Appendix A
Technical Review Panel
2004/09 Beginning Postsecondary Students Longitudinal Study (BPS:04/09) Technical Review Panel

Technical Review Panel

Clifford Adelman  
Senior Associate  
The Institute for Higher Education Policy  
1320 19th Street, NW-Suite 400  
Washington, DC 20036  
Voice: (202) 861-8223  
Email: cadelman@ihep.org

Frank Balz  
Vice President for Research & Policy Analysis  
National Association of Independent Colleges & Universities  
1025 Connecticut Avenue, NW  
Suite 700  
Washington, DC 20036  
Voice: (202) 785-8866  
Email: frank@naicu.edu

Eric Bettinger  
Assistant Professor  
Case Western Reserve University  
Weatherhead School of Management, Department of Economics  
10900 Euclid Avenue  
Cleveland, OH 44106  
Voice: (216) 368-2184  
Email: Eric.Bettinger@case.edu

John Braxton  
Professor of Higher Education  
Vanderbilt University  
Department of Leadership, Policy & Organizations  
230 Appleton Place - 205C Payne Hall  
Nashville, TN 37235  
Voice: (615) 322-8021  
Email: john.braxton@vanderbilt.edu

Jack Buckley  
Professor of Applied Statistics and Applied Psychology  
New York University  
The Steinhardt School of Culture, Education, and Human Development  
82 Washington Square East  
New York, NY 10003  
Voice: (240) 481-9809  
Email: jack.buckley@gmail.com

Kevin Carey  
Research and Policy Manager  
Education Sector  
1201 Connecticut Avenue NW, Suite 850  
Washington, DC 20036  
Voice: (202) 552-2840  
Email: kcarey@educationsector.org

Jim Cole  
Assistant Research Scientist  
Center for Postsecondary Research  
1900 East Tenth Street  
Eigenmann Hall, Suite 419  
Bloomington, IN 47406-7512  
Voice: (812) 856-3004  
Email: colejs@indiana.edu

Stephen DesJardins  
Associate Professor, School of Education  
University of Michigan  
610 East University  
2108-D School of Education Building, 1259  
Ann Arbor, MI 48109  
Voice: (734) 647-1984  
Email: sdesj@umich.edu

Tammy Halligan  
Senior Compliance Specialist  
Career College Association  
10 G Street, NE  
Suite 750  
Washington, DC 20002-4213  
Voice: (202) 336-6839  
Email: tammyh@career.org
Appendix A. Technical Review Panel

Gigi Jones
Senior Research and Policy Analyst
National Association of Independent Colleges & Universities (NAICU)
1025 Connecticut Avenue, NW
Suite 700
Washington, DC 20036
Voice: (202) 785-8866
Email: gigi@naicu.edu

Jacqueline King
Director, Center for Policy Analysis
American Council on Education
One Dupont Circle, NW
Suite 800
Washington, DC 20036
Voice: (202) 939-9559
Email: jacqueline_king@ace.nche.edu

Alexander McCormick
NSSE Director
National Survey of Student Engagement
1900 East Tenth Street
Eigenmann Hall, Suite 419
Bloomington, IN 47406-7512
Voice: (812) 856-4435
Email: amcc@indiana.edu

Catherine Millett
Senior Research Scientist
Educational Testing Service
Policy Evaluation & Research Center
Rosedale Road, Mailstop 01-R
Princeton, NJ 08542
Voice: (609) 734-5866
Email: cmillett@ets.org

Laura Perna
Associate Professor
University of Pennsylvania
Graduate School of Education
3700 Walnut
Room 424
Philadelphia, PA 19104-6216
Voice: (215) 746-2522
Email: lperna@gse.upenn.edu

Kent Phillippe
Senior Research Associate
American Association of Community Colleges
One Dupont Circle, NW
Suite 410
Washington, DC 20036
Voice: (202) 728-0200
Email: kphillippe@aacc.nche.edu

Matthew Reed
Policy Analyst
The Institute for College Access and Success
1411 K Street, NW, Suite 1400
Washington, DC 20005
Voice: (510) 559-9509, Ext 312
Email: mreedi@icas.org

Pat Smith
Senior Research and Policy Analyst
American Association of State Colleges and Universities (AASCU)
1307 New York Avenue NW
Fifth Floor
Washington, DC 20005
Voice: (202) 293-7070
Email: smithp@aascu.org

Dawn Geronimo Terkla
Executive Director
Tufts University
Institutional Research
28 Sawyer Avenue
Medford, MA 02155
Voice: (617) 627-3274
Email: dawn.terkla@tufts.edu;
susan.storm@tufts.edu

Vincent Tinto
Distinguished Professor
Syracuse University
School of Education
350 Huntington Hall
Syracuse, NY 13244-2340
Voice: (315) 443-4763
Email: vtinto@syr.edu
Appendix A. Technical Review Panel

Marvin Titus  
University of Maryland  
EDHI  
Benjamin Bldg., 2220  
College Park, MD 20742  
Voice: (301) 405-2220  
Email: mtitus@umd.edu

US DEPARTMENT OF EDUCATION AND OTHER FEDERAL PANELISTS

Nabeel Alsalam  
Congressional Budget Office  
Ford House Office Building  
Room 423A  
Washington, DC 20515  
Voice: (202) 225-2639  
Email: nabeel@cbo.gov

David Bergeron  
Chief, Budget and Policy Development  
U.S. Dept of Education, Office of Postsecondary Education (OPE)  
1990 K St, NW  
Room 8022  
Washington, DC 20006-8540  
Voice: (202) 502-7815  
Email: david.bergeron@ed.gov

Sharon Boivin  
Senior Technical Advisor  
U.S. Department of Education, Office of Postsecondary Education (OPE)  
1990 K Street, NW  
Room 8101  
Washington, DC 20037  
Voice: (202) 502-7627  
Email: sharon.boivin@ed.gov

Daniel Goldenberg  
U.S. Department of Education, Office of the Deputy Secretary  
400 Maryland Avenue  
Room 5W308  
Washington, DC 20202  
Voice: (202) 401-3562  
Email: daniel.goldenberg@ed.gov

James Griffith  
Postsecondary Longitudinal and Sample Survey Studies-Postsecondary Studies Division  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8103  
Washington, DC 20006  
Voice: (202) 502-7387  
Email: James.Griffith@ed.gov

Lisa Hudson  
U.S. Department of Education, NCES  
1990 K Street, NW  
Suite 900  
Washington, DC 20006  
Voice: (202) 502-7358  
Email: lisa.hudson@ed.gov

Tracy Hunt-White  
BPS Project Officer  
U.S. Department of Education, NCES  
1990 K St., NW  
Room 8121  
Washington, DC 20006  
Voice: (202) 502-7438  
Email: tracy.hunt-white@ed.gov

Roslyn Korb  
Program Director  
Postsecondary Coop System Analysis & Dissemination - PSD  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8132  
Washington, DC 20006-5652  
Voice: (202) 502-7378  
Email: roslyn.korb@ed.gov

Nancy Leach  
Program Director, Human Resources Statistics  
National Science Foundation  
4201 Wilson Boulevard, Suite 965  
Division of Science Resources Statistics  
Arlington, VA 22230  
Voice: (703) 292-7768  
Email: nleach@nsf.gov
Laura LoGerfo  
HSLS:09 Project Officer  
U.S. Department of Education, NCES  
1990 K Street NW  
Room 9022  
Washington, DC  20006  
Voice: (202) 502-7402  
Email: Laura.LoGerfo@ed.gov

Rochelle Martinez  
Office of Management and Budget  
725 17th Street NW, Room 10202 NEOB  
Washington, DC  20503  
Voice: (202) 395-3147  
Email: Rochelle_W._Martinez@omb.eop.gov

Elise Miller  
IPEDS Program Director  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8113A  
Washington, DC  20006  
Voice: (202) 502-7318  
Email: Elise.Miller@ed.gov

Kristin Perry  
Statistician  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8113A  
Washington, DC  20006  
Voice: (202) 502-7428  
Email: kristin.perry@ed.gov

Marilyn Seastrom  
Chief Statistician and Program Director  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 9051  
Washington, DC  20006  
Voice: (202) 502-7303  
Email: marilyn.seastrom@ed.gov

Jessica Shedd  
IPEDS Enrollment Survey Director  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8116  
Washington, DC  20006  
Voice: (202) 502-7446  
Email: jessica.shedd@ed.gov

David Smole  
Specialist in Education Policy  
Congressional Research Service  
101 Independence Ave., SE  
Washington, DC  20540-7440  
Voice: (202) 707-0624  
Email: dsmole@crs.loc.gov

Ted Socha  
B&B Project Officer  
U.S. Department of Education, NCES  
1990 K Street, NW  
Room 8130  
Washington, DC  20006  
Voice: (202) 502-7383  
Email: Ted.Socha@ed.gov

Tom Weko  
Associate Commissioner, Postsecondary Studies Division  
U.S. Department of Education, NCES  
1990 K St. NW  
Room 8099  
Washington, DC  20006  
Voice: (202) 502-7643  
Email: tom.weko@ed.gov

Andrew White  
Special Assistant to the Commissioner, NCES  
U.S. Department of Education, NCES  
1990 K Street, NW, Rm. 9105  
Washington, DC  20006  
Voice: (202) 502-7472  
Email: andrew.white@ed.gov
Appendix A. Technical Review Panel

John Wirt
Statistician
Annual Reports Program-ECICSD
U.S. Department of Education, NCES
1990 K Street, NW
Room 9028
Washington, DC 20006
Voice: (202) 502-7478
Email: john.wirt@ed.gov

Linda Zimbler
NSOPF Project Officer
U.S. Department of Education, NCES
1990 K Street NW
Room 8123
Washington, DC 20006-5652
Voice: (202) 502-7481
Email: linda.zimbler@ed.gov

SUBCONTRACTORS

**MPR Associates, Inc.**

Lutz Berkner
Senior Research Associate
MPR Associates, Inc.
2150 Shattuck Avenue, Suite 800
Berkeley, CA 94704
Voice: (510) 849-4942
Email: lberkner@mprinc.com

Susan Choy
President
MPR Associates, Inc.
2150 Shattuck Avenue, Suite 800
Berkeley, CA 94704
Voice: (510) 849-4942
Email: schoy@mprinc.com

Laura Horn
Director, Statistical Analysis and Data Design
MPR Associates, Inc.
2150 Shattuck Avenue, Suite 800
Berkeley, CA 94704
Voice: (510) 849-4942
Email: lhorn@mprinc.com

Alexandria Radford
Research Associate
MPR Associates, Inc.
2150 Shattuck Avenue, Suite 800
Berkeley, CA 94704
Voice: (510) 849-4942
Email: aradford@mprinc.com

**RTI INTERNATIONAL**

Janet Austin
Project Administration Specialist
RTI International
P.O. Box 12194
3040 Cornwallis Road
Research Triangle Park, NC 27709
Voice: (919) 541-7101
Email: jra@rti.org

Melissa Cominole
Research Education Analyst
RTI International
P.O. Box 12194
3040 Cornwallis Road
Research Triangle Park, NC 27709
Voice: (919) 990-8456
Email: mcominole@rti.org

Jeffrey Franklin
Manager, Postsecondary Data Collection
RTI International
P.O. Box 12194
3040 Cornwallis Road
Research Triangle Park, NC 27709
Voice: (919) 485-2614
Email: jwf@rti.org

Natasha Janson
Research Education Analyst
RTI International
P.O. Box 12194
3040 Cornwallis Road
Research Triangle Park, NC 27709
Voice: (919) 316-3394
Email: njanson@rti.org
Appendix B

Data Elements
Data Elements

A. Current enrollment or completion status (at time of interview)
   1. Still enrolled as undergraduate
      a. Enrolled at NPSAS or last reported institution
      b. Enrolled at another institution
   2. Not currently enrolled as undergraduate
      a. Enrolled anywhere since July 2005
         • Completed a program since July 2005
            – Type of certificate/degree earned
            – Date awarded (MMYYYY)
            – Institution that awarded degree
         • Did not complete a program
            – Last institution attended
            – Date last enrolled (MMYYYY)
            – Reasons for leaving
            – Primary reason for leaving
      b. Not enrolled anywhere since July 2005 [skip sections B and C below]

B. Undergraduate enrollment history since July 2005
   1. Enrollment in 2005–06
      a. Enrolled at last school reported for 2004–05 (yes/no)
         • Months enrolled
         • Primarily full time or part time
      b. Enrolled at another school in 2005–06 (yes/no)
         • Name of institution and location (online coding of type)
         • Months enrolled
         • Primarily full time or part time
         • Transfer credits attempted/accepted
         • Reasons for enrolling here
   2. Enrollment in 2006–07
      a. Enrolled at last school reported for 2005–06 (yes/no)
         • Months enrolled
         • Primarily full time or part time
      b. Enrolled at another school in 2006–07 (yes/no)
         • Name of institution and location (online coding of type)
         • Months enrolled
         • Primarily full time or part time
         • Transfer credits attempted/accepted
         • Reasons for enrolling here
   3. Enrollment in 2007–08
      a. Enrolled at last school reported for 2006–07 (yes/no)
         • Months enrolled
         • Primarily full time or part time
      b. Enrolled at another school in 2006–07 (yes/no)
         • Name of institution and location (online coding of type)
         • Months enrolled
         • Primarily full time or part time
         • Transfer credits attempted/accepted
         • Reasons for enrolling here
C. Characteristics of current or last undergraduate enrollment since July 2005

1. Educational program characteristics
   a. Degree plans (certificate, associate’s, bachelor’s, none)
   b. Major /double major
      Changes in major
   c. Class level
   d. GPA
   e. Academic performance
      • Ever withdraw from courses after add/drop period
      • Ever get incomplete grades
      • Ever retake a course to raise grades
      • Ever been on academic probation
   f. Distance education courses
      • Earn any credits toward degree through distance education
      • Entire program through distance education
      • Any credits earned at other institutions

2. Residence, work and financial support
   a. Type of residence (on campus/off campus/with parents)
   b. Distance of school from home
   c. Working while enrolled (most current job)
      • Primary role: student or employee?
      • Participation in work study, internship, co-op
      • On/off campus job
      • Distance from school to work/ travel time
      • Number of days per week worked
      • Number of hours per week worked
      • Hourly/weekly earnings
      • Relationship of job to studies
      • Importance of job earnings in financing education
      • Main reason for working
   d. Financial support from parents (respondents under 30)
      • none
      • pay for tuition
      • pay for food or housing
      • provide money for other expenses

D. Financial aid and undergraduate student loan debt

1. Pell and SMART grants
   a. Received a Pell grant since July 2005
   b. Awareness of SMART grant requirements [skip if no Pell]
   c. Received SMART grants/ number of years
   d. Reason for only one SMART grant [skip if two]
   e. Change in major to qualify for SMART grant

2. Student loan debt
   a. Total amount borrowed in student loans (all undergraduate years)
   b. Total amount still owed
   c. Types of loans (federal, private, other)
   d. Reason for private loans if no other
   e. Currently repaying loans [if yes]
      • Amount of monthly payment
      • Are parents helping to repay loans? (respondents under 30)
      • [if no] Reasons not repaying (paid off/not required/deferred)
   f. Consider student loan debt a worthwhile investment (very much/somewhat/not at all)
   g. Student loan debt influence enrollment/career decisions
      If yes, how?
Appendix B. Data Elements

D. Financial aid and undergraduate student loan debt—continued

3. Supplementary data from outside sources:
   a. Financial aid application data (from CPS)
   b. Annual and cumulative federal student loan amounts (from NSLDS)
   c. Annual Pell grant amounts (from NSLDS)
   d. Annual Academic Competitiveness Grant (ACG) and SMART grant amounts (from NSLDS)
   e. Annual full-time tuition and student budgets (from IPEDS)

E. Post-Bachelor/Graduate Education (BA recipients only)

1. Type of post-BA enrollment
   a. Graduate degree program or post-BA certification
      • Type of degree or certification
      • Full time or part time
      • Date began (MMYYYY)
   b. Taking courses for credit, but not in a degree program
   c. Non-credit or continuing education courses

2. Post-BA financial aid
   a. Employer tuition reimbursement
   b. Assistantships
   c. Fellowships or scholarships
   d. Loans

F. Employment – Respondents who are not currently enrolled

1. Currently employed (yes/no)
2. [if yes] Description of relationship to job
   a. Searching for a career
   b. Starting a career
   c. Continuing in a career
   d. Advancing in a career
   e. In a temporary job
3. Current job characteristics (if employed)
   a. Number of hours worked per week
   b. Wages/salary
   c. Occupation and industry (online coding)
   d. Type of employer
   e. Held position or similar job
      • while enrolled
      • before enrolled
      • number of years in this or similar job
   f. Related to coursework/major (closely/somewhat/not)
   g. Related to career goals (closely/somewhat/not)
   h. Degree, certificate, or license required
   i. Was this first job after leaving school?
   j. Did school helped with job placement?
   k. Use of skills/equipment/software/technology (often/sometimes/never)
   l. Difficulty of doing job without courses taken (very/somewhat/not)
   m. Did education help advance in career? (great deal/somewhat/not)
   n. Did education prepare you to do a more demanding job? (yes/no)
4. Responsibilities (yes/no)
   a. Supervise work of others
   b. Participate in hiring/firing
   c. Participate in setting salaries
5. Satisfaction with aspects of the job (yes/no)
   a. Pay
   b. Fringe benefits
   c. Challenge of work
   d. Opportunities for promotion
   e. Opportunities to use training/education
   f. Job security
   g. Opportunities for further training/education
   h. Overall satisfaction
Appendix B. Data Elements

F. Employment – Respondents who are not currently enrolled—Continued

6. Licenses and certification held
7. Unemployment spells of more than 3 months since end of enrollment
   a. If yes, how many times
   b. Longest period of unemployment
8. If not currently employed:
   a. Looking for a job
   b. Receiving unemployment insurance
   c. Date last employed after leaving school

G. Current demographics

1. Household composition (live alone/spouse or partner/parents or in-laws/siblings/other relatives/roommate)
2. Respondent’s current marital status (single, never married/married/separated/divorced/widowed)
3. Respondents under 30:
   a. Parent’s marital status
   b. Estimated parental income
4. Number of dependent children
   a. Age of youngest and oldest child
5. Annual income
   a. Own earnings
   b. Spouse’s earnings
   c. Income from other sources
      • TANF
      • Social security
      • Disability or worker’s compensation
      • Food stamps
      • Child support
6. Spouse’s level of education
7. Spouse currently enrolled in school (full time/part time)
8. Amount of spouse’s student loans
   a. Spouse’s monthly repayment amount
9. Monthly payments
   a. Rent or mortgage
   b. Auto loan or lease
10. Number of credit cards
    a. Usually payoff or carry balance
    b. Current outstanding balance on credit cards

H. Civic participation

1. Current citizenship
2. Voting (if citizen)
   a. Registered to vote
   b. Voted in the last presidential (general) election
3. Volunteering
   a. Voluntary activities in last 12 months
   b. Type of activities
   c. Hours per month
   d. Reasons for participating
   e. Benefits of volunteering

I. Disabilities (BPS:96/01 items)

1. Do you have any long-lasting physical or mental condition that substantially limits one or more of your major life activities?
2. Specify the condition that substantially limits physical activities
J. Personal goals and assessment of education

1. Highest level of education ever expected
2. Plans to pursue a teaching career
3. Importance of the following
   a. Being a community leader
   b. Being financially well-off
   c. Having children
   d. Influencing political structure
   e. Leisure time
   f. Living close to relatives
   g. Moving away from hometown
   h. Steady work
4. Would make the same choices in institution and course of study again (yes/maybe/no/don’t know)
5. Were benefits of education in terms of work and pay worth the cost and time spent on your education (very much/somewhat/not at all/don’t know)
Appendix C
Facismilie of Field Test Instrument

Section B: Enrollment History ................................................................. C-3
Section C: Enrollment Characteristics ............................................... C-12
Section D: Employment ................................................................. C-48
Section E: Background ................................................................. C-74
Appendix C. Facsimile of Field Test Instrument

The BPS:04/09 instrument maintained consistent section headings with the BPS:04/06 instrument. Section A in the BPS:04/06 instrument was the eligibility section and was not necessary for this field test therefore was not included in the BPS:04/09 instrument.

Section B: Enrollment History

MBANY
*Enrolled at any school since July 2005*
To begin, we would like to collect information on your enrollment since July 1, 2005. Have you enrolled at any school since July 1, 2005?

0 = No
1 = Yes

*Applies to: All respondents.*
Sources: BPS:04/09 field test student interview

MBCHECK
*Expect to enroll at any school before July 2008*
Do you expect to enroll for classes or in a degree/certificate program at any school before July 1, 2008?

0 = No
1 = Yes

*Applies to: Respondents who had not been enrolled at any school between July 2005 and the time of the interview.*
Sources: BPS:04/09 field test student interview

MBSCH01
*School 1: name*

[if MBCHECK = 1]
What is the name of the school at which you plan to enroll before July 1, 2008?

[else]
What is the name of the school at which you were most recently enrolled between July 1, 2005 and June 30, 2008?

*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview

MBIPED01
*School 1: IPEDS ID*

[if MBCHECK = 1]
What is the name of the school at which you plan to enroll before July 1, 2008?

[else]
What is the name of the school at which you were most recently enrolled between July 1, 2005 and June 30, 2008?

*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview

MBCT01
*School 1: city*

[if MBCHECK = 1]
What is the name of the school at which you plan to enroll before July 1, 2008?

[else]
What is the name of the school at which you were most recently enrolled between July 1, 2005 and June 30, 2008?

