F1T112      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 112 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27257 |
| 12          | F3F1T113      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 113 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27267 |
| 12          | F3F1T114      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 114 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27277 |
| 12          | F3F1T115      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 115 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27287 |
| 12          | F3F1T116      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 116 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27297 |
| 12          | F3F1T117      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 117 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27307 |
| 12          | F3F1T118      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 118 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27317 |
| 12          | F3F1T119      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 119 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27327 |
| 12          | F3F1T120      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 120 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27337 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T121      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 121 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27347 |
| 12          | F3F1T122      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 122 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27357 |
| 12          | F3F1T123      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 123 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27367 |
| 12          | F3F1T124      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 124 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27377 |
| 12          | F3F1T125      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 125 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27387 |
| 12          | F3F1T126      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 126 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27397 |
| 12          | F3F1T127      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 127 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27407 |
| 12          | F3F1T128      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 128 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27417 |
| 12          | F3F1T129      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 129 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27427 |
| 12          | F3F1T130      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 130 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27437 |
| 12          | F3F1T131      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 131 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27447 |
| 12          | F3F1T132      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 132 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27457 |
| 12          | F3F1T133      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 133 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27467 |
| 12          | F3F1T134      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 134 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27477 |
| 12          | F3F1T135      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 135 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27487 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T136      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 136 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27497 |
| 12          | F3F1T137      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 137 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27507 |
| 12          | F3F1T138      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 138 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27517 |
| 12          | F3F1T139      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 139 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27527 |
| 12          | F3F1T140      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 140 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27537 |
| 12          | F3F1T141      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 141 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27547 |
| 12          | F3F1T142      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 142 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27557 |
| 12          | F3F1T143      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 143 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27567 |
| 12          | F3F1T144      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 144 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27577 |
| 12          | F3F1T145      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 145 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27587 |
| 12          | F3F1T146      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 146 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27597 |
| 12          | F3F1T147      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 147 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27607 |
| 12          | F3F1T148      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 148 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27617 |
| 12          | F3F1T149      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 149 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27627 |
| 12          | F3F1T150      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 150 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27637 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T151      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 151 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27647 |
| 12          | F3F1T152      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 152 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27657 |
| 12          | F3F1T153      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 153 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27667 |
| 12          | F3F1T154      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 154 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27677 |
| 12          | F3F1T155      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 155 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27687 |
| 12          | F3F1T156      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 156 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27697 |
| 12          | F3F1T157      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 157 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27707 |
| 12          | F3F1T158      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 158 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27717 |
| 12          | F3F1T159      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 159 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27727 |
| 12          | F3F1T160      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 160 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27737 |
| 12          | F3F1T161      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 161 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27747 |
| 12          | F3F1T162      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 162 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27757 |
| 12          | F3F1T163      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 163 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27767 |
| 12          | F3F1T164      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 164 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27777 |
| 12          | F3F1T165      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 165 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27787 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T166      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 166 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27797 |
| 12          | F3F1T167      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 167 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27807 |
| 12          | F3F1T168      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 168 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27817 |
| 12          | F3F1T169      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 169 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27827 |
| 12          | F3F1T170      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 170 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27837 |
| 12          | F3F1T171      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 171 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27847 |
| 12          | F3F1T172      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 172 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27857 |
| 12          | F3F1T173      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 173 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27867 |
| 12          | F3F1T174      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 174 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27877 |
| 12          | F3F1T175      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 175 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27887 |
| 12          | F3F1T176      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 176 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27897 |
| 12          | F3F1T177      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 177 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27907 |
| 12          | F3F1T178      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 178 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27917 |
| 12          | F3F1T179      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 179 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27927 |
| 12          | F3F1T180      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 180 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27937 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T181      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 181 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27947 |
| 12          | F3F1T182      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 182 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27957 |
| 12          | F3F1T183      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 183 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27967 |
| 12          | F3F1T184      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 184 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27977 |
| 12          | F3F1T185      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 185 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27987 |
| 12          | F3F1T186      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 186 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 27997 |
| 12          | F3F1T187      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 187 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28007 |
| 12          | F3F1T188      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 188 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28017 |
| 12          | F3F1T189      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 189 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28027 |
| 12          | F3F1T190      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 190 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28037 |
| 12          | F3F1T191      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 191 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28047 |
| 12          | F3F1T192      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 192 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28057 |
| 12          | F3F1T193      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 193 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28067 |
| 12          | F3F1T194      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 194 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28077 |
| 12          | F3F1T195      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 195 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28087 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                                                                    | Section Description                    | Position             |
|-------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------|----------------------|
| 12          | F3F1T196      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 196 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28097 |
| 12          | F3F1T197      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 197 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28107 |
| 12          | F3F1T198      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 198 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28117 |
| 12          | F3F1T199      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 199 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28127 |
| 12          | F3F1T200      | BRR F1 and F3 (2006 and 2012) transcript cross-sectional weight for replicate 200 | F3 and F1 Transcript Weight Replicates | Rec #: 1, Pos: 28137 |
| 13          | SCH_ID        | School ID                                                                         | School Weight Replicates               | Rec #: 1, Pos: 1     |
| 13          | BYSCHWT       | School weight                                                                     | School Weight Replicates               | Rec #: 1, Pos: 5     |
| 13          | BYSCH1        | BRR school weight for replicate 1                                                 | School Weight Replicates               | Rec #: 1, Pos: 15    |
| 13          | BYSCH2        | BRR school weight for replicate 2                                                 | School Weight Replicates               | Rec #: 1, Pos: 25    |
| 13          | BYSCH3        | BRR school weight for replicate 3                                                 | School Weight Replicates               | Rec #: 1, Pos: 35    |
| 13          | BYSCH4        | BRR school weight for replicate 4                                                 | School Weight Replicates               | Rec #: 1, Pos: 45    |
| 13          | BYSCH5        | BRR school weight for replicate 5                                                 | School Weight Replicates               | Rec #: 1, Pos: 55    |
| 13          | BYSCH6        | BRR school weight for replicate 6                                                 | School Weight Replicates               | Rec #: 1, Pos: 65    |
| 13          | BYSCH7        | BRR school weight for replicate 7                                                 | School Weight Replicates               | Rec #: 1, Pos: 75    |
| 13          | BYSCH8        | BRR school weight for replicate 8                                                 | School Weight Replicates               | Rec #: 1, Pos: 85    |
| 13          | BYSCH9        | BRR school weight for replicate 9                                                 | School Weight Replicates               | Rec #: 1, Pos: 95    |
| 13          | BYSCH10       | BRR school weight for replicate 10                                                | School Weight Replicates               | Rec #: 1, Pos: 105   |
| 13          | BYSCH11       | BRR school weight for replicate 11                                                | School Weight Replicates               | Rec #: 1, Pos: 115   |
| 13          | BYSCH12       | BRR school weight for replicate 12                                                | School Weight Replicates               | Rec #: 1, Pos: 125   |
| 13          | BYSCH13       | BRR school weight for replicate 13                                                | School Weight Replicates               | Rec #: 1, Pos: 135   |
| 13          | BYSCH14       | BRR school weight for replicate 14                                                | School Weight Replicates               | Rec #: 1, Pos: 145   |
| 13          | BYSCH15       | BRR school weight for replicate 15                                                | School Weight Replicates               | Rec #: 1, Pos: 155   |
| 13          | BYSCH16       | BRR school weight for replicate 16                                                | School Weight Replicates               | Rec #: 1, Pos: 165   |
| 13          | BYSCH17       | BRR school weight for replicate 17                                                | School Weight Replicates               | Rec #: 1, Pos: 175   |
| 13          | BYSCH18       | BRR school weight for replicate 18                                                | School Weight Replicates               | Rec #: 1, Pos: 185   |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                     | Section Description      | Position           |
|-------------|---------------|------------------------------------|--------------------------|--------------------|
| 13          | BYSCH19       | BRR school weight for replicate 19 | School Weight Replicates | Rec #: 1, Pos: 195 |
| 13          | BYSCH20       | BRR school weight for replicate 20 | School Weight Replicates | Rec #: 1, Pos: 205 |
| 13          | BYSCH21       | BRR school weight for replicate 21 | School Weight Replicates | Rec #: 1, Pos: 215 |
| 13          | BYSCH22       | BRR school weight for replicate 22 | School Weight Replicates | Rec #: 1, Pos: 225 |
| 13          | BYSCH23       | BRR school weight for replicate 23 | School Weight Replicates | Rec #: 1, Pos: 235 |
| 13          | BYSCH24       | BRR school weight for replicate 24 | School Weight Replicates | Rec #: 1, Pos: 245 |
| 13          | BYSCH25       | BRR school weight for replicate 25 | School Weight Replicates | Rec #: 1, Pos: 255 |
| 13          | BYSCH26       | BRR school weight for replicate 26 | School Weight Replicates | Rec #: 1, Pos: 265 |
| 13          | BYSCH27       | BRR school weight for replicate 27 | School Weight Replicates | Rec #: 1, Pos: 275 |
| 13          | BYSCH28       | BRR school weight for replicate 28 | School Weight Replicates | Rec #: 1, Pos: 285 |
| 13          | BYSCH29       | BRR school weight for replicate 29 | School Weight Replicates | Rec #: 1, Pos: 295 |
| 13          | BYSCH30       | BRR school weight for replicate 30 | School Weight Replicates | Rec #: 1, Pos: 305 |
| 13          | BYSCH31       | BRR school weight for replicate 31 | School Weight Replicates | Rec #: 1, Pos: 315 |
| 13          | BYSCH32       | BRR school weight for replicate 32 | School Weight Replicates | Rec #: 1, Pos: 325 |
| 13          | BYSCH33       | BRR school weight for replicate 33 | School Weight Replicates | Rec #: 1, Pos: 335 |
| 13          | BYSCH34       | BRR school weight for replicate 34 | School Weight Replicates | Rec #: 1, Pos: 345 |
| 13          | BYSCH35       | BRR school weight for replicate 35 | School Weight Replicates | Rec #: 1, Pos: 355 |
