

HSLs:09
Second Follow-up Student Instrument

February 2018

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This appendix provides a representation of the High School Longitudinal Study of 2009 (HSLs:09) second follow-up web survey instrument. To facilitate cross-referencing with the restricted-use electronic codebook (ECB) and the public-use Online Codebook, each of the instrument's survey screens are represented with a *screen identifier* (e.g., S4 A01; S4 D11A-B) which corresponds to a variable label prefix or prefixes. The screen identifier indicates the sequence of the screen in the survey, as encountered by a respondent, and also indicates in which data file(s) and variable(s) the data collected on the screen are stored. The following list provides a mapping between screen identifiers and data files (where an asterisk [*] indicates an arbitrary alphanumeric value):

- S4 A** = Section A of the student-level file
- S4 B** = Section B of the student-level file
- S4 C** = Section C of the student-level file
- S4 D** = Section D of the student-level file
- S4 I** = Student-institution file
- S4 P** = Student-institution-program file

Some survey items may appear on multiple files (e.g., the student-level file and the student-institution file); therefore, some survey screens have multiple screen identifiers. Additionally, certain data are collected on multiple screens and combined into a single variable. Hence, there are instances in which multiple screens have the same identifier. There are also instances where a screen is identified as an input to another.

Section A: High School

Introduction to Section A

Question Wording: Before we begin, please note that this survey's data collection began in March 2016. Most questions will focus on your activities through the end of February 2016 so that all survey participants report on the same time period. [First, we have some questions about your high school experience.]

S4 A01

Question Wording: By the end of February 2016, had you completed high school with a high school diploma, a GED, or another high school equivalency?

Variable: S4HSCRED

- 1=Yes, a high school diploma (not including Adult High School Diplomas)
- 2=Yes, a GED (General Education Development diploma)
- 3=Yes, another high school equivalency such as HiSET, TASC, NEDP, or AHSD (Adult High School Diploma)
- 4=Yes, a certificate of attendance or completion
- 0=No

Applies to:

Second follow-up respondents for whom there was no prior indication of a high school diploma or for whom prior data was inconsistent in terms of type of high school credential or date of credential (i.e., second follow-up respondents for whom S4PRE_01=0).

Notes:

This variable is included in the abbreviated instrument.

S4 A02A-B

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

Variable: S4HSCREDMO

Item Wording: Month:

- 1=January
- 2=February
- 3=March
- 4=April
- 5=May
- 6=June
- 7=July
- 8=August
- 9=September
- 10=October
- 11=November
- 12=December

Variable: S4HSCREDYR

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated their high school credential type (i.e., S4HSCRED in (1, 2, 3, 4)).

Notes:

These variables are included in the abbreviated instrument.

S4 A03

Question Wording: From what state did you receive your [high school diploma/GED/high school equivalency/certificate of attendance or completion]?

Variable: S4GEDSTATE

[Dropdown list of states, U.S. territories and an option to indicate foreign]

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated receipt of a GED or other high school equivalency (i.e., S4HSCRED in (2, 3)).

S4 A04A-B

Question Wording: In what month and year did you last attend a traditional high school or an alternative high school for teenage students? [Do **not** include adult high school completion programs that prepare people for a GED or another high school equivalency. We will ask you about those programs later.]

Variable: S4LASTHSMO

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October

11=November

12=December

Variable: S4LASTHSYR

Item Wording: Year:

2010=2010 or earlier

2011=2011

2012=2012

2013=2013

2014=2014

2015=2015

2016=2016

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated (1) receipt of a GED; (2) receipt of some other high school equivalency; or (3) that they had not earned a high school credential (i.e., S4HSCRED in (0, 2, 3, -9)).

S4 A05

Question Wording: What grade were you in when you last attended high school? (If you attended an adult high school completion program, think back to the high school you attended before that.)

Variable: S4LASTHSGRADE

1=9th grade

2=10th grade

3=11th grade

4=12th grade

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated (1) receipt of a GED; (2) receipt of some other high school equivalency; or (3) that they had not earned a high school credential (i.e., S4HSCRED in (0, 2, 3, -9)).

Notes:

This variable is included in the abbreviated instrument.

S4 A06A – S4 A06F

Question Wording: What is the name of the high school [from which you received your high school diploma/from which you received a certificate of attendance/you last attended]?

(If you attended an adult high school completion program, think back to the high school you attended before that.)

Variable: INPUT TO S4LASTHSID, S4LASTHSCONTROL, S4LASTHSLOCALE, S4LASTHSREGION, S4LASTHSCENDIV, S4LASTHSSTATE

- 1=[2013 Update High School]
- 2=[First follow-up high school]
- 3=[Base year high school]
- 4=[Other high school previously attended - 1]
- 5=[Other high school previously attended - 2]
- 6=[Other high school previously attended - 3]
- 7=A different high school

Applies to:

Second follow-up respondents for whom there was no prior indication of a high school diploma or for whom prior data was inconsistent in terms of type of high school credential or date of credential (i.e., second follow-up respondents for whom S4PRE_01=0).

Notes:

This variable is included in the abbreviated instrument.

Variables on the student data file with prefixes S4 A06A – S4 A06F combine data from all screens with the screen identifier S4 A06A – S4 A06F.

S4 A06A – S4 A06F

Question Wording: What is the full name, city, and state of the high school [from which you received a diploma/from which you received a certificate of attendance or completion/you last attended]?

[(If you attended an adult high school completion program, think back to the high school you attended before that.)]

(Do not enter abbreviations.)

Variable: S4LASTHSID

Variable: S4LASTHSCONTROL

Variable: S4LASTHSLOCALE

Variable: S4LASTHSREGION

Variable: S4LASTHSCENDIV

Variable: S4LASTHSSTATE

Applies to:

Second follow-up respondents for whom there was no prior indication of a high school diploma or for whom prior data was inconsistent in terms of type of high school credential or date of credential (i.e., second follow-up respondents for whom S4PRE_01=0).

Notes:

This variable is included in the abbreviated instrument.

Variables on the student data file with prefixes S4 A06A - S4 A06F combine data from all screens with the screen identifier S4 A06A - S4 A06F.

S4 A07

Question Wording: Which of the following would you say best describes your high school grades overall?

Variable: S4HSGPA

- 1=Mostly A's
- 2=A's and B's
- 3=Mostly B's
- 4=B's and C's
- 5=Mostly C's
- 6=C's and D's
- 7=Mostly D's or below
- 8=Don't know

Applies to:

Second follow-up respondents for whom final high school GPA was not available from transcripts because they had not yet received a high school diploma or certificate of attendance at the time of the high school transcript data collection, their transcript(s) did not indicate a final high school GPA, or incomplete transcript data were collected for them (i.e., second follow-up respondents for whom X3TOUTCOME not in (1, 2, 3, 4, 5, 6) or X3TGPAOTOT <= 0 or X3TCREDTOT < 12).

S4 A08

Question Wording: What grade were you in when you **completed** Algebra I?

Variable: S4ALG1WHEN

- 1=8th grade or earlier
- 2=9th grade
- 3=10th grade
- 4=11th grade
- 5=12th grade
- 6=You did not complete Algebra I in middle school, junior high school or high school

Applies to:

Second follow-up respondents for whom grade level in which Algebra I was taken is not available from previous data collections (i.e., second follow-up respondents for whom S4PRE_02 = 0).

S4 A09

Question Wording: Which of the following course titles best describes the highest math course you completed in high school?

Variable: S4HIMATH

1=Below Algebra 1
2=Algebra 1
3=Geometry
4=Algebra 2
5=Algebra 3, Trigonometry, or Probability and/or Statistics (including AP Statistics)
6=Pre-Calculus
7=Calculus (including AP Calculus)
8=Other
9=None of these

Applies to:

Second follow-up respondents for whom highest high school math class taken is not available from previous data collections because they had not yet received a high school diploma or certification of attendance at the time of the high school transcript data collection or their highest high school math class was not indicated on the transcript (i.e., second follow-up respondents for whom X3TOUTCOME not in (1, 2, 3, 4, 5, 6) or X3THIMATH \leq 0)

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4HIMATH_I in the public-use and/or restricted-use data files.

S4 A10

Question Wording: Before you graduated, did you ever stop going to high school for a period of 4 weeks or more, not including summer or other school breaks?

(Include school expulsions or out-of-school suspensions, but do **not** include school breaks, illness, injury, or vacation.)

Variable: S4DROPOUTHS

1=Yes
0=No

Applies to:

Second follow-up respondents for whom there is no prior indication of a dropout episode (i.e., second follow-up respondents for whom X3EVERDROP = 0).

Notes:

This variable is included in the abbreviated instrument.

Second follow-up respondents for whom X3EVERDROP=1 were not asked this question. This includes cases where X3EVERDROP=1 due to imputation.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4DROPOUTHS_I in the public-use and/or restricted-use data files.

S4 A11

Question Wording: Did you ever transfer from [Base year high school] to another high school either during the school year or between school years?

Variable: S4TRANSFERHS

1=Yes
0=No

Applies to:

Second follow-up respondents for whom there is no prior indication of high school transfer (i.e., second follow-up respondents for whom S4PRE_03 = 0).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4TRANSFERHS_I in the public-use and/or restricted-use data files.

S4 A12

Question Wording: By the end of February 2016, had you ever been in an adult high school completion program to prepare you to take the exam for a GED or another high school equivalency (for example, HiSET, TASC, NEDP, or AHSD (Adult High School Diploma))?

Variable: S4HSPGMEVER

1=Yes
0=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated that they had a GED, other high school equivalency, or no high school credential (i.e., S4HSCRED in (0, 2, 3)).

Notes:

This variable is included in the abbreviated instrument.

S4 A13

Question Wording: Were you enrolled in an adult high school completion program in February 2016?

Variable: S4HSPGM16FB

1=Yes
0=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated that they had no high school credential and had been in a high school completion program (i.e., S4HSCRED = 0 and S4HSPGMEVER=1).

S4 A14

Question Wording: By the end of February 2016, had you ever taken the test for the GED or another high school equivalency (for example, HiSET, TASC, NEDP (National External Diploma Program credential), or AHSD (Adult High School Diploma))?

Variable: S4HSEQUEXAM

1=Yes
0=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated that they had a GED, other high school equivalency, or no high school credential (i.e., S4HSCRED in (0, 2, 3)).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4HSEQUEXAM_I in the public-use and/or restricted-use data files.

S4 A15

Question Wording: Did you pass all parts of the GED or high school equivalency test the first time you took it?

Variable: S4HSEQEXAMPASS

1=Yes
0=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated having taken a GED or other high school equivalency exam (i.e., S4HSEQUEXAM=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4HSEQEXAMPASS_I in the public-use and/or restricted-use data files.

S4 A16

Question Wording: Do you expect to complete a GED or other high school equivalency by the end of 2016?

Variable: S4HSEQUEXPECT

1=Yes, you completed a GED or another high school equivalency sometime between February 2016 and today
2=Yes, you expect to complete a GED or another high school equivalency sometime between today and the end of 2016
3=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated that they did not have a high school credential (i.e., S4HSCRED=0).

S4 A17

Question Wording: **Not** including Advanced Placement (AP) or International Baccalaureate (IB) courses, did you earn any college credits from a college or trade school while in high school?

Variable: S4ANYDUALCRED

1=Yes

0=No

Applies to:

All second follow-up respondents.

S4 I01A – S4 I01F

Question Wording: What is the full name, city and state of [a/**another**] college or trade school where you earned college credit while in high school?

Variable: INST_ID

Variable: S4ICLGSTATE Variable: S4ICLGLEVEL

Variable: S4ICLGCTRL

Variable: S4ICLGSECTOR

Variable: S4ICLGSELECT

Variable: S4IOPENENR

Applies to:

Second follow-up respondents who earned college credits from a college or trade school while in high school (i.e., S4ANYDUALCRED = 1)

Notes:

Respondents were given the option to check a box to indicate that they did not know the postsecondary institution where they earned college credits. In these cases, S4ANYDUALCRED=1 and the associated record on the student-institution file will have an INST_ID value of 999999 (uncodable).

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F. Postsecondary institutions collected in this question are those where S4IDUALEENROLL = 1.

NOT ON DATA FILE

Question Wording: So far you have told us about your college credits earned during high school from:

[List of dual enrollment college/trade schools already named in S4 I01A – S4 I01F above]

When you were in high school did you earn college credit at any **other** college or trade school (NOT including AP or IB course credit)?

Variable: NOT ON DATA FILE

1=Yes

0=No

Notes:

The question's purpose was to determine whether to repeat the previous question.

Section B: Postsecondary Education

Introduction to Section B

Question Wording: In the next section we will ask about education **after** high school. [When answering these questions, do **not** include [the college or trade school classes you took while you were still in high school/your adult high school completion program/the college or trade school classes you took while you were still in high school or your adult high school completion program].]

We will use the term "college or trade school" to include colleges and universities as well as any schools that provide occupational training. This includes:

- 4-year colleges and universities
 - 2-year colleges, junior colleges, and community colleges
 - Trade schools, technical institutes, and vocational schools which usually offer programs that take less than 2 years to complete (for example, culinary institutes and cosmetology schools)
-

S4 B01

Question Wording: By the end of February 2016, had you ever applied to or registered at a college or trade school?

[Do **not** include registration [for any college credits you earned during high school/for your adult high school completion program/for any college credits you earned during high school or for your adult high school completion program.]]

Variable: S4EVERAPPLY

1=Yes

0=No

Applies to:

Second follow-up respondents who were either 2013 Update nonrespondents or 2013 Update respondents who indicated that they had not applied or registered at that time (i.e., second follow-up respondents for whom S4PRE_04 = 1).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. The 2013 Update asked respondents how many colleges they had applied to or registered at, including the one they planned to attend/were attending on November 1, 2013, if applicable (S3CLGAPPNUM). An answer of zero to this question in the 2013 Update is equivalent to a 'no' response to S4EVERAPPLY.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions).

S4 B02

Question Wording: When did you apply or register?

[(Do not include registration [for any college credits you earned while in high school/for your adult high school completion program/for any college credits you earned while in high school or for your adult high school completion program.]]]

Variable: S4WHENAPPLY

1=While still attending high school
2=Sometime after high school, or
3=Both

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated they had applied to or registered at a college or trade school by the end of February 2016 (i.e., S4EVERAPPLY=1).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. This question about the timing of applications/registrations was not asked in the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). The questions that follow S4WHENAPPLY pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered.

S4 B03

Question Wording: [For the next questions, we are interested in your **first** applications and registrations to college or trade school, that is, the one(s) that you submitted when you were still attending high school.]

How many colleges or trade schools did you apply to or register for [**while still attending high school**]?

[(Do **not** include registration [for any college credits you earned while in high school/for your adult high school completion program/for any college credits you earned while in high school or for your adult high school completion program.]]]

Variable: S4CLGAPPNUM

Item Wording: | college(s) or trade school(s)

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated they had applied to or registered at a college or trade school by the end of February 2016 (i.e., S4EVERAPPLY=1).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. X4CLGAPPNUM indicates the number of postsecondary institutions applied to or

registered at as reported in S3CLGAPPNUM in the 2013 Update or S4CLGAPPNUM in the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Note that the wording “For the next questions, we are interested in your **first** applications and registrations to college or trade school, that is, the one(s) that you submitted when you were still attending high school.” and “...**while still attending high school**” were displayed only when S4WHENAPPLY=3. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered attending. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

S4 B04

Question Wording: As a result of [that application or registration/those [S4CLGAPPNUM] applications or registrations], did you end up attending [that college or trade school/either of those colleges or trade schools/any of those colleges or trade schools] by the end of February 2016?

Variable: S4ATNDCLGAPP

1=Yes
0=No

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated they had applied to or registered at a college or trade school by the end of February 2016 (i.e., S4EVERAPPLY=1).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. Although this question was not asked in the 2013 Update, respondents who participated in that survey and identified a postsecondary institution in S3CLGID planned to be attending that institution on November 1, 2013. Respondents who responded to the 2013 Update after that date were reporting actual attendance. See X3SQDATENOV1 and X3SQDATE for date of response to the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered attending. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

S4 B05 / S4 I01A – S4 I01F

Question Wording: Was the college or trade school you attended as a result of [that application or registration/those [S4CLGAPPNUM] applications or registrations] ...