*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MBLEV101**
School 1: level
[if MBCHECK = 1]
What is the name of the school at which you plan to enroll before July 1, 2008?
[else]
What is the name of the school at which you were most recently enrolled between July 1, 2005 and June 30, 2008?
1 = 4-year
2 = 2-year
3 = Less-than-2-year
*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview

**MBCTRL01**
School 1: control
[if MBCHECK = 1]
What is the name of the school at which you plan to enroll before July 1, 2008?
[else]
What is the name of the school at which you were most recently enrolled between July 1, 2005 and June 30, 2008?
1 = Public
2 = Private not-for-profit
3 = Private for-profit
*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview

**MBCREN01**
School 1: current enrollment
Are you currently enrolled at [MBSCH01]?
If you are on break for the summer, but will be returning in the fall, please answer, "Yes."
0 = No
1 = Yes
*Applies to: Respondents who were enrolled between July 2005 and the time of the interview.*
Sources: BPS:04/09 field test student interview

**MBETYP01**
School 1: enrollment type
[if MBCHECK = 1]
At [MBSCH01], will you be primarily enrolled to earn a degree or certificate, or will you just be taking classes?
[else if TLCREN01 = 1]
At [MBSCH01], are you primarily enrolled to earn a degree or certificate, or are you just taking classes?
[else]
At [MBSCH01], were you primarily enrolled to earn a degree or certificate, or were you just taking classes?
1 = Enrolled in a degree or certificate program
2 = Taking classes for credit but not enrolled in a degree or certificate program
3 = Taking classes for recreation or personal enrichment
*Applies to: Respondents who were enrolled between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview

**MBCLST01**
School 1: undergraduate or graduate level classes
[if MBCHECK = 1]
Will you be mainly taking undergraduate or graduate level classes at [MBSCH01]?
[else if TLCREN01 = 1]
Are you mainly taking undergraduate or graduate level classes at [MBSCH01]?
[else]
Were you mainly taking undergraduate or graduate level classes at [MBSCH01]?
1 = Mainly undergraduate
2 = Mainly graduate
3 = Equal mix of undergraduate and graduate
*Applies to: Respondents who were enrolled only for classes between July 2005 and June 2008.*
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MBDEG01
School 1: type of degree or certificate
[if TLADEG01 ne 1 and MBCHECK = 1]
What degree or certificate do you expect from [MBSCH01]? [If you expect to receive multiple degrees/certificates that will not be awarded at the same time, please tell us about only one of the them now. You will have an opportunity to tell us about other degrees and certificates later.]
[else if TLADEG01 ne 1 and TLCREN01 = 1]
What degree or certificate do you expect from [MBSCH01]? [If you expect to receive multiple degrees/certificates that will not be awarded at the same time, please tell us about only one of the them now. You will have an opportunity to tell us about other degrees and certificates later.]
[else if TLADEG01 ne 1]
What degree or certificate did you earn or expect to earn from [MBSCH01]? [If you were working on multiple degrees/certificates that were not awarded at the same time, please tell us about only one of the them now. You will have an opportunity to tell us about other degrees and certificates later.]
[else]
What degree or certificate did you earn or expect to earn from [MBSCH01]?
2 = Undergraduate certificate or diploma
   (occupational or technical program)
3 = Associate’s degree
4 = Bachelor’s degree--4 year program
5 = Bachelor’s degree--5 year program
6 = Post baccalaureate certificate
8 = Master’s degree
9 = Post master’s certificate
10 = Professional degree
11 = Doctoral degree
12 = Earned or expect to earn more than one degree at the same time from [MBSCH01]
Applies to: Respondents who were enrolled in a degree program between July 2005 and June 2008. Sources: BPS:04/09 field test student interview

MBCMB01
School 1 combined degrees: associate’s degree
[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?
[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Associate’s degree
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01]. Sources: BPS:04/09 field test student interview

MBCMC01
School 1 combined degrees: 4-year bachelor’s degree
[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?
[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Bachelor’s degree--4 year program
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01]. Sources: BPS:04/09 field test student interview

MBCMD01
School 1 combined degrees: 5-year bachelor’s degree
[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?
[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Bachelor’s degree--5 year program
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01]. Sources: BPS:04/09 field test student interview
**MBCME01**

School 1 combined degrees: post-baccalaureate certificate

[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?

[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Post baccalaureate certificate

0 = No
1 = Yes

*Applies to:* Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01].

*Sources:* BPS:04/09 field test student interview

---

**MBCMF01**

School 1 combined degrees: master’s degree

[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?

[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Master’s degree

0 = No
1 = Yes

*Applies to:* Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01].

*Sources:* BPS:04/09 field test student interview

---

**MBCMG01**

School 1 combined degrees: post-master’s certificate or diploma

[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?

[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Post master’s certificate

0 = No
1 = Yes

*Applies to:* Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01].

*Sources:* BPS:04/09 field test student interview

---

**MBCMH01**

School 1 combined degrees: professional degree

[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?

[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Professional degree (only includes the following programs: chiropractic, dentistry, law, medicine, optometry, osteopathic medicine, pharmacy, podiatry, divinity, theology, or veterinary medicine)

0 = No
1 = Yes

*Applies to:* Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01].

*Sources:* BPS:04/09 field test student interview

---

**MBCMI01**

School 1 combined degrees: doctoral degree

[if TLCREN01 = 1 or MBCHECK = 1]
What degrees do you expect to earn at the same time from [MBSCH01]?

[else]
What degrees did you earn or expect to earn at the same time from [MBSCH01]?
Doctoral degree

0 = No
1 = Yes

*Applies to:* Respondents who were enrolled between July 2005 and June 2008 and earned or expected to earn multiple degrees at the same time from [MBSCH01].

*Sources:* BPS:04/09 field test student interview
MBEN501
School 1: enrollment intensity in 2005
[if MBETYP01 = 1 and MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your [TLDEG01], will you be mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1 and TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your [TLDEG01], have you been mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1]
For the period of time you were enrolled at [MBSC01] for your [TLDEG01], were you mainly a full-time or part-time student, or an equal mix of both?
[else if MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your classes, will you be mainly a full-time or part-time student, or an equal mix of both?
[else if TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your classes, have you been mainly a full-time or part-time student, or an equal mix of both?
[else]
For the period of time you were enrolled at [MBSC01] for your classes, were you mainly a full-time or part-time student, or an equal mix of both?
2005
1 = Full-time
2 = Part-time
3 = Equal mix of full-time and part-time
Applies to: Respondents who were enrolled between July 2005 and June 2008 and indicated enrollment for 2005.
Sources: BPS:04/09 field test student interview

MBEN601
School 1: enrollment intensity in 2006
[if MBETYP01 = 1 and MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your [TLDEG01], will you be mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1 and TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your [TLDEG01], have you been mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1]
For the period of time you were enrolled at [MBSC01] for your [TLDEG01], were you mainly a full-time or part-time student, or an equal mix of both?
[else if MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your classes, will you be mainly a full-time or part-time student, or an equal mix of both?
[else if TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your classes, have you been mainly a full-time or part-time student, or an equal mix of both?
[else]
For the period of time you were enrolled at [MBSC01] for your classes, were you mainly a full-time or part-time student, or an equal mix of both?
2006
1 = Full-time
2 = Part-time
3 = Equal mix of full-time and part-time
Applies to: Respondents who were enrolled between July 2005 and June 2008 and indicated enrollment for 2006.
Sources: BPS:04/09 field test student interview

MBEN701
School 1: enrollment intensity in 2007
[if MBETYP01 = 1 and MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your [TLDEG01], will you be mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1 and TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your [TLDEG01], have you been mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1]
For the period of time you were enrolled at [MBSC01] for your [TLDEG01], were you mainly a full-time or part-time student, or an equal mix of both?
[else if MBCHECK = 1]
For the period of time you will be enrolled at [MBSC01] for your classes, will you be mainly a full-time or part-time student, or an equal mix of both?
[else if TLCREN01 = 1]
For the period of time you have been enrolled at [MBSC01] for your classes, have you been mainly a full-time or part-time student, or an equal mix of both?
[else]
For the period of time you were enrolled at [MBSC01] for your classes, were you mainly a full-time or part-time student, or an equal mix of both?
2007
1 = Full-time
2 = Part-time
3 = Equal mix of full-time and part-time
Applies to: Respondents who were enrolled between July 2005 and June 2008 and indicated enrollment for 2007.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MBEN801
School 1: enrollment intensity in 2008
[if MBETYP01 = 1 and MBCHECK = 1]
For the period of time you will be enrolled at [MBSCH01] for your [TLDEG01], will you be mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1 and TLCREN01 = 1]
For the period of time you have been enrolled at [MBSCH01] for your [TLDEG01], have you been mainly a full-time or part-time student, or an equal mix of both?
[else if MBETYP01 = 1]
For the period of time you were enrolled at [MBSCH01] for your [TLDEG01], were you mainly a full-time or part-time student, or an equal mix of both?
[else if MBCHECK = 1]
For the period of time you will be enrolled at [MBSCH01] for your classes, will you be mainly a full-time or part-time student, or an equal mix of both?
[else if TLCREN01 = 1]
For the period of time you have been enrolled at [MBSCH01] for your classes, have you been mainly a full-time or part-time student, or an equal mix of both?
[else]
For the period of time you were enrolled at [MBSCH01] for your classes, were you mainly a full-time or part-time student, or an equal mix of both?
2008
1 = Full-time
2 = Part-time
3 = Equal mix of full-time and part-time
Applies to: Respondents who were enrolled between July 2005 and June 2008 and indicated enrollment for 2008.
Sources: BPS:04/09 field test student interview

MBERN01
School 1: earned degree or certificate
Have you completed your program of study and received your [TLDEG01] from [MBSCH01]?
0 = No, I have not completed my [TLDEG01]
1 = Yes, I completed my [TLDEG01]
Applies to: Respondents who were enrolled between July 2005 and June 2008 and indicated enrollment for 2008.
Sources: BPS:04/09 field test student interview

MBDEM01
Month degree will be awarded from school 1
In what month before July 2008 do you expect to earn your [TLDEG01] from [MBSCH01]?
1 = March
2 = April
3 = May
4 = June
Applies to: Respondents who were enrolled in a degree program between July 2005 and June 2008 and expected to complete their degree before July 2008.
Sources: BPS:04/09 field test student interview

MBDGMY01
Date degree awarded from school 1
In what month and year was your [TLDEG01] awarded by [MBSCH01]?
Applies to: Respondents who completed a degree program between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MBTNS01
Attempt to transfer credits from another institution to school 1
Did you attempt to transfer any credits to [MBSCH01] from another college or university for your [TLDEG01]?
0 = No
1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBTRNC01
Transfer credits accepted by school 1 from another institution
Were all, some, or none of those credits accepted?
0 = None
1 = Some
2 = All
Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and attempted to transfer credits.
Sources: BPS:04/09 field test student interview

MBEXP01
Expect to receive degree or certificate from school 1 before July 2008
Do you expect to receive your [TLDEG01] from [MBSCH01] before July 2008?
0 = No, I do not expect to earn my [TLDEG01] before July 2008
1 = Yes, I expect to earn my [TLDEG01] before July 2008
Applies to: Respondents who were enrolled in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview
MBRNA01
Reason for attending school 1: earn a degree or certificate
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Earn a degree or certificate
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBRNB01
Reason for attending school 1: prepare for transfer
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Prepare for transfer to a 4-year school
0 = No
1 = Yes
Applies to: Respondents who were enrolled at a 2-year or less-than-2-year school as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBRNC01
Reason for attending school 1: earn credits
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Enter course credits needed for a program at a different school
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBRND01
Reason for attending school 1: gain job skills
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Gain job or occupational skills
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBRNE01
Reason for attending school 1: self-improvement
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Take courses for recreation, self-improvement or personal interest
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBRNF01
Reason for attending school 1: courses for graduate school
[if MBETYP01 ne 1]
Which of the following, if any, would you consider to be your main reason(s) for choosing to enroll at [MBSCH01] for classes?
[else]
Which of the following, if any, would you consider to be your main reason(s) for choosing to attend [MBSCH01] for your [TLDEG01]?
Take courses in preparation for graduate school
0 = No
1 = Yes
Applies to: Respondents who were enrolled at a 4-year school as an undergraduate between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MBERN201
Enrolled at school 1 for other degree, certificate, or coursework
[if MBETYP01 = 1]
Since July of 2005, have you earned or been enrolled at [MBSCH01] for any other degrees/certificates or been enrolled there for coursework not related to your [TLDEG01]?
[else]
Since July of 2005, did you earn or were you enrolled at [MBSCH01] for any other degrees/certificates or been enrolled there for coursework not related to these classes?
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBPLAN01
School 1: enrollment plans for the 2008-2009 school year
Do you plan to enroll at [MBSCH01] at any time during the 2008-2009 school year (July 1, 2008 to June 30, 2009)?
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MBCMP01
Completed at least 2 courses at school 1
Before leaving [MBSCH01], had you completed at least two courses with a passing grade?
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Recode note: If MBETYP01 = 1 and (MBERN01 = 1 or MBEXP01 = 1) then MBCMP01 = 1
Sources: BPS:04/09 field test student interview

MBLVA01
Left school 1: academic problems
Why did you decide to leave [MBSCH01]?
Academic problems
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVB01
Left school 1: class unavailable/schedule inconvenient
Why did you decide to leave [MBSCH01]?
Classes not available or scheduling not convenient
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVC01
Left school 1: dissatisfied with program/school/faculty
Why did you decide to leave [MBSCH01]?
Dissatisfaction with program, school, campus, or faculty
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVD01
Left school 1: financial reasons
Why did you decide to leave [MBSCH01]?
Financial reasons
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVE01
Left school 1: family responsibilities
Why did you decide to leave [MBSCH01]?
Family responsibilities
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MBLVF01
Left school 1: personal reasons
Why did you decide to leave [MBSCH01]?
Personal reasons
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVG01
Left school 1: finished taking desired classes
Why did you decide to leave [MBSCH01]?
Finished taking desired classes
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVH01
Left school 1: called for military service
Why did you decide to leave [MBSCH01]?
Called for military service
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVJ01
Left school 1: involuntary withdrawal or suspension
Why did you decide to leave [MBSCH01]?
Involuntary withdrawal or suspension
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVK01
Left school 1: other reasons
Why did you decide to leave [MBSCH01]?
Other reason not listed
0 = No
1 = Yes
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year.
Sources: BPS:04/09 field test student interview

MBLVX01
Left school 1: other specify
Why did you decide to leave [MBSCH01]?
Please specify:
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year, and indicated other.
Sources: BPS:04/09 field test student interview

MBLVS01
Left school 1: other specify
Why did you decide to leave [MBSCH01]?
Please specify:
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, and were not currently enrolled nor had plans to enroll for the 2008-2009 school year, and indicated other.
Sources: BPS:04/09 field test student interview

MBMNL01
Left school 1: main reason
What was your main reason for leaving [MBSCH01]?
1 = Academic problems
2 = Classes not available or scheduling not convenient
3 = Dissatisfaction with program, school, campus, or faculty
4 = Financial reasons
5 = Family responsibilities
6 = Personal reasons
7 = Finished taking desired classes
8 = Called for military service
9 = Involuntary withdrawal or suspension
10 = Another reason not listed
Applies to: Respondents who were enrolled in a degree program between July 2005 and the time of the interview, had not completed nor expected to complete their degree before July 2008, were not currently enrolled nor had plans to enroll for the 2008-2009 school year, and chose more than one reason for leaving [MBSCH01], but did not choose involuntary withdrawal/suspension.
Sources: BPS:04/09 field test student interview

MBENR01
Enrollment at school 2
Have you enrolled at any other schools besides [MBSCH01] since July 1, 2005?
0 = No
1 = Yes
Applies to: Respondents who were enrolled between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview
Section C: Enrollment Characteristics

MCCLSBA
Type of class: radio: business
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Business
  0 = No
  1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBB
Type of class: radio: health
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Health
  0 = No
  1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBC
Type of class: radio: education
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Education (teacher training)
  0 = No
  1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
MCCLSBF
Type of class: radio: social sciences
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Social Sciences
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBG
Type of class: radio: natural sciences and mathematics
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Natural Sciences and Mathematics
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBH
Type of class: radio: arts and humanities
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Arts and Humanities
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBJ
Type of class: radio: vocational programs
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Vocational Programs
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBK
Type of class: radio: university transfer
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
University Transfer
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
MCCLSBL
Type of class: radio: general education
[if TCURENUG = 0]
What subject areas were you taking classes in when you
were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at
[TSCHUG]?
[else]
What subject areas will you be taking classes in at
[TSCHUG]?
General Education
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLSBX
Type of class: radio: other
[if TCURENUG = 0]
What subject areas were you taking classes in when you
were last enrolled as an undergraduate at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at
[TSCHUG]?
[else]
What subject areas will you be taking classes in at
[TSCHUG]?
Other subject area(s) not listed
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCCLST2
Type of class: radio: other specify
[if TCURENUG = 0]
Please specify what other subject area(s) you were taking
classes in when you were last enrolled as an
undergraduate at [TSCHUG].
[else if TCURENUG = 1]
Please specify what other subject area(s) you have been
taking classes in at [TSCHUG].
[else]
Please specify what other subject area(s) you will be
taking classes in at [TSCHUG].
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the radio button version of this form and chose other
Type of class.
Sources: BPS:04/09 field test student interview

MCCLTYA
Type of class: checkbox: business
[if TCURENUG = 0]
What subject areas were you taking classes in when you
were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at
[TSCHUG]?
[else]
What subject areas will you be taking classes in at
[TSCHUG]?
Business
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYB
Type of class: checkbox: health
[if TCURENUG = 0]
What subject areas were you taking classes in when you
were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at
[TSCHUG]?
[else]
What subject areas will you be taking classes in at
[TSCHUG]?
Health
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYC
Type of class: checkbox: education
[if TCURENUG = 0]
What subject areas were you taking classes in when you
were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at
[TSCHUG]?
[else]
What subject areas will you be taking classes in at
[TSCHUG]?
Education (teacher training)
0 = No
1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not
in a degree program between July 2005 and June 2008, and were
administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCCLTYD
Type of class: checkbox, engineering and engineering technology
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Engineering and Engineering Technology
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYE
Type of class: checkbox, computer and informational sciences
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Computer and Information Sciences
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYF
checkbox, social sciences
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Social Sciences
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYG
Type of class: checkbox, natural sciences and mathematics
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Natural Sciences and Mathematics
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYH
Type of class: checkbox, arts and humanities
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Arts and Humanities
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYI
Type of class: checkbox, communications
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TSCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]?
[else]
What subject areas will you be taking classes in at [TSCHUG]?
Communications
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview
C-16

Appendix C. Facsimile of Field Test Instrument

MCCLTYJ
Type of class: checkbox: vocational programs
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TŠCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TŠCHUG]?
[else]
What subject areas will you be taking classes in at [TŠCHUG]?
Vocational Programs
 0 = No
 1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYK
Type of class: checkbox: university transfer
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TŠCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TŠCHUG]?
[else]
What subject areas will you be taking classes in at [TŠCHUG]?
University Transfer
 0 = No
 1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYL
Type of class: checkbox: general education
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TŠCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TŠCHUG]?
[else]
What subject areas will you be taking classes in at [TŠCHUG]?
General Education
 0 = No
 1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYX
Type of class: checkbox: other
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TŠCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TŠCHUG]?
[else]
What subject areas will you be taking classes in at [TŠCHUG]?
Other subject area(s) not listed
 0 = No
 1 = Yes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCCLTYS
Type of class: checkbox: other specify
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled at [TŠCHUG]?
[else if TCURENUG = 1]
What subject areas have you been taking classes in at [TŠCHUG]?
[else]
What subject areas will you be taking classes in at [TŠCHUG]?
Please specify:
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the checkbox version of this form and chose other type of class.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MCCLT01**
*Type of class 1: text box*

[if TCURENUG = 0]

What subject areas were you taking classes in when you were last enrolled at [TSCHUG] as an undergraduate? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)

[else if TCURENUG = 1]

What subject areas have you been taking classes in at [TSCHUG]? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)

[else]

What subject areas will you be taking classes in at [TSCHUG]? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)

*Applies to:* Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and were administered the textbox/dropdown version of this form.

*Sources:* BPS:04/09 field test student interview

**MCCLD01**
*Type of class 1: self-coded drop downs*

How would you categorize the answer(s) you gave? (Please match your response(s) provided below to a category from the drop down list.)

1 = Business
2 = Health
3 = Education (teacher training)
4 = Engineering and Engineering Technology
5 = Computer and Informational Sciences
6 = Social Sciences
7 = Natural Sciences and Mathematics
8 = Arts and Humanities
9 = Communications
10 = Vocational Programs
11 = University Transfer
12 = Other

*Applies to:* Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008, and provided at least one response to the textbox/dropdown version of this form.

*Sources:* BPS:04/09 field test student interview

**MCCLSTA**
*Type of class: combined: business*

[if TCURENUG = 0]

What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]

What subject areas have you been taking classes in at [TSCHUG]? [else]

What subject areas will you be taking classes in at [TSCHUG]?

*Business*

0 = Not business class
1 = Yes, business class

*Applies to:* Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.

*Sources:* BPS:04/09 field test student interview

**MCCLSTB**
*Type of class: combined: health*

[if TCURENUG = 0]

What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]

What subject areas have you been taking classes in at [TSCHUG]? [else]

What subject areas will you be taking classes in at [TSCHUG]?

*Health*

0 = Not health classes
1 = Yes, health classes

*Applies to:* Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.

*Sources:* BPS:04/09 field test student interview

**MCCLSTC**
*Type of class: combined: education*

[if TCURENUG = 0]

What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]

What subject areas have you been taking classes in at [TSCHUG]? [else]

What subject areas will you be taking classes in at [TSCHUG]?