| 13          | BYSCH36       | BRR school weight for replicate 36 | School Weight Replicates | Rec #: 1, Pos: 365 |
| 13          | BYSCH37       | BRR school weight for replicate 37 | School Weight Replicates | Rec #: 1, Pos: 375 |
| 13          | BYSCH38       | BRR school weight for replicate 38 | School Weight Replicates | Rec #: 1, Pos: 385 |
| 13          | BYSCH39       | BRR school weight for replicate 39 | School Weight Replicates | Rec #: 1, Pos: 395 |
| 13          | BYSCH40       | BRR school weight for replicate 40 | School Weight Replicates | Rec #: 1, Pos: 405 |
| 13          | BYSCH41       | BRR school weight for replicate 41 | School Weight Replicates | Rec #: 1, Pos: 415 |
| 13          | BYSCH42       | BRR school weight for replicate 42 | School Weight Replicates | Rec #: 1, Pos: 425 |
| 13          | BYSCH43       | BRR school weight for replicate 43 | School Weight Replicates | Rec #: 1, Pos: 435 |
| 13          | BYSCH44       | BRR school weight for replicate 44 | School Weight Replicates | Rec #: 1, Pos: 445 |
| 13          | BYSCH45       | BRR school weight for replicate 45 | School Weight Replicates | Rec #: 1, Pos: 455 |
| 13          | BYSCH46       | BRR school weight for replicate 46 | School Weight Replicates | Rec #: 1, Pos: 465 |
| 13          | BYSCH47       | BRR school weight for replicate 47 | School Weight Replicates | Rec #: 1, Pos: 475 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                     | Section Description      | Position           |
|-------------|---------------|------------------------------------|--------------------------|--------------------|
| 13          | BYSCH48       | BRR school weight for replicate 48 | School Weight Replicates | Rec #: 1, Pos: 485 |
| 13          | BYSCH49       | BRR school weight for replicate 49 | School Weight Replicates | Rec #: 1, Pos: 495 |
| 13          | BYSCH50       | BRR school weight for replicate 50 | School Weight Replicates | Rec #: 1, Pos: 505 |
| 13          | BYSCH51       | BRR school weight for replicate 51 | School Weight Replicates | Rec #: 1, Pos: 515 |
| 13          | BYSCH52       | BRR school weight for replicate 52 | School Weight Replicates | Rec #: 1, Pos: 525 |
| 13          | BYSCH53       | BRR school weight for replicate 53 | School Weight Replicates | Rec #: 1, Pos: 535 |
| 13          | BYSCH54       | BRR school weight for replicate 54 | School Weight Replicates | Rec #: 1, Pos: 545 |
| 13          | BYSCH55       | BRR school weight for replicate 55 | School Weight Replicates | Rec #: 1, Pos: 555 |
| 13          | BYSCH56       | BRR school weight for replicate 56 | School Weight Replicates | Rec #: 1, Pos: 565 |
| 13          | BYSCH57       | BRR school weight for replicate 57 | School Weight Replicates | Rec #: 1, Pos: 575 |
| 13          | BYSCH58       | BRR school weight for replicate 58 | School Weight Replicates | Rec #: 1, Pos: 585 |
| 13          | BYSCH59       | BRR school weight for replicate 59 | School Weight Replicates | Rec #: 1, Pos: 595 |
| 13          | BYSCH60       | BRR school weight for replicate 60 | School Weight Replicates | Rec #: 1, Pos: 605 |
| 13          | BYSCH61       | BRR school weight for replicate 61 | School Weight Replicates | Rec #: 1, Pos: 615 |
| 13          | BYSCH62       | BRR school weight for replicate 62 | School Weight Replicates | Rec #: 1, Pos: 625 |
| 13          | BYSCH63       | BRR school weight for replicate 63 | School Weight Replicates | Rec #: 1, Pos: 635 |
| 13          | BYSCH64       | BRR school weight for replicate 64 | School Weight Replicates | Rec #: 1, Pos: 645 |
| 13          | BYSCH65       | BRR school weight for replicate 65 | School Weight Replicates | Rec #: 1, Pos: 655 |
| 13          | BYSCH66       | BRR school weight for replicate 66 | School Weight Replicates | Rec #: 1, Pos: 665 |
| 13          | BYSCH67       | BRR school weight for replicate 67 | School Weight Replicates | Rec #: 1, Pos: 675 |
| 13          | BYSCH68       | BRR school weight for replicate 68 | School Weight Replicates | Rec #: 1, Pos: 685 |
| 13          | BYSCH69       | BRR school weight for replicate 69 | School Weight Replicates | Rec #: 1, Pos: 695 |
| 13          | BYSCH70       | BRR school weight for replicate 70 | School Weight Replicates | Rec #: 1, Pos: 705 |
| 13          | BYSCH71       | BRR school weight for replicate 71 | School Weight Replicates | Rec #: 1, Pos: 715 |
| 13          | BYSCH72       | BRR school weight for replicate 72 | School Weight Replicates | Rec #: 1, Pos: 725 |
| 13          | BYSCH73       | BRR school weight for replicate 73 | School Weight Replicates | Rec #: 1, Pos: 735 |
| 13          | BYSCH74       | BRR school weight for replicate 74 | School Weight Replicates | Rec #: 1, Pos: 745 |
| 13          | BYSCH75       | BRR school weight for replicate 75 | School Weight Replicates | Rec #: 1, Pos: 755 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                      | Section Description      | Position            |
|-------------|---------------|-------------------------------------|--------------------------|---------------------|
| 13          | BYSCH76       | BRR school weight for replicate 76  | School Weight Replicates | Rec #: 1, Pos: 765  |
| 13          | BYSCH77       | BRR school weight for replicate 77  | School Weight Replicates | Rec #: 1, Pos: 775  |
| 13          | BYSCH78       | BRR school weight for replicate 78  | School Weight Replicates | Rec #: 1, Pos: 785  |
| 13          | BYSCH79       | BRR school weight for replicate 79  | School Weight Replicates | Rec #: 1, Pos: 795  |
| 13          | BYSCH80       | BRR school weight for replicate 80  | School Weight Replicates | Rec #: 1, Pos: 805  |
| 13          | BYSCH81       | BRR school weight for replicate 81  | School Weight Replicates | Rec #: 1, Pos: 815  |
| 13          | BYSCH82       | BRR school weight for replicate 82  | School Weight Replicates | Rec #: 1, Pos: 825  |
| 13          | BYSCH83       | BRR school weight for replicate 83  | School Weight Replicates | Rec #: 1, Pos: 835  |
| 13          | BYSCH84       | BRR school weight for replicate 84  | School Weight Replicates | Rec #: 1, Pos: 845  |
| 13          | BYSCH85       | BRR school weight for replicate 85  | School Weight Replicates | Rec #: 1, Pos: 855  |
| 13          | BYSCH86       | BRR school weight for replicate 86  | School Weight Replicates | Rec #: 1, Pos: 865  |
| 13          | BYSCH87       | BRR school weight for replicate 87  | School Weight Replicates | Rec #: 1, Pos: 875  |
| 13          | BYSCH88       | BRR school weight for replicate 88  | School Weight Replicates | Rec #: 1, Pos: 885  |
| 13          | BYSCH89       | BRR school weight for replicate 89  | School Weight Replicates | Rec #: 1, Pos: 895  |
| 13          | BYSCH90       | BRR school weight for replicate 90  | School Weight Replicates | Rec #: 1, Pos: 905  |
| 13          | BYSCH91       | BRR school weight for replicate 91  | School Weight Replicates | Rec #: 1, Pos: 915  |
| 13          | BYSCH92       | BRR school weight for replicate 92  | School Weight Replicates | Rec #: 1, Pos: 925  |
| 13          | BYSCH93       | BRR school weight for replicate 93  | School Weight Replicates | Rec #: 1, Pos: 935  |
| 13          | BYSCH94       | BRR school weight for replicate 94  | School Weight Replicates | Rec #: 1, Pos: 945  |
| 13          | BYSCH95       | BRR school weight for replicate 95  | School Weight Replicates | Rec #: 1, Pos: 955  |
| 13          | BYSCH96       | BRR school weight for replicate 96  | School Weight Replicates | Rec #: 1, Pos: 965  |
| 13          | BYSCH97       | BRR school weight for replicate 97  | School Weight Replicates | Rec #: 1, Pos: 975  |
| 13          | BYSCH98       | BRR school weight for replicate 98  | School Weight Replicates | Rec #: 1, Pos: 985  |
| 13          | BYSCH99       | BRR school weight for replicate 99  | School Weight Replicates | Rec #: 1, Pos: 995  |
| 13          | BYSCH100      | BRR school weight for replicate 100 | School Weight Replicates | Rec #: 1, Pos: 1005 |
| 13          | BYSCH101      | BRR school weight for replicate 101 | School Weight Replicates | Rec #: 1, Pos: 1015 |
| 13          | BYSCH102      | BRR school weight for replicate 102 | School Weight Replicates | Rec #: 2, Pos: 1    |
| 13          | BYSCH103      | BRR school weight for replicate 103 | School Weight Replicates | Rec #: 2, Pos: 11   |
| 13          | BYSCH104      | BRR school weight for replicate 104 | School Weight Replicates | Rec #: 2, Pos: 21   |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                      | Section Description      | Position           |
|-------------|---------------|-------------------------------------|--------------------------|--------------------|
| 13          | BYSCH105      | BRR school weight for replicate 105 | School Weight Replicates | Rec #: 2, Pos: 31  |
| 13          | BYSCH106      | BRR school weight for replicate 106 | School Weight Replicates | Rec #: 2, Pos: 41  |
| 13          | BYSCH107      | BRR school weight for replicate 107 | School Weight Replicates | Rec #: 2, Pos: 51  |
| 13          | BYSCH108      | BRR school weight for replicate 108 | School Weight Replicates | Rec #: 2, Pos: 61  |
| 13          | BYSCH109      | BRR school weight for replicate 109 | School Weight Replicates | Rec #: 2, Pos: 71  |
| 13          | BYSCH110      | BRR school weight for replicate 110 | School Weight Replicates | Rec #: 2, Pos: 81  |
| 13          | BYSCH111      | BRR school weight for replicate 111 | School Weight Replicates | Rec #: 2, Pos: 91  |
| 13          | BYSCH112      | BRR school weight for replicate 112 | School Weight Replicates | Rec #: 2, Pos: 101 |
| 13          | BYSCH113      | BRR school weight for replicate 113 | School Weight Replicates | Rec #: 2, Pos: 111 |
| 13          | BYSCH114      | BRR school weight for replicate 114 | School Weight Replicates | Rec #: 2, Pos: 121 |
| 13          | BYSCH115      | BRR school weight for replicate 115 | School Weight Replicates | Rec #: 2, Pos: 131 |
| 13          | BYSCH116      | BRR school weight for replicate 116 | School Weight Replicates | Rec #: 2, Pos: 141 |
| 13          | BYSCH117      | BRR school weight for replicate 117 | School Weight Replicates | Rec #: 2, Pos: 151 |
| 13          | BYSCH118      | BRR school weight for replicate 118 | School Weight Replicates | Rec #: 2, Pos: 161 |
| 13          | BYSCH119      | BRR school weight for replicate 119 | School Weight Replicates | Rec #: 2, Pos: 171 |
| 13          | BYSCH120      | BRR school weight for replicate 120 | School Weight Replicates | Rec #: 2, Pos: 181 |
| 13          | BYSCH121      | BRR school weight for replicate 121 | School Weight Replicates | Rec #: 2, Pos: 191 |
| 13          | BYSCH122      | BRR school weight for replicate 122 | School Weight Replicates | Rec #: 2, Pos: 201 |
| 13          | BYSCH123      | BRR school weight for replicate 123 | School Weight Replicates | Rec #: 2, Pos: 211 |
| 13          | BYSCH124      | BRR school weight for replicate 124 | School Weight Replicates | Rec #: 2, Pos: 221 |
| 13          | BYSCH125      | BRR school weight for replicate 125 | School Weight Replicates | Rec #: 2, Pos: 231 |
| 13          | BYSCH126      | BRR school weight for replicate 126 | School Weight Replicates | Rec #: 2, Pos: 241 |
| 13          | BYSCH127      | BRR school weight for replicate 127 | School Weight Replicates | Rec #: 2, Pos: 251 |
| 13          | BYSCH128      | BRR school weight for replicate 128 | School Weight Replicates | Rec #: 2, Pos: 261 |
| 13          | BYSCH129      | BRR school weight for replicate 129 | School Weight Replicates | Rec #: 2, Pos: 271 |
| 13          | BYSCH130      | BRR school weight for replicate 130 | School Weight Replicates | Rec #: 2, Pos: 281 |
| 13          | BYSCH131      | BRR school weight for replicate 131 | School Weight Replicates | Rec #: 2, Pos: 291 |
| 13          | BYSCH132      | BRR school weight for replicate 132 | School Weight Replicates | Rec #: 2, Pos: 301 |
| 13          | BYSCH133      | BRR school weight for replicate 133 | School Weight Replicates | Rec #: 2, Pos: 311 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                      | Section Description      | Position           |
|-------------|---------------|-------------------------------------|--------------------------|--------------------|
| 13          | BYSCH134      | BRR school weight for replicate 134 | School Weight Replicates | Rec #: 2, Pos: 321 |
| 13          | BYSCH135      | BRR school weight for replicate 135 | School Weight Replicates | Rec #: 2, Pos: 331 |
| 13          | BYSCH136      | BRR school weight for replicate 136 | School Weight Replicates | Rec #: 2, Pos: 341 |
| 13          | BYSCH137      | BRR school weight for replicate 137 | School Weight Replicates | Rec #: 2, Pos: 351 |
| 13          | BYSCH138      | BRR school weight for replicate 138 | School Weight Replicates | Rec #: 2, Pos: 361 |
| 13          | BYSCH139      | BRR school weight for replicate 139 | School Weight Replicates | Rec #: 2, Pos: 371 |
| 13          | BYSCH140      | BRR school weight for replicate 140 | School Weight Replicates | Rec #: 2, Pos: 381 |
| 13          | BYSCH141      | BRR school weight for replicate 141 | School Weight Replicates | Rec #: 2, Pos: 391 |
| 13          | BYSCH142      | BRR school weight for replicate 142 | School Weight Replicates | Rec #: 2, Pos: 401 |
| 13          | BYSCH143      | BRR school weight for replicate 143 | School Weight Replicates | Rec #: 2, Pos: 411 |
| 13          | BYSCH144      | BRR school weight for replicate 144 | School Weight Replicates | Rec #: 2, Pos: 421 |
| 13          | BYSCH145      | BRR school weight for replicate 145 | School Weight Replicates | Rec #: 2, Pos: 431 |
| 13          | BYSCH146      | BRR school weight for replicate 146 | School Weight Replicates | Rec #: 2, Pos: 441 |
| 13          | BYSCH147      | BRR school weight for replicate 147 | School Weight Replicates | Rec #: 2, Pos: 451 |
| 13          | BYSCH148      | BRR school weight for replicate 148 | School Weight Replicates | Rec #: 2, Pos: 461 |
| 13          | BYSCH149      | BRR school weight for replicate 149 | School Weight Replicates | Rec #: 2, Pos: 471 |
| 13          | BYSCH150      | BRR school weight for replicate 150 | School Weight Replicates | Rec #: 2, Pos: 481 |
| 13          | BYSCH151      | BRR school weight for replicate 151 | School Weight Replicates | Rec #: 2, Pos: 491 |
| 13          | BYSCH152      | BRR school weight for replicate 152 | School Weight Replicates | Rec #: 2, Pos: 501 |
| 13          | BYSCH153      | BRR school weight for replicate 153 | School Weight Replicates | Rec #: 2, Pos: 511 |
| 13          | BYSCH154      | BRR school weight for replicate 154 | School Weight Replicates | Rec #: 2, Pos: 521 |
| 13          | BYSCH155      | BRR school weight for replicate 155 | School Weight Replicates | Rec #: 2, Pos: 531 |
| 13          | BYSCH156      | BRR school weight for replicate 156 | School Weight Replicates | Rec #: 2, Pos: 541 |
| 13          | BYSCH157      | BRR school weight for replicate 157 | School Weight Replicates | Rec #: 2, Pos: 551 |
| 13          | BYSCH158      | BRR school weight for replicate 158 | School Weight Replicates | Rec #: 2, Pos: 561 |
| 13          | BYSCH159      | BRR school weight for replicate 159 | School Weight Replicates | Rec #: 2, Pos: 571 |
| 13          | BYSCH160      | BRR school weight for replicate 160 | School Weight Replicates | Rec #: 2, Pos: 581 |
| 13          | BYSCH161      | BRR school weight for replicate 161 | School Weight Replicates | Rec #: 2, Pos: 591 |
| 13          | BYSCH162      | BRR school weight for replicate 162 | School Weight Replicates | Rec #: 2, Pos: 601 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                      | Section Description      | Position           |
|-------------|---------------|-------------------------------------|--------------------------|--------------------|
| 13          | BYSCH163      | BRR school weight for replicate 163 | School Weight Replicates | Rec #: 2, Pos: 611 |
| 13          | BYSCH164      | BRR school weight for replicate 164 | School Weight Replicates | Rec #: 2, Pos: 621 |
| 13          | BYSCH165      | BRR school weight for replicate 165 | School Weight Replicates | Rec #: 2, Pos: 631 |
| 13          | BYSCH166      | BRR school weight for replicate 166 | School Weight Replicates | Rec #: 2, Pos: 641 |
| 13          | BYSCH167      | BRR school weight for replicate 167 | School Weight Replicates | Rec #: 2, Pos: 651 |
| 13          | BYSCH168      | BRR school weight for replicate 168 | School Weight Replicates | Rec #: 2, Pos: 661 |
| 13          | BYSCH169      | BRR school weight for replicate 169 | School Weight Replicates | Rec #: 2, Pos: 671 |
| 13          | BYSCH170      | BRR school weight for replicate 170 | School Weight Replicates | Rec #: 2, Pos: 681 |
| 13          | BYSCH171      | BRR school weight for replicate 171 | School Weight Replicates | Rec #: 2, Pos: 691 |
| 13          | BYSCH172      | BRR school weight for replicate 172 | School Weight Replicates | Rec #: 2, Pos: 701 |
| 13          | BYSCH173      | BRR school weight for replicate 173 | School Weight Replicates | Rec #: 2, Pos: 711 |
| 13          | BYSCH174      | BRR school weight for replicate 174 | School Weight Replicates | Rec #: 2, Pos: 721 |
| 13          | BYSCH175      | BRR school weight for replicate 175 | School Weight Replicates | Rec #: 2, Pos: 731 |
| 13          | BYSCH176      | BRR school weight for replicate 176 | School Weight Replicates | Rec #: 2, Pos: 741 |
| 13          | BYSCH177      | BRR school weight for replicate 177 | School Weight Replicates | Rec #: 2, Pos: 751 |
| 13          | BYSCH178      | BRR school weight for replicate 178 | School Weight Replicates | Rec #: 2, Pos: 761 |
| 13          | BYSCH179      | BRR school weight for replicate 179 | School Weight Replicates | Rec #: 2, Pos: 771 |
| 13          | BYSCH180      | BRR school weight for replicate 180 | School Weight Replicates | Rec #: 2, Pos: 781 |
| 13          | BYSCH181      | BRR school weight for replicate 181 | School Weight Replicates | Rec #: 2, Pos: 791 |
| 13          | BYSCH182      | BRR school weight for replicate 182 | School Weight Replicates | Rec #: 2, Pos: 801 |
| 13          | BYSCH183      | BRR school weight for replicate 183 | School Weight Replicates | Rec #: 2, Pos: 811 |
| 13          | BYSCH184      | BRR school weight for replicate 184 | School Weight Replicates | Rec #: 2, Pos: 821 |
| 13          | BYSCH185      | BRR school weight for replicate 185 | School Weight Replicates | Rec #: 2, Pos: 831 |
| 13          | BYSCH186      | BRR school weight for replicate 186 | School Weight Replicates | Rec #: 2, Pos: 841 |
| 13          | BYSCH187      | BRR school weight for replicate 187 | School Weight Replicates | Rec #: 2, Pos: 851 |
| 13          | BYSCH188      | BRR school weight for replicate 188 | School Weight Replicates | Rec #: 2, Pos: 861 |
| 13          | BYSCH189      | BRR school weight for replicate 189 | School Weight Replicates | Rec #: 2, Pos: 871 |
| 13          | BYSCH190      | BRR school weight for replicate 190 | School Weight Replicates | Rec #: 2, Pos: 881 |