Variable: INPUT TO S4CLGID / INST_ID / S4ICLGSTATE / S4ICLGLEVEL / S4ICLGCTRL / S4ICLGSECTOR / S4ICLGSELECT / S4IOPENENR

1=[Dual enrollment college/trades school - 1 (from S4 I01A – S4 I01F on page 12)]

2=[Dual enrollment college/trades school - 2 (from S4 I01A – S4 I01F on page 12)]

3=[Dual enrollment college/trades school - 3 (from S4 I01A – S4 I01F on page 12)]

9=or some other college or trade school?

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who attended one of the colleges they applied to in their first round of applications (i.e., S4ATNDCLGAPP = 1)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. X4ATNDAPPINST indicates the IPEDS ID of the institution attended as reported in S3CLGID in the 2013 Updated or S4CLGID in the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B05 / S4 I01A – S4 I01F

Question Wording: What is the name, city and state of the college or trade school you attended as a result of [that application or registration/those [S4CLGAPPNUM] applications or registrations]?

[(If you attended more than one of these colleges or trade schools, tell us about the one you attended first.)]

(Please type in the full name. Do not use abbreviations.)

Variable: S4CLGID / INST_ID

Variable: S4ICLGSTATE

Variable: S4ICLGLEVEL

Variable: S4ICLGCTRL

Variable: S4ICLGSECTOR

Variable: S4ICLGSELECT

Variable: S4IOPENENR

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who attended one of the colleges they applied to in their first round of applications (i.e., S4ATNDCLGAPP = 1)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. X4ATNDAPPINST indicates the IPEDS ID of the institution attended as reported in S3CLGID in the 2013 Updated or S4CLGID in the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B06 / S4 I01A – S4 I01F

Question Wording: If S4CLGAPPNUM = 1 fill "Was the college or trade school you applied to or registered at..."

Else if S4CLGAPPNUM = 2 and S4ATNDCLGAPP = 1 fill "Was the other college or trade school you applied to or registered at..."

Else if S4CLGAPPNUM = 3 and S4ATNDCLGAPP = 1 fill "Now, tell us about one of the other colleges or trade schools you applied to or registered at. Was it..."

Else if S4CLGAPPNUM > 3 and S4ATNDCLGAPP = 1 fill "[[If College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST) <> missing: Not including [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)], think/ELSE: Think]] about the two [other] colleges or trade schools you most

seriously considered at that time. Choose one of these two to tell us about now. Was it..."

Else if S4CLGAPPNUM = 2 fill "First, tell us about one of the colleges or trade schools you applied to or registered at. Was it..."

Else if S4CLGAPPNUM > 2 fill "Please think about the two colleges or trade schools you most seriously considered at that time. Choose one of these two to tell us about now. Was it..."

Else fill "Tell us about one of the colleges or trade schools you applied to or registered at. Was it..."

Variable: INPUT TO S4CLGAPPID1 / INST_ID / S4ICLGSTATE / S4ICLGLEVEL / S4ICLGCTRL / S4ICLGSECTOR / S4ICLGSELECT / S4IOPENENR

1=[Dual enrollment college/trades school - 1 (from S4 I01A – S4 I01F on page 12)]

2=[Dual enrollment college/trades school - 2 (from S4 I01A – S4 I01F on page 12)]

3=[Dual enrollment college/trades school - 3 (from S4 I01A – S4 I01F on page 12)]

9=or some other college or trade school?

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who applied to, but did not attend at least one institution from their first round of applications (i.e., either (a) S4ATNDCLGAPP = 1 and S4CLGAPPNUM > 1 or (b) S4ATNDCLGAPP ^= 1 and S4CLGAPPNUM > 0.)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CLGAPPID1 for the comparable institution in the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B06 / S4 I01A – S4 I01F

Question Wording: If S4CLGAPPNUM = 1 fill: What is the name, city and state of the college or trade school you applied to or registered at? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM = 2 and S4ATNDCLGAPP = 1 fill: What is the name, city and state of the other college or trade school you applied to or registered at? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM = 3 and S4ATNDCLGAPP = 1 fill: What is the name, city and state of one of the other colleges or trade schools you applied to or registered at? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM > 3 and S4ATNDCLGAPP = 1 and respondent selected option 9 on previous screen fill: What is the name, city and state of one of the two other colleges or trade schools you most seriously considered at that time? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM > 3 and S4ATNDCLGAPP = 1 fill: [[If College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST) <> missing: Not including [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)], think/ELSE: Think]] about the two other colleges or trade schools you most seriously considered at that time. What is the name, city and state of one of those colleges or trade schools? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM = 2 fill: What is the name, city and state of one of the colleges or trade schools you applied to or registered at? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM > 2 and respondent selected option 9 on previous screen fill: What is the name, city and state of one of the two colleges or trade schools you most seriously considered at that time? (Please type in the full name. Do not use abbreviations.)

Else if S4CLGAPPNUM > 2 fill: Think about the two colleges or trade schools you most seriously considered at that time. What is the name, city and state of one of those colleges or trade schools? (Please type in the full name. Do not use abbreviations.)

Else fill: What is the name, city and state of one of the colleges or trade schools you applied to or registered at? (Please type in the full name. Do not use abbreviations.)

Variable: S4CLGAPPID1 / INST_ID

Variable: S4ICLGSTATE

Variable: S4ICLGLEVEL

Variable: S4ICLGCTRL

Variable: S4ICLGSECTOR

Variable: S4ICLGSELECT

Variable: S4IOPENENR

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who applied to, but did not attend at least one institution from their first round of applications (i.e., either (a) S4ATNDCLGAPP = 1 and S4CLGAPPNUM > 1 or (b) S4ATNDCLGAPP ^= 1 and S4CLGAPPNUM > 0.)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CLGAPPID1 for the comparable institution in the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B07 / S4 I01A – S4 I01F

Question Wording: What is the other college or trade school you [applied to or registered at/most seriously considered at that time]? Was it...

Variable: INPUT TO S4CLGAPPID2 / INST_ID / S4ICLGSTATE / S4ICLGLEVEL / S4ICLGCTRL / S4ICLGSECTOR / S4ICLGSELECT / S4IOPENENR

1=[Dual enrollment college/trades school - 1 (from S4 I01A – S4 I01F on page 12)]

2=[Dual enrollment college/trades school - 2 (from S4 I01A – S4 I01F on page 12)]

3=[Dual enrollment college/trades school - 3 (from S4 I01A – S4 I01F on page 12)]

9=or some other college or trade school?

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who applied to, but did not attend at least two institutions from their first round of applications (i.e., either (a) S4ATNDCLGAPP = 1 and S4CLGAPPNUM > 2 or (b) S4ATNDCLGAPP ^= 1 and S4CLGAPPNUM > 1.)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CLGAPPID2 for the comparable institution in the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B07 / S4 I01A – S4 I01F

Question Wording: What is the name, city and state of the other school you [applied to or registered at/most seriously considered at that time]?

(Please type in the full name. Do not use abbreviations.)

Variable: S4CLGAPPID2 / INST_ID

Variable: S4ICLGSTATE

Variable: S4ICLGLEVEL

Variable: S4ICLGCTRL

Variable: S4ICLGSECTOR

Variable: S4ICLGSELECT

Variable: S4IOPENENR

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who applied to, but did not attend at least two institutions from their first round of applications (i.e., either (a) S4ATNDCLGAPP = 1 and S4CLGAPPNUM > 2 or (b) S4ATNDCLGAPP ^= 1 and S4CLGAPPNUM > 1.)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CLGAPPID2 for the comparable institution in the 2013 Update.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered. S4ITOP3APP = 1 for the postsecondary institution collected in this question and the other institution(s) the sample member applied to/registered at and most seriously considered.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F.

S4 B08A-B / S4 I02

Question Wording: When you applied or registered, which of the following colleges or trade schools was your **first choice**, not considering the cost? Consider all colleges and trade schools regardless of whether you were accepted or not.

Variable: S4CHOICEAPP / S4ICHOICEAPP

1=[College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)]

2=[Other college/trade school applied to/registered at - 1 (institution from S4 B06)]

3=[Other college/trade school applied to/registered at - 2 (institution from S4 B07)]

9=Don't know

Applies to:

Second follow-up respondents who, during the second follow-up interview, reported applying to at least one college (i.e., S4CLGAPPNUM > 0).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CHOICEAPP for the comparable institution in the 2013 Update. S4ICHOICEAPP in the student-institution file combines data from S3CHOICEAPP and S4CHOICEAPP. S4IAPPSOURCE indicates the source as the 2013 Update or the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4CHOICEAPP_I and S4ICHOICEAPP_I on the public-use and/or restricted-use data files.

S4 B09A-B / S4 I03

Question Wording: Were you accepted, wait-listed or rejected at [Other college/trade school applied to/registered at - 1 (institution from S4 B06)]? For schools that admit anyone who registers, answer "Accepted."

OR

Were you accepted, wait-listed or rejected at [Other college/trade school applied to/registered at - 2 (institution from S4 B07)]? For schools that admit anyone who registers, answer "Accepted."

OR

For each of the following schools, indicate if you were accepted, wait-listed or rejected. For schools that admit anyone who registers, answer "Accepted."

Variable: S4APPSTATUS1 / S4IAPPSTATUS

Item Wording: [Other college/trade school applied to/registered at - 1 (institution from S4 B06)]

Variable: S4APPSTATUS2 / S4IAPPSTATUS

Item Wording: [Other college/trade school applied to/registered at - 2 (institution from S4 B07)]

1=Accepted
2=Wait-listed
3=Rejected

Applies to:

Second follow-up respondents who had not provided college application data in the 2013 Update and who applied to, but did not attend at least one institution from their first round of applications (i.e., either (a) S4ATNDCLGAPP = 1 and S4CLGAPPNUM > 1 or (b) S4ATNDCLGAPP ^= 1 and S4CLGAPPNUM > 0.)

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3APPSTATUS1 and S3APPSTATUS2 for the comparable variables in the 2013 Update data. S4IAPPSTATUS in the student-institution file combines data from S3APPSTATUS1, S3APPSTATUS2, S4APPSTATUS1, and S4APPSTATUS2. S4IAPPSOURCE indicates the source as the 2013 Update or the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4IAPPSTATUS_I on the public-use and/or restricted-use data files.

S4 B10A-B / S4 I04

Question Wording: When you were accepted, which of the following colleges or trade schools was your **first choice**, not considering the cost?

Variable: S4CHOICEACC / S4ICHOICEACC

1=[College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)]
2=[Other college/trade school applied to/registered at - 1 (institution from S4 B06)]
3=[Other college/trade school applied to/registered at - 2 (institution from S4 B07)]
9=Don't know

Applies to:

Second follow-up respondents who, during the second follow-up interview, indicated they were accepted at a college or trade school by the end of February 2016 (i.e., S4ATNDCLGAPP = 1 or S4APPSTATUS1 = 1 or S4APPSTATUS2 = 1).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. See S3CHOICEACC for the comparable institution in the 2013 Update. S4IHOICEACC in the student-institution file combines data from S3CHOICEACC and S4CHOICEACC. S4IAPPSOURCE indicates the source as the 2013 Update or the second follow-up.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4CHOICEACC_I on the student file and S4IHOICEACC_I on the public-use and/or restricted-use data files

S4 B11A-C

Question Wording: How important to you was each of the following characteristics when choosing to attend [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)]?

Variable: S4REPUTATION

Item Wording: Academic quality or reputation

Variable: S4COSTATTEND

Item Wording: Cost of attendance

Variable: S4OFFERSFIELD

Item Wording: [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)] offered a particular program of study

- 1=Very important
- 2=Somewhat important
- 3=Not at all important
- 4=Don't know

Applies to:

Second follow-up respondents who indicated, during the second follow-up interview, that they were accepted to more than one institution and attended an institution other than their first choice among those where they were accepted (i.e., S4ATNDCLGAPP = 1 and S4CHOICEACC in (2,3)).

Notes:

Please note that the series of questions on college applications in the second follow-up was designed to complement college application information collected in the full-length 2013 Update survey. Therefore, in the second follow-up these questions were only asked of respondents who were 2013 Update nonrespondents or who indicated on the 2013 Update full-length survey that they had not applied to college at that time. S3REPUTATION, S3COSTATTEND, and S3OFFERSFIELD collect the same data as S4REPUTATION, S4COSTATTEND, and S4OFFERSFIELD, but for a more inclusive set of respondents. In the 2013 Update these variables applied to all respondents who were planning to attend/were attending a postsecondary institution as of November 1, 2013 whereas in the second follow-up they were only asked of those who chose to attend an institution other than their first choice among those where accepted.

The series of questions on college applications instructed respondents to report postsecondary institutions to which they applied as well as postsecondary institutions at which they registered (e.g., open enrollment institutions). Also, these questions pertain only to the first round of applications/registrations the student submitted. This could be during high school or after high school. If a student transferred from one institution to another, the application for the transfer institution would not be considered. Additionally, students could report up to 3 institutions; the institution they attended, if applicable (S4CLGID/S3CLGID), and up to two others (S4CLGAPPID1/S3CLGAPPID1 and S4CLGAPPID2/S3CLGAPPID2). Therefore, for some students the college application data do not reflect all the institutions they first applied to or registered at. In these cases, respondents were instructed to select the ones that they most seriously considered.

S4 B12

Question Wording: Did you **attend** any college or trade school between the time you **[received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school]** and **February 2016**?

Please be sure to include:

- Colleges and trade schools where you were just taking classes.
- Online only colleges and trade schools.

Do **not** include:

- Any colleges or trade schools you started attending after February 2016
- [Your/Any college or trade school enrollment during high school.]
- [Your adult high school completion program.]
- A foreign college or trade school that you attended through a study abroad program.

Variable: S4EVRATNDCLG

1=Yes

0=No

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4EVRATNDCLG_I on the public-use and/or restricted-use data files.

S4 B13A-E

Question Wording: Generally, which of the following reasons describe why you had not attended college or trade school by the end of February 2016?

(Please choose all that apply)

Variable: S4NOENRACAD

Item Wording: Academic reasons

Variable: S4NOENRFAM

Item Wording: Personal or family reasons

Variable: S4NOENRFIN

Item Wording: Financial reasons

Variable: S4NOENRWRK

Item Wording: Work, military or career-related reasons

Variable: S4NOENRNONE

Item Wording: None of these

Applies to:

Second follow-up respondents who had not attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=0).

Notes:

These variables are included in the abbreviated instrument.

S4 B14

Question Wording: [Including [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)], how/How] many colleges or trade schools did you **attend** between the time you **[received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and February 2016?**

(Please be sure to count:

- [College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)]
- Colleges and trade schools where you were just taking classes.
- Online only colleges and trade schools.

Do **not** count:

- Any colleges or trade schools you started attending after February 2016
- [Your college or trade school enrollment during high school.]
- [Your adult high school completion program.]
- A foreign college or trade school that you attended through a study abroad program.)

Variable: S4CLGATNDNUM

Item Wording: | college(s) or trade school(s)

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

S4 I01A – S4 I01F

Question Wording: [if iteration = 1 then display:]

Now we would like to find out about the [college or trade school/colleges or trade schools] you have attended since you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school][, **starting with the one you attended first**].

[If iteration 1 display:]

Is the [**first**] college or trade school you attended...

[else display:]

(You've already told us about:

--COLLEGE/TRADE SCHOOL REPORTED ON IN ITERATION 1

--COLLEGE/TRADE SCHOOL REPORTED ON IN ITERATION 2

--etc.)

[If 1 < iteration number < S4CLGATNDNUM]

Think about one of the other colleges or trade schools you attended after you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school]. Was it...

[Else display:]

What was the other college or trade school you attended after you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school]? Was it...

Variable: INPUT TO INST_ID / S4ICLGSTATE / S4ICLGLEVEL / S4ICLGCTRL / S4ICLGSECTOR / S4ICLGSELECT / S4IOPENENR

1=[College/trade school planned to attend in November 2013 (S3CLGID from 2013 Update)]

2=[Other college/trade school applied to/registered at - 1 (S3CLGAPPID1 from 2013 Update)]

3=[Other college/trade school applied to/registered at - 2 (S3CLGAPPID2 from 2013 Update)]

4=[College/trade school applied to/registered at and attended (institution from S4 B05; identified in X4ATNDAPPINST)]

5=[Other college/trade school applied to/registered at - 1 (institution from S4 B06)]

6=[Other college/trade school applied to/registered at - 2 (institution from S4 B07)]

9=or some other college or trade school?