*Education (teacher training)*

0 = Not education classes
1 = Yes, education classes

*Applies to:* Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.

*Sources:* BPS:04/09 field test student interview
MCCLSTD
Type of class: combined: engineering and engineering technology
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]? [else]
What subject areas will you be taking classes in at [TSCHUG]?
Engineering and Engineering Technology
   0 = Not engineering classes
   1 = Yes, engineering classes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTG
Type of class: combined: natural sciences and mathematics
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]? [else]
What subject areas will you be taking classes in at [TSCHUG]?
Natural Sciences and Mathematics
   0 = Not sciences/mathematics classes
   1 = Yes, sciences/mathematics classes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTH
Type of class: combined: arts and humanities
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]? [else]
What subject areas will you be taking classes in at [TSCHUG]?
Arts and Humanities
   0 = Not arts and humanities classes
   1 = Yes, arts and humanities classes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTI
Type of class: combined: communications
[if TCURENUG = 0]
What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]? [else if TCURENUG = 1]
What subject areas have you been taking classes in at [TSCHUG]? [else]
What subject areas will you be taking classes in at [TSCHUG]?
Communications
   0 = Not communications classes
   1 = Yes, communications classes
Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview
MCCLSTJ

Type of class: combined; vocational programs

1. [if TCURENUG = 0]
   What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
   [else if TCURENUG = 1]
   What subject areas have you been taking classes in at [TSCHUG]?
2. [else]
   What subject areas will you be taking classes in at [TSCHUG]?

Vocational Programs
0 = Not vocational programs
1 = Yes, vocational programs

Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTK

Type of class: combined; university transfer

1. [if TCURENUG = 0]
   What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
   [else if TCURENUG = 1]
   What subject areas have you been taking classes in at [TSCHUG]?
2. [else]
   What subject areas will you be taking classes in at [TSCHUG]?

University Transfer
0 = Not university transfer classes
1 = Yes, university transfer classes

Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTL

Type of class: combined; general education

1. [if TCURENUG = 0]
   What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
   [else if TCURENUG = 1]
   What subject areas have you been taking classes in at [TSCHUG]?
2. [else]
   What subject areas will you be taking classes in at [TSCHUG]?

General Education
0 = Not general education classes
1 = Yes, general education classes

Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCCLSTX

Type of class: combined; other

1. [if TCURENUG = 0]
   What subject areas were you taking classes in when you were last enrolled as an undergraduate at [TSCHUG]?
   [else if TCURENUG = 1]
   What subject areas have you been taking classes in at [TSCHUG]?
2. [else]
   What subject areas will you be taking classes in at [TSCHUG]?

Other subject area(s) not listed
0 = No other classes
1 = Yes, other classes

Applies to: Respondents who were enrolled as an undergraduate not in a degree program between July 2005 and June 2008.
Sources: BPS:04/09 field test student interview

MCDBLMAJ

Major declared or undeclared for non-degree recipients

1. [if TCURENUG in (1 2)]
   Have you declared a major at [TSCHUG]?
   [else]
   Had you declared a major when you were last enrolled as an undergraduate at [TSCHUG] for your [TDGTYUPUG]?

2. [else]
   Did you have a double major when you earned your [TDGTYUPUG] from [TSCHUG]?

Applies to: Respondents who were enrolled in an associate's or bachelor's degree program but did not complete their degree between July 2005 and June 2008.
Recode note: If TENRTPUG in (2 3) then MCDBLMAJ = 0
Sources: BPS:04/09 field test student interview

MCDEGMAJ

Double major for degree recipients

1. Did you have a double major when you earned your [TDGTYUPUG] from [TSCHUG]?

Applies to: Respondents who completed an associate's or bachelor's degree program between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCMAJ1
Primary major: string
[if TCURENRUG = 0]
What was your [[if MCDBLMAJ = 2 or MCDEGMAJ = 1] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else if TCURENRUG = 1]
What is your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else]
What will be your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared at least one major.
Recode note: 1) If TENRTPUG in (2 3) then MCMAJ1 = "NOT IN A DEGREE PROGRAM" 2)If MCDBLMAJ = 3 then MCMAJ1 = "UNDECLARED" Sources: BPS:04/09 field test student interview

MCMJ1GEN
Primary major: general code
[if TCURENRUG = 0]
What was your [[if MCDBLMAJ = 2 or MCDEGMAJ = 1] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else if TCURENRUG = 1]
What is your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else]
What will be your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
1 = Agriculture/natural resources/related
2 = Architecture and related services
3 = Area/ethnic/cultural/gender studies
4 = Arts--visual and performing
5 = Biological and biomedical sciences
6 = Business/management/marketing/related
7 = Communication/journalism/comm. tech
8 = Computer/info sciences/support tech
9 = Construction trades
10 = Education
11 = Engineering technologies/technicians
12 = English language and literature/letters
13 = Family/consumer sciences, human sciences
14 = Foreign languages/literature/linguistics
15 = Health professions/clinical sciences
16 = Legal professions and studies
17 = Library science
18 = Mathematics and statistics
19 = Mechanical/repair technologies/techs
20 = Multi/interdisciplinary studies
21 = Parks/recreation/leisure/fitness studies
22 = Precision production
23 = Personal and culinary services
24 = Philosophy, religion & theology
25 = Physical sciences
26 = Psychology
27 = Public administration/social services
28 = Science technologies/technicians
29 = Security & protective services
30 = Social sciences and history (except psychology)
31 = Transportation & materials moving
32 = Other
33 = Liberal arts and sciences
98 = Not in a degree program
99 = Undeclared
Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared at least one major.
Recode note: 1) If TENRTPUG in (2 3) then MCMJ1GEN = 98 2) If MCDBLMAJ = 3 then MCMJ1GEN = 99
Sources: BPS:04/09 field test student interview

MCMJ1SPE
Primary major: specific code
[if TCURENRUG = 0]
What was your [[if MCDBLMAJ = 2 or MCDEGMAJ = 1] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else if TCURENRUG = 1]
What is your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
[else]
What will be your [[if MCDBLMAJ = 2] primary] major or field of study for your [TDGTYPG] at [TSCHUG]?
98 = Not in a degree program
99 = Undeclared
101 = Agriculture and related sciences
102 = Natural resources and conservation
201 = Architecture
202 = City/urban, community, and regional planning
203 = Drafting/design engineering technologies/technicians
204 = Architecture, planning, and related services, other
301 = Area, ethnic, cultural, and gender studies
401 = Art history, criticism & conservation
402 = Design & applied arts
403 = Drama/theatre arts and stagecraft
404 = Fine and studio art
405 = Music, general
406 = Music history, literature, and theory
407 = Visual and performing arts, other
408 = Commercial and advertising art
409 = Dance
410 = Film/video and photographic arts
411 = Crafts/craft design, folk art and artisanry
501 = General biology
502 = Biochem/biophysics/molecular biology
503 = Botany/plant biology
504 = Genetics
505 = Microbiological sciences & immunology
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1511</td>
<td>Health/medical preparatory programs</td>
</tr>
<tr>
<td>1512</td>
<td>Medicine, including psychiatry</td>
</tr>
<tr>
<td>1513</td>
<td>Mental/social health services and allied counseling</td>
</tr>
<tr>
<td>1514</td>
<td>Clinical pastoral counseling/patient counseling</td>
</tr>
<tr>
<td>1515</td>
<td>Nursing/registered (RN, ASN, BSN, MSN)</td>
</tr>
<tr>
<td>1516</td>
<td>Nursing science (MS, PhD)</td>
</tr>
<tr>
<td>1517</td>
<td>Licensed practical/vocational nurse training (LPN, LVN, Cert., Dipl., AAS)</td>
</tr>
<tr>
<td>1518</td>
<td>Nurse/nursing assistant/aide and patient care assistant</td>
</tr>
<tr>
<td>1519</td>
<td>Optometry</td>
</tr>
<tr>
<td>1520</td>
<td>Osteopathic medicine/osteopathy</td>
</tr>
<tr>
<td>1521</td>
<td>Pharmacy/pharmaceutical sciences/admin</td>
</tr>
<tr>
<td>1522</td>
<td>Podiatric medicine/podiatry</td>
</tr>
<tr>
<td>1523</td>
<td>Public health</td>
</tr>
<tr>
<td>1524</td>
<td>Rehabilitation &amp; therapeutic professions</td>
</tr>
<tr>
<td>1525</td>
<td>Veterinary medicine</td>
</tr>
<tr>
<td>1526</td>
<td>Health aides/attendants/orderlies</td>
</tr>
<tr>
<td>1527</td>
<td>Dietetics and clinical nutrition services</td>
</tr>
<tr>
<td>1528</td>
<td>Health/related clinical services, other</td>
</tr>
<tr>
<td>1601</td>
<td>Law</td>
</tr>
<tr>
<td>1602</td>
<td>Legal support services</td>
</tr>
<tr>
<td>1603</td>
<td>General undergraduate legal studies including pre-law</td>
</tr>
<tr>
<td>1604</td>
<td>Legal professions and studies, other</td>
</tr>
<tr>
<td>1701</td>
<td>Library science</td>
</tr>
<tr>
<td>1801</td>
<td>Mathematics</td>
</tr>
<tr>
<td>1802</td>
<td>Statistics</td>
</tr>
<tr>
<td>1803</td>
<td>Mathematics and statistics, other</td>
</tr>
<tr>
<td>1901</td>
<td>Electrical/electronics maintenance and repair technology</td>
</tr>
<tr>
<td>1902</td>
<td>Heating, air conditioning, ventilation and refrigeration maintenance</td>
</tr>
<tr>
<td>1903</td>
<td>Vehicle maintenance and repair technologies</td>
</tr>
<tr>
<td>1904</td>
<td>Mechanical/repair technologies/techs, other</td>
</tr>
<tr>
<td>2001</td>
<td>Biological and physical sciences</td>
</tr>
<tr>
<td>2002</td>
<td>Systems science and theory</td>
</tr>
<tr>
<td>2003</td>
<td>Biopsychology</td>
</tr>
<tr>
<td>2004</td>
<td>Multi/interdisciplinary studies, other</td>
</tr>
<tr>
<td>2009</td>
<td>Neuroscience</td>
</tr>
<tr>
<td>2101</td>
<td>Parks, recreation and leisure studies</td>
</tr>
<tr>
<td>2102</td>
<td>Health and physical education/fitness</td>
</tr>
<tr>
<td>2201</td>
<td>Precision metal working</td>
</tr>
<tr>
<td>2202</td>
<td>Woodworking</td>
</tr>
<tr>
<td>2203</td>
<td>Precision production, other</td>
</tr>
<tr>
<td>2301</td>
<td>Cosmetology and related personal grooming services</td>
</tr>
<tr>
<td>2302</td>
<td>Funeral service and mortuary science</td>
</tr>
<tr>
<td>2303</td>
<td>Culinary arts and related services</td>
</tr>
<tr>
<td>2304</td>
<td>Personal and culinary services, other</td>
</tr>
<tr>
<td>2401</td>
<td>Philosophy</td>
</tr>
<tr>
<td>2402</td>
<td>Religion/religous studies</td>
</tr>
<tr>
<td>2403</td>
<td>Theology and religious vocations</td>
</tr>
<tr>
<td>2501</td>
<td>Astronomy &amp; astrophysics</td>
</tr>
<tr>
<td>2502</td>
<td>Atmospheric sciences and meteorology</td>
</tr>
<tr>
<td>2503</td>
<td>Chemistry</td>
</tr>
<tr>
<td>2504</td>
<td>Geological &amp; earth sciences/geosciences</td>
</tr>
<tr>
<td>2505</td>
<td>Physics</td>
</tr>
<tr>
<td>2506</td>
<td>Biological and physical science [main CIP is Multidisc]</td>
</tr>
<tr>
<td>2507</td>
<td>Systems science and theory [main CIP is Multidisc]</td>
</tr>
<tr>
<td>2508</td>
<td>Physical sciences, other</td>
</tr>
<tr>
<td>2601</td>
<td>Behavioral psychology</td>
</tr>
<tr>
<td>2602</td>
<td>Clinical psychology</td>
</tr>
<tr>
<td>2603</td>
<td>Education/school psychology</td>
</tr>
<tr>
<td>2604</td>
<td>Psychology, other</td>
</tr>
<tr>
<td>2605</td>
<td>Biopsychology</td>
</tr>
<tr>
<td>2701</td>
<td>Public administration</td>
</tr>
<tr>
<td>2702</td>
<td>Social work</td>
</tr>
<tr>
<td>2703</td>
<td>Public administration and social service professions, other</td>
</tr>
<tr>
<td>2801</td>
<td>Biology technicin/biotechnology laboratory technician</td>
</tr>
<tr>
<td>2802</td>
<td>Nuclear and industrial radiologic technologies/technicians</td>
</tr>
<tr>
<td>2803</td>
<td>Physical science technologies/technicians</td>
</tr>
<tr>
<td>2804</td>
<td>Science technologies/technician, other</td>
</tr>
<tr>
<td>2808</td>
<td>Electrical engineering technologies</td>
</tr>
<tr>
<td>2810</td>
<td>Environmental control technologies</td>
</tr>
<tr>
<td>2812</td>
<td>Industrial production technologies</td>
</tr>
<tr>
<td>2818</td>
<td>Computer engineering technologies</td>
</tr>
<tr>
<td>2901</td>
<td>Criminal justice and corrections</td>
</tr>
<tr>
<td>2902</td>
<td>Fire protection</td>
</tr>
<tr>
<td>2903</td>
<td>Security and protective services, other</td>
</tr>
<tr>
<td>3001</td>
<td>Anthropology</td>
</tr>
<tr>
<td>3002</td>
<td>Archeology</td>
</tr>
<tr>
<td>3003</td>
<td>Criminology</td>
</tr>
<tr>
<td>3004</td>
<td>Demography &amp; population studies</td>
</tr>
<tr>
<td>3005</td>
<td>Economics</td>
</tr>
<tr>
<td>3006</td>
<td>Geography &amp; cartography</td>
</tr>
<tr>
<td>3007</td>
<td>History</td>
</tr>
<tr>
<td>3008</td>
<td>International relations &amp; affairs</td>
</tr>
<tr>
<td>3009</td>
<td>Political science and government</td>
</tr>
<tr>
<td>3010</td>
<td>Sociology</td>
</tr>
<tr>
<td>3011</td>
<td>Urban studies/affairs</td>
</tr>
<tr>
<td>3012</td>
<td>Social sciences, other (except psychology)</td>
</tr>
<tr>
<td>3101</td>
<td>Transportation &amp; materials moving</td>
</tr>
<tr>
<td>3102</td>
<td>Air transportation</td>
</tr>
<tr>
<td>3103</td>
<td>Ground transportation</td>
</tr>
<tr>
<td>3104</td>
<td>Transportation &amp; materials moving, other</td>
</tr>
<tr>
<td>3201</td>
<td>Other</td>
</tr>
<tr>
<td>3301</td>
<td>Liberal arts and sciences, general studies and humanities</td>
</tr>
</tbody>
</table>

**Applies to:** Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared at least one major.

**Recode note:** If TENRTPUG in (2 3) then MCMJ1SPE = 98

If MCDBLMAJ = 3 then MCMJ1SPE = 99

**Sources:** BPS:04/09 field test student interview
MCMAJ2
Secondary major: string

[if TCURENUG = 0]
What was your secondary undergraduate major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 1]
What is your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 2]
What will be your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else]
What is your secondary major or field of study?

Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared a double major.

Recode note: 1) If TENRTPUG in (2 3) then MCMAJ2 = "Not in a degree program"
2) If MCDBLMAJ = 3 then MCMAJ2 = "Undeclared"

Sources: BPS:04/09 field test student interview

MCMJ2GEN
Secondary major: general code

[if TCURENUG = 0]
What was your secondary undergraduate major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 1]
What is your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 2]
What will be your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else]
What is your secondary major or field of study?

1 = Agriculture/natural resources/related
2 = Architecture and related services
3 = Area/ethnic/cultural/gender studies
4 = Arts--visual and performing
5 = Biological and biomedical sciences
6 = Business/management/marketing/related
7 = Communication/journalism/comm. tech
8 = Computer/info sciences/support tech
9 = Construction trades
10 = Education
11 = Engineering technologies/technicians
12 = English language and literature/letters
13 = Family/consumer sciences, human sciences
14 = Foreign languages/literature/linguistics
15 = Health professions/clinical sciences
16 = Legal professions and studies
17 = Library science
18 = Mathematics and statistics
19 = Mechanical/repair technologies/techs
20 = Multi/interdisciplinary studies
21 = Parks/recreation/leisure/fitness studies
22 = Precision production
23 = Personal and culinary services
24 = Philosophy, religion & theology
25 = Physical sciences
26 = Psychology
27 = Public administration/social services
28 = Science technologies/technicians
29 = Security & protective services
30 = Social sciences and history (except psychology)
31 = Transportation & materials moving
32 = Other
98 = Not in a degree program
99 = Undeclared

Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared a double major.

Recode note: 1) If TENRTPUG in (2 3) then MCMJ2GEN = 98 2) If MCDBLMAJ = 3 then MCMJ2GEN = 99

Sources: BPS:04/09 field test student interview

MCMJ2SPE
Secondary major: specific code

[if TCURENUG = 0]
What was your secondary undergraduate major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 1]
What is your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 2]
What will be your current secondary major or field of study for your [TDGTYPUG] at [TSCHUG]?
[else]
What is your secondary major or field of study?

98 = Not in a degree program
99 = Undeclared
101 = Agriculture and related sciences
102 = Natural resources and conservation
201 = Architecture
202 = City/urban, community, and regional planning
203 = Drafting/design engineering technologies/technicians
204 = Architecture, planning, and related services, other
301 = Area, ethnic, cultural, and gender studies
401 = Art history, criticism & conservation
402 = Design & applied arts
403 = Drama/theatre arts and stagecraft
404 = Fine and studio art
405 = Music, general
406 = Music history, literature, and theory
407 = Visual and performing arts, other
408 = Commercial and advertising art
409 = Dance
410 = Film/video and photographic arts
411 = Crafts/craft design, folk art and artisanry
501 = General biology
502 = Biochem/biophysics/molecular biology
503 = Botany/plant biology
Appendix C. Facsimile of Field Test Instrument

504 = Genetics
505 = Microbiological sciences & immunology
506 = Physiology, pathology & related sciences
507 = Zoology/animal biology
508 = Biological and biomedical sciences
509 = Biological and physical sciences
510 = Systems science and theory
511 = Biopsychology [main CIP is Multidisc
512 = Biological & biomedical sciences, other
517 = Ecology/evolution/population biology
601 = Accounting and related services
602 = Business administration, management and operations
603 = Business operations support and assistant services
604 = Finance and financial management services
605 = Human resources management and services
606 = Marketing
607 = Business, management, marketing, and related support services, other
608 = Management information systems and services
609 = Real estate
610 = Hospitality Administration/Management
701 = Communication and media studies
702 = Communication technologies
703 = Journalism
704 = Communication/journalism/comm. tech, other
801 = Computer/information technology administration and management
802 = Computer programming
803 = Computer science
804 = Computer software and media applications
805 = Computer systems analysis
806 = Computer systems networking and telecommunications
807 = Data entry/microcomputer applications
808 = Data processing
809 = Information science/studies
810 = Computer and information sciences and support services, other
811 = Computer and information sciences
901 = Construction trades
1001 = Curriculum and instruction
1002 = Educational administration and supervision
1003 = Educational/instructional media design
1004 = Special education and teaching
1005 = Student counseling and personnel services
1006 = Education, other
1007 = Teacher education: Early childhood education and teaching
1008 = Teacher education: Elementary education and teaching
1009 = Teacher education: Secondary education and teaching
1010 = Teacher education: Adult and continuing education and teaching
1011 = Teacher education: Specific levels, other
1012 = Teacher education: Specific subject areas
1013 = Bilingual, multilingual, and multicultural education
1014 = Ed assessment. evaluation, and research
1015 = Higher education/higher education administration
1016 = Teaching assistant/aide
1017 = Childcare provider/assistant
1018 = Physical education teaching and coaching
1019 = Education, other
1020 = English/language arts teacher education
1022 = Mathematics teacher education
1024 = Social studies teacher education
1025 = Biology teacher education
1026 = Chemistry teacher education
1027 = History teacher education
1101 = Biomedical/medical engineering
1102 = Chemical engineering
1103 = Civil engineering
1104 = Computer engineering
1105 = Electrical, electronics and communications engineering
1106 = Engineering technologies/technicians
1107 = Environmental/environmental health engineering
1108 = Mechanical engineering
1109 = Engineering, other
1113 = Architectural engineering
1115 = Construction engineering
1201 = Creative writing
1202 = American literature
1203 = English literature
1204 = English language and literature/letters, others
1301 = Family and consumer sciences/human sciences
1302 = Family and consumer sciences/human sciences, general
1303 = Child care and support services management
1304 = Child care provider/assistant (also under Education)
1305 = Apparel and textiles
1306 = Family and consumer sciences/human sciences, other
1401 = Romance languages, literatures, and linguistics
1402 = Spanish language and literature
1403 = Foreign languages/literature/linguistics, other
1408 = Chinese language and literature
1501 = Health services/allied health/health sciences, general
1502 = Alternative/complementary medicine/sys
1503 = Chiropractic
1504 = Audiology/audiologist & hearing sciences
1505 = Clinical/medical lab science/allied
1506 = Dental support services/allied
1507 = Dentistry
1508 = Health & medical administrative services
1509 = Health/medical services/allied health
1510 = Health/medical technicians/technologists
Appendix C. Facsimile of Field Test Instrument

1511 = Health/medical preparatory programs
1512 = Medicine, including psychiatry
1513 = Clinical pastoral counseling/ patient counseling
1515 = Nursing/registered (RN, ASN, BSN, MSN)
1516 = Nursing science (MS, PhD)
1517 = Licensed practical/vocational nurse training (LPN, LVN, Cert., Dipl., AAS)
1518 = Nurse/nursing assistant/aide and patient care assistant
1519 = Optometry
1520 = Osteopathic medicine/osteopathy
1521 = Pharmacy/pharmaceutical sciences/admin
1522 = Podiatric medicine/podiatry
1523 = Public health
1524 = Rehabilitation & therapeutic professions
1525 = Veterinary medicine
1526 = Health aides/attendants/orderlies
1527 = Dietetics and clinical nutrition services
1528 = Health /related clinical services, other
1601 = Law
1602 = Legal support services
1603 = General undergraduate legal studies including pre-law
1604 = Legal professions and studies, other
1701 = Library science
1801 = Mathematics
1802 = Statistics
1803 = Mathematics and statistics, other
1901 = Electrical/electronics maintenance and repair technology
1902 = Heating, air conditioning, ventilation and refrigeration maintenance
1903 = Vehicle maintenance and repair technologies
1904 = Mechanical/repair technologies/techs, other
2001 = Biological and physical sciences
2002 = Systems science and theory
2003 = Biopsychology
2004 = Multi/interdisciplinary studies, other
2009 = Neuroscience
2101 = Parks, recreation and leisure studies
2102 = Health and physical education/fitness
2201 = Precision metal working
2202 = Woodworking
2203 = Precision production, other
2301 = Cosmetology and related personal grooming services
2302 = Funeral service and mortuary science
2303 = Culinary arts and related services
2304 = Personal and culinary services, other
2401 = Philosophy
2402 = Religion/religious studies
2403 = Theology and religious vocations
2501 = Astronomy & astrophysics
2502 = Atmospheric sciences and meteorology
2503 = Chemistry
2504 = Geological & earth sciences/geosciences
2505 = Physics
2506 = Biological and physical science [main CIP is Multidisc]  
2507 = Systems science and theory [main CIP is Multidisc]
2508 = Physical sciences, other
2601 = Behavioral psychology
2602 = Clinical psychology
2603 = Education/school psychology
2604 = Psychology, other
2605 = Biopsychology
2701 = Public administration
2702 = Social work
2703 = Public administration and social service professions, other
2801 = Biology technician/biotechnology laboratory technician
2802 = Nuclear and industrial radiologic technologies/technicians
2803 = Physical science technologies/technicians
2804 = Science technologies/technician, other
2808 = Electrical engineering technologies
2810 = Environmental control technologies
2812 = Industrial production technologies
2818 = Computer engineering technologies
2901 = Criminal justice and corrections
2902 = Fire protection
2903 = Security and protective services, other
3001 = Anthropology
3002 = Archeology
3003 = Criminology
3004 = Demography & population studies
3005 = Economics
3006 = Geography & cartography
3007 = History
3008 = International relations & affairs
3009 = Political science and government
3010 = Sociology
3011 = Urban studies/affairs
3012 = Social sciences, other (except psychology)
3101 = Transportation & materials moving
3102 = Air transportation
3103 = Ground transportation
3104 = Transportation & materials moving, other
3201 = Other
3301 = Liberal arts and sciences, general studies and humanities

Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and June 2008 and had declared a double major.