**Table M-1. Full Scale All Variables—Continued**

| File number | Variable name | Variable label                      | Section Description      | Position           |
|-------------|---------------|-------------------------------------|--------------------------|--------------------|
| 13          | BYSCH191      | BRR school weight for replicate 191 | School Weight Replicates | Rec #: 2, Pos: 891 |
| 13          | BYSCH192      | BRR school weight for replicate 192 | School Weight Replicates | Rec #: 2, Pos: 901 |
| 13          | BYSCH193      | BRR school weight for replicate 193 | School Weight Replicates | Rec #: 2, Pos: 911 |
| 13          | BYSCH194      | BRR school weight for replicate 194 | School Weight Replicates | Rec #: 2, Pos: 921 |
| 13          | BYSCH195      | BRR school weight for replicate 195 | School Weight Replicates | Rec #: 2, Pos: 931 |
| 13          | BYSCH196      | BRR school weight for replicate 196 | School Weight Replicates | Rec #: 2, Pos: 941 |
| 13          | BYSCH197      | BRR school weight for replicate 197 | School Weight Replicates | Rec #: 2, Pos: 951 |
| 13          | BYSCH198      | BRR school weight for replicate 198 | School Weight Replicates | Rec #: 2, Pos: 961 |
| 13          | BYSCH199      | BRR school weight for replicate 199 | School Weight Replicates | Rec #: 2, Pos: 971 |
| 13          | BYSCH200      | BRR school weight for replicate 200 | School Weight Replicates | Rec #: 2, Pos: 981 |