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F. S4IPS1=1 for the postsecondary institution collected in this question. S4IPOSTHSENR = 1 or 2 for the postsecondary institution collected in this question.

S4 I01A – S4 I01F

Question Wording:

[If iteration =1 and respondent did not select option 9 in previous question and S4CLGATNDNUM < > 1]
 Now we would like to find out about the [college or trade school/colleges or trade schools] you have attended after you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school][, starting with the one you attended first].

[Else if iteration = 1 and respondent did not select option 9 in previous question]
 Now we would like to find out about the college or trade school you have attended after you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school]

[else if iteration > 1]
 (You've already told us about:
 --COLLEGE/TRADE SCHOOL REPORTED ON IN ITERATION 1
 --COLLEGE/TRADE SCHOOL REPORTED ON IN ITERATION 2
 --etc.)

[All iterations]
 What is the full name, city and state of [the college or trade school you attended/the **first** college or trade school you attended/the other college or trade school you attended/one of the other colleges or trade schools you attended]?

(Please type in the **full name**. Do **not** use abbreviations.)

Variable: INST_ID**Variable: S4ICLGSTATE****Variable: S4ICLGLEVEL****Variable: S4ICLGCTRL****Variable: S4ICLGSECTOR****Variable: S4ICLGSELECT****Variable: S4IOPENENR****Applies to:**

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

Variables on the student-institution data file with prefixes S4 I01A – S4 I01F combine data from all screens with the screen identifier S4 I01A – S4 I01F. S4IPOSTHSENR = 1 or 2 for the postsecondary institution collected in this question.

Question Wording: In what month and year did you first start attending [College/trade school attended] (after you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school])?

Variable: COMBINED WITH YEAR INTO S4ICLGSTART

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: COMBINED WITH MONTH INTO S4ICLGSTART

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

These variables are included in the abbreviated instrument.

S4 B15A-E

Question Wording: Based on when you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school], it looks like you took a break from school before starting at [College/trade school attended].

Generally, which of the following reasons describe why you decided to take a break after high school?

(Please choose all that apply)

Variable: S4BREAKACAD

Item Wording: Academic reasons

Variable: S4BREAKFAM

Item Wording: Personal or family reasons

Variable: S4BREAKFIN

Item Wording: Financial reasons

Variable: S4BREAKWRK

Item Wording: Work, military or career-related reasons

Variable: S4BREAKNONE

Item Wording: None of these

Applies to:

Second follow-up respondents who began their postsecondary education more than 1 year after earning their high school credential or, if no credential, more than 1 year after last attending high school (i.e., $X4HS2PSMOS > 12$ and $X4HS2PSMOS_IM = 0$).

Notes:

The length of time between high school and first postsecondary attendance is based on the high school completion date (S4HSCREDDATE) or the high school exit date (S4LASTHSDATE) and the start date (S4ICLGSTART) at the first postsecondary institution reported in the survey (X4PS1). For students who have both a high school exit date and a high school completion date (e.g. GED recipients), the length of time between high school and first postsecondary attendance is calculated using the high school completion date, S4HSCREDDATE, and S4ICLGSTART. Respondents were instructed to report their first institution first followed by any other institutions they attended. Most respondents followed these instructions, but for a small number of respondents their 'first institution' has a later start date than another institution reported.

S4 I06

Question Wording: Were you attending [College/trade school attended] at any time in February 2016?

Variable: S4ICLG16FB

1=Yes

0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., $S4EVRATNDCLG=1$).

Notes:

This variable is included in the abbreviated instrument.

S4 I07

Question Wording: In what month and year did you last attend [College/trade school attended] (before February 2016)?

(If you returned to [College/trade school attended] after February 2016, please report the last month and year you attended [College/trade school attended] before February 2016).

Variable: COMBINED WITH YEAR INTO S4ICLGEND

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: COMBINED WITH MONTH INTO S4ICLGEND

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who were no longer attending the college or trade school referenced in the current iteration of the postsecondary enrollment loop in February 2016 (i.e., S4ICLG16FB=0).

Notes:

These variables are included in the abbreviated instrument.

S4 P01

Question Wording:

{Iteration 1 of program loop}

When you **first** attended [College/trade school attended] [in [date of first attendance at [college/trade school attended]],] what type of degree or certificate were you working on?

(If you worked on more than one degree or certificate at [College/trade school attended] or if you were in a joint degree program, tell us about only one of these now. You will have an opportunity later to tell us about all other enrollment at [College/trade school attended].)

{Iterations 2, 3 and 4 of program loop}

For [College/trade school attended] you have already told us about your:

- {Iteration 2 of the program loop}
[bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]
- {Iterations 2 and 3 of the program loop}
[bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]
- {Iterations 3 and 4 of the program loop}
[bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]

What [other] degree or certificate did you work on at [College/trade school attended]?

Variable: S4PPROGRAM

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

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

3=Certificate or diploma from a school that provides occupational training (usually takes 2 years or less to complete, often leading to a license, such as cosmetology)

4=Not working on a degree or certificate, but taking undergraduate classes

5=Graduate program or classes (for example, Master's or PhD)

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EV RATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

Programs appear in the student-institution-program file in the order in which respondents reported them.

Response option 5 = Graduate program or classes (for example, Master's or PhD) was not shown in the first iteration of the program loop in the first iteration of the postsecondary institution loop. This would be the first program the respondent enrolled in at the first postsecondary institution attended after high school.

S4 P02

Question Wording:

Were you still [working on this [bachelor's degree/associate's degree/certificate]/taking classes (outside of a degree or certificate program)] at [College/trade school attended] in February 2016?

(If you changed your major or field of study but are still working on your [bachelor's degree/associate's degree/certificate] at [College/trade school attended], answer "Yes.")

Variable: S4PPGM16FB

1=Yes

0=No

Applies to:

Second follow-up respondents who worked on an undergraduate degree or certificate or were taking

undergraduate classes at the institution referenced in the current iteration of the postsecondary enrollment loop (i.e., S4PPROGRAM in (1, 2, 3, 4)).

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred. For more information, see S4PPGM16FB_I in the public-use and/or restricted-use data files.

S4 P03

Question Wording:

[When you left [College/trade school attended] in [date of last attendance at [college/trade school attended] (through February 2016)], had you completed this [bachelor's degree/associate's degree/certificate]?

By the end of February 2016], had you completed this [bachelor's degree/associate's degree/certificate] at [College/trade school attended]?

(Answer "No" if you transferred schools and completed your [bachelor's degree/associate's degree/certificate] at a different school.)

Variable: S4PCOMPLETEDG

1=Yes

0=No

Applies to:

Second follow-up respondents who worked on an undergraduate degree or certificate at the institution referenced in the current iteration of the postsecondary enrollment loop, but were no longer working on it in February 2016 (i.e., S4PPROGRAM in (1, 2, 3) and S4PPGM16FB = 0).

Notes:

This variable is included in the abbreviated instrument.

S4 P04

Question Wording:

[Do you expect to complete this [bachelor's degree/associate's degree/certificate] at [College/trade school attended]/Do you expect to return to [College/trade school attended] and complete this [bachelor's degree/associate's degree/certificate]/Do you expect to re-enroll in this [bachelor's degree/associate's degree/certificate] program at [College/trade school attended] and complete this [bachelor's degree/associate's degree/certificate]] **by the end of 2016?**

(If you have completed or expect to complete this [bachelor's degree/associate's degree/certificate] at a different college or trade school, or you expect to complete it after 2016, answer "No.")

Variable: S4PDEGEXPECT

- 1=Yes, you **completed** it at [College/trade school attended] sometime between February 2016 and today
 2=Yes, you **expect to complete** it at [College/trade school attended] sometime between today and the end of 2016
 3=No, you **do not expect to complete** it at [College/trade school attended] by the end of 2016

Applies to:

Second follow-up respondents who worked on an undergraduate degree or certificate at the institution referenced in the current iteration of the postsecondary enrollment loop and had not completed it by the end of February 2016 (i.e., S4PPROGRAM in (1, 2, 3) and S4PCOMPLETEDG = 0).

S4 P05

Question Wording: Which of these reasons describes why you were taking these classes at [College/trade school attended]?

Variable: S4PCLASSRSN

- 1=To prepare for or to transfer credits to a degree or certificate program
 2=To prepare for or to maintain a job certification or license
 3=To gain job or occupational skills
 4=To take courses solely for recreation, self-improvement, or personal interest

Applies to:

Second follow-up respondents who took undergraduate classes at the institution referenced in the current iteration of the postsecondary enrollment loop (i.e., S4PPROGRAM = 4).

NOT ON DATA FILE

Question Wording:

For [College/trade school attended] you have already told us about your:

- {end of all iterations of the program loop}
 [bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]
- {end of 2nd and 3rd iteration of the program loop}
 [bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]
- {end of 3rd iteration of the program loop}
 [bachelor's degree program/associate's degree program/certificate program/classes outside of a degree or certificate program/graduate degree]

Did you work on any[other] degrees or certificates at [College/trade school attended] by the end of [February 2016/[date of last attendance at [college/trade school attended] (through February 2016)]], or take classes at [College/trade school attended] at a time when you were not enrolled in a program? [(Do

not count double majors or changes in your major as a separate degree.)]

Variable: NOT ON DATA FILE

1=Yes

0=No

Notes:

This question was asked to determine whether to repeat the series of questions on degree and certificate programs.

NOT ON DATA FILE

Question Wording: So far you have told us about your enrollment at:

[1st college/trade school attended]

[Other college/trade school attended - 1]

[Other college/trade school attended - 2]

[Other college/trade school attended - 3]

[Other college/trade school attended - 4]

[Other college/trade school attended - 5]

[Other college/trade school attended - 6]

Have you attended any other colleges or trade schools between the time you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and February 2016?

(Please be sure to include:

- Colleges and trade schools where you were just taking classes.
- Online only colleges and trade schools.

Do **not** include:

- Any colleges or trade schools you started attending after February 2016
- [Your/Any college or trade school enrollment during high school.]
- [Your adult high school completion program.]
- A foreign college or trade school that you attended through a study abroad program.

Variable: NOT ON DATA FILE

1=Yes

0=No

Notes:

This question was asked to determine whether to repeat the series of questions on postsecondary institutions attended.

NOT ON DATA FILE

Question Wording: In [date of last postsecondary attendance (through February 2016)], which of the following degrees or certificates were you working on?

(If you were enrolled in two programs at the same time, choose the one you considered your main one.)

Variable: NOT ON DATA FILE

[List of eligible institution/degree program combinations]

Applies to:

Second follow-up for whom a reference degree could not be determined based on survey responses (e.g., two undergraduate degree or certificate programs at the same institution, incomplete information on enrollment dates).

Notes:

These data were used as an input to X4REFDEG and S4PREFDEG.

S4 B16

Question Wording: When you were attending [[Name of only college/trade school attended/college or trade school] [between [date of first postsecondary attendance] and [February 2016/date last attended reference institution (through February 2016)]]/in [date of first postsecondary attendance]], was your enrollment...

Variable: S4CLGFTPT

1=full-time or mainly full-time,
2=part-time or mainly part-time, or
3=an equal mix of full-time and part-time?

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

S4 B17

Question Wording: By the end of [February 2016/date last attended reference institution (through February 2016)], had you ever left one college with no plans to return to it and then attended another?

Variable: S4TRANSFERCLG

1=Yes
0=No

Applies to:

Second follow-up respondents who had attended more than one college or trade school by the end of February 2016 (i.e., second follow-up respondents where S4IPOSTHSENR in (1,2) for at least two records on the student-institution file).

S4 B18A-E

Question Wording: Generally, which of the following reasons describe why you left one college or trade school and attended another?

(If you did this more than once, tell us about the most recent time.)

(Please choose all that apply)

Variable: S4TRANSFERACAD

Item Wording: Academic reasons

Variable: S4TRANSFERFAM

Item Wording: Personal or family reasons

Variable: S4TRANSFERFIN

Item Wording: Financial reasons

Variable: S4TRANSFERWRK

Item Wording: Work, military or career-related reasons

Variable: S4TRANSFERNONE

Item Wording: None of these

Applies to:

Second follow-up respondents who indicated leaving one college with no plans to return to it and then attended another (i.e., S4TRANSFERCLG=1).

S4 B19A-E

Question Wording: Earlier you indicated that you were no longer attending [Reference institution (see X4REFINST and S4IREFINST)] in February 2016.

Generally, which of the following reasons describe why you left school [in [February 2016/date last attended reference institution (through February 2016)]]?

(Please choose all that apply)

Variable: S4LEFTACAD

Item Wording: Academic reasons

Variable: S4LEFTFAM

Item Wording: Personal or family reasons

Variable: S4LEFTFIN

Item Wording: Financial reasons

Variable: S4LEFTWRK

Item Wording: Work, military or career-related reasons

Variable: S4LEFTNONE

Item Wording: None of these

Applies to:

Second follow-up respondents who were no longer attending their reference institution in February 2016 and had not completed their reference degree (i.e., S4ICLG16FB=0 for the record on the institution file where S4IREFINST=1 and S4PCOMPLETEDG^=1 for the record on the program file where S4PREFDEG=1).

NOT ON DATA FILE

Question Wording: [You told us that you have attended:
[1st college/trade school attended]
[Other college/trade school attended - 1]
etc.]

At any time **since** February 2016 have you attended a [**different**] college or trade school?

Variable: NOT ON DATA FILE

1=Yes
0=No

NOT ON DATA FILE

Question Wording: [(You told us that you have attended:
[1st college/trade school attended]
[Other college/trade school attended - 1]
etc.
[college/trade school 1st attended between February 2016 and survey date])]

Do you plan to **begin** attending a [**different**] college or trade school at any time **between now** [[**survey date**]] **and the end of December 2016/between now and the end of this month (December 2016)]?**

Variable: NOT ON DATA FILE

1=Yes, and you know what college or trade school you will attend
2=Yes, but you do not know yet what college or trade school you will attend
0=No

S4 B20

Question Wording: Do you plan to enroll in a bachelor's degree program within the next three years?

(A bachelor's degree is usually awarded by a 4-year college or university and usually requires at least 4 years of full-time, college-level work.)

Variable: S4BACHELOR3YRS

1=Yes, you have enrolled in a bachelor's degree program sometime between February 2016 and today
2=Yes, you plan to enroll in a bachelor's degree program within the next 3 years
0=No

Applies to:

Second follow-up respondents who had not enrolled in a bachelor's degree program by the end of February 2016 (i.e., S4EVRATNDCLG[^]=1 or S4PPROGRAM [^]= 1 for all of the student's programs).

S4 B21

Question Wording: As things stand now, how far in school do you think you will **ever** go?

Variable: S4EDUEXP

- 1=Less than high school completion
- 2=Complete high school diploma, GED, or other high school equivalency
- 3=Start certificate or diploma from a school that provides occupational training (usually takes 2 years or less to complete, often leading to a license, such as cosmetology), but not complete
- 4=Complete certificate or diploma from a school that provides occupational training (usually takes 2 years or less to complete, often leading to a license, such as cosmetology)
- 5=Start associate's degree (usually a 2-year degree), but not complete
- 6=Complete associate's degree (usually a 2-year degree)
- 7=Start bachelor's degree (usually a 4-year degree), but not complete
- 8=Complete bachelor's degree (usually a 4-year degree)
- 9=Start master's degree, but not complete
- 10=Complete master's degree
- 11=Start Ph.D., M.D., law degree or other high level professional degree, but not complete
- 12=Complete Ph.D., M.D., law degree, or other high level professional degree
- 99=You don't know

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

S4 B22

Question Wording: If there were no barriers, how far in school do you think **your parents or guardians** would want you to go?

Variable: S4EDUEXPPAR

- 1=Less than high school completion
- 2=Complete a high school diploma, GED, or other high school equivalency
- 3=Complete a certificate or diploma from a school that provides occupational training (usually takes 2 years or less to complete, often leading to a license, such as cosmetology)
- 4=Complete an associate's degree (usually a 2-year degree)
- 5=Complete a bachelor's degree (usually a 4-year degree)
- 6=Complete a master's degree
- 7=Complete a Ph.D., M.D., law degree, or other high level professional degree
- 99=You don't know

Applies to:

All second follow-up respondents.

S4 B23A-D

Question Wording: The next series of questions relates to your attitudes and experiences with math, science, and related disciplines.