Recode note: 1) If TENRTPUG in (2 3) then MCMJ2SPE = 98
2) If MCDBLMAJ = 3 then MCMJ2SPE = 99

Sources: BPS:04/09 field test student interview
MCMAJCHG
Frequency of formal major change
[if TCURENUG = 0]
How many times did you formally change your major or
field of study at [TSCHUG] when you were last enrolled
there for your [TDGTYPUG]?  
[else]
How many times have you formally changed your major
or field of study at [TSCHUG]?
0 = Never
1 = One time
2 = More than one time
Applies to: Respondents who were enrolled in an undergraduate
degree program between July 2005 and June 2008 and had
declared at least one major.
Sources: BPS:04/09 field test student interview

MCUGYR
Undergraduate level of non-degree recipients
[if TCURENUG = 0]
What was your year or level during your most recent
term at [TSCHUG] when you were last enrolled there as
an undergraduate?  
[else]
What is your year or level at [TSCHUG]?
1 = First year or freshman
2 = Second year or sophomore
3 = Third year or junior
4 = Fourth year or senior
5 = Fifth year or higher undergraduate
6 = Unclassified undergraduate
Applies to: Respondents who were enrolled in an undergraduate
degree program or took courses for credit between July 2005 and the
time of the interview and were not classified as non-degree.
Sources: BPS:04/09 field test student interview

MCGPATYP
GPA measured on 4.00 scale
[if TCURENUG = 0 and TENRTPUG = 1]
Was your grade point average (GPA) at [TSCHUG]
when you were last enrolled there for your
[TDGTYPUG] measured on a 4.00 scale?  
[else if TENRTPUG ne 1]
Was your grade point average (GPA) at [TSCHUG]
when you were last enrolled there for your coursework
measured on a 4.00 scale?  
[else]
Is your grade point average (GPA) at [TSCHUG]
measured on a 4.00 scale?
1 = Yes
2 = No, it is or was measured on another grading
scale
3 = No, the school does or did not award grades
4 = Yes, but no GPA yet
Applies to: Respondents who were enrolled in an undergraduate
degree program or took courses for credit between July 2005 and the
time of the interview.
Sources: BPS:04/09 field test student interview

MCGPA
Cumulative GPA
[if TCURENUG = 0 and TENRTPUG = 1]
What was your cumulative GPA at [TSCHUG] through
the end of your most recent term there for your
[TDGTYPUG]?  
[else if TENRTPUG ne 1]
What was your cumulative GPA at [TSCHUG] through
the end of your most recent term there?
[else]
What is your cumulative GPA at [TSCHUG]?
Range: 0.00 to 4.00
Applies to: Respondents who were enrolled in an undergraduate
degree program between July 2005 and the time of the interview and were graded on
a 4.0 scale.
Sources: BPS:04/09 field test student interview

MCGPAEST
Estimate of cumulative GPA
[if TENRTPUG = 1]
Which of the following best describes your grade point
average at [TSCHUG] for your [TDGTYPUG]?
[else]
Which of the following best describes your grade point
average at [TSCHUG] through the end of your most
recent term there?
1 = Mostly As (3.75 and above)
2 = As and Bs (3.25-3.74)
3 = Mostly Bs (2.75-3.24)
4 = Bs and Cs (2.25-2.74)
5 = Mostly Cs (1.75-2.24)
6 = Cs and Ds (1.25-1.74)
7 = Mostly Ds or below (below 1.24)
Applies to: Respondents who were enrolled in an undergraduate
degree program between July 2005 and the time of the interview, were graded on a
4.0 scale but did not report a GPA, or were graded on a scale other
than 4.0.
Sources: BPS:04/09 field test student interview

MCDROP
Ever while enrolled: withdrew from course after deadline
[if TCURENUG = 0 and TENRTPUG = 1]
While enrolled at [TSCHUG] for your [TDGTYPUG],
did you ever...
[else if TENRTPUG = 2]
While enrolled at [TSCHUG] for your undergraduate
coursework, did you ever...
[else]
While enrolled at [TSCHUG], have you ever...
[Withdraw/Withdrawn] from a course after the normal
drop/add deadline?
0 = No
1 = Yes
Applies to: Respondents who were enrolled in an undergraduate
degree program or took courses for credit between July 2005 and the
time of the interview.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCINCMP
Ever while enrolled: received grade of incomplete
[ii TCURENUG = 0 and TENRTPUG = 1]
While enrolled at [TSCHUG] for your [TDGTYPUG], did you ever...
[ii else if TENRTPUG = 2]
While enrolled at [TSCHUG] for your undergraduate coursework, did you ever...
[ii else]
While enrolled at [TSCHUG], have you ever...
[Receive/Received] a grade of incomplete?
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program or took courses for credit between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCDISTED
Distance education: took courses
[ii TCURENUG = 0]
While enrolled at [TSCHUG] for your [TDGTYPUG], did you take any courses for credit that were distance education courses?
[ii else]
While enrolled at [TSCHUG], have you taken any courses for credit that were distance education courses?
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program since July 2005.
Sources: BPS:04/09 field test student interview

MCENTIRE
Distance education: entire program
[ii TCURENUG = 0]
Did you complete your entire [TDGTYPUG] program at [TSCHUG] through distance education?
[ii else]
Are you completing your entire undergraduate program at [TSCHUG] through distance education?
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program since July 2005 and took distance education courses.
Sources: BPS:04/09 field test student interview

MCANY
location of courses
[ii TCURENUG = 0]
Were the distance education courses that you were enrolled in for your [TDGTYPUG] offered through [TSCHUG], another institution, or both?
[ii else]
Are the distance education courses that you are enrolled in offered through [TSCHUG], another institution, or both?
   1 = [TSCHUG]
   2 = Another institution
   3 = Both
Applies to: Respondents who were enrolled in an undergraduate degree program since July 2005 and took distance education courses.
Sources: BPS:04/09 field test student interview

MCRPT
Ever while enrolled: repeated course for higher grade
[ii TCURENUG = 0 and TENRTPUG = 1]
While enrolled at [TSCHUG] for your [TDGTYPUG], did you ever...
[ii else if TENRTPUG = 2]
While enrolled at [TSCHUG] for your undergraduate coursework, did you ever...
[ii else]
While enrolled at [TSCHUG], have you ever...
[Repeat/Repeated] a course for a higher grade?
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program or took courses for credit between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCPROB
Ever while enrolled: placed on academic probation
[ii TCURENUG = 0 and TENRTPUG = 1]
While enrolled at [TSCHUG] for your [TDGTYPUG], did you ever...
[ii else if TENRTPUG = 2]
While enrolled at [TSCHUG] for your undergraduate coursework, did you ever...
[ii else]
While enrolled at [TSCHUG], have you ever...
[Get placed/Been] on academic probation?
   0 = No
   1 = Yes
Applies to: Respondents who were enrolled in an undergraduate degree program or took courses for credit between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCSCHRES
Residence while enrolled

[if TCURENUG = 0 and MCENTIRE = 1 and TENRTPUG = 1]
When you were last enrolled at [TSCHUG] for your [TDGTYPUG], did you live with your parent(s) or guardian(s), or some place else?
[else if TCURENUG = 0 and TENRTPUG = 1]
When you were last enrolled at [TSCHUG] for your [TDGTYPUG], did you live on campus, with your parent(s) or guardian(s), or some place else?
[else if TCURENUG = 0]
When you were last enrolled at [TSCHUG] as an undergraduate, did you live on campus, with your parent(s) or guardian(s), or some place else?
[else if TCURENUG = 1 and MCENTIRE = 1]
While enrolled at [TSCHUG], do you live with your parent(s) or guardian(s), or some place else?
[else]
While enrolled at [TSCHUG], do you live on campus, with your parent(s) or guardian(s), or some place else?
1 = On-campus or in other, school-provided housing
2 = With parent(s)/guardian(s)
3 = Some place else (off campus)

Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCDISTNC
Distance between [TSCHUG] and home

[if TCURENUG = 0 and TENRTPUG = 1]
How far (in miles) was [TSCHUG] from your permanent home when you were last enrolled there for your [TDGTYPUG]?
[else if TENRTPUG ne 1]
How far (in miles) was [TSCHUG] from your permanent home when you were last enrolled there as an undergraduate?
[else]
How far (in miles) is [TSCHUG] from your permanent home?
Mile(s)

Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview, but did not complete their entire program through distance education.
Sources: BPS:04/09 field test student interview

MCNUMJOB
Number of jobs

[if TCURENUG = 0 and TENRTPUG = 1]
How many jobs for pay did you have when you were last enrolled for your [TDGTYPUG] at [TSCHUG] -- none, one, or more than one?
[else if TCURENUG = 0 and TENRTPUG ne 1]
How many jobs for pay did you have when you were last enrolled at [TSCHUG] for your undergraduate coursework -- none, one, or more than one?
[else]
How many jobs are you currently working for pay -- none, one, or more than one?
job(s)
0 = None
1 = One
2 = More than one

Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

Please check here if both of your parents/guardians are/were deceased.
0 = No
1 = Yes
**MCONOFF**
*Job on or off campus*

```plaintext
[i if TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG = 1]
Since you had more than one job when you were last enrolled at [TSCHUG] for your [TDGTYPUG], in the next set of questions please refer to the job at which you worked the most hours. Was that job located primarily on or off campus?
[else if TCURENUG = 0 and TENRTPUG = 1]
The next set of questions focuses on the job you had when you were last enrolled at [TSCHUG] for your [TDGTYPUG]. Was your job located primarily on or off campus?
[else if TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG ne 1]
Since you had more than one job when you were last enrolled at [TSCHUG] for your undergraduate coursework, in the next set of questions please refer to the one at which you worked the most hours. Was that job located primarily on or off campus?
[else if TCURENUG = 0 and MCNUMJOB = 1 and TENRTPUG ne 1]
The next set of questions focuses on the job you had when you were last enrolled at [TSCHUG] for your undergraduate coursework. Was your job located primarily on or off campus?
[else if TCURENUG = 1 and MCNUMJOB = 2]
Since you have more than one job, in the next set of questions please refer to the one at which you worked the most hours. Is that job located primarily on or off campus?
[else]
Is your job located primarily on or off campus?

1 = On campus
2 = Off campus
3 = Both on and off campus
```

**MCSCHJOB**
*Type of job*

Which of the following best describes that job?

1 = Job with an employer other than [TSCHUG]
2 = Work study job
3 = Paid assistantship
4 = Cooperative employment placement (co-op)
5 = Paid practicum
6 = Job with [TSCHUG], other than work study, assistantship, co-op, or practicum
7 = None of the above

**MCEMPTYP**
*Type of employer*

```plaintext
[i if TCURENUG = 0]
In that job, did you work for...
[else]
In your job, do you work for...

1 = [TSCHUG]
2 = A for-profit company
3 = A nonprofit organization
4 = A local, state, or federal government
5 = The military (including civilian employees of the military)
6 = None of the above; I [if TCURENRUG = 1] am {else} was self-employed
```

**MCRELMAJ**
*Job related to major*

```plaintext
[i if TCURENUG = 0]
Would you say that job was related to your [TDGTYPUG] major or field of study?
[else]
Would you say your job is related to your [TDGTYPUG] major or field of study?

0 = No
1 = Yes
```

**MCDISTWK**
*Distance from [TSCHUG] to job*

```plaintext
[i if TCURENUG = 0]
How far (in miles) was [TSCHUG] from that job?
[else]
How far (in miles) is [TSCHUG] from your job?
```

**MCDISTWK**

Distance from [TSCHUG] to job

```plaintext
[i if TCURENUG = 0]
How far (in miles) was [TSCHUG] from that job?
[else]
How far (in miles) is [TSCHUG] from your job?
Miles
```

**MCRELMAJ**

Job related to major

```plaintext
[i if TCURENUG = 0]
Would you say that job was related to your [TDGTYPUG] major or field of study?
[else]
Would you say your job is related to your [TDGTYPUG] major or field of study?

0 = No
1 = Yes
```

**MCRELMAJ**

Source: BPS:04/09 field test student interview
**MCERNAMT**

*Amount earned during school year*

If TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG = 1

How much did you earn from ALL your jobs when you were last enrolled at [TSCHUG] for your [TDGTYTPUG], before taxes and other deductions? Please exclude summer employment unless you were enrolled during the summer.

Else if TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG ne 1

How much did you earn from ALL your jobs when you were last enrolled at [TSCHUG] for your undergraduate coursework, before taxes and other deductions? Please exclude summer employment unless you were enrolled during the summer.

Else if TCURENUG = 1 and MCNUMJOB = 2

How much do you earn from ALL your jobs, before taxes and other deductions? Please exclude summer employment unless you are enrolled during the summer.

Else

How much do you earn from this job, before taxes and other deductions? Please exclude summer employment unless you are enrolled during the summer.

Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

**MCERNS**

*Number of months or terms worked*

If TCURENUG = 0 and TENRTPUG = 1

About how many [if MCEARNT = 2] terms [else if MCEARNT = 3] months did you work during the last school year you were enrolled at [TSCHUG] for your [TDGTYTPUG]? Please exclude summer employment unless you were enrolled during the summer.

Else if TCURENUG = 0 and TENRTPUG ne 1

About how many [if MCEARNT = 2] terms [else if MCEARNT = 3] months did you work during the last school year you were enrolled at [TSCHUG] for your undergraduate coursework? Please exclude summer employment unless you were enrolled during the summer.

Else

How many [if MCEARNT = 2] terms [else if MCEARNT = 3] months will you have worked while you were enrolled at [TSCHUG] during the 2007-2008 school year? Please exclude summer employment unless you were enrolled during the summer.

If MCEARNT = 2 term(s)

Else if MCEARNT = 3 month(s)

Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview, and reported earnings in terms, semesters or months.
Sources: BPS:04/09 field test student interview
MCHOURS
Hours worked weekly
[if TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG = 1]
When you were last enrolled at [TSCHUG] for your [TDGTYPUG], how many hours did you work per week (on average) at ALL your jobs? Please exclude summer hours if you were not enrolled during the summer.
[else if TCURENUG = 0 and MCNUMJOB = 2 and TENRTPUG ne 1]
When you were last enrolled at [TSCHUG] for your undergraduate coursework, how many hours did you work per week (on average) at ALL your jobs? Please exclude summer hours if you were not enrolled during the summer.
[else if TCURENUG = 0 and MCNUMJOB = 1 and TENRTPUG = 1]
When you were last enrolled at [TSCHUG] for your [TDGTYPUG], how many hours did you work per week (on average)? Please exclude summer hours if you were not enrolled during the summer.
[else if TCURENUG = 0 and MCNUMJOB = 1 and TENRTPUG ne 1]
When you were last enrolled at [TSCHUG] for your undergraduate coursework, how many hours did you work per week (on average)? Please exclude summer hours if you were not enrolled during the summer.
[else if TCURENUG = 1 and MCNUMJOB = 2]
While enrolled at [TSCHUG], how many hours do you work per week (on average) at ALL your jobs? Please exclude summer hours if you were not enrolled during the summer.
[else]
While enrolled at [TSCHUG], how many hours do you work per week (on average)? Please exclude summer hours if you were not enrolled during the summer.
hour(s)
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWKSWK
Proportion of weeks worked
[if TCURENUG = 0 and TENRTPUG = 1]
During your last year at [TSCHUG] did you work all of the weeks you were enrolled, most of them, half of them, or less than half?
[else if TENRTPUG ne 1]
During your last year at [TSCHUG] for your undergraduate coursework, did you work all of the weeks you were enrolled, most of them, half of them, or less than half?
[else]
While at [TSCHUG] in 2007-2008, would you say you worked all of the weeks you were enrolled, most of them, half of them, or less than half?