## **Appendix N. F3 Composites**

---

*This page left intentionally blank.*

**F3QWT**

A weight for sample members who completed a questionnaire in the third follow-up.

**F3BYPNLWT**

A panel weight for all sample members who completed a questionnaire in the base year and third follow-up.

**F3F1PNLWT**

A panel weight for all sample members who completed a questionnaire in the first follow-up and third follow-up.

**F3QTSCWT**

A weight for all sample members who completed a questionnaire in the third follow-up and for whom high school transcript data has been collected.

**F3BYTSCWT**

A panel weight for all sample members who completed a questionnaire in the base year and the third follow-up and for whom high school transcript data has been collected.

**F3FITSCWT**

A panel weight for all sample members who completed a questionnaire in the first follow-up and the third follow-up and for whom high school transcript data has been collected.

**F3UNIV**

Indicates simultaneously the base-year, first follow-up, second follow-up, and third follow-up response status of each sample member. This variable has values that account for all possible binary response status patterns (respondent versus nonrespondent) of ELS:2002 sample members across all rounds.

**F3UNIVG10**

Indicates simultaneously the base-year, first follow-up, second follow-up and third follow-up response status of sample members belonging to the 10th-grade cohort. The high school transcript population is also represented. This variable has values that account for all possible binary response status patterns (respondent versus nonrespondent) of ELS:2002 sample members across all rounds. It should be noted that a designation of nonrespondent in the context of this variable represents all varieties of nonresponse including sample members that were out of the country, incapacitated, institutionalized, refused, could not be located or were otherwise out-of-scope.

**F3UNIVG12**

Indicates simultaneously the base-year, first follow-up, second follow-up and third follow-up response status of sample members belonging to the 12th-grade cohort. The high school

transcript population is also represented. This variable has values that account for all possible binary response status patterns (respondent versus nonrespondent) of ELS:2002 sample members across all rounds. It should be noted that a designation of nonrespondent in the context of this variable represents all varieties of nonresponse including sample members that were out of the country, incapacitated, institutionalized, refused, could not be located or were otherwise out-of-scope.

**F3NRSTAT**

Reason for third follow-up survey nonresponse, if applicable, as indicated in the Survey Control System.

**F3QSTAT**

F3QSTAT indicates whether the sample member responded to the third follow-up survey. If the sample member was in fact a third follow-up survey respondent, F3QSTAT also indicates both the interview mode (web self-administered, CATI, or CAPI) and interview type (full-length or abbreviated) for their third follow-up participation.

**F3QDATE**

Month and year the sample member responded to the third follow-up interview.

**F3HSSTAT**

Final high school completion statuses from F2HSSTAT are carried forward to F3HSSTAT (i.e., if F2HSSTAT in (1,2,3,4,5,6) then F3HSSTAT = F2HSSTAT). Third follow-up respondents with a nonfinal high F2HSSTAT value (i.e., “Still enrolled in high school” (F2HSSTAT = 7); “Working towards GED or equivalent” (F2HSSTAT = 8); “No diploma, not in HS, not pursuing GED” (F2HSSTAT = 9); and “Status cannot be determined” (F2HSSTAT = 10)) were asked about their high school completion status as a part of their third follow-up interview, and F3HSSTAT then updates F2HSSTAT accordingly. See F2HSSTAT for more information on the previous version of this variable.

NOTE: F3HSSTAT is ultimately built from sample members’ responses to questionnaire items, supplemented by high school transcript information when necessary. F3HSSTAT does not, however, use information from the GED Testing Program as an input; for additional information on GED completion, including information gathered from the GED Testing Program, please see F3EVRGED. Please also note that although ELS:2002 survey instruments treat ““certificate of attendance”” as a final high school completion status, sample members may have earned a high school diploma, GED, or other high school equivalency subsequent to receiving a certificate of attendance.

**F3HSCPDR**

All nonmissing values from F2HSCPDR are carried forward to F3HSCPDR; for all other cases, F3HSCPDR updates F2HSCPDR when a final high school completion status and an

associated high school completion date can be determined based on responses to the third follow-up questionnaire. See F2HSCPDR for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

### **F3EVERDO**

F3EVERDO updates F2EVERDO in cases where third follow-up questionnaire responses indicate receipt of a GED, or indicate the respondent has not earned a high school credential; F3EVERDO is therefore ultimately built from information collected from the first follow-up survey control system, from high school transcripts, and during the second and third follow-ups. See F2EVERDO for more information on the previous version of this variable.

NOTE: While the third follow-up interview included questions regarding high school completion status, it did not include questions regarding high school dropout episodes (questions regarding high school dropout episodes were last asked as a part of the 2006 second follow-up questionnaire). Data users should therefore note the existence of cases where no direct evidence of a high school dropout episode was ever obtained (F3EVERDO = 0), but the high school completion date (F3HSCPDR) is much later than expected for a 2002 high school sophomore or 2004 high school senior.

### **F3EVRGED**

F3EVRGED updates F2EVRGED in cases where third follow-up questionnaire responses indicate receipt of a GED; F3EVRGED is therefore ultimately built from information collected during the first follow-up, the second follow-up, the third follow-up, from high school transcripts, and from the GED Testing Program. See F2EVRGED for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up; see the F2 GED File ("GED.PRI") for external source data drawn from the American Council on Education (ACE) GED Testing Service.

### **F3GEDPRG**

F3GEDPRG updates F2GEDPRG in cases where third follow-up questionnaire responses indicate receipt of a GED; F3GEDPRG is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2GEDPRG for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

### **F3WYGED1**

F3WYGED1 updates F2WYGED1 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED1 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See

F2WYGED1 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

NOTE: While F3EVRGED draws on nonsurvey data (i.e., high school transcripts and the GED Testing Program), F3WYGED1 is built exclusively from survey data; it is possible, therefore, for some sample members to have F3EVRGED = 1 and F3WYGED1 = -3 (legitimate skip), e.g., if high school transcript indicated receipt of a GED, but the respondent indicated receipt of a diploma.

### **F3WYGED2**

F3WYGED2 updates F2WYGED2 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED2 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED2 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

NOTE: While F3EVRGED draws on nonsurvey data (i.e., high school transcripts and the GED Testing Program), F3WYGED2 is built exclusively from survey data; it is possible, therefore, for some sample members to have F3EVRGED = 1 and F3WYGED2 = -3 (legitimate skip), e.g., if high school transcript indicated receipt of a GED, but the respondent indicated receipt of a diploma.

### **F3WYGED3**

F3WYGED3 updates F2WYGED3 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED3 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED3 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

### **F3WYGED4**

F3WYGED4 updates F2WYGED4 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED4 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED4 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

### **F3WYGED5**

F3WYGED5 updates F2WYGED5 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED5 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED5 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

**F3WYGED6**

F3WYGED6 updates F2WYGED6 in cases where third follow-up questionnaire responses indicate receipt of a GED; F3WYGED6 is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2WYGED6 for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

**F3GEDST**

F3GEDST updates F2GEDST in cases where third follow-up questionnaire responses indicate receipt of a GED; F3GEDST is therefore ultimately built from information collected during the first follow-up, the second follow-up, and the third follow-up. See F2GEDST for more information on the previous version of this variable; see F3HSSTAT for further details on updating high school completion status as of the third follow-up.

**F3JUNEDSTAT**

F3JUNEDSTAT characterizes the respondent's postsecondary enrollment status as of June 2012; for postsecondary enrollment status as of the respondent's third follow-up interview date, see composite variable F3EDSTAT. Users should note that (1) there are subtle differences between the coding scheme for F3JUNEDSTAT and the coding scheme for F3EDSTAT, and (2) while F3EDSTAT uses IPEDS data to categorize postsecondary school type, F3JUNEDSTAT is based exclusively on sample members' responses to survey items. In instances where respondents provided potentially conflicting information regarding their June 2012 enrollment status (for example, when F3A03D = 1 but F3A12 < 201206; or, when F3A03D = 0 and F3A03E = 0, but F3PSLSTART < 201206 and F3A12 > 201206), F3JUNEDSTAT is coded as "possibly enrolled as of June 2012" (F3JUNEDSTAT = 2).

**F3EVRATT**

This variable indicates whether the respondent has ever attended a postsecondary institution; it is taken directly from the third follow-up interview (F3A11) if available, and imputed for third follow-up respondents if missing (use F3EVRATTIM to identify imputed F3EVRATT values).