How much do you agree or disagree with the following statements?

Variable: S4MLEARN

Item Wording: Most people can learn to be good at math.

Variable: S4MBORN

Item Wording: You have to be born with the ability to be good at math.

Variable: S4SLEARN

Item Wording: Most people can learn to be good at science.

Variable: S4SBORN

Item Wording: You have to be born with the ability to be good at science.

1=Strongly agree

2=Agree

3=Disagree

4=Strongly disagree

Applies to:

All second follow-up respondents.

S4 B24A-D

Question Wording: (Continued)(How much do you agree or disagree with the following statements?)

Variable: S4MPERSON1

Item Wording: You see yourself as a math person.

Variable: S4MPERSON2

Item Wording: Others see you as a math person.

Variable: S4SPERSON1

Item Wording: You see yourself as a science person.

Variable: S4SPERSON2

Item Wording: Others see you as a science person.

1=Strongly agree

2=Agree

3=Disagree

4=Strongly disagree

Applies to:

All second follow-up respondents.

S4 B25A-D

Question Wording: (Continued)(How much do you agree or disagree with the following statements?)

Variable: S4TPERSON1

Item Wording: You see yourself as someone who is good at solving problems using computers.

Variable: S4TPERSON2

Item Wording: Others see you as someone who is good at solving problems using computers.

Variable: S4EPERSON1

Item Wording: You see yourself as someone who is good at figuring out how mechanical and electrical things work.

Variable: S4EPERSON2

Item Wording: Others see you as someone who is good at figuring out how mechanical and electrical things work.

1=Strongly agree

2=Agree

3=Disagree

4=Strongly disagree

Applies to:

All second follow-up respondents.

S4 B26A-C

Question Wording: When you **first started** at [first college/trade school attended after high school] in [date of first postsecondary attendance]/[your college or trade school education], what was the major or field of study you were most seriously considering?

Variable: S4FIELD**Variable: S4FIELD2****Variable: S4FIELD6****Variable: CODED AS 00.0000**

Item Wording: You did not know

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

S4 P06

Question Wording: Was [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] the major or field of study in which you earned your [bachelor's degree/associate's degree/[first/second/etc.] certificate/degree or certificate][from [college/trade school attended]]?

Variable: INPUT TO S4PSAMEMAJ

1=Yes
0=No

Applies to:

Second follow-up respondents who (a) specified a major or field of study they were most seriously considering when they first started their postsecondary education and had completed an undergraduate degree or certificate (i.e., respondents who provided a major or field of study in S4FIELD and have at least one record on the student-institution-program file where S4PPROGRAM in (1, 2, 3) and S4PCOMPLETEDG = 1).

Notes:

This variable is included in the abbreviated instrument.

The variable on the student-institution-program data file with prefix S4 P06 combines data from all screens with the screen identifier S4 P06. These data appear on the student-institution-program file in the variable S4PSAMEMAJ.

S4 P07A-C

Question Wording: What was your major or field of study for your [bachelor's degree/associate's degree/[first/second/third etc.]certificate/degree or certificate][from [college/trade school attended]]?

(If you had two majors or fields of study, please indicate only one here. You will have an opportunity to provide your other one next.)

Variable: INPUT TO S4PDEGMAJ**Variable: INPUT TO S4PDEGMAJ2****Variable: INPUT TO S4PDEGMAJ6****Applies to:**

Second follow-up respondents who had completed an undergraduate degree or certificate (i.e., respondents who have at least one record on the student-institution-program file where S4PPROGRAM in (1, 2, 3) and S4PCOMPLETEDG = 1).

Notes:

These variables are included in the abbreviated instrument.

Variables on the student-institution-program data file with prefixes S4 P07A, S4 P07B, and S4 P07C combine data from all screens with the screen identifier S4 P07A-C. These data appear on the student-institution-program file in the variables S4PDEGMAJ, S4PDEGMAJ2 and S4PDEGMAJ6.

S4 P08

Question Wording: Besides [major or field of study for completed degree], did you have another major for your [bachelor's degree/associate's degree][from [college/trade school attended]]?

Variable: INPUT TO S4POTHDEGMAJ

1=Yes

0=No

Applies to:

Second follow-up respondents who had completed an undergraduate degree (i.e., respondents who have at least one record on the student-institution-program file where S4PPROGRAM in (1, 2) and S4PCOMPLETEDG = 1).

Notes:

This variable is included in the abbreviated instrument.

The variable on the student-institution-program data file with prefix S4 P08 combines data from all screens with the screen identifier S4 P08. These data appear on the student-institution-program file in the variable S4POTHDEGMAJ.

S4 P09A-C

Question Wording: What was your other major for your [bachelor's degree/associate's degree][from [college/trade school attended]]?

Variable: INPUT TO S4PDEGDBLMAJ

Variable: INPUT TO S4PDEGDBLMAJ2

Variable: INPUT TO S4PDEGDBLMAJ6

Applies to:

Second follow-up respondents who completed an undergraduate degree with a double major (i.e., respondents who have at least one record on the student-institution-program file where S4PPROGRAM in (1, 2) and S4PCOMPLETEDG = 1 and S4POTHDEGMAJ = 1).

Notes:

These variables are included in the abbreviated instrument.

Variables on the student-institution-program data file with prefixes S4 P09A, S4 P09B, and S4 P09C combine data from all screens with the screen identifier S4 P09A-C. These data appear on the student-institution-program file in the variables S4PDEGDBLMAJ, S4PDEGDBLMAJ2, and S4PDEGDBLMAJ6.

S4 B27 / S4 P08

Question Wording: [By the end of February 2016/When you last attended [reference institution (see X4REFINST and S4IREFINST)] in [date last attended reference institution (through February 2016)]], had you declared a major for your [reference bachelor's or associate's degree] at [reference institution]]?

Variable: S4DECLAREMAJ / INPUT TO S4POTHDEGMAJ

0=No

1=Yes, declared a single major or field of study

2=Yes, declared a double major or field of study

Applies to:

Second follow-up respondents whose reference degree was a bachelor's or associate's degree that had not been completed by the end of February 2016 (X4REFDEGTYPE in (1, 2) and X4RFDGCOMP ^= 1).

Notes:

This variable is included in the abbreviated instrument.

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

The variable on the student-institution-program data file with prefix S4 P08 combines data from all screens with the screen identifier S4 P08. These data appear on the student-institution-program file in the variable S4POTHDEGMAJ.

S4 B28 / S4 P08

Question Wording: Even though you had not formally declared your major, had you decided what your major would be for your [reference bachelor's or associate's degree] at [reference institution]] (by the end of [February 2016/date last attended reference institution (through February 2016)])?

Variable: S4DECIDMAJ / INPUT TO S4POTHDEGMAJ

0=No

1=Yes, decided upon a single major or field of study

2=Yes, decided upon a double major or field of study

Applies to:

Second follow-up respondents who had not declared a major for their reference degree which was a bachelor's or associate's degree that had not been completed by the end of February 2016 (S4DECLAREMAJ not in (1,2) and X4REFDEGTYPE in (1, 2) and X4RFDGCOMP ^= 1).

Notes:

This variable is included in the abbreviated instrument.

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

The variable on the student-institution-program data file with prefix S4 P08 combines data from all screens with the screen identifier S4 P08. These data appear on the student-institution-program file in the variable S4POTHDEGMAJ.

S4 P06

Question Wording: Was [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] [your major/one of your majors/your field of study/your major or field of study] for your [bachelor's degree/associate's degree/certificate at [reference institution]] [in [February 2016/date last attended reference institution (through February 2016)]/when you last attended in [February 2016/date last attended reference institution (through February 2016)]/when you last attended (through February 2016)]?

Variable: INPUT TO S4PSAMEMAJ

1=Yes

0=No

Applies to:

Second follow-up respondents who (a) specified a major or field of study they were most seriously considering when they first started their postsecondary education and (b) had declared or decided upon a major or field of study for their incomplete reference degree (i.e., a major or field of study is specified in S4FIELD and S4DECLAREMAJ in (1, 2) or S4DECIDMAJ in (1, 2)).

Notes:

This variable is included in the abbreviated instrument.

The variable on the student-institution-program data file with prefix S4 P06 combines data from all screens with the screen identifier S4 P06. These data appear on the student-institution-program file in the variable S4PSAMEMAJ.

S4 P07A-C

Question Wording: What was [one of] your [major(s)/field of study] for your [bachelor's degree/associate's degree/certificate at [reference institution]] [in [February 2016/date last attended reference institution (through February 2016)]/when you last attended in [February 2016/date last attended reference institution (through February 2016)]/when you last attended (through February 2016)]?

[(Since you had two majors, please indicate **only one** major here. You will have an opportunity to provide your other one next.)]

Variable: INPUT TO S4PDEGMAJ

Variable: INPUT TO S4PDEGMAJ2

Variable: INPUT TO S4PDEGMAJ6

Applies to:

Second follow-up respondents who had declared or decided upon a major or field of study for their incomplete reference degree (i.e., S4DECLAREMAJ in (1, 2) or S4DECIDMAJ in (1, 2)).

Notes:

These variables are included in the abbreviated instrument.

Variables on the student-institution-program data file with prefixes S4 P07A, S4 P07B, and S4 P07C combine data from all screens with the screen identifier S4 P07A-C. These data appear on the student-institution-program file in the variables S4PDEGMAJ, S4PDEGMAJ2, and S4PDEGMAJ6.

S4 P09A-C

Question Wording: What was your second major for your [bachelor's degree/associate's degree] at [reference institution] [in [February 2016/date last attended reference institution (through February 2016)]/when you last attended (through February 2016)]?

(Please do **not** include a minor.)

Variable: INPUT TO S4PDEGDBLMAJ

Variable: INPUT TO S4PDEGDBLMAJ2

Variable: INPUT TO S4PDEGDBLMAJ6

Applies to:

Second follow-up respondents who had declared or decided upon a double major for their incomplete reference degree (i.e., S4DECLAREMAJ =2 or S4DECIDMAJ =2).

Notes:

These variables are included in the abbreviated instrument.

Variables on the student-institution-program data file with prefixes S4 P09A, S4 P09B, and S4 P09C combine data from all screens with the screen identifier S4 P09A-C. These data appear on the student-institution-program file in the variables S4PDEGDBLMAJ, S4DEGDBLMAJ2, and S4PDEGDBLMAJ6.

S4 B29A-G

Question Wording: Why did you choose [major or field of study for reference degree]? Was it...

Variable: S4MAJENJOY

Item Wording: Because you enjoy the courses in [major or field of study for reference degree]?

Variable: S4MAJDOWELL

Item Wording: Because you do well in the courses in [major or field of study for reference degree]?

Variable: S4MAJEARNING

Item Wording: Because graduates in [major or field of study for reference degree] tend to have jobs with high earning potential?

Variable: S4MAJBALANCE

Item Wording: Because graduates in [major or field of study for reference degree] tend to have jobs that allow them to balance their work and personal life?

Variable: S4MAJEMPLOY

Item Wording: Because there are a lot of jobs available for graduates in [major or field of study for reference degree]?

Variable: S4MAJCONTRIB

Item Wording: Because graduates in [major or field of study for reference degree] tend to have jobs that contribute to society?

Variable: S4MAJENCRG

Item Wording: Because someone encouraged it?

1=Yes

0=No

Applies to:

Second follow-up respondents who had enrolled in an undergraduate degree or certificate program, and either (a) had completed their reference degree, (b) had declared or decided upon their major for their reference degree which was an associate's or a bachelor's degree, or (c) whose reference degree was a certificate (i.e., (a) X4RFDGCOMP = 1 or (b) X4REFDEGTYPE in (1, 2) and (S4DECLAREMAJ in (1, 2) or S4DECIDMAJ in (1, 2)) or (c) X4REFDEGTYPE = 3).

Notes:

These variables are included in the abbreviated instrument.

This question refers to the reasons the respondent chose their major for their reference degree. If the respondent had a double major for the reference degree, this question refers to the first major reported

(X4RFDGMJ16 / X4RFDGMJ12).

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

S4 B30

Question Wording: What is the main reason you chose [major or field of study for reference degree]?

Variable: S4MAJMAINRSN

- 1=Because you enjoy the courses in [major or field of study for reference degree]
- 2=Because you do well in courses in [major or field of study for reference degree]
- 3=Because graduates in [major or field of study for reference degree] tend to have jobs with high earning potential
- 4=Because graduates in [major or field of study for reference degree] tend to have jobs that allow them to balance their work and personal life
- 5=Because there are a lot of jobs available for graduates in [major or field of study for reference degree]
- 6=Because graduates in [major or field of study for reference degree] tend to have jobs that contribute to society
- 7=Because someone encouraged it

Applies to:

Second follow-up respondents who had enrolled in an undergraduate degree or certificate program, and satisfied at least one of the following three conditions: (a) they had completed their reference degree (i.e. X4RFDGCOMP = 1); (b) they had declared or decided upon their major for their reference degree which was an associate's or a bachelor's degree (i.e. X4REFDEGTYPE in (1, 2) and (S4DECLAREMAJ in (1, 2) or S4DECIDMAJ in (1, 2))); or (c) their reference degree was a certificate (i.e. X4REFDEGTYPE = 3) and (d) they indicated at least one reason for choosing their reference degree major (i.e., S4MAJENJOY = 1 or S4MAJDOWELL = 1 or S4MAJEARNING = 1 or S4MAJBALANCE = 1 or S4MAJEMPLOY = 1 or S4MAJCONTRIB = 1 or S4MAJENCRG = 1).

Notes:

This question refers to the main reason the respondent chose their major for their reference degree. If the respondent had a double major for the reference degree, this question refers to the first major reported (X4RFDGMJ16 / X4RFDGMJ12).

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4MAJMAINRSN_I in the public-use and/or restricted-use data files.

S4 B31A - L

Question Wording: Why did you decide not to [major in/study] [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]? Was it...

Variable: S4CHGNAVAIL

Item Wording: Because a program for a degree or certificate in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] was not available at your college or trade school?

Variable: S4CHGNENJOY

Item Wording: Because you did not enjoy the courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]?

Variable: S4CHGNDOWELL

Item Wording: Because you were not doing well in the courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]?

Variable: S4CHGNEARNING

Item Wording: Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] tend to have jobs with low earning potential?

Variable: S4CHGNBALANCE

Item Wording: Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] tend to have jobs that make it hard to balance their work and personal life?

Variable: S4CHGNEMPLOY

Item Wording: Because there are not enough jobs available for graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]?

Variable: S4CHGNCONTRIB

Item Wording: Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] are not likely to have jobs that contribute to society?

Variable: S4CHGNENCRG

Item Wording: Because someone discouraged you?

Variable: S4CHGNFITIN

Item Wording: Because you did not fit in with people in your [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] courses?

Variable: S4CHGNSCHED

Item Wording: Because the schedule for courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] got in the way of your other responsibilities?

Variable: S4CHGINTEREST

Item Wording: Because you became more interested in [major or field of study for reference degree]?

Variable: S4CHGJOBRSN

Item Wording: Because you liked the jobs or job opportunities for graduates in [major or field of study for reference degree] better?

1=Yes

0=No

Applies to:

Second follow-up respondents who had enrolled in an undergraduate degree or certificate program, but (a) had not completed a credential in their intended major and (b) whose reference degree major was different from their intended major (i.e., S4PSAMEMAJ \neq 1 for every program where S4PCOMPLETEDG = 1 and X4RFDGSAMEMAJ = 0).

Notes:

These variables are included in the abbreviated instrument.

This question refers to the reasons the respondent did not major in his/her intended major (S4ENTRYMAJ6 / S4ENTRYMAJ2), but rather their reference degree major. If the respondent had a

double major for the reference degree, this question refers to the first major reported (X4RFDGMJ16 / X4RFDGMJ12).

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

S4 B32

Question Wording: What is the main reason you decided not to [major in/study] [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]?

Variable: S4CHGMAINRSN

1=Because a program for a degree or certificate in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] was not available at your college or trade school

2=Because you did not enjoy the courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]

3=Because you were not doing well in the courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]

4=Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] tend to have jobs with low earning potential

5=Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] tend to have jobs that make it hard to balance their work and personal life

6=Because graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] are not likely to have jobs that contribute to society

7=Because there are not enough jobs available for graduates in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)]

8=Because someone discouraged you

9=Because you did not fit in with people in your [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] courses

10=Because the schedule for courses in [major or field of study most seriously considered upon postsecondary entry (S4FIELD)] got in the way of your other responsibilities?