1 = All
2 = Most
3 = Half
4 = Less than half
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCTOTERN
Total earnings while enrolled
MCTOTERN is an internal variable indicating total earnings from employment while enrolled.
Initialize MCTOTERN to -9.
If MCNUMJOB = 0 then MCTOTERN = -3
If MCEARNT = -9 then MCTOTERN = -9
else if MCEARNT = 1 and MCERNAMT > 0
then MCTOTERN = MCERNAMT
else if MCEARNT = 2 AND 1 <= MCERN <= 4 and MCERNAMT > 0
then MCTOTERN = MCERNAMT * MCERN
else if MCEARNT = 2 and MCERN = -9
then MCTOTERN = -9
else if MCEARNT = 2 and MCERN >= 5
then MCTOTERN = -6
else if MCEARNT = 3 and 1 <= MCERN <= 12 and MCERNAMT > 0
then MCTOTERN = MCERNAMT * (5-MCERN)
else if MCEARNT = 3 and MCERN in (-6 -9)
then MCTOTERN = MCERN
else if MCEARNT = 4 and MCERNAMT > 0 and MCWKSWK > 0
then MCTOTERN = MCERNAMT * MCHOURS * (5-MCWKSWK) * 9
else if MCEARNT = 4 and MCWKSWK = -9
then MCTOTERN = -9
else if MCEARNT = 5 and MCERNAMT > 0 and MCHOURS > 0 and MCWKSWK > 0
then MCTOTERN = MCERNAMT * MCHOURS * (5-MCWKSWK) * 9
else if MCEARNT = 5 and MCHOURS in (-6 -9)
then MCTOTERN = MCHOURS
else if MCEARNT = 5 and MCWKSWK in (-6 -9)
then MCTOTERN = MCWKSWK
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview
MCENRWRK
Primary role while enrolled
[i]f [TCURENUG] = 0 and [TENRTPUG] = 1
When you were last enrolled at [TSCHUG] for your
[TDGTYPUG] and working, would you say you were
dominantly...
[else if TENRTPUG ne 1]
When you were last enrolled at [TSCHUG] for your
undergraduate coursework, and working, would you say
you were primarily...
[else]
While enrolled at [TSCHUG] and working, would you
say you are primarily...
1 = A student working to meet expenses or
2 = An employee who decided to enroll in school

Applies to: Respondents who worked while enrolled as an
undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWKB
Reason for working: pay educational expenses
[i]f [TCURENUG] = 0 and [TENRTPUG] = 1
What were your reasons for working when you were last
enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last
enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled
at [TSCHUG]?
To pay educational expenses such as tuition, fees, books,
and supplies
0 = Not to pay educational expenses
1 = Yes, to pay educational expenses

Applies to: Respondents who worked while enrolled as an
undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWKC
Reason for working: earn spending money
[i]f [TCURENUG] = 0 and [TENRTPUG] = 1
What were your reasons for working when you were last
enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last
enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled
at [TSCHUG]?
To earn spending money
0 = Not to earn spending money
1 = Yes, to earn spending money

Applies to: Respondents who worked while enrolled as an
undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWGD
Reason for working: minimize debt
[i]f [TCURENUG] = 0 and [TENRTPUG] = 1
What were your reasons for working when you were last
enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last
enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled
at [TSCHUG]?
To minimize the amount of debt you have
0 = Not to minimize debt
1 = Yes, to minimize debt

Applies to: Respondents who worked while enrolled as an
undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCWRKE
Reason for working: gain job experience

[if TCURENUG = 0 and TENRTPUG = 1]
What were your reasons for working when you were last enrolled for your [TDGTYPUG] at [TSCHUG]? 
[else if TCURENUG = 0]
What were your reasons for working when you were last enrolled as an undergraduate at [TSCHUG]? 
[else]
What are your reasons for working while you are enrolled at [TSCHUG]?
To gain job experience
  0 = Not to gain job experience
  1 = Yes, to gain job experience
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWRKF
Reason for working: send money home

[if TCURENUG = 0 and TENRTPUG = 1]
What were your reasons for working when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled at [TSCHUG]?
To send money home
  0 = Not to send money home
  1 = Yes, to send money home
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCWRKG
Reason for working: meet parents' expectations

[if TCURENUG = 0 and TENRTPUG = 1]
What were your reasons for working when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled at [TSCHUG]?
To meet your parents' expectations that you work
  0 = Not to meet parents' expectations
  1 = Yes, to meet parents' expectations
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview, and whose parents or guardians were not deceased.
Sources: BPS:04/09 field test student interview

MCWRKH
Reason for working: other

[if TCURENUG = 0 and TENRTPUG = 1]
What were your reasons for working when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What were your reasons for working when you were last enrolled as an undergraduate at [TSCHUG]?
[else]
What are your reasons for working while you are enrolled at [TSCHUG]?
Another reason not listed
  0 = No other reason
  1 = Yes, other reasons
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCMNRSN
Main reason for working

[if TCURENUG = 0 and TENRTPUG = 1]
What was your main reason for working when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
[else if TCURENUG = 0]
What was your main reason for working when you were last enrolled as an undergraduate at [TSCHUG]?
[else]
What is your main reason for working while you are enrolled at [TSCHUG]?
  0 = Pay living expenses
  1 = Pay educational expenses
  2 = Earn spending money
  3 = To minimize the amount of debt you have
  4 = To gain job experience
  5 = To send money home
  6 = Meet parents' expectations to work
  7 = None of the above
Applies to: Respondents who worked while enrolled as an undergraduate between July 2005 and the time of the interview and chose more than one reason for working.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MCPRPAA**

Help from parents: tuition and fees

- If TCURENUG = 0 and TENRTPUG = 1
  - Which of the following did your parents or guardians help you pay when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
- Else if TCURENUG = 0
  - Which of the following did your parents or guardians help you pay when you were last enrolled as an undergraduate at [TSCHUG]?
- Else
  - Which of the following have your parents or guardians helped you to pay?
    - Tuition and fees
      - 0 = No
      - 1 = Yes

 Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview and whose parents or guardians were not deceased.

Sources: BPS:04/09 field test student interview

**MCPRPAB**

Help from parents: other educational expenses

- If TCURENUG = 0 and TENRTPUG = 1
  - Which of the following did your parents or guardians help you pay when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
- Else if TCURENUG = 0
  - Which of the following did your parents or guardians help you pay when you were last enrolled as an undergraduate at [TSCHUG]?
- Else
  - Which of the following have your parents or guardians helped you to pay?
    - Other educational expenses such as books and supplies
      - 0 = No
      - 1 = Yes

 Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview and whose parents or guardians were not deceased.

Sources: BPS:04/09 field test student interview

**MCPRPAC**

Help from parents: housing costs

- If TCURENUG = 0 and TENRTPUG = 1
  - Which of the following did your parents or guardians help you pay when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
- Else if TCURENUG = 0
  - Which of the following did your parents or guardians help you pay when you were last enrolled as an undergraduate at [TSCHUG]?
- Else
  - Which of the following have your parents or guardians helped you to pay?

Housing costs, including utilities

- 0 = No
- 1 = Yes

 Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview and whose parents or guardians were not deceased.

Sources: BPS:04/09 field test student interview

**MCPRPAE**

Help from parents: no financial support

- If TCURENUG = 0 and TENRTPUG = 1
  - Which of the following did your parents or guardians help you pay when you were last enrolled for your [TDGTYPUG] at [TSCHUG]?
- Else if TCURENUG = 0
  - Which of the following did your parents or guardians help you pay when you were last enrolled as an undergraduate at [TSCHUG]?
- Else
  - Which of the following have your parents or guardians helped you to pay?

None of the above - no financial assistance from parents

- 0 = No
- 1 = Yes

 Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview and whose parents or guardians were not deceased.

Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MCPARDC2**

*Help from parents: both parents deceased*

- If TCURENUG = 0 and TENRTPUG = 1
  - Which of the following did your parents or guardians help you pay when you were last enrolled for your [TDGTYUG] at [TSCHUG]?
- Else if TCURENUG = 0
  - Which of the following did your parents or guardians help you pay when you were last enrolled as an undergraduate at [TSCHUG]?
- Else
  - Which of the following have your parents or guardians helped you to pay?

  None of the above - both parents or guardians were deceased
  
<table>
<thead>
<tr>
<th>0 = No</th>
<th>1 = Yes</th>
</tr>
</thead>
</table>

*Applies to: Respondents who were enrolled as an undergraduate between July 2005 and the time of the interview and whose parents or guardians were not deceased.*

*Recode note: If MCPARDEC = 1 then MCPARDC2 = 1*

*Sources: BPS:04/09 field test student interview*

**MCUGLN**

*Any undergraduate loans*

- If (MBANY = 0 and MBCHECK = 0) or TEVRUG = 0 or TCURENUG = 2
  - Now we'd like to ask you about any financial aid you may have received to help pay for your undergraduate education prior to July 1, 2005. Did you take out any type of education loans to help pay for your undergraduate education?
- Else
  - Did you take out any type of education loans to help pay for your undergraduate education?

<table>
<thead>
<tr>
<th>0 = No</th>
<th>1 = Yes</th>
</tr>
</thead>
</table>

*Applies to: All respondents.*

*Recode note: If MCUGLAM = 0 then MCUGLN = 0*

*Sources: BPS:04/09 field test student interview*

**MCLNTYB**

*Type of undergraduate loan: private*

- If MCUGLN = 3
  - What type of loans did you borrow to help pay for your education since high school?
- Else
  - What type of loans did you borrow to help pay for your undergraduate education?

  Private loans, such as Sallie Mae Signature, CitiAssist, and EXCEL loans
  
  | 0 = No | 1 = Yes |

*Applies to: Respondents who took out a loan for their undergraduate education.*

*Sources: BPS:04/09 field test student interview*

**MCLNTYC**

*Type of undergraduate loan: other*

- If MCUGLN = 3
  - What type of loans did you borrow to help pay for your education since high school?
- Else
  - What type of loans did you borrow to help pay for your undergraduate education?

Other types of loans

| 0 = No | 1 = Yes |

*Applies to: Respondents who took out a loan for their undergraduate education.*

*Sources: BPS:04/09 field test student interview*

**MCLNTYS**

*Type of undergraduate loan: other specify*

- If MCUGLN = 3
  - What type of loans did you borrow to help pay for your education since high school?
- Else
  - What type of loans did you borrow to help pay for your undergraduate education?

Please specify:

*Applies to: Respondents who took out a loan for their undergraduate education.*

*Sources: BPS:04/09 field test student interview*
Appendix C. Facsimile of Field Test Instrument

**MCLNRSA**
Reason for undergraduate private loan: did not qualify for other aid [if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education?
Aid package received did not cover the full cost of tuition, fees, and other expenses
0 = No
1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview

**MCLNRSB**
Reason for undergraduate private loan: did not qualify for other aid [if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education?
Did not qualify for other aid
0 = No
1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview

**MCLNRSC**
Reason for undergraduate private loan: loan application faster [if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education?
Private loan application process was fast and easy
0 = No
1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview

**MCLNRSF**
Reason for undergraduate private loan: no difference in terms [if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education?
There was no difference in the terms of the private loan compared to other student loans available
0 = No
1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview

**MCLNRSG**
Reason for undergraduate private loan: deferment of loan repayment [if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education?
Loan repayment could be deferred until after graduation
0 = No
1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCLNRSH
Reason for undergraduate private loan: issued directly to student
[if MCUGLN = 3]
What reasons did you have for taking out private loans for your education since high school?
[else]
What reasons did you have for taking out private loans for your undergraduate education? Private education loan checks are issued directly to the student rather than distributed by institution's aid office
  0 = No
  1 = Yes
Applies to: Respondents who took out private loans for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCUGOWE
Amount owed for undergraduate education
How much of that amount do you still owe?
Applies to: Respondents who took out a loan amount of greater than 0.
Sources: BPS:04/09 field test student interview

MCLNWRTH
Consider loan debt a worthwhile investment
[if MCUGLN = 3]
Do you consider your student loan debt to be a worthwhile investment in your future?
[else]
Do you consider your undergraduate student loan debt to be a worthwhile investment in your future?
  0 = No
  1 = Yes
Applies to: Respondents who took out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNINL
Loan debt influenced enrollment plans
[if MCUGLN = 3]
Has the amount of student loan debt you have from your education since high school influenced your enrollment plans and decisions in any way?
[else]
Has the amount of student loan debt you have from your undergraduate education influenced your enrollment plans and decisions in any way?
  0 = No
  1 = Yes
Applies to: Respondents who took out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNIYA
Loan debt influenced enrollment: radio: increased classes
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Increased the number of classes or credits taken in a term to complete requirements sooner
  0 = No
  1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCLNIYB
Loan debt influenced enrollment: radio: enrolled during summer
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Enrolled during summer sessions to complete requirements sooner
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYC
Loan debt influenced enrollment: radio: changed major
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Changed major or selected a particular major to minimize loans needed
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYD
Loan debt influenced enrollment: radio: decreased number of courses
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Decreased the number of courses or credits taken each term to decrease cost of attendance
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYE
Loan debt influenced enrollment: radio: took terms off
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Took one or more terms off from school to help pay cost of attendance
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYF
Loan debt influenced enrollment: radio: postponed enrolling
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Postponed enrolling for additional education or training
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYG
Loan debt influenced enrollment: radio: lived at home
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Lived at home to help pay cost of attendance
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIYH
Loan debt influenced enrollment: radio: other
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Other reason not listed
0 = No
1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCLNIN2
Loan debt influenced enrollment: radio: other specify

[if MCUGLN = 3]
Please specify in what other way(s) your student loan debt has influenced your enrollment plans and decisions.
[else]
Please specify in what other way(s) your undergraduate student loan debt has influenced your enrollment plans and decisions.

Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MCLNIN3
Loan debt influenced enrollment: checkbox: increased classes

[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?

Increased the number of classes or credits taken in a term to complete requirements sooner

0 = No
1 = Yes

Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNIN4
Loan debt influenced enrollment: checkbox: decreased number of courses

[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?

Decreased the number of courses or credits taken each term to decrease cost of attendance

0 = No
1 = Yes

Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNIN5
Loan debt influenced enrollment: checkbox: took terms off

[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?

Took one or more terms off from school to help pay cost of attendance

0 = No
1 = Yes

Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNIN6
Loan debt influenced enrollment: checkbox: postponed enrolling

[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?

Postponed enrolling for additional education or training

0 = No
1 = Yes

Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCLNINH
Loan debt influenced enrollment: checkbox: lived at home
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Lived at home to help pay cost of attendance.
  0 = No
  1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNING
Loan debt influenced enrollment: checkbox: other
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Other reason not listed
  0 = No
  1 = Yes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNINS
Loan debt influenced enrollment: checkbox: other specify
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Please specify:
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MCLNIT01
Loan debt influenced enrollment 1: text box
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and were administered the text box/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MCLNID01
Loan debt influenced enrollment 1: self-coded drop downs
How would you categorize the answer(s) you gave? (Please match your response(s) provided below to a category from the drop down list.)
  1 = Increased the number of classes or credits taken in a term to complete requirements sooner
  2 = Enrolled during summer sessions to complete requirements sooner
  3 = Changed major or selected a particular major to minimize loans needed
  4 = Decreased the number of courses or credits taken each term to decrease cost of attendance
  5 = Took one or more terms off from school to help pay cost of attendance
  6 = Postponed enrolling for additional education or training
  7 = Lived at home to help pay cost of attendance
  8 = Other
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education and provided at least one response to the text box/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MCLNFA
Loan debt influenced enrollment: combined: increased classes
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Increased the number of classes or credits taken in a term to complete requirements sooner
  0 = Did not increase classes
  1 = Yes, increased classes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MCLNFB
Loan debt influenced enrollment: combined: enrolled during summer
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Enrolled during summer sessions to complete requirements sooner
  0 = Did not enroll during summer
  1 = Yes, enrolled during summer
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFC
Loan debt influenced enrollment: combined: changed major
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Changed major or selected a particular major to minimize loans needed
  0 = Did not change major
  1 = Yes, changed major
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFD
Loan debt influenced enrollment: combined: decreased number of courses
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Decreased the number of courses or credits taken each term to decrease cost of attendance
  0 = Did not decrease classes
  1 = Yes, decreased classes
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFE
Loan debt influenced enrollment: combined: took terms off
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Took one or more terms off from school to help pay cost of attendance
  0 = Did not take off terms
  1 = Yes, took off terms
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFF
Loan debt influenced enrollment: combined: postponed enrolling
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Postponed enrolling for additional education or training
  0 = Did not postpone enrolling
  1 = Yes, postponed enrolling
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFG
Loan debt influenced enrollment: combined: lived at home
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Lived at home to help pay cost of attendance
  0 = Did not move back home
  1 = Yes, moved back home
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview

MCLNFH
Loan debt influenced enrollment: combined: other
[if MCUGLN = 3]
In what ways has your student loan debt influenced your enrollment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?
Other reason not listed
  0 = No other reasons
  1 = Yes, other reasons
Applies to: Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.
Sources: BPS:04/09 field test student interview
### MCLNFS

Loan debt influenced enrollment: combined; other specify

\[ \text{if } \text{MCUGLN} = 3 \]

In what ways has your student loan debt influenced your enrollment plans and decisions?

[else]

In what ways has your undergraduate student loan debt influenced your enrollment plans and decisions?

Please specify:

**Applies to:** Respondents whose enrollment plans were affected by taking out a loan for their undergraduate education.

**Sources:** BPS:04/09 field test student interview

### MCPELL

Receive a PELL grant

Have you received a PELL grant since July 2005?

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008.

**Sources:** BPS:04/09 field test student interview

### MCSMART

Familiar with SMART grant

Are you familiar with the National SMART Grant that is available for some undergraduates?

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a PELL grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTA

SMART awareness: minimum GPA

The following conditions are requirements to receive a SMART grant. Please indicate whether you were aware of each of these requirements.

Minimum GPA of 3.0

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a PELL grant and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTB

SMART awareness: PELL eligibility

The following conditions are requirements to receive a SMART grant. Please indicate whether you were aware of each of these requirements.

Eligibility for the PELL grant

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008, received a PELL grant, and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTC

SMART awareness: full-time enrollment in 4-year program

The following conditions are requirements to receive a SMART grant. Please indicate whether you were aware of each of these requirements.

Full-time enrollment in a 4-year degree program

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008, received a PELL grant, and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTD

SMART awareness: 3rd or 4th year student

The following conditions are requirements to receive a SMART grant. Please indicate whether you were aware of each of these requirements.

Enrollment as a junior or senior (3rd or 4th year student)

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008, received a PELL grant, and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTE

SMART awareness: major requirement

The following conditions are requirements to receive a SMART grant. Please indicate whether you were aware of each of these requirements.

Major in science, math, engineering, technology, or a critical foreign language

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008, received a PELL grant, and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview

### MCSMTCR

Received SMART grant

Have you received a SMART Grant?

\[ 0 = \text{No} \]

\[ 1 = \text{Yes} \]

**Applies to:** Respondents who were enrolled as an undergraduate between July 2005 and June 2008, received a PELL grant, and were familiar with the SMART grant.

**Sources:** BPS:04/09 field test student interview
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Response Options</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCSMTG</td>
<td><strong>Change major for SMART grant</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRTY</td>
<td><strong>SMART grant: number of years</strong></td>
<td>1 = 1 year, 2 = 2 years</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRA</td>
<td><strong>SMART for only one year: major not eligible</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRB</td>
<td><strong>SMART for only one year: did not meet minimum GPA</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRD</td>
<td><strong>SMART for only one year: did not maintain full time status</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRE</td>
<td><strong>SMART for only one year: eligible only as a senior</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRF</td>
<td><strong>SMART for only one year: other</strong></td>
<td>0 = No, 1 = Yes</td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year. Sources: BPS:04/09 field test student interview</td>
</tr>
<tr>
<td>MCSMRS</td>
<td><strong>SMART for only one year: other specify</strong></td>
<td></td>
<td>Applies to: Respondents who were enrolled as an undergraduate between July 2005 and June 2008 and received a SMART grant for only one year and chose other reason. Sources: BPS:04/09 field test student interview</td>
</tr>
</tbody>
</table>
MCGRETR
Received employee tuition reimbursement
[If TCURENGR = 0 and TENRTPGR = 1 and TDGTYPGR = 6]
For the next set of questions, please answer about your post-baccalaureate training at [TSCHGR]. Did you receive any employer tuition reimbursement to help pay for your [TDGTYPGR] at [TSCHGR]?
[else if TCURENGR = 0 and TENRTPGR = 1 and TDGTYPGR ne 6]
For the next set of questions, please answer about your graduate enrollment at [TSCHGR]. Did you receive any employer tuition reimbursement to help pay for your [TDGTYPGR] at [TSCHGR]?
[else if TCURENGR = 0 and TENRTPGR in (2 3)]
For the next set of questions, please answer about your graduate enrollment at [TSCHGR]. Did you receive any employer tuition reimbursement to help pay for your graduate or post-baccalaureate coursework at [TSCHGR]?
[else if TCURENGR = 1 and TENRTPGR = 1 and TDGTYPGR = 6]
For the next set of questions, please answer about your post-baccalaureate training at [TSCHGR]. Have you received any employer tuition reimbursement to help pay for your [TDGTYPGR] at [TSCHGR]?
[else]
For the next set of questions, please answer about your graduate enrollment at [TSCHGR]. Have you received any employer tuition reimbursement to help pay for your [TDGTYPGR] at [TSCHGR]?
0 = No
1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCGRFLW
Received graduate fellowship/scholarship
[If TCURENGR = 0 and TENRTPGR = 1]
Were you awarded any kind of fellowship or scholarship when you were last enrolled at [TSCHGR] for your [TDGTYPGR]?
[else if TCURENGR = 0 and TENRTPGR in (2 3)]
Were you awarded any kind of fellowship or scholarship when you were last enrolled at [TSCHGR] for your graduate or post-baccalaureate coursework?
[else if TCURENGR = 1 and TENRTPGR = 1]
Have you been awarded any kind of fellowship or scholarship for your [TDGTYPGR] at [TSCHGR]?
[else]
Have you been awarded any kind of fellowship or scholarship for your graduate or post-baccalaureate coursework at [TSCHGR]?
0 = No
1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MCGRNLN
Any graduate loans
Did you take out a loan to help pay for any graduate education or post-baccalaureate training?
0 = No
1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, and could distinguish between their undergraduate and graduate loans.
Sources: BPS:04/09 field test student interview

MCGRRLTA
Graduate loan type: federal
What type of loans did you receive to help pay for your graduate education or post-baccalaureate training? A federal loan, such as a Stafford, Perkins, or Graduate PLUS loan
0 = No
1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, and could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview
MCGRLEB
Graduate loan type: private
What type of loans did you receive to help pay for your graduate education or post-baccalaureate training? A private loan, such as a Sallie Mae Signature, CitiAssist, or EXCEL loan

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEC
Graduate loan type: other
What type of loans did you receive to help pay for your graduate education or post-baccalaureate training?

Other type of loan
0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLETS
Graduate loan type: other specify
What type of loans did you receive to help pay for your graduate education or post-baccalaureate training?

Please specify:
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education and chose other type of graduate loan.
Sources: BPS:04/09 field test student interview

MCGRLEA
Reason for graduate private loan: aid package did not cover cost
What reasons did you have for taking out private loans? Aid package received did not cover the full cost of tuition, fees, and other expenses

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEB
Reason for graduate private loan: did not qualify for other aid
What reasons did you have for taking out private loans? Did not qualify for other aid

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEG
Reason for graduate private loan: aid package did not cover cost
What reasons did you have for taking out private loans? Aid package received did not cover the full cost of tuition, fees, and other expenses

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEH
Reason for graduate private loan: did not qualify for other aid
What reasons did you have for taking out private loans? Did not qualify for other aid

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEI
Reason for graduate private loan: aid package did not cover cost
What reasons did you have for taking out private loans? Aid package received did not cover the full cost of tuition, fees, and other expenses

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEJ
Reason for graduate private loan: did not qualify for other aid
What reasons did you have for taking out private loans? Did not qualify for other aid

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEK
Reason for graduate private loan: aid package did not cover cost
What reasons did you have for taking out private loans? Aid package received did not cover the full cost of tuition, fees, and other expenses

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.
Sources: BPS:04/09 field test student interview

MCGRLEL
Reason for graduate private loan: did not qualify for other aid
What reasons did you have for taking out private loans? Did not qualify for other aid

0 = No 1 = Yes
Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MCGRRLG**
*Reason for graduate private loan: deferment of loan repayment*
What reasons did you have for taking out private loans? Loan repayment could be deferred until after graduation
- 0 = Not because of loan repayment deferment
- 1 = Yes, because of loan repayment deferment

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.