**F3EDSTAT**

Indicates the respondent's postsecondary enrollment status as of the third follow-up interview; F3EDSTAT is imputed when missing for third follow-up respondents (use F3EDSTATIM to identify imputed F3EDSTAT values). Respondents are coded as "currently taking courses, institutional level unknown" (F3EDSTAT = 4) when they were known to be taking postsecondary courses as of their third follow-up interview (F3A01D = 1 or F3A01E = 1), and one of the following is true: (1) their current institution is unknown; (2) the level of their current institution is unknown; or (3) there is an inconsistency between respondent report and the level of their current institution as indicated by IPEDS data, e.g., the respondent reports they are currently attending a 2- or 4-year school (F3A01D = 1), but

IPEDS data indicates the level of their current institution is a <2-year school (F3PSLLVL = 3).

**F3PS1START**

F3PS1START indicates the year and month of the respondent began attending their first-attended postsecondary institution (i.e., F3PS1START stores the F3ISTDATE value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1). See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

**F3PS1LVL**

F3PS1LVL indicates the level of the respondent's first-attended postsecondary institution (i.e., F3PS1LVL stores the F3ILEVEL value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1). See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

**F3PS1CTR**

F3PS1CTR indicates the control of the respondent's first-attended postsecondary institution (i.e., F3PS1CTR stores the F3ICNTRL value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1). See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

**F3PS1SEC**

F3PS1SEC indicates the sector of the respondent's first-attended postsecondary institution (i.e., F3PS1SEC stores the F3ISECTR value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1). See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

**F3PS1SLC**

F3PS1SLC indicates the selectivity of the respondent's first-attended postsecondary institution (i.e., F3PS1SLC stores the F3ISELC value from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1). See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

**F3PS1OUT**

F3PS1OUT indicates whether the respondent's first-attended postsecondary institution was out of state with respect to their permanent address as of the third follow-up interview. The indicator is set via comparing the state associated with the respondent's residential zip code

(F3RESZIP) with the state identified by F3ISTATE from the sample member's record on the ELS third follow-up student-institution file where F3IFIRSTINST = 1. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

### **F3PS1RETAIN**

F3PS1RETAIN indicates the respondent's status with respect to their first-attended postsecondary institution (i.e., whether they earned a credential from their first-attended postsecondary institution, whether they are still enrolled at their first-attended postsecondary institution, or whether they left their first attended postsecondary institution without a credential and attended some other postsecondary institution). Data users should note that "No credential from PS1; no longer attending PS1; did attend another postsecondary institution" (F3PS1RETAIN = 4) does not necessarily indicate a transfer, since enrollment at an additional school which is concurrent with, but not subsequent to, enrollment at their first-attended postsecondary institution may be coded as F3PS1RETAIN = 4. See F3IFIRSTINST for further information regarding identification of the respondent's first-attended postsecondary institution.

### **F3PSTIMING**

F3PSTIMING indicates the timing of the respondent's first postsecondary enrollment by comparing their high school completion date (F3HSCPDR) to the date the respondent began attending their first-attended postsecondary institution (F3PS1START). F3PSTIMING distinguishes between "delayed" and "immediate" attendance in the same manner as is done in the second follow-up variable F2RTYPE; that is, respondents are coded as having "immediate" postsecondary attendance if their postsecondary attendance began by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). Respondents are coded as having "delayed" postsecondary attendance if their postsecondary attendance did not begin by October of their high school completion/exit year (if their high school completion/exit date was between January and July), or by the following February (if their high school completion/exit date was after July). See variable F3HS2PS1 for additional detail regarding the timing of initial postsecondary attendance relative to high school completion.

### **F3PSLLVL**

F3PSLLVL indicates the level of the respondent's last/currently attended postsecondary institution (i.e., F3PSLLVL stores the F3ILEVEL value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PSLCTR**

F3PSLCTR indicates the control of the respondent's last/currently attended postsecondary institution (i.e., F3PSLCTR stores the F3ICNTRL value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PSLSEC**

F3PSLSEC indicates the sector of the respondent's last/currently attended postsecondary institution (i.e., F3PSLSEC stores the F3ISECTR value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PSLSLC**

F3PSLSLC indicates the selectivity of the respondent's last/currently attended postsecondary institution (i.e., F3PSLSLC stores the F3ISELC value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PSLSTART**

F3PSLSTART indicates the year and month the respondent began attending their last/currently attended postsecondary institution (i.e., F3PSLSTART stores the F3ISTDATE value from the sample member's record on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PSLCRED**

F3PSLCRED indicates whether the respondent earned a credential from their last/currently attended postsecondary institution (i.e., the institution on the ELS third follow-up student-institution file where F3ILASTINST = 1). See F3ILASTINST for further information regarding identification of the respondent's last/currently attended postsecondary institution.

### **F3PS2BA**

This variable indicates the number of months between postsecondary entry and receipt of a bachelor's degree. F3PS2BA is calculated by comparing the date the respondent first attended a postsecondary institution (F3PS1START) to the date they received a bachelor's degree. If the respondent reported receipt of multiple bachelor's degrees, then the earliest bachelor's-receipt date is used in the calculation of F3PS2BA; if the respondent had not earned a bachelor's degree as of the third follow-up (F3ATTAINMENT = 1, 2, 3, 4, or 5),

then F3PS2BA is coded as -3. F3PS2BA is imputed when missing for third follow-up respondents (use F3PS2BAIM to identify imputed F3PS2BA values).

NOTE: Data users should note the existence of cases where the number of months between postsecondary entry and bachelor's completion (F3PS2BA) is greater than the number of months between high school completion and bachelor's completion (F3HS2BA). This data pattern is associated with sample members who reported an initial postsecondary enrollment date which precedes their high school credential date.

### **F3HS2PS1**

F3HS2PS1 updates F2HS2PS1 by indicating the number of months between the respondent's high school credential date and the date they first attended a postsecondary institution. F2HS2PS1 values are carried forward to F3HS2PS1 for all sample members where F2HS2PS1 > 0; for all remaining sample members with evidence of postsecondary attendance, F3HS2PS1 values are calculated by comparing the respondent's high school credential date (F3HSCPDR) to the date they first attended a postsecondary institution (F3PS1START). Cases where F3PS1START precedes F3HSCPDR are handled as follows: if the sample member ultimately earned a postsecondary credential from their first-attended postsecondary school (F3PS1RETAIN = 1 or 2), or was still attending their first-attended postsecondary school as of the third follow-up (F3PS1RETAIN = 1 or 3) then F3HS2PS1 is set to 0; else if the date the sample member last attended any postsecondary school (F3A12) does not precede F3HSCPDR, and the sample member did not subsequently attend another postsecondary institution (F3PS1RETAIN = 5), then F3HS2PS1 is set to 0. For any remaining sample member where F3PS1START precedes F3HSCPDR, F3HS2PS1 is set to -9. F3HS2PS1 is also set to -9 for sample members who reported no postsecondary attendance in the second follow-up (F2EVRATT = 0), but did not respond to the third follow-up interview.

NOTE: For sample members who indicated postsecondary attendance during their second follow-up interview, a distinction is made between the first chronological institution and the first "real" institution (though those institutions are often one in the same), and such a distinction is reflected in both F2HS2PS1 and F3HS2PS1 (see F2PS1 for further information on the distinction between the first chronological institution and the first "real" institution; see F2HS2PS1 for further information on the previous version of this variable). Such a distinction is not possible, however, for sample members who did not respond in the second follow-up, or did not report postsecondary enrollment during their second follow-up participation.

### **F3HS2BA**

This variable indicates the number of months between high school completion and receipt of a bachelor's degree. F3HS2BA is calculated by comparing the respondent's high school credential date (F3HSCPDR) to the date they received a bachelor's degree. If the respondent

reported receipt of multiple bachelor's degrees, then the earliest bachelor's-receipt date is used in the calculation of F3HS2BA; if the respondent had not earned a Bachelor's degree as of the third follow-up (i.e., F3ATTAINMENT = 1, 2, 3, 4, or 5), then F3HS2BA is coded as -3. F3HS2BA is imputed when missing for third follow-up respondents (use F3HS2BAIM to identify imputed F3HS2BA values).

NOTE: Data users should note the existence of cases where the number of months between postsecondary entry and bachelor's completion (F3PS2BA) is greater than the number of months between high school completion and bachelor's completion (F3HS2BA). This data pattern is associated with sample members who reported an initial postsecondary enrollment date which precedes their high school credential date.

**F3NATTND**

F3NATTND stores the number of postsecondary institutions attended by the respondent (i.e., F3NATTND is the number of postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file). Data users should note that in some cases F3NATTND is smaller than F2NATTND; this inconsistency is at least partially a function of the fact that second follow-up respondents were asked to provide an explicit number of postsecondary institutions they had attended (that number is stored in F2NATTND even if it is greater than the number of individual institutions about which the respondent actually provided attendance information), while third follow-up respondents were not asked to provide such a number (F3NATTND is instead calculated by simply tallying the number of individual institutions about which the respondent actually provided information). See F2NATTND for further detail regarding this nuance.

**F3NUMPUB**

F3NUMPUB stores the number of public postsecondary institutions attended by the respondent (i.e., F3NUMPUB is the number of public postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUMPRIFOR**

F3NUMPRIFOR stores the number of private for-profit postsecondary institutions attended by the respondent (i.e., F3NUMPRIFOR is the number of private for-profit postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUMPRINOT**

F3NUMPRINOT stores the number of private not-for-profit postsecondary institutions attended by the respondent (i.e., F3NUMPRINOT is the number of private not-for-profit postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUM4YR**

F3NUM4YR stores the number of 4-year postsecondary institutions attended by the respondent (i.e., F3NUM4YR is the number of 4-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUM2YR**

F3NUM2YR stores the number of 2-year postsecondary institutions attended by the respondent (i.e., F3NUM2YR is the number of 2-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUMLT2**

F3NUMLT2 stores the number of less-than 2-year postsecondary institutions attended by the respondent (i.e., F3NUMLT2 is the number of less-than-2-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file).

**F3NUMMOD4**

F3NUMMOD4 stores the number of moderately selective 4-year postsecondary institutions attended by the respondent (i.e., F3NUMMOD4 is the number of moderately selective 4-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile); “moderately selective” 4-year institutions refer to those whose first-year students’ test scores places them in roughly the middle two-fifths of baccalaureate institutions.