11=Because you became more interested in [major or field of study for reference degree]?

12=Because you liked the jobs or job opportunities for graduates in [major or field of study for reference degree] better?

Applies to:

Second follow-up respondents who had enrolled in an undergraduate degree or certificate program, but (a) had not completed a credential in their intended major and (b) whose reference degree major was different from their intended major and (c) indicated at least one reason for leaving their reference degree program (i.e., $S4PSAMEMAJ \wedge = 1$ for every program where $S4PCOMPLETEDG = 1$ and $X4RFDGSAMEMAJ = 0$ and ($S4CHGNAVAIL = 1$ or $S4CHGNENJOY = 1$ or $S4CHGNDOWELL = 1$ or $S4CHGNEARNING = 1$ or $S4CHGNBALANCE = 1$ or $S4CHGNEMPLOY = 1$ or $S4CHGNCONTRIB = 1$ or $S4CHGNENCRG = 1$ or $S4CHGNFITIN = 1$ or $S4CHGNSCHED = 1$ or $S4CHGINTEREST = 1$ or $S4CHGJOBRSN = 1$)).

Notes:

This question refers to the reasons the respondent did not major in his/her intended major (S4ENTRYMAJ6 / S4ENTRYMAJ2), but rather their reference degree major. If the respondent had a double major for the reference degree, this question refers to the first major reported (X4RFDGMJ16 / X4RFDGMJ12).

The reference degree is the undergraduate degree or certificate that was being pursued in February 2016 or most recently before then. See X4REFDEG and S4PREFDEG.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4CHGMAINRSN_I in the public-use and/or restricted-use data files.

S4 B33

Question Wording: You indicated that you were working on a [bachelor's degree/associate's degree] in [major or field of study for reference degree] in [February 2016/date last attended reference institution (through February 2016)]. Up until that point, how many times had you formally changed your major for your [bachelor's degree/associate's degree]?

[(If you worked on this [bachelor's degree/associate's degree] at more than one college, add up the number of times you formally changed your major at each school.)]

Variable: S4MAJCHGNUM

0=Never
1=Once
2=More than once

Applies to:

Second follow-up respondents who had declared a major for their reference degree which was a bachelor's or associate's degree, but not yet completed the degree by the end of February 2016 (S4DECLAREMAJ in (1, 2) and X4REFDEGTYPE in (1, 2) and X4RFDGCOMP ^= 1).

S4 B34A-D

Question Wording: Did you take any of the following courses at [[college/trade school attended]/any college or trade school you attended] between the time you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and [February 2016/date last attended reference institution (through February 2016)]?

Variable: S4MTHCOURSE

Item Wording: Course(s) in the math department

Variable: S4SCICOURSE

Item Wording: Course(s) in the natural sciences (such as life science, biology, astronomy, chemistry, geology, or physics, but **not** computer science or the social sciences)

Variable: S4CSICOURSE

Item Wording: Course(s) in the computer science or technology department

Variable: S4ENGCOURSE

Item Wording: Course(s) in the engineering department

1=Yes
0=No
9=No department or courses offered

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B35A-D

Question Wording: How much do you agree or disagree that your instructor(s) in the following course(s) treated **male and female students** differently?

Variable: S4MTHMF

Item Wording: Math department courses

Variable: S4SCIMF

Item Wording: Natural science courses

Variable: S4CSIMF

Item Wording: Computer science or technology department courses

Variable: S4ENGMF

Item Wording: Engineering department courses

1=Strongly agree

2=Agree

3=Disagree

4=Strongly disagree

9=Not applicable or Don't know

Applies to:

S4MTHMF applies to second follow-up respondents who took a postsecondary course in a math department by the end of February 2016 (i.e., S4MTHCOURSE=1).

S4SCIMF applies to second follow-up respondents who took a postsecondary course in the natural sciences by the end of February 2016 (i.e., S4SCICOURSE=1).

S4CSIMF applies to second follow-up respondents who took a postsecondary course in a computer science or technology department by the end of February 2016 (i.e., S4CSICOURSE=1).

S4ENGMF applies to second follow-up respondents who took a postsecondary course in an engineering department by the end of February 2016 (i.e., S4ENGCOURSE=1).

S4 B36A-D

Question Wording: How much do you agree or disagree that your instructor(s) in the following course(s) treated **students of different races** differently?

Variable: S4MTHRC

Item Wording: Math department courses

Variable: S4SCIRC

Item Wording: Natural science courses

Variable: S4CSIRC

Item Wording: Computer science or technology department courses

Variable: S4ENGRC

Item Wording: Engineering department courses

- 1=Strongly agree
- 2=Agree
- 3=Disagree
- 4=Strongly disagree
- 9=Not applicable or Don't know

Applies to:

S4MTHRC applies to second follow-up respondents who took a postsecondary course in a math department by the end of February 2016 (i.e., S4MTHCOURSE=1).

S4SCIRC applies to second follow-up respondents who took a postsecondary course in the natural sciences by the end of February 2016 (i.e., S4SCICOURSE=1).

S4CSIRC applies to second follow-up respondents who took a postsecondary course in a computer science or technology department by the end of February 2016 (i.e., S4CSICOURSE=1).

S4ENGRC applies to second follow-up respondents who took a postsecondary course in an engineering department by the end of February 2016 (i.e., S4ENGCOURSE=1).

S4 B37

Question Wording: Remedial or developmental courses are used to strengthen students' skills before they take their first college-level course in math, reading, or other subjects. Students are usually assigned to these courses on the basis of a placement test taken before the school year begins. Often, these courses do not count for credit toward graduation.

Did you take any remedial or developmental courses to improve your basic skills in math, reading, or writing between the time you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and [February 2016/date last attended reference institution (through February 2016)]?

Variable: S4REMEDIAL

- 1=Yes
- 0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B38

Question Wording: Between the time you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and [February 2016/date last attended reference institution (through February 2016)], had you ever sought help for a course such as by participating in a study group, going to office hours, or requesting tutoring?

Variable: S4HELPCRSEVER

1=Yes

0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B39A-F

Question Wording: In which course subjects did you seek help?

(Please choose all that apply)

Variable: S4HELPCRSMTH

Item Wording: Courses in a math department

Variable: S4HELPCRSSCI

Item Wording: Courses in the natural sciences

Variable: S4HELPCRSCSI

Item Wording: Courses in a computer science or technology department

Variable: S4HELPCRSENG

Item Wording: Courses in an engineering department

Variable: S4HELPCRSENGL

Item Wording: Courses in English, reading, or writing

Variable: S4HELPCRSTH

Item Wording: Other courses

Applies to:

S4HELPCRSMTH applies to second follow-up respondents who had taken a postsecondary course in a math department and sought help for postsecondary coursework in general (i.e., S4MTHCOURSE=1 and S4HELPCRSEVER=1).

S4HELPCRSSCI applies to second follow-up respondents who had taken a postsecondary course in the natural sciences and sought help for postsecondary coursework in general (i.e., S4SCICOURSE=1 and S4HELPCRSEVER=1).

S4HELPCRSCSI applies to second follow-up respondents who had taken a postsecondary course in a computer science or technology department and sought help for postsecondary coursework in general (i.e., S4CSICOURSE=1 and S4HELPCRSEVER=1).

S4HELPCRSENG applies to second follow-up respondents who had taken a postsecondary course in an engineering department and sought help for postsecondary coursework in general (i.e., S4ENGCOURSE=1 and S4HELPCRSEVER=1).

S4HELPCRSENGL and S4HELPCRSTH apply to second follow-up respondents who had sought help for a postsecondary course (i.e., S4HELPCRSEVER=1).

S4 B40A-D

Question Wording: By the end of [February 2016/date last attended reference institution (through

February 2016)], which of the following college or trade school services had you used?

(Visiting, emailing, or in any way communicating with and receiving information or help from a school office or department that offers a particular service counts as use of that service.)

(Please choose all that apply)

Variable: S4SRVFINAID

Item Wording: Advice or counseling about financial aid

Variable: S4SRVACAD

Item Wording: Academic support services (for example, tutoring or writing centers)

Variable: S4SRVCAREER

Item Wording: Career planning or job placement services

Variable: S4SRVNONE

Item Wording: Did not use any of these services

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B41A-C

Question Wording: By the end of [February 2016/date last attended reference institution (through February 2016)], did you participate in any of the following as a part of your college or trade school education?

Variable: S4RESEARCH

Item Wording: Research project with a faculty member

Variable: S4STUDYABROAD

Item Wording: Study abroad

Variable: S4COMMSRV

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

1=Yes

0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B42

Question Wording:

[Was your [bachelor's degree program/associate's degree program/certificate program] at [college/trade school attended] entirely online?

[Do **not** include any online adult high school completion programs that you may have attended.]

OR

Between the time you [received your high school diploma/received your GED/received your high school equivalency/received your certificate of attendance or completion/last attended high school] and [February 2016/date last attended reference institution (through February 2016)], had you ever been enrolled in a degree or certificate program that was entirely online?

[Do **not** include any online adult high school completion programs that you may have attended.]

Variable: S4ONLINEPGM

1=Yes
0=No

Applies to:

Second follow-up respondents who had enrolled in an undergraduate degree or certificate program (i.e., second follow-up respondents with at least one record on the HSLS F2 student-institution-program file where S4PPROGRAM in (1, 2, 3)).

S4 B43

Question Wording: Where were you living in [February 2016/date last attended reference institution (through February 2016)], that is, when you last attended [Reference institution (see X4REFINST and S4IREFINST)] (before February 2016)?

(If you were studying abroad at that time, please answer whether you were living on or off the campus of your study abroad college or trade school.)

Variable: S4ONCAMPUS

1=On campus or in college-owned housing (for example, a dorm or residence hall)
2=Off campus (not college-owned housing)

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4ONCAMPUS_I in the public-use and/or restricted-use data files.

S4 B44

Question Wording: By the end of [February 2016/date last attended reference institution (through February 2016)], had you ever taken out any **private student loans** from a private lender for your college or trade school education? Do **not** include any money borrowed in federal loans or any money borrowed from family or friends in your answer.

(Private student loans are borrowed from a private lender, such as a bank, credit union, or state, usually require a co-signer and have market interest rates based on credit history. Click here for examples of private loans.)

Variable: S4PRVLOAN

1=Yes

0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Notes:

This variable is included in the abbreviated instrument.

S4 B45

Question Wording: What is the **total amount** that you had borrowed in **private loans** for your college or trade school education by the end of [February 2016/date last attended reference institution (through February 2016)]? (Do **not** include any money borrowed in federal loans or any money borrowed from family or friends in your answer.)

(If you are unsure of the amount of your private loans, please provide your best guess.)

Variable: S4PRVLOANAMT

Item Wording: \$.00

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 and had taken out a private student loan (i.e., S4EVRATNDCLG=1 and S4PRVLOAN=1).

S4 B46

Question Wording: Please indicate the range for the total amount you had borrowed in private loans for your college or trade school education (by the end of [February 2016/date last attended reference institution (through February 2016)]). Would you say it was...

Variable: S4PRVLOANEST

1=\$2,500 or less

2=\$2,501 - \$5,000

3=\$5,001 - \$10,000

4=\$10,001 - \$20,000

5=\$20,001 - \$30,000

6=\$30,001 - \$45,000

7=\$45,000 or more

8=Don't know

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 and had taken out a private student loan (i.e., S4EVRATNDCLG=1 and S4PRVLOAN=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4PRVLOANEST_I in the public-use and/or restricted-use data files.

S4 B47A-C

Question Wording: By the end of [February 2016/date last attended reference institution (through February 2016)], did you receive any of the following types of scholarships or benefits for your college or trade school education?

(Do not include scholarships from any school or state.)

Variable: S4VETEDBEN

Item Wording: Veteran's education benefits

Variable: S4EMPSCHLSHIP

Item Wording: Scholarships or tuition reimbursement from your employer or from your parents' or guardians' employer

Variable: S4PRVSCHLSHIP

Item Wording: Scholarships from a private organization such as a church, PTA, fraternity or sorority, or foundation

1=Yes

0=No

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

S4 B48

Question Wording: How much do you agree or disagree that your college or trade school education will be a good financial investment?

Variable: S4GOODINVEST

1=Strongly agree

2=Agree

3=Disagree

4=Strongly disagree

Applies to:

Second follow-up respondents who had attended college or trade school by the end of February 2016 (i.e., S4EVRATNDCLG=1).

Section C: Employment

Introduction to Section C

Question Wording: Now we are interested in learning about your work experiences between [date received [high school diploma/certificate of attendance] or date last attended high school] and February 2016.

S4 C01

Question Wording: Between the time you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016, did you ever participate in a work experience program, that is, an internship, co-op, practicum, externship, apprenticeship, or a similar program?

Variable: S4WRKPGM

2=Yes, more than one program

1=Yes, one program

0=No

Applies to:

All second follow-up respondents.

S4 C02

Question Wording: Were you paid or unpaid in your [last]work experience program (before the end of February 2016)?

Variable: S4WRKPGMPAID

1=Paid

2=Unpaid

Applies to:

Second follow-up respondents who participated in a work experience program (i.e., S4WRKPGM in (1, 2)).

S4 C03

Question Wording: A professional certification, state or industry license shows you are qualified to perform a specific job.

At any time between when you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016, did you have a professional certification or a state or industry license?

(Examples include Certified Mechanic, Certified Medical Assistant, Licensed Realtor, or Licensed Plumber. Do not include business licenses, such as a liquor license or vending license.)

Variable: S4PROFCERT

1=Yes
0=No

Applies to:

All second follow-up respondents.

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4PROCERT_I on the public-use and/or restricted-use data files.

TRANSITION SCREEN

Question Wording: For the rest of the questions about your work experience, we are interested in all **paid** work you had between [date received [high school diploma/certificate of attendance] or date last attended high school] and February 2016, including continuing in any jobs you started before you [received your high school diploma/received your certificate of attendance or completion/last attended high school].

Please be sure to include part-time work, temporary and odd jobs, paid work experience programs (such as internships, apprenticeships, co-ops), work-study jobs as well as self-employment and military service.

S4 C04A-D

Question Wording: Did you ever work **for pay** during weeks you were **also attending** **[[Name of only college/trade school attended/college or trade school]** in the following time period(s)?

(Do **not** count jobs you held when you were not attending school, such as jobs held only during summer break.)

Variable: S4WRK1213

Item Wording: [start date between July 2012 and June 2013] - [end date between July 2012 and June 2013] (when you were attending in the 2012-2013 school year)

Variable: S4WRK1314

Item Wording: [start date between July 2013 and June 2014] - [end date between July 2013 and June 2014] (when you were attending in the 2013-2014 school year)

Variable: S4WRK1415

Item Wording: [start date between July 2014 and June 2015] - [end date between July 2014 and June 2015] (when you were attending in the 2014-2015 school year)

Variable: S4WRK1516

Item Wording: [start date between July 2015 and February 2016] - [end date between July 2015 and February 2016] (when you were attending in the 2015-2016 school year through February 2016)

1=Yes
0=No

Applies to:

S4WRK1213 applies to second follow-up respondents who had attended college or trade school sometime between July 2012 and June 2013.

S4WRK1314 applies to second follow-up respondents who had attended college or trade school sometime between July 2013 and June 2014.

S4WRK1415 applies to second follow-up respondents who had attended college or trade school sometime between July 2014 and June 2015.

S4WRK1516 applies to second follow-up respondents who had attended college or trade school sometime between July 2015 and February 2016.

S4ICLGSTART and S4ICLGEND are used to determine whether a student was attending during the academic years in question.

Notes:

These variables are included in the abbreviated instrument.

S4 C05A-D

Question Wording: How many **hours per week** did you usually work **while attending** **[[Name of only college/trade school attended/college or trade school]]** in the following time period(s)?

Variable: S4WRKHRS1213

Item Wording: [start date between July 2012 and June 2013] - [end date between July 2012 and June 2013] (2012-2013 school year)

Variable: S4WRKHRS1314

Item Wording: [start date between July 2013 and June 2014] - [end date between July 2013 and June 2014] (2013-2014 school year)

Variable: S4WRKHRS1415

Item Wording: [start date between July 2014 and June 2015] - [end date between July 2014 and June 2015] (2014-2015 school year)

Variable: S4WRKHRS1516

Item Wording: [start date between July 2015 and February 2016] - [end date between July 2015 and February 2016]

Applies to:

S4WRK1213 applies to second follow-up respondents who had worked while attending college or trade school sometime between July 2012 and June 2013 (i.e., S4WRK1213=1).