Sources: BPS:04/09 field test student interview

**MCGRRLH**
*Reason for graduate private loan: issued directly to student*
What reasons did you have for taking out private loans? Private education loan checks are issued directly to the student rather than distributed by institution’s aid office
- 0 = Not because issued directly to student
- 1 = Yes, because issued directly to student

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.

Sources: BPS:04/09 field test student interview

**MCGRRLRI**
*Reason for graduate private loan: other*
What reasons did you have for taking out private loans? Other reason
- 0 = No other reasons
- 1 = Yes, other reasons

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education.

Sources: BPS:04/09 field test student interview

**MCGRRLRS**
*Reason for graduate private loan: other specify*
What reasons did you have for taking out private loans? Please specify:

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out private loans for their graduate education and chose other reason for taking out graduate private loans.

Sources: BPS:04/09 field test student interview

**MCGRAMT**
*Amount borrowed for graduate education*

- [if TCURENGR = 0]
  How much have you already borrowed in student loans for your entire graduate education and/or post-baccalaureate training? (Please do not include any money borrowed from family or friends.)

- [else]
  How much do you borrow in student loans for your entire graduate education and/or post-baccalaureate training? (Please do not include any money borrowed from family or friends.)

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education.

Sources: BPS:04/09 field test student interview

**MCGOWE**
*Amount owed for graduate education*
How much of that amount do you still owe?

* Applies to: Respondents who were enrolled as a graduate student between July 2005 and the time of the interview, could distinguish between their undergraduate and graduate loans, and took out loans for their graduate education, and reported an amount greater than 0.

Sources: BPS:04/09 field test student interview

**MCRPYST**
*Currently repaying any education loans*

- [if MCUGLN = 3]
  Are you currently repaying any of the educational loans for your education since high school?

- [else]
  Are you currently repaying any educational loans for your undergraduate education?

- 0 = No
- 1 = Yes

* Applies to: Respondents who owed money on their undergraduate loans.

Sources: BPS:04/09 field test student interview

**MCRPYAMT**
*Monthly payment on education loans*

- [if MCUGLN = 3]
  How much do you pay each month for your education loans?

- [else]
  How much do you pay each month for your undergraduate education loans?

* Applies to: Respondents who currently were repaying their undergraduate loans.

Recode note: If MCRPYST = 0 then MCRPYAMT = 0

Sources: BPS:04/09 field test student interview
MCNTPAY
Reason not currently repaying loans
[if MCUGLN = 3] Why are you not yet repaying your education loans?
[else]
Why are you not yet repaying your undergraduate loans?
  1 = Currently enrolled and not yet required to pay loans
  2 = Loans are in forbearance
  3 = Loans have been cancelled
  4 = Loans are in an individualized, income-contingent loan repayment plan which does not yet require repayment
  5 = Loans are still within 6-month grace period since graduation
  6 = Loans have been discharged due to personal bankruptcy
  7 = Other reason not listed
Applies to: Respondents who currently were not repaying their undergraduate loans.
Sources: BPS:04/09 field test student interview

MCNTPAS
Reason not currently repaying loans: other specify
[if MCUGLN = 3] Why are you not yet repaying your education loans?
[else]
Why are you not yet repaying your undergraduate loans?
  Please specify:
Applies to: Respondents who currently were not repaying their undergraduate loans and chose other reason for not repaying loans.
Sources: BPS:04/09 field test student interview

MCFAMLN
Help repaying loans
[if MCUGLN = 3] Do you expect that anyone, such as family or friends, will help you repay your education loans?
[else]
Do you expect that anyone, such as family or friends, will help you repay your undergraduate loans?
  0 = No
  1 = Yes
Applies to: Respondents who currently were repaying their undergraduate loans or were not repaying except for those whose reasons were loan cancellation or discharge due to bankruptcy.
Sources: BPS:04/09 field test student interview
Section D: Employment

**MDJSTAT**
Currently employed
Are you currently employed?
0 = No
1 = Yes
*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status.
Sources: BPS:04/09 field test student interview

**MDJBTL**
Job title
What is your job title and what do you do in your job? (Please enter your job title and duties in the textboxes below and click on the "Search for Occupation" button. If you have more than one job, please refer to the job at which you work the most hours when answering the next few questions.)
*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

**MDJBBDY**
Job duties
What is your job title and what do you do in your job? (Please enter your job title and duties in the textboxes below and click on the "Search for Occupation" button. If you have more than one job, please refer to the job at which you work the most hours when answering the next few questions.)
*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

**MDOCC2**
Occupation: general code
What is your job title and what do you do in your job? (Please enter your job title and duties in the textboxes below and click on the "Search for Occupation" button. If you have more than one job, please refer to the job at which you work the most hours when answering the next few questions.)
11 = Management Occupations
13 = Business and Financial Operations Occupations
15 = Computer and Mathematical Occupations
17 = Architecture and Engineering Occupations
19 = Life, Physical, and Social Science Occupations
21 = Community and Social Services Occupations
23 = Legal Occupations
25 = Education, Training, and Library Occupations
27 = Arts, Design, Entertainment, Sports, and Media Occupations
29 = Healthcare Practitioners and Technical Occupations
31 = Healthcare Support Occupations
33 = Protective Service Occupations
35 = Food Preparation and Serving Related Occupations
37 = Building and Grounds Cleaning and Maintenance Occupations
39 = Personal Care and Service Occupations
41 = Sales and Related Occupations
43 = Office and Administrative Support Occupations
45 = Farming, Fishing, and Forestry Occupations
47 = Construction and Extraction Occupations
49 = Installation, Maintenance, and Repair Occupations
51 = Production Occupations
53 = Transportation and Material Moving Occupations
55 = Military Specific Occupations
*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview
MDOCC3

Occupation: specific code

What is your job title and what do you do in your job?
(Please enter your job title and duties in the textboxes below and click on the "Search for Occupation" button.
If you have more than one job, please refer to the job at which you work the most hours when answering the next few questions.)

111 = Top executives
112 = Advertising/marketing/etc manager
113 = Operations specialties manager
119 = Other management
131 = Business operations specialist
132 = Financial specialist
151 = Computer specialist
152 = Mathematical science
171 = Architects, surveyors, and cartographers
172 = Engineers
173 = Drafter/engineering/mapping technician
191 = Life scientists
192 = Physical scientists
193 = Social scientists and related workers
194 = Life/physical/social science technician
211 = Counselor/social worker/other specialist
212 = Religious workers
231 = Lawyers, judges, and related workers
232 = Legal support workers
251 = Postsecondary teacher
252 = Primary/secondary/special ed teacher
253 = Other teachers and instructors
254 = Librarians, curators, and archivists
259 = Other education/training/library
271 = Art and design workers
272 = Entertainer/performer/sports/related
273 = Media and communication
274 = Media and communication equipment
291 = Health diagnosing/treating practitioner
292 = Health technologists and technicians
299 = Other healthcare practitioner/technical
311 = Nursing/psychiatric/home health aide
312 = Occupational/physical therapist aide
319 = Other healthcare support
331 = First-line manager, protective service
332 = Fire fighting and prevention
333 = Law enforcement
339 = Other protective service
351 = Supervisor, food preparation and serving
352 = Cooks and food preparation
353 = Food and beverage serving
359 = Other food preparation/serving related
371 = Supervisor, building/grounds maintenance
372 = Building cleaning and pest control
373 = Grounds maintenance
391 = Supervisor, personal care and service
392 = Animal care and service
393 = Entertainment attendants and related
394 = Funeral service
395 = Personal appearance
396 = Transportation/tourism/lodging attendant
399 = Other personal care and service
411 = Supervisors, sales
412 = Retail sales
413 = Sales representative, services
414 = Sales representative, wholesale, etc
419 = Other sales and related
431 = Supervisor, office/administrative
432 = Communications equipment operators
433 = Financial clerks
434 = Information and record clerks
435 = Material recording, scheduling, etc
436 = Secretaries and administrative assistant
439 = Other office and administrative support
451 = Supervisor, farming/fishing/forestry
452 = Agricultural
453 = Fishing and hunting
454 = Forest, conservation, and logging
471 = Supervisors, construction and extraction
472 = Construction trades
473 = Helpers, construction trades
474 = Other construction and related
475 = Extraction
491 = Supervisor, installation, etc
492 = Electrical equipment installer, etc
493 = Vehicle/mobile equipment installers, etc
499 = Other installation, etc
511 = Supervisors, production
512 = Assemblers and fabricators
513 = Food processing
514 = Metal workers and plastic
515 = Printing
516 = Textile, apparel, and furnishings
517 = Woodworkers
518 = Plant and system operators
519 = Other production
531 = Supervisor, transportation/moving
532 = Air transportation
533 = Motor vehicle operator
534 = Rail transportation
535 = Water transportation
536 = Other transportation
537 = Material moving
551 = Military officer special/tactical ops
552 = First-line enlisted military supervisor
553 = Enlisted tactical ops, air/weapon crew

Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview
## Occupation: detailed code