**F3NUMINCL4**

F3NUMINCL4 stores the number of inclusive 4-year postsecondary institutions attended by the respondent (i.e., F3NUMINCL4 is the number of inclusive 4-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile); “inclusive” 4-year institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

**F3NUMHI4**

F3NUMHI4 stores the number of highly selective 4-year postsecondary institutions attended by the respondent (i.e., F3NUMHI4 is the number of highly selective 4-year postsecondary institutions associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010:

Undergraduate Profile); “highly selective” 4-year institutions refer to those whose first-year students’ test scores places them in roughly the top fifth of baccalaureate institutions.

**F3NUMHBCU**

F3NUMHBCU stores the number of Historically Black Colleges or Universities attended by the respondent (i.e., F3NUMHBCU is the number of Historically Black Colleges or Universities associated with the respondent on the ELS third follow-up student-institution file).

**F3EVRPUB**

F3EVRPUB indicates whether the respondent has ever attended a public postsecondary institution (i.e., F3EVRPUB indicates whether there is a public postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVRPRIFOR**

F3EVRPRIFOR indicates whether the respondent has ever attended a private for-profit postsecondary institution (i.e., F3EVRPRIFOR indicates whether there is a private for-profit postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVRPRINOT**

F3EVRPRINOT indicates whether the respondent has ever attended a private not-for-profit postsecondary institution (i.e., F3EVRPRINOT indicates whether there is a private not-for-profit postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVR4YR**

F3EVR4YR indicates whether the respondent has ever attended a 4-year postsecondary institution (i.e., F3EVR4YR indicates whether there is a 4-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVR2YR**

F3EVR2YR indicates whether the respondent has ever attended a 2-year postsecondary institution (i.e., F3EVR2YR indicates whether there is a 2-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVRLT2**

F3EVRLT2 indicates whether the respondent has ever attended a less-than 2-year postsecondary institution (i.e., F3EVRLT2 indicates whether there is a less-than-2-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file).

**F3EVRMOD4**

F3EVRMOD4 indicates whether the respondent has ever attended a moderately-selective 4-year postsecondary institution (i.e., F3EVRMOD4 indicates whether there is a moderately-selective 4-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile). Four-year institutions coded as “moderately selective” refer to those whose first-year students’ test scores places them in roughly the middle two-fifths of baccalaureate institutions.

**F3EVRINCL4**

F3EVRINCL4 indicates whether the respondent has ever attended an inclusive 4-year postsecondary institution (i.e., F3EVRINCL4 indicates whether there is an inclusive 4-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile). Four-year institutions coded as “inclusive” either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

**F3EVRHI4**

F3EVRHI4 indicates whether the respondent has ever attended a highly-selective 4-year postsecondary institution (i.e., F3EVRHI4 indicates whether there is a highly-selective 4-year postsecondary institution associated with the respondent on the ELS third follow-up student-institution file). The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile). Four-year institutions coded as “highly selective” refer to those whose first-year students’ test scores places them in roughly the top fifth of baccalaureate institutions.

**F3EVRHBCU**

F3EVRHBCU indicates whether the respondent has ever attended a Historically Black College or University (i.e., F3EVRHBCU indicates whether there is a Historically Black College or University associated with the respondent on the ELS third follow-up student-institution file).

**F3PSSELECT**

F3PSSELECT indicates the highest level of admissions selectivity among all postsecondary institutions attended by the respondent. The ELS:2002 institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile): “highly selective” 4-

year institutions refer to those whose first-year students' test scores places them in roughly the top fifth of baccalaureate institutions; "moderately selective" 4-year institutions refer to those whose first-year students' test scores places them in roughly the middle two-fifths of baccalaureate institutions; "inclusive" 4-year institutions either did not report test score data, or their scores indicate that they extend educational opportunity to a wide range of students with respect to academic preparation and achievement.

**F3ATTAINMENT**

Indicates the respondent's highest level of education as of the third follow-up interview.

F3ATTAINMENT is imputed when missing for third follow-up respondents (use F3ATTAINMENTIM to identify imputed F3ATTAINMENT values).

**F3ATTAINDATE**

Indicates the month and year the respondent completed their highest level of education (i.e., the month and year the respondent completed the level of education indicated by F3ATTAINMENT). If F3ATTAINMENT indicates "no high school credential and no postsecondary attendance" (F3ATTAINMENT = 1), then F3ATTAINDATE is set to -3; if F3ATTAINMENT indicates "some postsecondary attendance, but no postsecondary credential" (F3ATTAINMENT = 3), then F3ATTAINDATE is set to the sample member's high school completion date (if available).

**F3FIRSTPSCRED**

Indicates the type of postsecondary credential first earned by the respondent, if any.

F3FIRSTPSCRED may be equal to or less than, but not greater than, the type of postsecondary credential indicated by F3ATTAINMENT. F3FIRSTPSCRED is set to missing (-9) in instances where the respondent reported a graduate degree but did not report an undergraduate degree.

**F3FIRSTPSCRDATE**

Indicates the month and year the respondent received their first postsecondary credential, if any. F3FIRSTPSCRDATE may be earlier than or the same as, but not later than, F3ATTAINDATE. F3FIRSTPSCRDATE is set to missing (-9) in instances where the respondent reported a graduate degree but did not report an undergraduate degree.

**F3BYEDEXPFF**

F3BYEDEXPFF compares the sample member's highest level of education as of the third follow-up (F3ATTAINMENT) to their base-year educational expectations (BYSTEXP), and indicates whether the respondent exceeded those expectations, met those expectations exactly, or did not meet those expectations. Sample members coded as "base-year expectations and third follow-up attainment are not comparable" (F3BYEDEXPFF = 5) are those whose base-year expectations were "attend or complete a 2-year school course in a community college or vocational school" (BYSTEXP = 3) or "attend college, but not

complete a 4-year degree” (BYSTEXP = 4), but their educational attainment as of the third follow-up was “some postsecondary attendance, no postsecondary credential” (F3ATTAINMENT = 3), “undergraduate certificate” (F3ATTAINMENT = 4), or “associate’s degree” (F3ATTAINMENT = 5).

NOTE: Since nonmissing F3BYEDEXPFF values are dependent on both base-year and third follow-up response, analyses involving F3BYEDEXPFF are best conducted using the panel weight F3BYPNLWT.

### **F3F1EDEXPFF**

F3F1EDEXPFF compares the sample member’s highest level of education as of the third follow-up (F3ATTAINMENT) to their educational expectations as of the first follow-up (F1STEXP), and indicates whether the respondent exceeded those expectations, met those expectations exactly, or did not meet those expectations. Sample members coded as “first follow-up expectations and third follow-up attainment are not comparable” (F3F1EDEXPFF = 5) are those whose expectations as of the first follow-up were “attend or complete a 1- or 2-year program in a community college or vocational school” (F1STEXP = 4) or “attend college, but not complete a 4- or 5-year degree” (F1STEXP = 5), but their educational attainment as of the third follow-up was “some postsecondary attendance, no postsecondary credential” (F3ATTAINMENT = 3), “undergraduate certificate” (F3ATTAINMENT = 4), or “associate’s degree” (F3ATTAINMENT = 5).

NOTE: Since nonmissing F3F1EDEXPFF values are dependent on both first follow-up and third follow-up response, analyses involving F3F1EDEXPFF are best conducted using the panel weight F3F1PNLWT.

### **F3FURTHERED**

F3FURTHERED compares the respondent’s highest level of education (F3ATTAINMENT) to the highest level of education they ever expect to receive (F3STEXP), and indicates whether they have already attained their highest expected education level.

### **F3STEXP**

F3STEXP indicates whether the highest level of education the respondent ever expects to complete; it is taken directly from the third follow-up interview (F3A17) if available, and imputed for third follow-up respondents if missing (use F3STEXPIM to identify imputed F3STEXP values).

### **F3HIIMPACT**

This variable summarizes F3A14A—F3A14F by summing the number of high-impact educational activities in which the respondent reported participating as a part of their postsecondary enrollment. The third follow-up questionnaire asked respondents about the following high-impact educational activities:

- Internship, co-op, field experience, student teaching, or clinical assignment (F3A14A)
- Research project with a faculty member outside of course or program requirements (F3A14B)
- Study abroad (F3A14C)
- Community-based project as part of a regular course (F3A14D)
- Culminating senior experience, such as a capstone course, senior project or thesis, or comprehensive exam (F3A14E)
- A program in which the respondent was mentored (F3A14F)

### **F3EVRJOB**

This variable indicates whether the respondent has ever worked for pay since January 2006; it is drawn directly from the third follow-up survey when available (F3B09), and is imputed when missing. Use variable F3EVRJOBIM to identify imputed values for F3EVRJOB.

### **F3EMPSTAT**

F3EMPSTAT characterizes the respondent's employment status as of their third follow-up interview in terms of the number and type (full-time v. part-time) of job(s) they were working. If the respondent was working multiple jobs, F3EMPSTAT also indicates the number of hours worked across all their jobs. If the respondent was not working for pay as of their third follow-up interview, F3EMPSTAT distinguishes between those looking for work ("unemployed") and those not looking for work ("out of the labor force"). F3EMPSTAT is built from third follow-up survey variables, and is imputed when missing for third follow-up respondents. Use variable F3EMPSTATIM to identify imputed values for F3EMPSTAT.

### **F3JUNEMPSTAT**

F3JUNEMPSTAT characterizes the respondent's employment status as of June 2012; for employment status as of the respondent's third follow-up interview date, see composite variable F3EMPSTAT. Users should note that while the third follow-up interview collected extensive detail regarding employment status as of the third follow-up interview (e.g., exact number of jobs worked, number of hours worked per week, whether looking for work if not currently employed, etc.), relatively less detail was collected regarding employment status as of June 2012. As such, F3JUNEMPSTAT categories are not identical to (i.e., are less detailed than) F3EMPSTAT categories.

### **F3ONET2CURR**

F3ONET2CURR stores the 2-digit (general category) Occupational Information Network (O\*NET) code associated with the respondent's current or most recent job. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. see [www.onetonline.org](http://www.onetonline.org) for further information regarding the O\*NET codeframe.

**F3ONET6CURR**

F3ONET6CURR stores the Occupational Information Network (O\*NET) code associated with the respondent's current or most recent job. F3ONET6CURR is a 6-digit code with the first 2 digits (equivalent to F3ONET2CURR) indicating a general category, the third digit indicating a mid-level category, and the last 3 digits a specific category. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See the ELS:2002 Third Follow-up Data File Documentation (Ingels et al. 2013, NCES 2014-364) for further information regarding upcoding activities; see [www.onetonline.org](http://www.onetonline.org) for further information regarding the O\*NET codeframe.