S4WRK1314 applies to second follow-up respondents who had worked while attending college or trade school sometime between July 2013 and June 2014 (i.e., S4WRK1314=1).

S4WRK1415 applies to second follow-up respondents who had worked while attending college or trade school sometime between July 2014 and June 2015 (i.e., S4WRK1415=1).

S4WRK1516 applies to second follow-up respondents who had worked while attending college or trade school sometime between July 2015 and February 2016 (i.e., S4WRK1516=1).

Notes:

These variables are included in the abbreviated instrument.

S4 C06

Question Wording: When you were working and attending [[Name of only college/trade school attended/college or trade school] at the same time, would you say you were primarily...

Variable: S4STUDOREMP

1=A student who worked, or
2=An employee who decided to enroll in school?

Applies to:

Second follow-up respondents who worked for pay while attending college or trade school sometime between July 2012 and February 2016 (i.e., S4WRK1213=1 or S4WRK1314=1 or S4WRK1415=1 or S4WRK1516=1).

S4 C07

Question Wording: How much do you agree or disagree that your work schedule interfered with your academic performance in college or trade school?

Variable: S4WRKINTERFERE

1=Strongly agree
2=Agree
3=Disagree
4=Strongly disagree

Applies to:

Second follow-up respondents who worked for pay while attending college or trade school sometime between July 2012 and February 2016 (i.e., S4WRK1213=1 or S4WRK1314=1 or S4WRK1415=1 or S4WRK1516=1).

S4 C08

Question Wording: By the end of February 2016, had you ever served in the United States Armed Forces?

Variable: S4EVRMILITARY

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 C09A-B

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

Variable: S4MLTSTARTM

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4MLTSTARTY

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces (i.e., S4EVRMILITARY=1).

S4 C10

Question Wording: Were you serving in the military in February 2016?

Variable: S4MLT16FB

1=Yes
0=No

Applies to:

All second follow-up respondents.

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4MLT16FB_I on the public-use and/or restricted-use data files.

S4 C11A-B

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

(If you returned to military service after February 2016, please report the last month and year you served in the military before February 2016).

Variable: S4MLTENDM

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4MLTENDY

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces, but were not serving in February 2016 (i.e., S4EVRMILITARY=1 and S4MLT16FB^=1).

S4 C12

Question Wording: In [date last served in military (through February 2016)] were you serving...

Variable: S4MLTCOMP

1=On active duty (Exclude initial entry training such as boot camp or basic training.)
2=In the Reserves, or
3=In the National Guard?

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces (i.e., S4EVRMILITARY=1).

S4 C13

Question Wording: What was your military pay grade in [date last served in military (through February 2016)]?

Variable: S4MLTGRADE

1=E-1
2=E-2
3=E-3
4=E-4
5=E-5
6=E-6
7=O-1
8=O-2
9=O-3
10=W-1
11=W-2
12=W-3
13=Other

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces (i.e., S4EVRMILITARY=1).

S4 C14A-E

Question Wording: In which branches of the military had you served by the end of [date last served in military (through February 2016)]?

(Please choose all that apply)

Variable: S4ARMY

Item Wording: Army

Variable: S4AIRFORCE

Item Wording: Air Force

Variable: S4MARINES

Item Wording: Marine Corps

Variable: S4NAVY

Item Wording: Navy

Variable: S4COASTGRD

Item Wording: Coast Guard

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces (i.e., S4EVRMILITARY=1).

S4 C15

Question Wording: By the end of [date last served in military (through February 2016)] had you ever served on active duty? Exclude initial entry training such as boot camp or basic training.

Variable: S4ACTIVEDUTY

1=Yes
0=No

Applies to:

Second follow-up respondents who had served in the U.S. Armed Forces (i.e., S4EVRMILITARY=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4ACTIVEDUTY_I on the public-use and/or restricted-use data files.

S4 C16

Question Wording: Had you ever served in a combat zone by the end of [date last served in military (through February 2016)]?

Variable: S4COMBATZN

1=Yes
0=No

Applies to:

Second follow-up respondents who had served on active-duty in the U.S. Armed Forces (i.e., S4ACTIVEDUTY=1).

S4 C17

Question Wording: Did you work for pay at any time between [date received [high school diploma/date received certificate of attendance/date last attended high school] and February 2016, including continuing in any jobs started before you [received your high school diploma/received your certificate of attendance or completion/last attended high school]? Include all types of paid employment including part-time work, temporary and odd jobs lasting one month or more, and self-employment.

Variable: S4ANYJOB

1=Yes
0=No

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4ANYJOB_I on the public-use and/or restricted-use data files.

S4 C18

Question Wording: [Including but not limited to the [paid work/military service/paid work and military service] you have already mentioned, how/How] many different jobs for pay did you have between the time you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016?

(Count only paid jobs lasting **one month or more**. For self-employment or odd jobs, count multiple instances of the same type of work as one job.)

Variable: S4NUMBERJOBS

Item Wording: | job(s) for pay

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

This variable is included in the abbreviated instrument.

S4 C19A-B

Question Wording: [Based on the answers you have provided, it looks like the military service you reported on earlier is the one job you held between the time you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016. (If this is correct, please verify your employment dates for this position in the next questions. If this is **not** correct, please back up to the previous screen and count all paid jobs you held during this time, including your military service.)]

In what month and year did you start [this job/the first job you held after you [received your high school diploma/received your certificate of attendance or completion/last attended high school]]?

[(This may be a job you started before you [received your high school diploma/received your certificate of attendance or completion/last attended high school].)]

Variable: S4WORKSTARTM

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4WORKSTARTY

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

These variables are included in the abbreviated instrument.

S4 C20

Question Wording: Were you working for pay [**in this job/in any job**] in February 2016?

[(Include all types of **paid** employment including part-time work, self-employment, paid internships, apprenticeships, co-ops, work-study jobs, military service, and temporary and odd jobs.)]

Variable: S4WORKING16FB

1=Yes
0=No

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKING16FB_I on the public-use and/or restricted-use data files.

S4 C21A-B

Question Wording: Before February 2016, in what month and year did you last work for pay?

Variable: S4WORKENDM

1=January
2=February
3=March
4=April
5=May
6=June
7=July

8=August
9=September
10=October
11=November
12=December

Variable: S4WORKENDY

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016, but were no longer working for pay in February 2016 (i.e., S4ANYJOB=1 and S4WORKING16FB^=1).

Notes:

These variables are included in the abbreviated instrument.

Transition screen

Question Wording: Now we have some questions about the first job you had after you [received your high school diploma/received your certificate of attendance or completion/last attended high school].

[(If you had more than one job at that time, tell us about the one where you worked the most hours.)]

S4 C22A-D

Question Wording: What was the title of [this job/the first job you had after you [received your high school diploma/received your certificate of attendance or completion/last attended high school]]?

What did you do in that job?

Variable: S4JOBTITLE1

Variable: S4JOB DUTY1

Variable: S4JOB21

Variable: S4JOB61

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

S4 C23

Question Wording: What was the name of your employer for this job[as a(n) [job title for 1st job after high school (S4JOBTITLE1)]]?

(Your employer's name will be used to help personalize the questions to your situation. We will not contact your employer.)

Variable: INPUT TO S4EMPLOYER01

Item Wording: Employer name: |

Variable: S4EMPLOYER01

1=Self-employed
2=United States military
3=Other employer

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

The employer name was collected only as a fill for subsequent question wording about the first job after high school. It is not provided on the data file. S4EMPLOYER01 = 1 for respondents who provided an employer name.

S4 C24

Question Wording: Were you working [as a(n) [S4JOBTITLE1] for [employer] /for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military [in February 2016/in [date last worked for pay (through February 2016)], that is, when you last worked for pay before February 2016]]?

Variable: S4SAMEJOB1

1=Yes
0=No

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4SAMEJOB1_I on the public-use and/or restricted-use data files.

S4 C25A-B

Question Wording: In what month and year did you last work [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military]?

(If you returned to this job after February 2016, please report the last month and year you worked [as a(n)

[S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military] before February 2016).

Variable: S4JOBENDM1

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4JOBENDY1

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016, but were no longer working for pay at their first job after high school in February 2016 (i.e., S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4JOBENDM1_I and S4JOBENDY1_I on the public-use and/or restricted-use data files.

S4 C26

Question Wording: Between [date started first job (S4WORKSTARTM/S4WORKSTARTY)] and [date last worked in first job through February 2016 (S4JOBENDM1/S4JOBENDY1)], were there any periods of one month or more during which you were not working [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military], not counting time you took off for vacation or sick leave?

Variable: S4OFFWORK1

1=Yes
0=No

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4OFFWORK1_I on the public-use and/or restricted-use data files.

S4 C27A-B

Question Wording: When you started this job in [date started first job (S4WORKSTARTM/S4WORKSTARTY)] how much did you make in this job before taxes? Include any tips, bonuses, and commissions in your total earnings amount.

Variable: S4EARNAMT1

Item Wording: \$ |

Variable: S4EARNUNIT1

1=per hour
2=per month
3=per year

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

S4 C28

Question Wording: Did you ever work regularly [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military] during weeks in which you were also **attending** [[Name of only college/trade school attended/college or trade school]?

Variable: S4WORKENR1

1=Yes
0=No

Applies to:

Second follow-up respondents who worked for pay while attending college or trade school sometime between July 2012 and February 2016 (i.e., S4WRK1213=1 or S4WRK1314=1 or S4WRK1415=1 or S4WRK1516=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKENR1_I on the public-use and/or restricted-use data files.

S4 C29

Question Wording: Earlier you provided the number of hours you worked across all of your jobs by school year. Now we would like to know about the hours you worked **[as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military]**.

How many hours per week did you usually work [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military] while you were attending [[Name of only college/trade school attended/college or trade school]]?

(Provide your best guess if you are unsure.)

Variable: S4WORKHREN1

Item Wording: | hours per week

Applies to:

Second follow-up respondents who worked at their first job after high school (i.e., the job reported in S4JOBTITLE1) while attending college or trade school (i.e., S4WORKENR1=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKHREN1_I on the public-use and/or restricted-use data files.

S4 C30

Question Wording: Did you also work regularly [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military] during weeks when you were **not attending** [[Name of only college/trade school attended/college or trade school]]?

Variable: S4WORKNENR1

1=Yes

0=No

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKNENR1_I on the public-use and/or restricted-use data files.

S4 C31

Question Wording: How many hours per week did you usually work [as a(n) [S4JOBTITLE1] for [employer name]/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military] when you were **not attending** [[Name of only college/trade school attended/college or trade school]]? (Provide your best guess if you are unsure.)

Variable: S4WORKHRNENR1

Item Wording: | hours per week

Applies to:

Second follow-up respondents who worked at their first job after high school (i.e., the job reported in S4JOBTITLE1) while not attending college or trade school (i.e., S4WORKNENR1=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKHRNENR1_I on the public-use and/or restricted-use data files.

S4 C32

Question Wording: Now we are interested in the job you held [in February 2016/in [date last worked for pay through February 2016 (S4WORKENDM/S4WORKENDY)], that is, when you last worked for pay before February 2016]].

(If you had more than one job at that time, tell us about the one where you worked the most hours.)

Were you...

Variable: S4SAMEJOB2

- 1=Working [as a(n) [S4JOBTITLE1]] for a different employer
- 2=Working in a different job for [employer for 1st job after high school]
- 3=Working in a different job for a different employer
- 4=Working [as a(n) [S4JOBTITLE1]] for [employer for 1st job after high school/for yourself as a(n) [S4JOBTITLE1]/as a(n) [S4JOBTITLE1] for the United States military]

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4SAMEJOB2_I on the public-use and/or restricted-use data files.

S4 C33A-D

Question Wording: What was the title of the job you had in [date last worked for pay through February 2016 (S4WORKENDM/S4WORKENDY)]?

What did you do in that job?

Variable: S4JOBTITLE2**Variable: S4JOB2****Variable: S4JOB22****Variable: S4JOB62****Applies to:**

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

These variables are included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4JOBTITLE2_I, S4JOBBDUTY2_I, S4JOB22_I, and S4JOB62_I on the public-use and/or restricted-use data files.

S4 C34

Question Wording: What was the name of your employer for this job as a(n) [S4JOBTITLE2]?

(Your employer's name will be used to help personalize the questions to your situation. We will not contact your employer)

Variable: INPUT TO S4EMPLOYER02

Item Wording: Employer name: |

Variable: S4EMPLOYER02

- 1=Self-employed
- 2=United States military
- 3=Other employer

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

This variable is included in the abbreviated instrument.

The employer name was collected only as a fill for subsequent question wording about the job held in February 2016 or most recently before that date. It is not provided on the data file. S4EMPLOYER02 = 1 for respondents who provided an employer name.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4EMPLOYER02_I on the public-use and/or restricted-use data files.

S4 C35A-B

Question Wording: In what month and year did you first start working [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military]?

Variable: S4STARTJOBM2

- 1=January
- 2=February
- 3=March
- 4=April
- 5=May

6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4STARTJOBY2

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

These variables are included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4STARTJOBM2_I and S4STARTJOBY2_I on the public-use and/or restricted-use data files.

S4 C36

Question Wording: Between [date started most recent job through February 2016 (S4STARTJOBM2/S4STARTJOBY2)] and [date last worked for pay through February 2016 (S4WORKENDM/S4WORKENDY)], were there any periods of one month or more during which you were not working in this job [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military], not counting time you took off for vacation or sick leave?

Variable: S4OFFWORK2

1=Yes
0=No

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In

these cases, the respondent was not asked this question. For more information, see S4OFFWORK2_I on the public-use and/or restricted-use data files.

S4 C37A-B

Question Wording: In [date last worked for pay through February 2016 (S4WORKENDM/S4WORKENDY)], how much did you make in this job before taxes? Include any bonuses, tips, or commissions in your total earnings amount.

Variable: S4EARNAMT2

Item Wording: \$ |

Variable: S4EARNUNIT2

1=per hour
2=per month
3=per year

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

These variables are included in the abbreviated instrument.

S4 C38A-E

Question Wording: In [your job as a(n) [S4JOBTITLE2] for [employer name]/your self-employment as a(n) [S4JOBTITLE2]/your job as a(n) [S4JOBTITLE2] for the United States military], were you offered any of the following benefits?

Variable: S4BENHLTH2

Item Wording: Health insurance

Variable: S4BENLIFE2

Item Wording: Life insurance

Variable: S4BENRET2

Item Wording: Retirement or other financial benefits, such as a 401(k)/403(b)

Variable: S4BENEDU2

Item Wording: Scholarships or tuition reimbursement for school

Variable: S4BENVACTN2

Item Wording: Paid vacation, sick, or personal days

1=Yes
0=No

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016, worked for pay at any time between high school completion or exit and February 2016,

but were not self-employed in their February 2016 or most recent position (i.e., S4TMP_01 = 1, S4ANYJOB=1, and S4EMPLOYER02 ^= 1).

S4 C39

Question Wording: Did you ever work regularly [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military] during weeks in which you were also **attending** [[Name of only college/trade school attended/college or trade school]?

Variable: S4WORKENR2

1=Yes

0=No

Applies to:

Second follow-up respondents who worked for pay while attending college or trade school sometime between July 2012 and February 2016 (i.e., S4WRK1213=1 or S4WRK1314=1 or S4WRK1415=1 or S4WRK1516=1).

Notes:

This variable is included in the abbreviated instrument.

S4 C40

Question Wording: [Earlier you provided the number of hours you worked [across all of your jobs]by school year. Now we would like to know about the hours you worked **[as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military]** across school years.]

How many hours per week did you usually work [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military] while you were attending [[Name of only college/trade school attended/college or trade school]?

(Provide your best guess if you are unsure.)

Variable: S4WORKHREN2

Item Wording: | hours per week

Applies to:

Second follow-up respondents who worked at their February 2016/most recent job after high school (i.e., the job reported in S4JOBTITLE2) while attending college or trade school (i.e., S4WORKENR2=1).

Notes:

This variable is included in the abbreviated instrument.

S4 C41

Question Wording: Did you also work regularly [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military] during weeks when you were **not attending** [[Name of only college/trade school attended/college or trade school]?