What is your job title and what do you do in your job? (Please enter your job title and duties in the textboxes below and click on the "Search for Occupation" button. If you have more than one job, please refer to the job at which you work the most hours when answering the next few questions.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td>111011</td>
<td>Chief execs, landscaping/groundskeeping</td>
</tr>
<tr>
<td>111021</td>
<td>General and operations managers</td>
</tr>
<tr>
<td>111031</td>
<td>Legislators, tree trimmers and pruners</td>
</tr>
<tr>
<td>112011</td>
<td>Advertising and promotions managers</td>
</tr>
<tr>
<td>112021</td>
<td>Marketing managers, gaming supervisors</td>
</tr>
<tr>
<td>112022</td>
<td>Sales managers, slot key persons</td>
</tr>
<tr>
<td>112031</td>
<td>Public relations managers</td>
</tr>
<tr>
<td>113011</td>
<td>Admin services manager, animal trainer</td>
</tr>
<tr>
<td>113021</td>
<td>Computer/information systems managers</td>
</tr>
<tr>
<td>113031</td>
<td>Financial managers</td>
</tr>
<tr>
<td>113041</td>
<td>Compensation and benefits managers</td>
</tr>
<tr>
<td>113042</td>
<td>Training and development managers</td>
</tr>
<tr>
<td>113049</td>
<td>Human resources managers, all other</td>
</tr>
<tr>
<td>113051</td>
<td>Industrial production managers</td>
</tr>
<tr>
<td>113061</td>
<td>Purchasing managers</td>
</tr>
<tr>
<td>113071</td>
<td>Transportation, storage, etc manager</td>
</tr>
<tr>
<td>119011</td>
<td>Farm/ranch/other agricultural managers</td>
</tr>
<tr>
<td>119012</td>
<td>Farmers and ranchers</td>
</tr>
<tr>
<td>119021</td>
<td>Construction managers</td>
</tr>
<tr>
<td>119031</td>
<td>Ed administrator/preschool/child care</td>
</tr>
<tr>
<td>119032</td>
<td>Ed administrator, elementary/secondary</td>
</tr>
<tr>
<td>119033</td>
<td>Ed administrator, postsecondary</td>
</tr>
<tr>
<td>119039</td>
<td>Ed administrator, all other</td>
</tr>
<tr>
<td>119041</td>
<td>Engineering managers</td>
</tr>
<tr>
<td>119051</td>
<td>Food service managers</td>
</tr>
<tr>
<td>119061</td>
<td>Funeral directors</td>
</tr>
<tr>
<td>119071</td>
<td>Gaming managers</td>
</tr>
<tr>
<td>119081</td>
<td>Lodging managers</td>
</tr>
<tr>
<td>119111</td>
<td>Medical and health services managers</td>
</tr>
<tr>
<td>119121</td>
<td>Natural sciences managers</td>
</tr>
<tr>
<td>119131</td>
<td>Postmasters and mail superintendents</td>
</tr>
<tr>
<td>119141</td>
<td>Property, real estate, etc managers</td>
</tr>
<tr>
<td>119151</td>
<td>Social and community service managers</td>
</tr>
<tr>
<td>119199</td>
<td>Managers, all other</td>
</tr>
<tr>
<td>131011</td>
<td>Agent/business manager of artists</td>
</tr>
<tr>
<td>131021</td>
<td>Purchasing agent/buyer, farm products</td>
</tr>
<tr>
<td>131022</td>
<td>Wholesale/retail buyer, except farm</td>
</tr>
<tr>
<td>131023</td>
<td>Purchasing agent, except wholesale</td>
</tr>
<tr>
<td>131031</td>
<td>Claims adjuster, examiner, investigator</td>
</tr>
<tr>
<td>131032</td>
<td>Insurance appraisers, auto damage</td>
</tr>
<tr>
<td>131041</td>
<td>Compliance officer (not agriculture)</td>
</tr>
<tr>
<td>131051</td>
<td>Cost estimators</td>
</tr>
<tr>
<td>131061</td>
<td>Emergency management specialists</td>
</tr>
<tr>
<td>131071</td>
<td>Employment, recruitment, specialist</td>
</tr>
<tr>
<td>131072</td>
<td>Compensation, benefits, specialist</td>
</tr>
<tr>
<td>131073</td>
<td>Training and development specialists</td>
</tr>
<tr>
<td>131079</td>
<td>Hr/training/specialists, all other</td>
</tr>
<tr>
<td>131081</td>
<td>Logisticians</td>
</tr>
<tr>
<td>131111</td>
<td>Management analysts</td>
</tr>
<tr>
<td>131121</td>
<td>Meeting and convention planners</td>
</tr>
<tr>
<td>131199</td>
<td>Business ops specialists, all other</td>
</tr>
<tr>
<td>132011</td>
<td>Accountants and auditors</td>
</tr>
<tr>
<td>132021</td>
<td>Appraisers and assessors of real estate</td>
</tr>
<tr>
<td>132031</td>
<td>Budget analysts</td>
</tr>
<tr>
<td>132041</td>
<td>Credit analysts</td>
</tr>
<tr>
<td>132051</td>
<td>Financial analysts</td>
</tr>
<tr>
<td>132052</td>
<td>Personal financial advisors</td>
</tr>
<tr>
<td>132053</td>
<td>Insurance underwriters</td>
</tr>
<tr>
<td>132061</td>
<td>Financial examiners</td>
</tr>
<tr>
<td>132071</td>
<td>Loan counselors</td>
</tr>
<tr>
<td>132072</td>
<td>Loan officers</td>
</tr>
<tr>
<td>132081</td>
<td>Tax examiner, collector, revenue agent</td>
</tr>
<tr>
<td>132082</td>
<td>Tax preparers</td>
</tr>
<tr>
<td>132099</td>
<td>Financial specialists, all other</td>
</tr>
<tr>
<td>151011</td>
<td>Computer and info scientist, research</td>
</tr>
<tr>
<td>151021</td>
<td>Computer programmers</td>
</tr>
<tr>
<td>151031</td>
<td>Computer software engineer, applications</td>
</tr>
<tr>
<td>151032</td>
<td>Computer software engineer, systems</td>
</tr>
<tr>
<td>151041</td>
<td>Computer support specialists</td>
</tr>
<tr>
<td>151051</td>
<td>Computer systems analysts</td>
</tr>
<tr>
<td>151061</td>
<td>Database administrators</td>
</tr>
<tr>
<td>151071</td>
<td>Network/computer systems administrator</td>
</tr>
<tr>
<td>151081</td>
<td>Network system/data analyst</td>
</tr>
<tr>
<td>151099</td>
<td>Computer specialists, all other</td>
</tr>
<tr>
<td>152011</td>
<td>Actuaries</td>
</tr>
<tr>
<td>152021</td>
<td>Mathematicians</td>
</tr>
<tr>
<td>152031</td>
<td>Operations research analysts</td>
</tr>
<tr>
<td>152041</td>
<td>Statisticians</td>
</tr>
<tr>
<td>152091</td>
<td>Mathematical technicians</td>
</tr>
<tr>
<td>152099</td>
<td>Mathematical scientists, all other</td>
</tr>
<tr>
<td>171011</td>
<td>Architects, except landscape and naval</td>
</tr>
<tr>
<td>171012</td>
<td>Landscape architects</td>
</tr>
<tr>
<td>171021</td>
<td>Cartographers and photogrammetrists</td>
</tr>
<tr>
<td>171022</td>
<td>Surveyors</td>
</tr>
<tr>
<td>172011</td>
<td>Aerospace engineer</td>
</tr>
<tr>
<td>172021</td>
<td>Agricultural engineer</td>
</tr>
<tr>
<td>172031</td>
<td>Biomedical engineer</td>
</tr>
<tr>
<td>172041</td>
<td>Chemical engineer</td>
</tr>
<tr>
<td>172051</td>
<td>Civil engineer</td>
</tr>
<tr>
<td>172061</td>
<td>Computer hardware engineer</td>
</tr>
<tr>
<td>172071</td>
<td>Electrical engineer</td>
</tr>
<tr>
<td>172072</td>
<td>Electronics engineer, except computer</td>
</tr>
<tr>
<td>172081</td>
<td>Environmental engineer</td>
</tr>
<tr>
<td>172111</td>
<td>Health/safety engineer, except mining</td>
</tr>
<tr>
<td>172112</td>
<td>Industrial engineer</td>
</tr>
<tr>
<td>172121</td>
<td>Marine engineer and naval architect</td>
</tr>
<tr>
<td>172131</td>
<td>Materials engineer</td>
</tr>
<tr>
<td>172141</td>
<td>Mechanical engineer</td>
</tr>
<tr>
<td>172151</td>
<td>Geological engineer, including mining</td>
</tr>
<tr>
<td>172161</td>
<td>Nuclear engineer</td>
</tr>
<tr>
<td>172171</td>
<td>Petroleum engineer</td>
</tr>
<tr>
<td>172199</td>
<td>Engineer, all other</td>
</tr>
<tr>
<td>173011</td>
<td>Architectural and civil drafter</td>
</tr>
<tr>
<td>173012</td>
<td>Electrical and electronics drafter</td>
</tr>
<tr>
<td>173013</td>
<td>Mechanical drafter</td>
</tr>
<tr>
<td>173019</td>
<td>Drafter, all other</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------------------------------------</td>
</tr>
<tr>
<td>173021</td>
<td>Aerospace engineer/ops technician</td>
</tr>
<tr>
<td>173022</td>
<td>Civil engineering technician</td>
</tr>
<tr>
<td>173023</td>
<td>Electrical engineering technician</td>
</tr>
<tr>
<td>173024</td>
<td>Electro-mechanical technician</td>
</tr>
<tr>
<td>173025</td>
<td>Environmental engineering technician</td>
</tr>
<tr>
<td>173026</td>
<td>Industrial engineering technician</td>
</tr>
<tr>
<td>173027</td>
<td>Mechanical engineering technician</td>
</tr>
<tr>
<td>173029</td>
<td>Engineering tech, other (except drafter)</td>
</tr>
<tr>
<td>173031</td>
<td>Surveying and mapping technician</td>
</tr>
<tr>
<td>191011</td>
<td>Animal scientists</td>
</tr>
<tr>
<td>191012</td>
<td>Food scientists and technologists</td>
</tr>
<tr>
<td>191013</td>
<td>Soil and plant scientists</td>
</tr>
<tr>
<td>191021</td>
<td>Biochemists and biophysic Peace</td>
</tr>
<tr>
<td>191022</td>
<td>Microbiologists</td>
</tr>
<tr>
<td>191023</td>
<td>Zoologists and wildlife biologists</td>
</tr>
<tr>
<td>191029</td>
<td>Biological scientists, all other</td>
</tr>
<tr>
<td>191031</td>
<td>Conservation scientists</td>
</tr>
<tr>
<td>191032</td>
<td>Foresters</td>
</tr>
<tr>
<td>191041</td>
<td>Epidemiologists</td>
</tr>
<tr>
<td>191042</td>
<td>Medical scientist, except epidemiologist</td>
</tr>
<tr>
<td>191099</td>
<td>Life scientists, all other</td>
</tr>
<tr>
<td>192011</td>
<td>Astronomers</td>
</tr>
<tr>
<td>192012</td>
<td>Physicists</td>
</tr>
<tr>
<td>192021</td>
<td>Atmospheric and space scientists</td>
</tr>
<tr>
<td>192031</td>
<td>Chemists</td>
</tr>
<tr>
<td>192032</td>
<td>Materials scientists</td>
</tr>
<tr>
<td>192041</td>
<td>Environmental scientist, includes health</td>
</tr>
<tr>
<td>192042</td>
<td>Geoscientist, except hydrologists</td>
</tr>
<tr>
<td>192043</td>
<td>Hydrologists</td>
</tr>
<tr>
<td>192099</td>
<td>Physical scientists, all other</td>
</tr>
<tr>
<td>193011</td>
<td>Economists</td>
</tr>
<tr>
<td>193021</td>
<td>Market research analysts</td>
</tr>
<tr>
<td>193022</td>
<td>Survey researchers</td>
</tr>
<tr>
<td>193031</td>
<td>Clinical/counseling/school psychologist</td>
</tr>
<tr>
<td>193032</td>
<td>Industrial-organizational psychologists</td>
</tr>
<tr>
<td>193039</td>
<td>Psychologists, all other</td>
</tr>
<tr>
<td>193041</td>
<td>Sociologists</td>
</tr>
<tr>
<td>193051</td>
<td>Urban and regional planners</td>
</tr>
<tr>
<td>193091</td>
<td>Anthropologists and archeologists</td>
</tr>
<tr>
<td>193092</td>
<td>Geographers</td>
</tr>
<tr>
<td>193093</td>
<td>Historians</td>
</tr>
<tr>
<td>193094</td>
<td>Political scientists</td>
</tr>
<tr>
<td>193099</td>
<td>Social scientist and related, other</td>
</tr>
<tr>
<td>194011</td>
<td>Agricultural and food science technician</td>
</tr>
<tr>
<td>194021</td>
<td>Biological technician</td>
</tr>
<tr>
<td>194031</td>
<td>Chemical technician</td>
</tr>
<tr>
<td>194041</td>
<td>Geological and petroleum technician</td>
</tr>
<tr>
<td>194051</td>
<td>Nuclear technician</td>
</tr>
<tr>
<td>194061</td>
<td>Social science research assistant</td>
</tr>
<tr>
<td>194091</td>
<td>Environmental/protection science tech</td>
</tr>
<tr>
<td>194092</td>
<td>Forensic science technician</td>
</tr>
<tr>
<td>194093</td>
<td>Forest and conservation technician</td>
</tr>
<tr>
<td>194099</td>
<td>Life/physical technician, other</td>
</tr>
<tr>
<td>211011</td>
<td>Substance abuse/behavioral counselor</td>
</tr>
<tr>
<td>211012</td>
<td>Ed, vocational, and school counselor</td>
</tr>
<tr>
<td>211013</td>
<td>Marriage and family therapists</td>
</tr>
<tr>
<td>211014</td>
<td>Mental health counselors</td>
</tr>
<tr>
<td>211015</td>
<td>Rehabilitation counselors</td>
</tr>
<tr>
<td>211019</td>
<td>Counselors, all other</td>
</tr>
<tr>
<td>211021</td>
<td>Child, family, and school social workers</td>
</tr>
<tr>
<td>211022</td>
<td>Medical and public health social workers</td>
</tr>
<tr>
<td>211023</td>
<td>Mental health/substance social worker</td>
</tr>
<tr>
<td>211029</td>
<td>Social workers, all other</td>
</tr>
<tr>
<td>211091</td>
<td>Health educators</td>
</tr>
<tr>
<td>211092</td>
<td>Probation officer/correctional treatment</td>
</tr>
<tr>
<td>211093</td>
<td>Social and human service assistants</td>
</tr>
<tr>
<td>211099</td>
<td>Community/social specialist, other</td>
</tr>
<tr>
<td>212011</td>
<td>Clergy</td>
</tr>
<tr>
<td>212021</td>
<td>Director, religious activities, and educ</td>
</tr>
<tr>
<td>212099</td>
<td>Religious workers, all other</td>
</tr>
<tr>
<td>231011</td>
<td>Lawyers</td>
</tr>
<tr>
<td>231021</td>
<td>Administrative law judge, etc</td>
</tr>
<tr>
<td>231022</td>
<td>Arbitrators, mediators, and conciliators</td>
</tr>
<tr>
<td>231023</td>
<td>Judge, magistrate judge, magistrate</td>
</tr>
<tr>
<td>232011</td>
<td>Paralegals and legal assistants</td>
</tr>
<tr>
<td>232091</td>
<td>Court reporters</td>
</tr>
<tr>
<td>232092</td>
<td>Law clerks</td>
</tr>
<tr>
<td>232093</td>
<td>Title examiner, abstractor, and searcher</td>
</tr>
<tr>
<td>232099</td>
<td>Legal support workers, all other</td>
</tr>
<tr>
<td>251011</td>
<td>Business, postsecondary</td>
</tr>
<tr>
<td>251021</td>
<td>Computer science, postsecondary</td>
</tr>
<tr>
<td>251022</td>
<td>Mathematical science, postsecondary</td>
</tr>
<tr>
<td>251031</td>
<td>Architecture, postsecondary</td>
</tr>
<tr>
<td>251032</td>
<td>Engineering teachers, postsecondary</td>
</tr>
<tr>
<td>251041</td>
<td>Agricultural science, postsecondary</td>
</tr>
<tr>
<td>251042</td>
<td>Biological science, postsecondary</td>
</tr>
<tr>
<td>251043</td>
<td>Forestry/conservation sci, postsecondary</td>
</tr>
<tr>
<td>251051</td>
<td>Atmospheric science, postsecondary</td>
</tr>
<tr>
<td>251052</td>
<td>Chemistry, postsecondary</td>
</tr>
<tr>
<td>251053</td>
<td>Environmental science, postsecondary</td>
</tr>
<tr>
<td>251054</td>
<td>Physics, postsecondary</td>
</tr>
<tr>
<td>251061</td>
<td>Anthropology/archeology, postsecondary</td>
</tr>
<tr>
<td>251062</td>
<td>Area/ethnic/cultural, postsecondary</td>
</tr>
<tr>
<td>251063</td>
<td>Economics, postsecondary</td>
</tr>
<tr>
<td>251064</td>
<td>Geography, postsecondary</td>
</tr>
<tr>
<td>251065</td>
<td>Political science, postsecondary</td>
</tr>
<tr>
<td>251066</td>
<td>Psychology, postsecondary</td>
</tr>
<tr>
<td>251067</td>
<td>Sociology, postsecondary</td>
</tr>
<tr>
<td>251069</td>
<td>Social science, postsecondary, all other</td>
</tr>
<tr>
<td>251071</td>
<td>Health specialties, postsecondary</td>
</tr>
<tr>
<td>251072</td>
<td>Nurse instructor/teacher, postsecondary</td>
</tr>
<tr>
<td>251081</td>
<td>Education, postsecondary</td>
</tr>
<tr>
<td>251082</td>
<td>Library science, postsecondary</td>
</tr>
<tr>
<td>251111</td>
<td>Criminal justice, etc, postsecondary</td>
</tr>
<tr>
<td>251112</td>
<td>Law, postsecondary</td>
</tr>
<tr>
<td>251113</td>
<td>Social work, postsecondary</td>
</tr>
<tr>
<td>251121</td>
<td>Art, drama, and music, postsecondary</td>
</tr>
<tr>
<td>251122</td>
<td>Communications, postsecondary</td>
</tr>
<tr>
<td>251123</td>
<td>English lang/literature, postsecondary</td>
</tr>
<tr>
<td>251124</td>
<td>Foreign lang/literature, postsecondary</td>
</tr>
<tr>
<td>251125</td>
<td>History, postsecondary</td>
</tr>
<tr>
<td>251126</td>
<td>Philosophy and religion, postsecondary</td>
</tr>
<tr>
<td>251191</td>
<td>Graduate teaching assistants</td>
</tr>
<tr>
<td>251192</td>
<td>Home economics, postsecondary</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>251193</td>
<td>Recreation/fitness, postsecondary</td>
</tr>
<tr>
<td>251194</td>
<td>Vocational education, postsecondary</td>
</tr>
<tr>
<td>251199</td>
<td>All other, postsecondary</td>
</tr>
<tr>
<td>252011</td>
<td>Preschool teacher, except special ed</td>
</tr>
<tr>
<td>252012</td>
<td>Kindergarten teacher, except special ed</td>
</tr>
<tr>
<td>252021</td>
<td>Elementary teacher, except special ed</td>
</tr>
<tr>
<td>252022</td>
<td>Middle teacher, except special/voc</td>
</tr>
<tr>
<td>252023</td>
<td>Vocational ed teacher, middle</td>
</tr>
<tr>
<td>252031</td>
<td>Secondary teacher, except special/</td>
</tr>
<tr>
<td></td>
<td>voc ed</td>
</tr>
<tr>
<td>252032</td>
<td>Vocational ed teacher, secondary</td>
</tr>
<tr>
<td>252041</td>
<td>Special ed teacher, pre-k//k/elementary</td>
</tr>
<tr>
<td>252042</td>
<td>Special ed teacher, middle</td>
</tr>
<tr>
<td>252043</td>
<td>Special ed teacher, secondary</td>
</tr>
<tr>
<td>253011</td>
<td>Adult literacy/remedial ed//ged teacher</td>
</tr>
<tr>
<td>253021</td>
<td>Self-enrichment education teacher</td>
</tr>
<tr>
<td>253099</td>
<td>Teachers and instructors, all other</td>
</tr>
<tr>
<td>254011</td>
<td>Archivists</td>
</tr>
<tr>
<td>254012</td>
<td>Curators</td>
</tr>
<tr>
<td>254013</td>
<td>Museum technicians and conservators</td>
</tr>
<tr>
<td>254021</td>
<td>Librarians</td>
</tr>
<tr>
<td>254031</td>
<td>Library technicians</td>
</tr>
<tr>
<td>259011</td>
<td>Audio-visual collections specialists</td>
</tr>
<tr>
<td>259021</td>
<td>Farm and home management advisors</td>
</tr>
<tr>
<td>259031</td>
<td>Instructional coordinators</td>
</tr>
<tr>
<td>259041</td>
<td>Teacher assistants</td>
</tr>
<tr>
<td>259099</td>
<td>Ed/training/library worker, all other</td>
</tr>
<tr>
<td>271011</td>
<td>Art directors</td>
</tr>
<tr>
<td>271012</td>
<td>Craft artists</td>
</tr>
<tr>
<td>271013</td>
<td>Fine artist, including painter, etc</td>
</tr>
<tr>
<td>271014</td>
<td>Multi-media artists and animators</td>
</tr>
<tr>
<td>271019</td>
<td>Artists and related workers, all other</td>
</tr>
<tr>
<td>271021</td>
<td>Commercial and industrial designers</td>
</tr>
<tr>
<td>271022</td>
<td>Fashion designers</td>
</tr>
<tr>
<td>271023</td>
<td>Floral designers</td>
</tr>
<tr>
<td>271024</td>
<td>Graphic designers</td>
</tr>
<tr>
<td>271025</td>
<td>Interior designers</td>
</tr>
<tr>
<td>271026</td>
<td>Merchandise displayer/window trimmer</td>
</tr>
<tr>
<td>271027</td>
<td>Set and exhibit designers</td>
</tr>
<tr>
<td>271029</td>
<td>Designers, all other</td>
</tr>
<tr>
<td>272011</td>
<td>Actors</td>
</tr>
<tr>
<td>272012</td>
<td>Producers and directors</td>
</tr>
<tr>
<td>272021</td>
<td>Athletes and sports competitors</td>
</tr>
<tr>
<td>272022</td>
<td>Coaches and scouts</td>
</tr>
<tr>
<td>272023</td>
<td>Umpire/referee/other sports official</td>
</tr>
<tr>
<td>272031</td>
<td>Dancers</td>
</tr>
<tr>
<td>272032</td>
<td>Choreographers</td>
</tr>
<tr>
<td>272041</td>
<td>Music directors and composers</td>
</tr>
<tr>
<td>272042</td>
<td>Musicians and singers</td>
</tr>
<tr>
<td>272099</td>
<td>Entertainer/performer/sports, other</td>
</tr>
<tr>
<td>273011</td>
<td>Radio and television announcers</td>
</tr>
<tr>
<td>273012</td>
<td>Public address system/other announcer</td>
</tr>
<tr>
<td>273021</td>
<td>Broadcast news analysts</td>
</tr>
<tr>
<td>273022</td>
<td>Reporters and correspondents</td>
</tr>
<tr>
<td>273031</td>
<td>Public relations specialists</td>
</tr>
<tr>
<td>273041</td>
<td>Editors</td>
</tr>
<tr>
<td>273042</td>
<td>Technical writers</td>
</tr>
<tr>
<td>273043</td>
<td>Writers and authors</td>
</tr>
<tr>
<td>273091</td>
<td>Interpreters and translators</td>
</tr>
<tr>
<td>273099</td>
<td>Media/communication worker, all other</td>
</tr>
<tr>
<td>274011</td>
<td>Audio and video equipment technicians</td>
</tr>
<tr>
<td>274012</td>
<td>Broadcast technicians</td>
</tr>
<tr>
<td>274013</td>
<td>Radio operators</td>
</tr>
<tr>
<td>274014</td>
<td>Sound engineering technicians</td>
</tr>
<tr>
<td>274021</td>
<td>Photographers</td>
</tr>
<tr>
<td>274031</td>
<td>Camera operator/tv/video/motion picture</td>
</tr>
<tr>
<td>274032</td>
<td>Film and video editors</td>
</tr>
<tr>
<td>274099</td>
<td>Media/communication equipment, all other</td>
</tr>
<tr>
<td>291011</td>
<td>Chiropractors</td>
</tr>
<tr>
<td>291021</td>
<td>Dentists, general</td>
</tr>
<tr>
<td>291022</td>
<td>Oral and maxillofacial surgeons</td>
</tr>
<tr>
<td>291023</td>
<td>Orthodontists</td>
</tr>
<tr>
<td>291024</td>
<td>Prosthodontists</td>
</tr>
<tr>
<td>291029</td>
<td>Dentists, all other specialists</td>
</tr>
<tr>
<td>291031</td>
<td>Dietitians and nutritionists</td>
</tr>
<tr>
<td>291041</td>
<td>Optometrists</td>
</tr>
<tr>
<td>291051</td>
<td>Pharmacists</td>
</tr>
<tr>
<td>291061</td>
<td>Anesthesiologists</td>
</tr>
<tr>
<td>291062</td>
<td>Family and general practitioners</td>
</tr>
<tr>
<td>291063</td>
<td>Internists, general</td>
</tr>
<tr>
<td>291064</td>
<td>Obstetricians and gynecologists</td>
</tr>
<tr>
<td>291065</td>
<td>Pediatricians, general</td>
</tr>
<tr>
<td>291066</td>
<td>Psychiatrists</td>
</tr>
<tr>
<td>291067</td>
<td>Surgeons</td>
</tr>
<tr>
<td>291069</td>
<td>Physicians and surgeons, all other</td>
</tr>
<tr>
<td>291071</td>
<td>Physician assistants</td>
</tr>
<tr>
<td>291081</td>
<td>Podiatrists</td>
</tr>
<tr>
<td>291111</td>
<td>Registered nurses</td>
</tr>
<tr>
<td>291121</td>
<td>Audiologists</td>
</tr>
<tr>
<td>291122</td>
<td>Occupational therapists</td>
</tr>
<tr>
<td>291123</td>
<td>Physical therapists</td>
</tr>
<tr>
<td>291124</td>
<td>Radiation therapists</td>
</tr>
<tr>
<td>291125</td>
<td>Recreational therapists</td>
</tr>
<tr>
<td>291126</td>
<td>Respiratory therapists</td>
</tr>
<tr>
<td>291127</td>
<td>Speech-language pathologists</td>
</tr>
<tr>
<td>291129</td>
<td>Therapists, all other</td>
</tr>
<tr>
<td>291131</td>
<td>Veterinarians</td>
</tr>
<tr>
<td>291199</td>
<td>Health diagnosing practitioner, other</td>
</tr>
<tr>
<td>292011</td>
<td>Medical/clinical laboratory technologist</td>
</tr>
<tr>
<td>292012</td>
<td>Medical/clinical laboratory technician</td>
</tr>
<tr>
<td>292021</td>
<td>Dental hygienists</td>
</tr>
<tr>
<td>292031</td>
<td>Cardiovascular technologist/technician</td>
</tr>
<tr>
<td>292032</td>
<td>Diagnostic medical sonographers</td>
</tr>
<tr>
<td>292033</td>
<td>Nuclear medicine technologists</td>
</tr>
<tr>
<td>292034</td>
<td>Radiologic technologists and technicians</td>
</tr>
<tr>
<td>292041</td>
<td>Emergency medical technician/paramedic</td>
</tr>
<tr>
<td>292051</td>
<td>Dietetic technicians</td>
</tr>
<tr>
<td>292052</td>
<td>Pharmacy technicians</td>
</tr>
<tr>
<td>292053</td>
<td>Psychiatric technicians</td>
</tr>
<tr>
<td>292054</td>
<td>Respiratory therapy technicians</td>
</tr>
<tr>
<td>292055</td>
<td>Surgical technologists</td>
</tr>
<tr>
<td>292056</td>
<td>Veterinary technologists and technicians</td>
</tr>
</tbody>
</table>
Appendix C. Facsimile of Field Test Instrument