**F3SEICURR**

The respondent's current or most recent job, mapped from the Occupational Information Network (O\*NET) coding scheme to the ELS:2002 base-year / first follow-up coding scheme (e.g., the scheme used in variable BYOCCUF). Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. For further upcoding information, see the ELS:2002 Third Follow-up Data File Documentation (op. cit.).

**F3HOURWAGE**

F3HOURWAGE indicates the respondent's earnings at their current/most recent job, standardized to dollars per hour. Please note that F3HOURWAGE is set to missing (-9) for third follow-up respondents who reported a "per day" wage (i.e., where F3B26 = 2 and F3B27 < 1), due to lack of information regarding the number of hours such respondents worked per day.

**F3EMPMONTHS**

For respondents who were employed at the time of their third follow-up interview, F3EMPMONTHS calculates the number of months the respondent was employed at their current job by comparing the start date for their current job (F3B16) to the date of their third follow-up interview (F3QDATE); for respondents who were not employed at the time of their third follow-up interview (but were employed at some point in the past), F3EMPMONTHS calculates the number of months the respondent was employed at their most recent job by comparing the start date for their most recent job (F3B16) to the date they last worked for pay (F3B13).

**F3ERN2011**

The respondent's earnings from employment during the 2011 calendar year are drawn directly from the third follow-up interview when available (F3D20), and are imputed when missing. Imputed values for F3ERN2011 can be identified by using F3ERN2011IM.

**F3EMPINC2011**

This variable is the 2011 income from employment for the respondent (or, if applicable, for the respondent and the respondent's spouse/partner); more specifically, this variable is the sum of F3ERN2011 (the respondent's 2011 earnings from employment), and F3SPERN2011 (the respondent's spouse/partner's 2011 earnings from employment); note that F3ERN2011 and F3SPERN2011 include some imputed values. If the respondent does not have a spouse/partner, then F3EMPINC2011 will be equal to F3ERN2011. See variables F3MARRSTATUS, F3D01, or F3D04 to distinguish respondents who are married/partnered from those who are not.

**F3SPERN2011**

The respondent's spouse/partner's earnings from employment during the 2011 calendar year are drawn directly from the third follow-up interview when available (F3D22), and are imputed when missing. Imputed values for F3SPERN2011 can be identified by using F3SPERN2011IM.

**F3ALLINC2011**

This variable is the 2011 income from all sources for the respondent (or, if applicable, for the respondent and the respondent's spouse/partner's); more specifically, this variable is the sum of F3EMPINC2011 (2011 employment income: respondent + spouse/partner, if applicable) and F3D26 (2011 income from nonemployment sources: respondent + spouse/partner, if applicable). Note that F3EMPINC2011 is based on two variables (F3ERN2011 and F3SPERN2011) which include some imputed values. See variables F3MARRSTATUS, F3D01, or F3D04 to distinguish respondents who are married/partnered from those who are not.

**F3DEBTEMP2011**

This variable is the ratio of total debt to 2011 income from employment for the respondent (or, if applicable, for the respondent and the respondent's spouse/partner); more specifically, this variable is the ratio of F3D33 (Total nonmortgage debt: R + spouse/partner, if applicable) to F3EMPINC2011 (2011 employment income: respondent + spouse/partner, if applicable). If F3EMPINC2011 = 0, then F3DEBTEMP2011 is coded as -3 (legitimate skip). Note that F3EMPINC2011 is based on two variables (F3ERN2011 and F3SPERN2011) which include some imputed values. See variables F3MARRSTATUS, F3D01, or F3D04 to distinguish respondents who are married/partnered from those who are not.

**F3DEBTALL2011**

This variable is the ratio of total debt to 2011 income from all sources for the respondent (or, if applicable, for the respondent and the respondent's spouse/partner); more specifically, this variable is the ratio of F3D33 (Total nonmortgage debt: R + spouse/partner, if applicable) to F3ALLINC2011 (2011 income from all sources: respondent + spouse/partner, if applicable). If F3ALLINC2011 = 0, then F3DEBTALL2011 is coded as -3 (legitimate skip). Note that

F3ALLINC2011 is based on two variables (F3ERN2011 and F3SPERN2011) which include some imputed values. See variables F3MARRSTATUS, F3D01, or F3D04 to distinguish respondents who are married/partnered from those who are not.

**F3STLOANEVR**

Whether the respondent has taken out any student/postsecondary education loans is drawn directly from the third follow-up interview when available (F3A18), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANEVR can be identified by using F3STLOANEVRIM.

**F3STLOANAMT**

The total amount the respondent has borrowed in student/postsecondary education loans is drawn directly from the third follow-up interview when available (F3A19), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANAMT can be identified by using F3STLOANAMTIM.

**F3STLOANPAY**

The monthly amount the respondent is currently paying toward their student/postsecondary education loans is drawn directly from the third follow-up interview when available (F3A21), and is imputed when missing for third follow-up respondents. Imputed values for F3STLOANPAY can be identified by using F3STLOANPAYIM.

**F3JOBSUPP**

This variable is a scale of the respondent's perceived work support at their current/most recent job. Higher values represent greater perceived work support. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of input responses (F3B34A, F3B34B, and F3B34C) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.80.

**F3JOBSATIS**

This variable is a scale of the respondent's job satisfaction at their current/most recent job. Higher values represent greater job satisfaction. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and standard deviation of 1. Only respondents who provided a full set of input responses (F3B34D, F3B34E, and F3B34F) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.90.

**F3JOBPERSIST**

This variable is a scale of the respondent's job persistence intentions at their current/most recent job. Higher values represent greater job persistence intentions. Variable was created through principal factor analysis (weighted by F3QWT) and standardized to a mean of 0 and

standard deviation of 1. Only respondents who provided a full set of input responses (F3B34G, F3B34H, and F3B34I) were assigned a scale value. The coefficient of reliability (alpha) for the scale is 0.89.

**F3ONET2AGE30**

F3ONET2AGE30 stores the 2-digit (general category) Occupational Information Network (O\*NET) code associated with the respondent's anticipated occupation at age 30.

Respondents indicating that they do not plan on working for pay at age 30 are coded as F3ONET2AGE30 = -3, and respondents indicating that they don't know what their occupation at age 30 will be are coded as F3ONET2AGE30 = -1. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. See the Education Longitudinal Study of 2002 Third Follow-Up Data File Documentation for further information regarding upcoding activities; see [www.onetonline.org](http://www.onetonline.org) for further information regarding the O\*NET codeframe.

**F3ONET6AGE30**

F3ONET6AGE30 stores the Occupational Information Network (O\*NET) code associated with the respondent's anticipated occupation at age 30. F3ONET6AGE30 is a 6-digit code with the first 2 digits (equivalent to F3ONET2AGE30) indicating a general category, the third digit indicating a mid-level category, and the last 3 digits a specific category.

Respondents indicating that they do not plan on working for pay at age 30 are coded as F3ONET6AGE30 = -3, and respondents indicating that they don't know what their occupation at age 30 will be are coded as F3ONET6AGE30 = -1. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities. F3ONET6AGE30 is imputed when missing for third follow-up respondents (use F3ONET6AGE30IM to identify imputed F3ONET6AGE30 values).

**F3SEIAGE30**

The respondent's anticipated occupation at age 30, mapped from the Occupational Information Network (O\*NET) coding scheme to the ELS:2002 base-year / first follow-up coding scheme (e.g., the scheme used in variable BYOCCUF). Respondents indicating that they do not plan on working for pay at age 30 are coded as F3SEIAGE30 = -3, and respondents indicating that they don't know what their occupation at age 30 will be are coded as F3SEIAGE30 = -1. Occupation codes were assigned primarily by the survey instrument assisted coder, and secondarily by upcoding activities

**F3OCC30BYVF3**

F3OCC30BYVF3 indicates whether the prestige score associated with the respondent's expected age-30 occupation as reported in the third follow-up (F3SEIAGE30) is higher than, equal to, or less than the prestige score associated with the respondent's expected age-30 occupation as reported in the base year (BYOCC30). In both the base-year and third follow-

up surveys, respondents were able to indicate either “don’t plan to work for pay at age 30” or “don’t know” as their expected age-30 occupation; such sample members will be coded as BYOCC30BYVF3 = 4 or BYOCC30BYVF3 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F3SEIAGE30 / BYOCC30 categories of “homemaker,” “military,” or “other,” and so sample members responding as such in either the base-year or third follow-up surveys will also be coded as BYOCC30BYVF3 = 4 or BYOCC30BYVF3 = 5.

### **F3OCC30F1VF3**

F3OCC30F1VF3 indicates whether the prestige score associated with the respondent’s expected age-30 occupation as reported in the third follow-up (F3SEIAGE30) is higher than, equal to, or less than the prestige score associated with the respondent’s expected age-30 occupation as reported in the first follow-up (F1OCC30). In both the first and third follow-up surveys, respondents were able to indicate either “don’t plan to work for pay at age 30” or “don’t know” as their expected age-30 occupation; such sample members will be coded as BYOCC30F1VF3 = 4 or BYOCC30F1VF3 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F3SEIAGE30 / F1OCC30 categories of “homemaker,” “military,” or “other,” and so sample members responding as such in either the first or third follow-up surveys will also be coded as BYOCC30F1VF3 = 4 or BYOCC30F1VF3 = 5.

### **F3OCC30BYVF1**

F3OCC30BYVF1 indicates whether the prestige score associated with the respondent’s expected age-30 occupation as reported in the first follow-up (F1OCC30) is higher than, equal to, or less than the prestige score associated with the respondent’s expected age-30 occupation as reported in the base-year (BYOCC30). In both the base-year and first follow-up surveys, respondents were able to indicate either “don’t plan to work for pay at age 30” or “don’t know” as their expected age-30 occupation; such sample members will be coded as BYOCC30BYVF1 = 4 or BYOCC30BYVF1 = 5 since no prestige scores can be assigned to these responses. Likewise, prestige scores are not available for F1OCC30 / BYOCC30 categories of “homemaker,” “military,” or “other,” and so sample members responding as such in either the base-year or first follow-up surveys will also be coded as BYOCC30BYVF1 = 4 or BYOCC30BYVF1 = 5.