Variable: S4WORKNENR2

1=Yes

0=No

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 (i.e., S4ANYJOB=1).

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4WORKNENR2_I on the public-use and/or restricted-use data files.

S4 C42

Question Wording: How many hours per week did you usually work [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military][when you were **not attending** [[Name of only college/trade school attended/college or trade school]? (Provide your best guess if you are unsure.)

Variable: S4WORKHRNENR2

Item Wording: | hours per week

Applies to:

Second follow-up respondents who worked at their February 2016/most recent job after high school (i.e., the job reported in S4JOBTITLE2) while not attending college or trade school (i.e., S4WORKNENR2=1).

Notes:

This variable is included in the abbreviated instrument.

S4 C43

Question Wording: Would you have preferred to work more hours for pay [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military] in [date last worked for pay through February 2016 (S4WORKENDM/S4WORKENDY)]?

Variable: S4WANTXHRS2

1=Yes

0=No

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 and worked for pay at any time between high school completion or exit and February 2016 (i.e., S4TMP_01 = 1 and S4ANYJOB=1).

S4 C44

Question Wording: How would you rate your overall satisfaction with [your job as a(n) [S4JOBTITLE2] for [employer name]/your self-employment as a(n) [S4JOBTITLE2]/your job as a(n) [S4JOBTITLE2] for the United States military]?

Variable: S4JOBSAT2

1=Very satisfied
2=Somewhat satisfied
3=Somewhat dissatisfied
4=Very dissatisfied

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 and worked for pay at any time between high school completion or exit and February 2016 (i.e., S4TMP_01 = 1 and S4ANYJOB=1).

S4 C45

Question Wording: Was this job a formal apprenticeship that results in journeyman status upon completion?

Variable: S4APPRENTICE2

1=Yes
2=No
3=Don't know

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 and worked for pay at any time between high school completion or exit and February 2016 (i.e., S4TMP_01 = 1 and S4ANYJOB=1).

S4 C46

Question Wording: Did you have a license that was required by a federal, state, or local government agency to work [as a(n) [S4JOBTITLE2] for [employer name]/for yourself as a(n) [S4JOBTITLE2]/as a(n) [S4JOBTITLE2] for the United States military]?

Variable: S4LCNSE4JOB2

1=Yes
0=No

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 and had worked for pay at any time between high school completion or exit and February 2016 (i.e., S4TMP_01 = 1 and S4ANYJOB=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4LCNSE4JOB2_I on the public-use and/or restricted-use data files.

S4 C47

Question Wording: [Earlier you indicated that you were **not** working for pay in February 2016.]

Were you actively looking for work in February 2016?

Variable: S4UNEMP16FB

1=Yes

0=No

Applies to:

Second follow-up respondents who were not working for pay in February 2016 (i.e., S4WORKING16FB=0).

S4 C48

Question Wording: At any time between when you [received your high school diploma/received your certificate of attendance or completion/last attended high school] ([date received high school diploma/date received certificate of attendance/date last attended high school]) and February 2016, were you unemployed and actively looking for work for a period of one month or more?

Variable: S4UNEMPEVER

1=Yes

0=No

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 (S4TMP_01 = 1).

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4UNEMPEVER_I on the public-use and/or restricted-use data files.

S4 C49

Question Wording: Between [date received high school diploma/date received certificate of attendance/date last attended high school] and February 2016, what was the longest period of time (in months) you were unemployed and actively looking for work?

(Please indicate the longest period of time in terms of number of months.)

Variable: S4UNEMPDUR

Item Wording: | months

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 (S4TMP_01 = 1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4UNEMPDUR_I on the public-use and/or restricted-use data files.

S4 C50

Question Wording: About how many different periods of time were you unemployed and actively looking for work (between [date received high school diploma/date received certificate of attendance/ date last attended high school] and February 2016)? Do **not** count short-term unemployment lasting less than a month.

Variable: S4UNEMPFREQ

Item Wording: | period(s) of time

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 (S4TMP_01 = 1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4UNEMPFREQ_I on the public-use and/or restricted-use data files.

S4 C51

Question Wording: Between [date received high school diploma/date received certificate of attendance/date last attended high school] and February 2016, had you ever received unemployment compensation, that is, money paid by the government to workers who have lost their job?

Variable: S4UNEMPCOMP

1=Yes

0=No

Applies to:

Second follow-up respondents who were not enrolled in an undergraduate degree or certificate program in February 2016 (S4TMP_01 = 1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4UNEMPCOMP_I on the public-use and/or restricted-use data files.

S4 C52

Question Wording: As things stand now, what is the job or occupation that you expect or plan to have at age 30?

(Please enter a job title in the text box below or select one of the options beneath it.)

Variable: S4OCC30

Item Wording: Job title:

Variable: INPUT TO S4OCC30

1=[job title (1st job after high school)]
2=[job title (February 2016/most recent job)]
97=You don't know
98=Not planning to work for pay at age 30

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

S4 C53

Question Wording: How certain are you that you will be a(n) [expected job at age 30 (S4OCC30)] at age 30?

Variable: S4OCC30CERTAIN

1=Very certain
2=Fairly certain
3=Not certain

Applies to:

Second follow-up respondents who specified an expected age-30 occupation (i.e., X4STU30OCC2 not in (97,98))

S4 C54

Question Wording: How closely related is [your job as a(n) [S4JOBTITLE2] for [employer name]/your self-employment as a(n) [S4JOBTITLE2]/your job as a(n) [S4JOBTITLE2] for the United States military] to a job as a(n) [expected job at age 30 (S4OCC30)]?

Variable: S4OCC30RELATE

1=Closely related
2=Somewhat related
3=Not at all related

Applies to:

Second follow-up respondents who worked for pay at any time between high school completion or exit and February 2016 and specified an expected age-30 occupation (i.e. S4ANYJOB=1 and (X4STU30OCC2 > 0 and not equal to 97 or 98))

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In

these cases, the respondent was not asked this question. For more information, see S4OCC30RELATE_I on the public-use and/or restricted-use data files.

S4 C55

Question Wording: How much do you expect to earn per year (in today's dollars) [as a(n) [expected job at age 30 (S4OCC30)]] at age 30?

Variable: S4OCC30EARN

Item Wording: \$ |.00 per year

Applies to:

All second follow-up respondents except those not planning to work at age 30 (i.e., X4STU30OCC2 ^= 98)

Note:

Respondents who did not know what occupation they expected to have at age 30 (i.e., X4STU30OCC2 = 97) were asked this question in general terms, without referencing any particular occupation.

S4 C56A-F

Question Wording: Salary may be one part of why people choose a job. Compared to the salary, how important is each of the following to you?

Variable: S4JOBCONTRIB

Item Wording: Making a contribution to society

Variable: S4JOBBALANCE

Item Wording: Balancing your work and personal life

Variable: S4JOBDECISION

Item Wording: Making your own decisions about how to get your work done

Variable: S4JOBSECURE

Item Wording: Having job security

Variable: S4LOCATION

Item Wording: Working in a particular geographic location

Variable: S4JOBTEAMWRK

Item Wording: Working with a team on tasks or projects

1=More important than salary

2=Equally important

3=Less important than salary

Applies to:

All second follow-up respondents.

Notes:

These variables are included in the abbreviated instrument.

S4 C57A-B

Question Wording: Discrimination may happen when people are treated unfairly because they are seen as being different from others based on a personal characteristic (such as your race, color, religion, sex, age, marital status, sexual orientation, gender identity, national origin, creed, citizenship status, disability, veteran status or some other characteristic).

Do you feel discrimination or unfair treatment based on a personal characteristic has...

Variable: S4DSCRMNTNED

Item Wording: Limited your educational opportunities?

Variable: S4DSCRMNTNWK

Item Wording: Limited your work opportunities?

1=Yes

0=No

Applies to:

All second follow-up respondents.

Section D: Family and Community

Introduction to Section D

Question Wording: This next section covers topics related to your family [, friends, community involvement, and life experiences through the end of February 2016].

S4 D01

Question Wording: Do you have any brothers or sisters who [started college or trade school before you did/had started college or trade school by the end of February 2016]?

Variable: S4SIBCLG

1=Yes

0=No

Applies to:

All second follow-up respondents.

S4 D02

Question Wording: By the end of February 2016, how many of your **close friends** had started college or trade school?

Variable: S4FRNDSTARTCLG

1=All of them

2=More than half of them

3=About half of them

4=Less than half of them

5=None of them

Applies to:

All second follow-up respondents.

S4 D03

Question Wording: Think about just your close friends who had started college or trade school.

By the end of February 2016, how many of them had either taken time off once they started or left before completing a degree or certificate?

Variable: S4FRNDLEFTCLG

1=All of them

2=More than half of them

3=About half of them

4=Less than half of them

5=None of them

Applies to:

Second follow-up respondents with at least some close friends who had started college or trade school (i.e., S4FRNDSTARTCLG in (1, 2, 3, 4)).

S4 D04

Question Wording: What was your marital status in February 2016?

Variable: S4MARITALSTAT

1=Single and never married
2=Married
3=Separated
4=Divorced
5=Widowed
6=Living with a partner in a marriage-like relationship

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

S4 D05A-B

Question Wording: In what month and year were you married?

(If you have been married more than once, answer for your **first** marriage.)

Variable: S4MARRIAGEM

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4MARRIAGEY

Item Wording: Year:

2010=2010 or earlier

2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had ever been married (i.e., S4MARITALSTAT in (2, 3, 4, 5)).

S4 D06

Question Wording: Was your [spouse/partner] attending college or a trade school in February 2016?

Variable: S4SPSCLG

1=Yes
0=No

Applies to:

Second follow-up respondents who were married or living with a partner in a marriage-like relationship in February 2016 (i.e., S4MARITALSTAT in (2, 6)).

S4 D07

Question Wording: What type of degree or certificate was your [spouse/partner] working on in February 2016?

Variable: S4SPSDEGPGM

1=Bachelor's degree (usually a 4-year degree)
2=Associate's degree (usually a 2-year degree)
3=Certificate or diploma from a school that provides occupational training (usually takes 2 years or less to complete, often leading to a license, such as cosmetology)
4=Not working on a degree or certificate, but taking undergraduate classes
5=Graduate program or classes (for example, Master's or PhD)

Applies to:

Second follow-up respondents whose spouse/partner was in college or trade school in February 2016 (i.e., S4SPSCLG=1).

S4 D08

Question Wording: How far in school had your [spouse/partner] gone by the end of February 2016?

Variable: S4SPOUSEED

1=Less than high school completion
2=Complete high school diploma, GED, or other high school equivalency
3=Start certificate or diploma from a school that provides occupational training (usually takes 2

years or less to complete, often leading to a license, such as cosmetology), but not complete
 4=**Complete certificate or diploma from a school that provides occupational training** (usually takes 2 years or less to complete, often leading to a license, such as cosmetology)
 5=**Start associate's degree** (usually a 2-year degree), but not complete
 6=**Complete associate's degree** (usually a 2-year degree)
 7=**Start bachelor's degree** (usually a 4-year degree), but not complete
 8=**Complete bachelor's degree** (usually a 4-year degree)
 9=**Start master's degree**, but not complete
 10=**Complete master's degree**
 11=**Start Ph.D., M.D., law degree or other high level professional degree**, but not complete
 12=**Complete Ph.D., M.D., law degree, or other high level professional degree**
 99=**You don't know**

Applies to:

Second follow-up respondents who were married or living with a partner in a marriage-like relationship in February 2016 (i.e., S4MARITALSTAT in (2, 6)).

S4 D09

Question Wording: In February 2016, were you a parent or guardian of any children including biological children, children you had adopted, step-children, and foster children?

Variable: S4CHILDREN

1=Yes

0=No

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

D10A-C

Question Wording: How many children did you have (in February 2016)?

(Please enter '0' if none.)

Variable: S4BIOCHILDNUM

Item Wording: | Biological child(ren)

Variable: S4ADPTCHILDNUM

Item Wording: | Adopted child(ren)

Variable: S4STEPCHILDNUM

Item Wording: | Stepchild(ren)

Applies to:

All second follow-up respondents.

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4BIOCHILDNUM_I / S4ADPTCHILDNUM_I / S4STEPCHILDNUM_I on the public-use and/or restricted-use data files.

S4 D11A-B

Question Wording: In what month and year was your [child/first child/biological child/first biological child] born?

Variable: S4CHILDBORN

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4CHILDBORNY

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had at least one biological child in February 2016 (i.e., S4BIOCHILDNUM > 0).

S4 D12A-B

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

Variable: S4ADOPTM

Item Wording: Month:

1=January
2=February

3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4ADOPTY

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had at least one adopted child in February 2016 (i.e., S4ADPTCHILDNUM > 0).

S4 D13A-B

Question Wording: In what month and year did you [first]become a stepparent?

Variable: S4STEPPARM

Item Wording: Month:

1=January
2=February
3=March
4=April
5=May
6=June
7=July
8=August
9=September
10=October
11=November
12=December

Variable: S4STEPPARY

Item Wording: Year:

2010=2010 or earlier
2011=2011
2012=2012
2013=2013
2014=2014
2015=2015
2016=2016

Applies to:

Second follow-up respondents who had at least one stepchild in February 2016 (i.e., S4STEPCHILDNUM > 0).

S4 D14

Question Wording: How much of the time did [your child/your children] live with you in February 2016?

[(If [one/some] lived with you more often than [the other/others], answer for the [child/children] who lived with you most often.)]

Variable: S4LIVEKIDAMT

1=All of the time
2=More than half of the time
3=About half of the time
4=Less than half of the time
5=None of the time

Applies to:

Second follow-up respondents who were the parent or guardian of at least one child in February 2016 (i.e., X4CHILDNUM > 0).

Notes:

This variable is included in the abbreviated instrument.

S4 D15A-F

Question Wording: [Besides this child, with whom else/Besides these children, with whom else/With whom] did you live in February 2016?

(Please choose all that apply)

Variable: S4LIVEPARENT

Item Wording: One or more of your parents or guardians

Variable: S4LIVESPSPTNR

Item Wording: [Your spouse/Your partner/A girlfriend or boyfriend/A spouse, partner, girlfriend or boyfriend]

Variable: S4LIVECLGFRND

Item Wording: Friends or roommates who attend [Reference institution (see X4REFINST and S4IREFINST)]

Variable: S4LIVEOTHKIDS

Item Wording: Children[other than your own] (such as younger brothers or sisters, nieces, nephews)

Variable: S4LIVEOTHFRND

Item Wording: Other friends, roommates, or adult family members

Variable: S4LIVENONE

Item Wording: No one

Applies to:

S4LIVEPARENT, S4LIVESPSPTR, S4LIVEOTHKIDS, S4LIVEOTHFRND, and S4LIVENONE apply to all second follow-up respondents. S4LIVECLGFRND applies to second follow-up respondents who attended a reference institution (i.e., second follow-up respondents who have a record on the student-institution file where S4IREFINST = 1).

S4 D16

Question Wording: What was the 5-digit zip code where you were living in February 2016?

Variable: S4ZIP16FB

Item Wording: 5-digit ZIP code:

Variable: INPUT TO S4ZIP16FB

Item Wording: (Check here instead if this address is outside the United States)

Applies to:

All second follow-up respondents.

S4 D17

Question Wording: Did you regularly contribute to household expenses where you were living in February 2016, for example, by paying money towards the mortgage or rent, paying certain household bills, or buying things such as groceries?

Variable: S4CONTRIBUTE

1=Yes

0=No

Applies to:

Second follow-up respondents who live with one or more of their parent(s) or guardian(s) (i.e., S4LIVEPARENT=1).

S4 D18

Question Wording: How much (on average) was your monthly [rent or mortgage payment or contribution/ contribution to household expenses] in February 2016?

(Please indicate only the amount that you [and your spouse /and your partner]were responsible for paying. [If someone else paid your rent, room and board, or mortgage for you, please indicate "0."])

Variable: S4RENTAMT

Item Wording: \$|.00 per month (Please enter a whole number)

Applies to:

All second follow-up respondents, except those who (1) were living with their parents in February 2016 but did not contribute to household expenses (i.e. S4LIVEPARENT=1 and S4CONTRIBUTE=0), or (2) were living on campus or in college-owned housing in February 2016 (i.e. the student file variable S4ONCAMPUS=1, and the student has at least one record on the student-institution file where S4ICLG16FB=1).

S4 D19

Question Wording: The next set of questions is about your financial situation in calendar year 2015. An important part of this study is understanding how finances affect the decisions young people make about their education and employment.

What was your income for **calendar year 2015**, before taxes and deductions? (Calendar year 2015 includes January 1, 2015 through December 31, 2015. Include all income including work, investment income, and alimony. Do **not** include[your spouse's income, or][any grants or loans you may have used to pay for school, or] any money given to you by your family.)

Variable: S4INCOME

Item Wording: \$|.00 (Please enter a whole number)

Applies to:

All second follow-up respondents.

S4 D20

Question Wording: We understand that you may not be able to provide an exact number for your income.

However, it would be extremely helpful if you would indicate which of the following ranges best estimates your income for **calendar year 2015**, before taxes and deductions.

(Calendar year 2015 includes January 1, 2015 through December 31, 2015. Include all income including work, investment income, and alimony. Do **not** include[your spouse's income, or][any grants or loans you may have used to pay for school, or] any money given to you by your family.)

Variable: S4INCOMECAT

- 1=No income
- 2=\$1,000 or less
- 3=\$1,001-\$2,500
- 4=\$2,501-\$5,000
- 5=\$5,001-\$10,000
- 6=\$10,001-\$15,000
- 7=\$15,001-\$20,000
- 8=\$20,001-\$25,000
- 9=\$25,001-\$30,000
- 10=\$30,001-\$35,000
- 11=\$35,001-\$45,000
- 12=\$45,001-\$55,000
- 13=\$55,001-\$75,000
- 14=\$75,001 and above
- 15=Don't know

Applies to:

All second follow-up respondents.

Notes:

This variable is included in the abbreviated instrument.

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4INCOMECAT_I on the public-use and/or restricted-use data files.

S4 D21

Question Wording: What was your spouse's income for **calendar year 2015**, before taxes and deductions?

(Calendar year 2015 includes January 1, 2015 through December 31, 2015. Include all of your spouse's income including work, investment income, and alimony. Do not include any grants or loans your spouse may have used to pay for school, or any money given to your spouse by family.)

Variable: S4INCOMESPS

Item Wording: \$ |.00 (Please enter a whole number)

Variable: INPUT TO S4INCOMESPS

Item Wording: (Check here instead if you were not married to your spouse in 2015)

Applies to:

Second follow-up respondents who (1) were married as of February 2016 (i.e., S4MARITALSTAT=2), and (2) were married prior to 2016 (i.e., S4MARRIAGEY < 2016).

S4 D22

Question Wording: We understand that you may not be able to provide an exact number for your spouse's income.

However, it would be extremely helpful if you would indicate which of the following ranges best estimates your spouse's income for **calendar year 2015**, before taxes and deductions.

(Calendar year 2015 includes January 1, 2015 through December 31, 2015. Include all of your spouse's income including work, investment income, and alimony. Do not include any grants or loans your spouse may have used to pay for school, or any money given to your spouse by family.)

Variable: S4INCOMESPCAT

- 1=No income
- 2=\$1,000 or less
- 3=\$1,001-\$2,500
- 4=\$2,501-\$5,000
- 5=\$5,001-\$10,000
- 6=\$10,001-\$15,000
- 7=\$15,001-\$20,000
- 8=\$20,001-\$25,000
- 9=\$25,001-\$30,000
- 10=\$30,001-\$35,000
- 11=\$35,001-\$45,000

12=\$45,001-\$55,000
13=\$55,001-\$75,000
14=\$75,001 and above
15=Don't know

Variable: INPUT TO S4INCOMESPCAT

Item Wording: (Check here instead if you were not married to your spouse in 2015)

Applies to:

Second follow-up respondents who (1) were married as of February 2016 (i.e., S4MARITALSTAT=2), and (2) were married prior to 2016 (i.e., S4MARRIAGEY < 2016).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4INCOMESPCAT_I on the public-use and/or restricted-use data files.

S4 D23

Question Wording: Did [your child/any of your children] receive more than half of their financial support from you in calendar year 2015?

Variable: S4DEPCHILD

1=Yes
0=No

Applies to:

Second follow-up respondents who were the parent or guardian of at least one child in February 2016 (i.e., S4CHILDREN=1).

S4 D24

Question Wording: How many of your children received more than half of their financial support from you in calendar year 2015?

Variable: S4DEPCHILDNUM

Item Wording: | child(ren)

Applies to:

Second follow-up respondents with at least one dependent child (i.e., S4DEPCHILD=1).

Notes:

Some values have been logically inferred based on answers provided to other questions in the survey. In these cases, the respondent was not asked this question. For more information, see S4DEPCHILDNUM_I on the public-use and/or restricted-use data files.

S4 D25

Question Wording: [Other than your spouse, did anyone else/Other than your spouse and child, did anyone else/Other than your spouse and children, did anyone else/Other than your child, did anyone else/Other than your children, did anyone else/Did anyone] live with you and receive more than half of

their financial support from you **in calendar year 2015?**

Variable: S4DEPOTH

1=Yes

0=No

Applies to:

All second follow-up respondents.

S4 D26

Question Wording: [Other than your spouse, how/Other than your spouse and child, how/Other than your spouse and children, how/Other than your child, how/Other than your children, how/How] many others **lived with you and received more than half of their financial support from you** in calendar year 2015?

Variable: S4DEPOTHNUM

Item Wording: | other dependent(s)

Applies to:

Second follow-up respondents with dependents other than their spouse and/or child(ren) (i.e. , S4DEPOTH=1).

S4 D27

Question Wording: In calendar year 2015, did you [or anyone in your household/or anyone in your parents' household] receive any of the following benefits?

Supplemental Security Income (SSI)

SNAP (the Food Stamp Program)

TANF (the Temporary Assistance for Needy Families Program)

[If has dependent children]The Free and Reduced Price School Lunch Program

[If has dependent children]WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)

Variable: S4GOVTBEN

1=Yes

0=No

Applies to:

All second follow-up respondents.

Notes:

Respondents who were married or who had dependents (i.e., S4MARITALSTAT = 2 or (S4DEPCHILD = 1 and S4DEPCHILDNUM > 1) or (S4DEPOTH = 1 and S4DEPOTHNUM > 1) were asked about their own household. All other respondents were asked about their parents' household unless their parents were deceased. Respondents who were unmarried, had no dependents, and had no living parents were asked about their own receipt of benefits.

S4 D28A-E

Question Wording: In calendar year 2015, how regularly did your parents or guardians contribute to or pay for any of the following for you?

Variable: S4PARCHILDCR

Item Wording: Expenses for your [child/children] or provided childcare

Variable: S4PARHOUSING

Item Wording: Rent, room and board, or mortgage

Variable: S4PARHEALTH

Item Wording: Health care expenses such as insurance payments, medical, vision, or dental expenses, or prescription costs

Variable: S4PAREDFEE

Item Wording: Education expenses such as tuition, fees, or books

Variable: S4PARBILLS

Item Wording: Your monthly bills such as utilities, car payments, or credit card bills

1=Regularly

2=Occasionally

3=Never

Applies to:

S4PARHOUSING, S4PARHEALTH, and S4PARBILLS apply to all second follow-up respondents.

S4PARCHILDCR applies to second follow-up respondents who were the parent or guardian of at least one child in calendar year 2015 (i.e., $X4CHILDNUM > 0$ and $((S4BIOCHILDNUM > 0$ and $S4CHILDBORNY < 2016)$ or $(S4ADPTCHILDNUM > 0$ and $S4ADOPTY < 2016)$ or $(S4STEPCHILDNUM > 0$ and $S4STEPPARY < 2016)))$). S4PAREDFEE applies to second follow-up respondents who were enrolled in college or trade school during calendar year 2015 (S4ICLGSTART and S4ICLGEND are used to determine whether the respondent was enrolled in college or trade school during calendar year 2015).

S4 D29A-D

Question Wording: In calendar year 2015, did you ever...

Variable: S4EVERWRMNY

Item Wording: Worry about having enough money for regular expenses?

Variable: S4EVERCRDBAL

Item Wording: Owe an amount on your credit card bill that was carried over from a prior month?

Variable: S4EVERBRWMORE

Item Wording: Increase your borrowing or use of credit cards to pay expenses?

Variable: S4EVERWRKMORE

Item Wording: Increase the number of hours you work to pay for expenses?

1=Yes

0=No

Applies to:

All second follow-up respondents.

S4 D30

Question Wording: How much do you agree or disagree that you could have paid for an unexpected expense of \$500 in calendar year 2015?

Variable: S4EXPENSE500

1=Strongly agree
2=Agree
3=Disagree
4=Strongly disagree

Applies to:

All second follow-up respondents.

S4 D31

Question Wording: Now we have some questions about your community involvement.

In calendar year 2015, about how many hours per month (on average) did you volunteer or perform community service that was not required by [a college, trade school,] [an employer,] [or] the criminal justice system?

(Please enter 0 if you did not volunteer or perform any community service in 2015.)

Variable: S4HRSVOLUNTR

Item Wording:

| hour(s) per month (on average)

Applies to:

All second follow-up respondents.

S4 D32

Question Wording: Were you registered to vote **in February 2016**?

Variable: S4REGVOTE

1=Yes
2=No
3=You were not eligible to vote

Applies to:

All second follow-up respondents.

S4 D33

Question Wording: Were you born in...

Variable: S4USBORN

1=the United States
2=Puerto Rico or another U.S. territory, or
3=Another country?

Applies to:

Second follow-up respondents for whom country of birth is not available from previous data collections (i.e., second follow-up respondents for whom P1USBORN9 < 0 and P2USBORNT < 0).

S4 D34

Question Wording: Were you a U.S. citizen in February 2016?

Variable: S4CITIZEN

1=Yes, you were a U.S. citizen in February 2016
2=No, but you held a permanent resident card (Green Card), temporary resident's card, or a student visa
3=No, you were a non-U.S. citizen under other circumstances

Applies to:

Second follow-up respondents who, in either the second follow-up or in a previous data collection, indicated they were not born in the United States, Puerto Rico, or another U.S. territory (i.e., P1USBORN9 = 3 or P2USBORNT = 3 or S4USBORN=3).

S4 D35

Question Wording: These next few questions will help us better understand the experiences of young people of all sexual orientations and gender identities.

What sex were you assigned at birth (what the doctor put on your birth certificate)?

Variable: S4BIRTHSEX

1=Male
2=Female

Applies to:

All second follow-up respondents.

Notes:

Please note that this variable is different from S1SEX and S2SEX on which X1SEX and X2SEX are based. For S1SEX and S2SEX, the survey question was "Are you male or female?" When the interview was conducted over the telephone (i.e., Computer Assisted Telephone Interviewing) the interviewer was instructed to code a response without asking the question if the sample member's sex was 'known or

obvious.' The question wording for BIRTHSEX differs from S1SEX and S2SEX (as shown above) and was asked of all respondents regardless of mode of survey administration.

S4 D36A-F

Question Wording: What is your gender? Your gender is how you feel inside and can be the same or different than your biological or birth sex.

(Please choose all that apply)

Variable: S4MALE

Item Wording: Male

Variable: S4FEMALE

Item Wording: Female

Variable: S4TRANSMTF

Item Wording: Transgender, male-to-female

Variable: S4TRANSFTM

Item Wording: Transgender, female-to-male

Variable: S4OTHGENDER

Item Wording: Genderqueer or gender nonconforming, or some other gender

Variable: S4DKGENDER

Item Wording: You are not sure

Applies to:

All second follow-up respondents.

S4 D37_SELF

Question Wording: Do you think of yourself as:

Variable: INPUT TO S4ORIENTATION

1=Lesbian or gay, that is, homosexual

2=Straight, that is, heterosexual

3=Bisexual

4=Don't know, or

5=Another sexual orientation?

Applies to:

Second follow-up respondents who self-administered survey via Web.

Notes:

Data from this question are combined with data from S4 D37_INT in S4ORIENTATION.

S4 D37_INT

Question Wording: Now I will read a list of terms people sometimes use to describe how they think of themselves.

Lesbian or gay, that is, homosexual
Straight, that is, heterosexual
Bisexual
Don't know, or
Another sexual orientation

Question Wording: As I read the list again, please say 'Yes' when you hear the option that best describes how you think of yourself.

Variable: INPUT TO S4ORIENTATION

1=Lesbian or gay, that is, homosexual
2=Straight, that is, heterosexual
3=Bisexual
4=Don't know, or
5=Another sexual orientation?

Applies to:

Second follow-up respondents who responded via telephone or in person.

Notes:

Data from this question are combined with data from S4 D37_SELF in S4ORIENTATION.

S4 D38

Question Wording: These next few questions will help us better understand the educational and employment experiences of people with disabilities and special needs.

At any time before the end of February 2016, did you have serious difficulty concentrating, remembering, or making decisions?

Variable: S4DIFCONC

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 D39

Question Wording: Was that difficulty related to an emotional or mental health issue?

Variable: S4MHDISBL

1=Yes
0=No

Applies to:

Second follow-up respondents who indicated they had ever had a serious difficulty concentrating, remembering, or making decisions (i.e., S4DIFCONC=1).

S4 D40

Question Wording: At any time before the end of February 2016, did a health or education professional tell you that you had ADHD or ADD (Attention Deficit Hyperactivity Disorder or Attention Deficit Disorder)?

Variable: S4ADHD

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 D41

Question Wording: At any time before the end of February 2016, did you have a learning disability[, **not** including ADHD or ADD]?

Variable: S4LEARNDISBL

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 D42A-B

Question Wording: At any time before the end of February 2016, were you...

Variable: S4DEAF

Item Wording: deaf or did you have a serious difficulty hearing?

Variable: S4BLIND

Item Wording: blind or did you have serious difficulty seeing even when wearing glasses?

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 D43

Question Wording: At any time before the end of February 2016, did you have any other disability or special need?

Variable: S4OTHDISBL

1=Yes
0=No

Applies to:

All second follow-up respondents.

S4 D44

Question Wording: At any time before the end of [February 2016/date last attended reference institution (through February 2016)], did you inform [[[name of only college/trade school attended]/any college or trade school you attended since you [received your high school diploma/received your certificate of attendance or completion/last attended high school]]] that you have a disability or special need?

Variable: S4INFORMEDCLG

1=Yes
2=No, you did not have a disability or special need when you were attending [[[name of only college/trade school attended]/any college or trade school you attended]]
3=No, you did not inform [[[name of only college/trade school attended]/any college or trade school you attended]] of your disability or special need

Applies to:

Second follow-up respondents who (1) had attended a postsecondary institution, and (2) indicated having one or more disability (i.e., S4EVRATNDCLG = 1 and (S4DIFCONC=1 or S4ADHD=1 or S4LEARNDISBL=1 or S4DEAF=1 or S4BLIND=1 or S4OTHDISBL=1)).

S4 D45

Question Wording: At any time before the end of [February 2016/date last attended reference institution (through February 2016)], did you receive accommodations or services for [your disability or special need/either of your disabilities or special needs/any of your disabilities or special needs] from [[[name of only college/trade school attended]/any college or trade school you attended since you [received your high school diploma/received your certificate of attendance or completion/last attended high school]]], such as early registration, test taking accommodations, or counseling?

Variable: S4ACCOMODATION

1=Yes
0=No

Applies to:

Second follow-up respondents who informed their attended postsecondary institution of their disability or special need (i.e., S4INFORMEDCLG=1).

S4 D46A-D

Question Wording: The last questions in this section are about life experiences you may have had.

Between the time you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016, did any of the following happen to you?

Variable: S4PARDIVORCE

Item Wording: Your parents or guardians got divorced or separated

Variable: S4PARLOSTJOB

Item Wording: Your parent or guardian[, or your spouse] lost his or her job

Variable: S4LOSTJOB

Item Wording: You lost your job

1=Yes

0=No

Applies to:

All second follow-up respondents.

S4 D47A-D

Question Wording: (Continued)(Between the time you [received your high school diploma/received your certificate of attendance or completion/last attended high school] and February 2016, did any of the following happen to you?)

Variable: S4PARDIED

Item Wording: Your parent or guardian died

Variable: S4RELDIED

Item Wording: A close relative or friend died

Variable: S4ILLDIS

Item Wording: You became seriously ill or disabled

Variable: S4FAMILLDIS

Item Wording: A parent, guardian[, spouse], or sibling became seriously ill or disabled

1=Yes

0=No

Applies to:

All second follow-up respondents.

END

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