### **F3CURRV30**

F3CURRV30 compares the Occupational Information Network (O\*NET) code associated with the respondent’s current or most recent job (F3ONET6CURR) to the O\*NET code associated with the respondent’s anticipated occupation at age 30 (F3ONET6AGE30). F3CURRV30 indicates whether there is a match between those two O\*NET codes, and if there is, whether the two codes match at the 2-digit (general) level, the 3-digit mid-level, or the 6-digit (specific) level. Jobs which match at the 6-digit level (indicating the respondent’s

current/most recent job is the same, or nearly the same, as their anticipated age 30 occupation), are more related than jobs which match at the 3-digit level only, just as jobs which match at the 3-digit level are more related than jobs which match at the 2-digit level only. Respondents who indicated that they have not worked for pay since January 2006 (F3B09 = 0), as well as respondents who indicated “don’t know” or “don’t plan to work for pay” for their expected age-30 occupation, are coded as F3CURRV30 = -3 (legitimate skip). See [www.onetonline.org](http://www.onetonline.org) for further information regarding the O\*NET codeframe.

### **F3SES**

F3SES is the average of 3 inputs (2011 earnings from employment, the prestige score associated with the respondent’s current/most recent job, and educational attainment), each of which is standardized to a mean of 0 and a standard deviation of 1 prior to averaging. Data users should note that, as of the third follow-up, socioeconomic status may be less-than fully stable for some third follow-up respondents, e.g., respondents with graduate-level education who are just beginning or have yet to begin their careers. Users should also note that F3SES does not account for the income, occupation, or education of the respondent’s spouse/partner, and therefore may not be fully indicative of household socioeconomic status as of the third follow-up. NOTE: While the two versions of the BY family SES composites (BYSES1 and BYSES2) were created by differential assignment of prestige scores based on the 16-category BY occupation variables, F3SES is created by assigning prestige scores based on the 2-digit ONET code associated with the respondent’s current/most recent job as of the third follow-up.

### **F3SESQU**

F3SESQU is a weighted quartile coding of F3SES; F3SES is the average of 3 inputs (2011 earnings from employment, the prestige score associated with the respondent’s current/most recent job, and educational attainment), each of which is standardized to a mean of 0 and a standard deviation of 1 prior to averaging. Data users should note that, as of the third follow-up, socioeconomic status may be less-than fully stable for some third follow-up respondents, e.g., respondents with graduate-level education who are just beginning or have yet to begin their careers. Users should also note that neither F3SESQU nor F3SES account for the income, occupation, or education of the respondent’s spouse/partner, and therefore may not be fully indicative of household socioeconomic status as of the third follow-up. NOTE: While the two versions of the BY family SES composites (BYSES1 and BYSES2) were created by differential assignment of prestige scores based on the 16-category BY occupation variables, F3SES / F3SESQU are created by assigning prestige scores based on the 2-digit ONET code associated with the respondent’s current/most recent job as of the third follow-up.

**F3LIVARR**

F3LIVARR indicates the respondent's living arrangement as of their third follow-up interview. Respondents are coded with the lowest F3LIVARR value which appropriately characterizes their living arrangement as of the third follow-up interview. For example, a respondent living with a spouse and a biological child is coded as "Not in parent's home, lives w/spouse"" (F2LIVARR = 3) as opposed to "Not in parent's home, lives w/children (w/o spouse/partner)"" (F2LIVARR = 5). Likewise, a respondent living with both a sibling and a nonrelative roommate is coded as "Not in parent's home, lives w/sibling (w/o spouse/partner or children)"" (F2LIVARR = 6) as opposed to "Not in parent's home, lives w/friend(s)/roommate(s)"" (F2LIVARR = 7).

**F3MARRSTATUS**

F3MARRSTATUS simultaneously indicates (1) the sample member's legal marital status as of third follow-up (never married, married, divorced, separated, or widowed), and (2) whether the sample member was living with a significant other in a marriage-like relationship as of the third follow-up.

**F3MARRAGE**

F3MARRAGE indicates the age at which the sample member first married by comparing F1DOB\_P (sample member's date of birth) with F3D03\_1 (date of first marriage).

**F3NUMCHILD**

F3NUMCHILD sums the number of biological children born to the respondent as of the third follow-up, and the number of children adopted by the respondent as of the third follow-up. See variable F3D07 for counts of biological children only; see variable F3D11 for counts adopted children only. Please note that while the number of biological children was collected in both the third follow-up full-length interview and the third follow-up abbreviated interview, the number of adopted children was only collected in the third follow-up full-length interview; thus, F3D07 will have fewer missing values (-9) than will F3D11 or F3NUMCHILD.

**F3PARAGE**

F3PARAGE indicates the age at which the respondent first had a biological child by comparing F1DOB\_P (sample member's date of birth) with F3D08\_1 (date of first marriage).

**F3SINGLEPAR**

Respondents are coded as single parents in F3SINGLEPAR if they indicate that (1) they are not currently married and not currently living with a significant other in a marriage-like relationship, (2) they have had a biological child or have adopted a child, and (3) that there is one or more children currently living in their household.

### **F3HHNUM**

This variable summarizes F3D15A—F3D15H by totaling the number of members in the respondent's household (including the respondent him/herself) as of their third follow-up interview.

### **F3NUMDPNDNT**

F3NUMDPNDNT sums the respondent's number of dependents less than age 18 (F3D19A), and the sample member's number of dependents age 18 or older (F3D19B).

### **F3VOTEBEH**

F3VOTEBEH summarizes the respondent's recent voting behavior by indicating whether they (1) voted in both the 2008 presidential election AND in a 2009, 2010, or 2011 nonpresidential election; (2) voted in either the 2008 presidential election OR in a 2009, 2010, or 2011 nonpresidential election; or (3) voted in neither the 2008 presidential election NOR in a 2009, 2010, 2011 nonpresidential election.

### **F3MOBILITYBYF3**

Distance (in miles) between the respondent's base-year residence and their third follow-up residence; F3MOBILITYBYF3 is calculated by comparing the distance between the ZIP code centroid associated with their base-year residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

### **F3MOBILITYF1F3**

Distance (in miles) between the respondent's first follow-up residence and their second follow-up residence; F3MOBILITYF1F2 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

### **F3MOBILITYF2F3**

Distance (in miles) between the respondent's second follow-up residence and their third follow-up residence; F3MOBILITYF2F3 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

### **F3MOBILITYF1F2**

Distance (in miles) between the respondent's first follow-up residence and their second follow-up residence; F3MOBILITYF1F2 is calculated by comparing the distance between the ZIP code centroid associated with their second follow-up residence to the ZIP code

centroid associated with their third follow-up residence (the SAS ZIPCITYDISTANCE function is used to make this calculation).

**F3REGION**

Geographic region of the respondent's residence as of the third follow-up. The Northeast region includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT; the Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI; the South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV; the West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

**F3RESZIP**

ZIP code associated with the respondent's residence as of the third follow-up. F3RESZIP is taken directly from the third follow-up questionnaire (F3D13) if available; if F3D13 is missing, F3RESZIP is taken from the mailing address to which the respondent's third follow-up survey incentive was mailed.

**F3PELLCUM**

Pell grants received cumulatively as of the fall of 2006 as reported by the National Student Loan Data System (NSLDS).

**F3PELLYRS**

Indicates the number of years the sample member received Pell grants as reported by the National Student Loan Data System (NSLDS).

**F3PLUSCUM**

Parent Loan for Undergraduate Students (PLUS) received cumulatively as of the fall of 2006 as reported by the National Student Loan Data System (NSLDS).

**F3GPLUSCUM**

Cumulative Direct PLUS Loans to graduate students ever borrowed by the student.

**F3SUBCUM3**

Cumulative federal subsidized loan amount borrowed for undergraduate and graduate education. Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS.

**F3STFCUM3**

Cumulative Direct Subsidized and Unsubsidized Loan (also known as subsidized and unsubsidized Stafford Loan) amount borrowed for undergraduate and graduate education.

**F3FEDCUM3**

Cumulative federal loan amount borrowed for undergraduate and graduate education. Perkins Loans may be understated, because Perkins Loans are not always reported to NSLDS.

Excludes Direct PLUS Loans to parents of undergraduate students, which are only available to the parents of dependent undergraduates.

**F3FEDDUE3**

Indicates total amount owed, both principal and interest, on all federal loans. Based primarily on the total amount outstanding as reported in the National Student Loan Data System history files. This variable combines both loan principal and interest amounts for all loans still outstanding. Since loans accumulate interest over time, the amount owed may be greater than the original amount borrowed.

**F3NSLOANSTAT**

This variable indicates whether the sample member had any associated records in the NSLDS loan data files as of the third follow-up ELS:2002 ECB.

**F3NSPELLSTAT**

This variable indicates whether the sample member has any associated records in the NSLDS Pell grant data files of the third follow-up ELS:2002 ECB.

**F3CPS10STAT**

This variable indicates whether the sample member has associated records in the 2009-2010 Central Processing System (CPS) data files of the ELS:2002 ECB. The U.S. Department of Education Central Processing System houses data collected from the Free Application for Federal Student Aid (FAFSA).

**F3CPS11STAT**

This variable indicates whether the sample member has associated records in the 2010-2011 Central Processing System (CPS) data files of the ELS:2002 ECB. The U.S. Department of Education Central Processing System houses data collected from the Free Application for Federal Student Aid (FAFSA).

**F3CPS12STAT**

This variable indicates whether the sample member has associated records in the 2011-2012 Central Processing System (CPS) data files of the ELS:2002 ECB. The U.S. Department of Education Central Processing System houses data collected from the Free Application for Federal Student Aid (FAFSA).

**F3CPS13STAT**

This variable indicates whether the sample member has associated records in the 2012-2013 Central Processing System (CPS) data files of the ELS:2002 ECB. The U.S. Department of Education Central Processing System houses data collected from the Free Application for Federal Student Aid (FAFSA).

**F3CPS14STAT**

This variable indicates whether the sample member has associated records in the 2013-2014 Central Processing System (CPS) data files of the ELS:2002 ECB. The U.S. Department of Education Central Processing System houses data collected from the Free Application for Federal Student Aid (FAFSA).

*This page left intentionally blank.*