32061 = Licensed practical/vocational nurse
32071 = Medical records/health info technician
32081 = Opticians, dispensing
32091 = Orthotists and prosthetists
32099 = Health technologist/technician, other
32911 = Occupational health/safety specialist
32912 = Occupational health/safety technician
32909 = Healthcare practitioner/technical, other
33011 = Home health aides
33012 = Nursing aides, orderlies, and attendants
33013 = Psychiatric aides
33011 = Occupational therapist assistants
33012 = Occupational therapist aides
33021 = Physical therapist assistants
33022 = Physical therapist aides
33011 = Massage therapists
33001 = Dental assistants
33002 = Medical assistants
33003 = Medical equipment preparers
33004 = Medical transcriptionists
33005 = Pharmacy aides
33006 = Veterinary assistant/lab animal care
33009 = Healthcare support workers, all other
34211 = First-line manager, correctional officer
34212 = First-line manager, police/detectives
34212 = First-line manager, fire fighting, etc
34209 = First-line manager, protective, other
34201 = Fire fighters
34202 = Fire inspectors and investigators
34202 = Forest fire/prevention specialist
34301 = Bailiffs
34301 = Correctional officers and jailers
34302 = Detectives and criminal investigators
34303 = Fish and game wardens
34304 = Parking enforcement workers
34305 = Police and sheriff patrol officers
34302 = Transit and railroad police
34301 = Animal control workers
34302 = Private detectives and investigators
34303 = Gaming dealers
34304 = Gaming and sports book writer/runner
34305 = Gaming service workers, all other
34302 = Motion picture projectionists
34303 = Usher, lobby attendant, and ticket taker
34304 = Amusement and recreation attendants
34305 = Costume attendants
34306 = Locker/coat/dressing room attendant
34307 = Entertainment attendant, related, other
34308 = Embalmers
34309 = Funeral attendants
34301 = Barbers
34302 = Hairdresser, hairstylist, cosmetologist
34303 = Makeup artist, theatrical/performance
34304 = Manicurists and pedicurists
34305 = Shampooers
34306 = Skin care specialists
34307 = Baggage porters and bellhops
34308 = Concierges
34309 = Tour guides and escorts
34310 = Travel guides
34311 = Flight attendants
34312 = Transportation (not flight) attendant
34313 = Child care workers
34314 = Personal and home care aides
34315 = Fitness trainer and aerobics instructor
34316 = Recreation workers
34317 = Residential advisors
34318 = Personal care/service worker, all other
34319 = First-line manager, retail sales
34320 = First-line manager, non-retail sales
34321 = Cashiers
34322 = Gaming change persons and booth cashiers
34323 = Counter and rental clerks
34324 = Parts salespersons
34325 = Retail salespersons
34326 = Advertising sales agents
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>413021</td>
<td>Insurance sales agents</td>
</tr>
<tr>
<td>413031</td>
<td>Securities, commodities, etc agent</td>
</tr>
<tr>
<td>413041</td>
<td>Travel agents</td>
</tr>
<tr>
<td>413099</td>
<td>Sales representative, services, other</td>
</tr>
<tr>
<td>414011</td>
<td>Sales rep, wholesale, technical</td>
</tr>
<tr>
<td>414012</td>
<td>Sales rep, wholesale, except technical</td>
</tr>
<tr>
<td>419011</td>
<td>Demonstrators and product promoters</td>
</tr>
<tr>
<td>419012</td>
<td>Models</td>
</tr>
<tr>
<td>419021</td>
<td>Real estate brokers</td>
</tr>
<tr>
<td>419022</td>
<td>Real estate sales agents</td>
</tr>
<tr>
<td>419031</td>
<td>Sales engineers</td>
</tr>
<tr>
<td>419041</td>
<td>Telemarketers</td>
</tr>
<tr>
<td>419099</td>
<td>Sales representative, services, other</td>
</tr>
<tr>
<td>431011</td>
<td>First-line manager, office/admin support</td>
</tr>
<tr>
<td>432011</td>
<td>Switchboard operator, includes answering</td>
</tr>
<tr>
<td>432021</td>
<td>Telephone operators</td>
</tr>
<tr>
<td>432099</td>
<td>Communications equipment operator, other</td>
</tr>
<tr>
<td>433011</td>
<td>Bill and account collectors</td>
</tr>
<tr>
<td>433021</td>
<td>Billing/posting clerk/machine operator</td>
</tr>
<tr>
<td>433031</td>
<td>Bookkeeping/accounting/auditing clerk</td>
</tr>
<tr>
<td>433041</td>
<td>Gaming cage workers</td>
</tr>
<tr>
<td>433051</td>
<td>Payroll and timekeeping clerks</td>
</tr>
<tr>
<td>433061</td>
<td>Procurement clerks</td>
</tr>
<tr>
<td>433071</td>
<td>Tellers</td>
</tr>
<tr>
<td>434011</td>
<td>Brokerage clerks</td>
</tr>
<tr>
<td>434021</td>
<td>Correspondence clerks</td>
</tr>
<tr>
<td>434031</td>
<td>Court, municipal, and license clerks</td>
</tr>
<tr>
<td>434041</td>
<td>Credit authorizers, checkers, and clerks</td>
</tr>
<tr>
<td>434051</td>
<td>Customer service representatives</td>
</tr>
<tr>
<td>434061</td>
<td>Eligibility interviewer, govt program</td>
</tr>
<tr>
<td>434071</td>
<td>File clerks</td>
</tr>
<tr>
<td>434081</td>
<td>Hotel, motel, and resort desk clerks</td>
</tr>
<tr>
<td>434111</td>
<td>Interviewer, except eligibility/loan</td>
</tr>
<tr>
<td>434121</td>
<td>Library assistants, clerical</td>
</tr>
<tr>
<td>434131</td>
<td>Loan interviewers and clerks</td>
</tr>
<tr>
<td>434141</td>
<td>New accounts clerks</td>
</tr>
<tr>
<td>434151</td>
<td>Order clerks</td>
</tr>
<tr>
<td>434161</td>
<td>HR assistant, except payroll/timekeeping</td>
</tr>
<tr>
<td>434171</td>
<td>Receptionists and information clerks</td>
</tr>
<tr>
<td>434181</td>
<td>Reservation/transportation ticket agent</td>
</tr>
<tr>
<td>434199</td>
<td>Information and record clerks, all other</td>
</tr>
<tr>
<td>435011</td>
<td>Cargo and freight agents</td>
</tr>
<tr>
<td>435021</td>
<td>Couriers andmessengers</td>
</tr>
<tr>
<td>435031</td>
<td>Police, fire, and ambulance dispatchers</td>
</tr>
<tr>
<td>435032</td>
<td>Dispatcher, except police/fire/ambulance</td>
</tr>
<tr>
<td>435041</td>
<td>Meter readers, utilities</td>
</tr>
<tr>
<td>435051</td>
<td>Postal service clerks</td>
</tr>
<tr>
<td>435052</td>
<td>Postal service mail carriers</td>
</tr>
<tr>
<td>435053</td>
<td>Postal mail sorter, processor, etc</td>
</tr>
<tr>
<td>435061</td>
<td>Production, planning, expediting clerk</td>
</tr>
<tr>
<td>435071</td>
<td>Shipping, receiving, and traffic clerks</td>
</tr>
<tr>
<td>435081</td>
<td>Stock clerks and order fillers</td>
</tr>
<tr>
<td>435111</td>
<td>Weigher, measurer, etc, recordkeeping</td>
</tr>
<tr>
<td>436011</td>
<td>Executive secretary/admin assistant</td>
</tr>
<tr>
<td>436012</td>
<td>Legal secretaries</td>
</tr>
<tr>
<td>436013</td>
<td>Medical secretaries</td>
</tr>
<tr>
<td>436014</td>
<td>Secretary, except legal/medical/exec</td>
</tr>
<tr>
<td>439011</td>
<td>Computer operators</td>
</tr>
<tr>
<td>439021</td>
<td>Data entry keyers</td>
</tr>
<tr>
<td>439022</td>
<td>Word processors and typists</td>
</tr>
<tr>
<td>439031</td>
<td>Desktop publishers</td>
</tr>
<tr>
<td>439041</td>
<td>Insurance claims/policy processing clerk</td>
</tr>
<tr>
<td>439051</td>
<td>Mail clerk/machine op, except postal</td>
</tr>
<tr>
<td>439061</td>
<td>Office clerks, general</td>
</tr>
<tr>
<td>439071</td>
<td>Office machine op, except computer</td>
</tr>
<tr>
<td>439081</td>
<td>Proofreaders and copy markers</td>
</tr>
<tr>
<td>439111</td>
<td>Statistical assistants</td>
</tr>
<tr>
<td>439199</td>
<td>Office and administrative support, other</td>
</tr>
<tr>
<td>441011</td>
<td>First-line manager, farming, etc</td>
</tr>
<tr>
<td>441012</td>
<td>Farm labor contractors</td>
</tr>
<tr>
<td>442011</td>
<td>Agricultural inspectors</td>
</tr>
<tr>
<td>442021</td>
<td>Animal breeders</td>
</tr>
<tr>
<td>442041</td>
<td>Grader/sorter, agricultural products</td>
</tr>
<tr>
<td>442091</td>
<td>Agricultural equipment operators</td>
</tr>
<tr>
<td>442092</td>
<td>Farmworker/laborer: crop, nursery, etc</td>
</tr>
<tr>
<td>442093</td>
<td>Farmworkers, farm and ranch animals</td>
</tr>
<tr>
<td>442099</td>
<td>Agricultural workers, all other</td>
</tr>
<tr>
<td>443011</td>
<td>Fishers and related fishing workers</td>
</tr>
<tr>
<td>443021</td>
<td>Huntens and trappers</td>
</tr>
<tr>
<td>443041</td>
<td>Forest and conservation workers</td>
</tr>
<tr>
<td>443071</td>
<td>Fallers</td>
</tr>
<tr>
<td>443081</td>
<td>Logging equipment operators</td>
</tr>
<tr>
<td>443093</td>
<td>Log graders and sealers</td>
</tr>
<tr>
<td>443111</td>
<td>Logging workers, all other</td>
</tr>
<tr>
<td>447011</td>
<td>First-line manager, construction, etc</td>
</tr>
<tr>
<td>447021</td>
<td>Boilermakers</td>
</tr>
<tr>
<td>447021</td>
<td>Brickmasons and blockmasons</td>
</tr>
<tr>
<td>447022</td>
<td>Stonemasons</td>
</tr>
<tr>
<td>447031</td>
<td>Carpenters</td>
</tr>
<tr>
<td>447041</td>
<td>Carpet installers</td>
</tr>
<tr>
<td>447042</td>
<td>Floor layer, except carpet, wood, tiles</td>
</tr>
<tr>
<td>447043</td>
<td>Floor sanders and finishers</td>
</tr>
<tr>
<td>447044</td>
<td>Tile and marble setters</td>
</tr>
<tr>
<td>447051</td>
<td>Cement masons and concrete finishers</td>
</tr>
<tr>
<td>447053</td>
<td>Terrazzo workers and finishers</td>
</tr>
<tr>
<td>447061</td>
<td>Construction laborers</td>
</tr>
<tr>
<td>447071</td>
<td>Paving, etc equipment operator</td>
</tr>
<tr>
<td>447072</td>
<td>Pile-driver operators</td>
</tr>
<tr>
<td>447073</td>
<td>Operating engineer, other operator</td>
</tr>
<tr>
<td>447081</td>
<td>Drywall and ceiling tile installers</td>
</tr>
<tr>
<td>447082</td>
<td>Tapers</td>
</tr>
<tr>
<td>447111</td>
<td>Electricians</td>
</tr>
<tr>
<td>447121</td>
<td>Glaziers</td>
</tr>
<tr>
<td>447131</td>
<td>Insulation worker, floor/ceiling/wall</td>
</tr>
<tr>
<td>447132</td>
<td>Insulation workers, mechanical</td>
</tr>
<tr>
<td>447141</td>
<td>Painters, construction and maintenance</td>
</tr>
<tr>
<td>447142</td>
<td>Paperhangers</td>
</tr>
<tr>
<td>447151</td>
<td>Pipelayers</td>
</tr>
<tr>
<td>447152</td>
<td>Plumbers, pipefitters, and steamfitters</td>
</tr>
<tr>
<td>447161</td>
<td>Plasterers and stucco masons</td>
</tr>
<tr>
<td>447171</td>
<td>Reinforcing iron and rebar workers</td>
</tr>
<tr>
<td>447181</td>
<td>Roofers</td>
</tr>
</tbody>
</table>
Appendix C. Facsimile of Field Test Instrument

472211 = Sheet metal workers
472221 = Structural iron and steel workers
473011 = Helpers, brickmason, blockmason, etc
473012 = Helpers, carpenters
473013 = Helpers, electricians
473014 = Helpers, painter, paperhanger, etc
473015 = Helpers, pipelayer, plumber, etc
473016 = Helpers, roofers
473019 = Helpers, construction trades, all other
474011 = Construction and building inspectors
474021 = Elevator installers and repairers
474031 = Fence erectors
474041 = Hazardous materials removal workers
474051 = Highway maintenance workers
474061 = Rail-track laying/maintenance operator
474071 = Septic tank servicer/sewer pipe cleaner
474091 = Segmental pavers
474099 = Construction, related workers, other
475011 = Derrick operators, oil and gas
475012 = Rotary drill operators, oil and gas
475013 = Service unit operator, oil/gas/mining
475021 = Earth drillers, except oil and gas
475031 = Explosives worker, etc
475041 = Continuous mining machine operators
475049 = Mining machine operators, all other
475051 = Rock splitters, quarry
475061 = Roof bolters, mining
475071 = Roustabouts, oil and gas
475081 = Helpers—extraction workers
475099 = Extraction workers, all other
491011 = First-line manager, mechanic, etc
492011 = Computer, etc machine repairer
492021 = Radio mechanics
492022 = Telecommunication installer, except line
492091 = Avionics technicians
492092 = Electric motor/power tool/other repairer
492093 = Electrical installer, transportation
492094 = Electrical repairer, commercial, etc
492095 = Electrical repairer, powerhouse, etc
492096 = Electronic installer/repairer, vehicles
492097 = Home entertainment installer/repairer
492098 = Security/fire alarm systems installer
493011 = Aircraft mechanic/service technician
493021 = Automotive body and related repairers
493022 = Automotive glass installer/repairer
493023 = Automotive service technician/mechanic
493031 = Bus/truck mechanic, diesel specialist
493041 = Farm equipment mechanics
493042 = Mobile equipment mechanic, except engine
493043 = Rail car repairers
493051 = Motorboat mechanic
493052 = Motorcycle mechanic
493053 = Outdoor power equipment/other mechanic
493091 = Bicycle repairer
493092 = Recreational vehicle service technician
493093 = Tire repairers and changer
499011 = Mechanical door repairer
499012 = Control installer, except mechanical
499021 = Heat/air conditioning/fridge mechanic
499031 = Home appliance repairer
499041 = Industrial machinery mechanics
499042 = Maintenance and repair workers, general
499043 = Maintenance workers, machinery
499044 = Millwrights
499045 = Refractory material repairer, not brick
499051 = Electrical power-line installer
499052 = Telecommunications line installer
499061 = Camera/photographic equipment repairer
499062 = Medical equipment repairer
499063 = Musical instrument repairers and tuners
499064 = Watch repairers
499065 = Precision instrument repairer, other
499091 = Coin/vending/amusement machine servicer
499092 = Commercial divers
499093 = Fabric menders, except garment
499094 = Locksmiths and safe repairers
499095 = Building/mobile home installer
499096 = Riggers
499097 = Signal and track switch repairers
499098 = Helper, installation/maintenance/repair
499099 = Installation/maintenance/repair, other
511011 = First-line manager, production/operating
512011 = Aircraft structure, etc assembler
512021 = Coil winders, tapers, and finishers
512022 = Electrical equipment assembler
512023 = Electromechanical equipment assemblers
512031 = Engine and other machine assemblers
512041 = Structural metal fabricators and fitters
512091 = Fiberglass laminators and fabricators
512092 = Team assemblers
512093 = Timing device assembler, adjuster, etc
512099 = Assemblers and fabricators, all other
513011 = Bakers
513021 = Butchers and meat cutters
513022 = Meat, poultry, and fish cutter/trimmer
513023 = Slaughterers and meat packers
513091 = Food/tobacco roast, etc machine operator
513092 = Food batchmakers
513093 = Food cooking machine operator
514011 = Comp-control machine op, metal/plastic
514012 = Numeric tool/process control programmer
514021 = Extruding machine setter, metal/plastic
514022 = Forging machine setter, metal/plastic
514023 = Rolling machine setter, metal/plastic
514031 = Cutting,etc machine setter,metal/plastic
514032 = Drilling machine setter, metal/plastic
514033 = Grinding machine setter, metal/plastic
514034 = Lathe machine tool setter, metal/plastic
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>514035</td>
<td>Milling machine setter, metal/plastic</td>
</tr>
<tr>
<td>514041</td>
<td>Machinists</td>
</tr>
<tr>
<td>514051</td>
<td>Metal-refining furnace operator/tender</td>
</tr>
<tr>
<td>514052</td>
<td>Pourers and casters, metal</td>
</tr>
<tr>
<td>514061</td>
<td>Model makers, metal and plastic</td>
</tr>
<tr>
<td>514062</td>
<td>Patternmakers, metal and plastic</td>
</tr>
<tr>
<td>514071</td>
<td>Foundry mold and coremakers</td>
</tr>
<tr>
<td>514072</td>
<td>Molding machine setter, metal/plastic</td>
</tr>
<tr>
<td>514081</td>
<td>Multiple machine setter, metal/plastic</td>
</tr>
<tr>
<td>514111</td>
<td>Tool and die makers</td>
</tr>
<tr>
<td>514121</td>
<td>Welders, cutters, solderers, and brazers</td>
</tr>
<tr>
<td>514122</td>
<td>Welding, etc machine setter</td>
</tr>
<tr>
<td>514191</td>
<td>Heat treating setter, metal/plastic</td>
</tr>
<tr>
<td>514192</td>
<td>Lay-out workers, metal and plastic</td>
</tr>
<tr>
<td>514193</td>
<td>Plating machine setter, metal/plastic</td>
</tr>
<tr>
<td>514194</td>
<td>Tool grinders, filers, and sharpeners</td>
</tr>
<tr>
<td>514199</td>
<td>Metal/plastic workers, all other</td>
</tr>
<tr>
<td>515011</td>
<td>Bindery workers</td>
</tr>
<tr>
<td>515012</td>
<td>Bookbinders</td>
</tr>
<tr>
<td>515021</td>
<td>Job printers</td>
</tr>
<tr>
<td>515022</td>
<td>Prepess technicians and workers</td>
</tr>
<tr>
<td>515023</td>
<td>Printing machine operators</td>
</tr>
<tr>
<td>516011</td>
<td>Laundry and dry-cleaning workers</td>
</tr>
<tr>
<td>516021</td>
<td>Presser/textile/garment/related material</td>
</tr>
<tr>
<td>516031</td>
<td>Sewing machine operators</td>
</tr>
<tr>
<td>516041</td>
<td>Shoe and leather workers and repairers</td>
</tr>
<tr>
<td>516042</td>
<td>Shoe machine operators and tenders</td>
</tr>
<tr>
<td>516051</td>
<td>Sewers, hand</td>
</tr>
<tr>
<td>516052</td>
<td>Tailors, dressmakers, and custom sewers</td>
</tr>
<tr>
<td>516061</td>
<td>Textile bleaching/dyeing operator</td>
</tr>
<tr>
<td>516062</td>
<td>Textile cutting machine setter</td>
</tr>
<tr>
<td>516063</td>
<td>Textile knitting/weaving machine setter</td>
</tr>
<tr>
<td>516064</td>
<td>Textile winding, etc machine setter</td>
</tr>
<tr>
<td>516091</td>
<td>Extruding machine setter, synthetic, etc</td>
</tr>
<tr>
<td>516092</td>
<td>Fabric and apparel patternmakers</td>
</tr>
<tr>
<td>516093</td>
<td>Upholsterers</td>
</tr>
<tr>
<td>516099</td>
<td>Textile/apparel/furnishings, all other</td>
</tr>
<tr>
<td>517011</td>
<td>Cabinetmakers and bench carpenters</td>
</tr>
<tr>
<td>517021</td>
<td>Furniture finishers</td>
</tr>
<tr>
<td>517031</td>
<td>Model makers, wood</td>
</tr>
<tr>
<td>517032</td>
<td>Patternmakers, wood</td>
</tr>
<tr>
<td>517041</td>
<td>Sawing machine setter, wood</td>
</tr>
<tr>
<td>517042</td>
<td>Woodwork machine setter, except sawing</td>
</tr>
<tr>
<td>517099</td>
<td>Woodworkers, all other</td>
</tr>
<tr>
<td>518011</td>
<td>Nuclear power reactor operators</td>
</tr>
<tr>
<td>518012</td>
<td>Power distributors and dispatchers</td>
</tr>
<tr>
<td>518013</td>
<td>Power plant operators</td>
</tr>
<tr>
<td>518021</td>
<td>Stationary engineer and boiler operator</td>
</tr>
<tr>
<td>518031</td>
<td>Water/liquid waste treatment plant op</td>
</tr>
<tr>
<td>518091</td>
<td>Chemical plant and system op</td>
</tr>
<tr>
<td>518092</td>
<td>Gas plant operators</td>
</tr>
<tr>
<td>518093</td>
<td>Petroleum system/refinery op, gauger</td>
</tr>
<tr>
<td>518099</td>
<td>Plant and system operators, all other</td>
</tr>
<tr>
<td>519011</td>
<td>Chemical equipment operators and tenders</td>
</tr>
<tr>
<td>519012</td>
<td>Separating, etc machine setter</td>
</tr>
<tr>
<td>519021</td>
<td>Crushing, etc machine setter</td>
</tr>
<tr>
<td>519022</td>
<td>Grinding and polishing workers, hand</td>
</tr>
<tr>
<td>519023</td>
<td>Mixing/blending machine setter</td>
</tr>
<tr>
<td>519031</td>
<td>Cutters and trimmers, hand</td>
</tr>
<tr>
<td>519032</td>
<td>Cutting/slicing machine setter</td>
</tr>
<tr>
<td>519041</td>
<td>Extruding, etc machine setter</td>
</tr>
<tr>
<td>519051</td>
<td>Furnace, etc operator</td>
</tr>
<tr>
<td>519061</td>
<td>Inspector/tester/sorter/sampler/weigher</td>
</tr>
<tr>
<td>519071</td>
<td>Jeweler/precious stone/metal workers</td>
</tr>
<tr>
<td>519081</td>
<td>Dental laboratory technicians</td>
</tr>
<tr>
<td>519082</td>
<td>Medical appliance technicians</td>
</tr>
<tr>
<td>519083</td>
<td>Ophthalmic laboratory technicians</td>
</tr>
<tr>
<td>519111</td>
<td>Packaging/filling machine operator</td>
</tr>
<tr>
<td>519121</td>
<td>Coating/painting/spraying machine setter</td>
</tr>
<tr>
<td>519122</td>
<td>Painters, transportation equipment</td>
</tr>
<tr>
<td>519123</td>
<td>Painting/coating/decorating worker</td>
</tr>
<tr>
<td>519131</td>
<td>Photographic process workers</td>
</tr>
<tr>
<td>519132</td>
<td>Photographic processing machine operator</td>
</tr>
<tr>
<td>519141</td>
<td>Semiconductor processors</td>
</tr>
<tr>
<td>519149</td>
<td>Cementing/gluing machine operator</td>
</tr>
<tr>
<td>519192</td>
<td>Cleaning, etc equipment operator</td>
</tr>
<tr>
<td>519193</td>
<td>Cooling/freezing equipment operator</td>
</tr>
<tr>
<td>519194</td>
<td>Etchers and engravers</td>
</tr>
<tr>
<td>519195</td>
<td>Molder, etc, except metal/plastic</td>
</tr>
<tr>
<td>519196</td>
<td>Paper goods machine setter</td>
</tr>
<tr>
<td>519197</td>
<td>Tire builders</td>
</tr>
<tr>
<td>519198</td>
<td>Helpers--production workers</td>
</tr>
<tr>
<td>519199</td>
<td>Production workers, all other</td>
</tr>
<tr>
<td>531011</td>
<td>Aircraft cargo handling supervisors</td>
</tr>
<tr>
<td>531021</td>
<td>First-line manager, helpers, etc</td>
</tr>
<tr>
<td>531031</td>
<td>First-line manager, material-moving</td>
</tr>
<tr>
<td>532011</td>
<td>Airline pilot, copilot, flight engineer</td>
</tr>
<tr>
<td>532012</td>
<td>Commercial pilots</td>
</tr>
<tr>
<td>532021</td>
<td>Air traffic controllers</td>
</tr>
<tr>
<td>532022</td>
<td>Airfield operations specialists</td>
</tr>
<tr>
<td>533011</td>
<td>Ambulance driver/attendant, except emt</td>
</tr>
<tr>
<td>533021</td>
<td>Bus drivers, transit and intercity</td>
</tr>
<tr>
<td>533022</td>
<td>Bus drivers, school</td>
</tr>
<tr>
<td>533031</td>
<td>Driver/sales workers</td>
</tr>
<tr>
<td>533032</td>
<td>Truck drivers, heavy and tractor-trailer</td>
</tr>
<tr>
<td>533033</td>
<td>Truck driver, light/delivery services</td>
</tr>
<tr>
<td>533041</td>
<td>Taxi drivers and chauffeurs</td>
</tr>
<tr>
<td>533099</td>
<td>Motor vehicle operators, all other</td>
</tr>
<tr>
<td>534011</td>
<td>Locomotive engineers</td>
</tr>
<tr>
<td>534012</td>
<td>Locomotive firers</td>
</tr>
<tr>
<td>534013</td>
<td>Rail yard engineer/dinkey op/hostler</td>
</tr>
<tr>
<td>534021</td>
<td>Railroad brake/signal/switch operator</td>
</tr>
<tr>
<td>534031</td>
<td>Railroad conductors and yardmasters</td>
</tr>
<tr>
<td>534041</td>
<td>Subway and streetcar operators</td>
</tr>
<tr>
<td>534099</td>
<td>Rail transportation workers, all other</td>
</tr>
<tr>
<td>535011</td>
<td>Sailors and marine oilers</td>
</tr>
<tr>
<td>535021</td>
<td>Captain/mate/pilot of water vessels</td>
</tr>
<tr>
<td>535022</td>
<td>Motorboat operators</td>
</tr>
<tr>
<td>535031</td>
<td>Ship engineers</td>
</tr>
<tr>
<td>536011</td>
<td>Bridge and lock tenders</td>
</tr>
<tr>
<td>536021</td>
<td>Parking lot attendants</td>
</tr>
<tr>
<td>536031</td>
<td>Service station attendants</td>
</tr>
</tbody>
</table>
Appendix C. Facsimile of Field Test Instrument

536041 = Traffic technicians
536051 = Transportation inspectors
536099 = Transportation workers, all other
537021 = Crane and tower operators
537031 = Dredge operators
537032 = Excavating/loading dragline operator
537033 = Loading machine/underground mining
537041 = Hoist and winch operators
537051 = Industrial truck and tractor operators
537061 = Cleaners of vehicles and equipment
537062 = Laborer, etc, hand
537063 = Machine feeders and offbearers
537064 = Packers and packagers, hand
537071 = Gas compressor/gas pump station operator
537072 = Pump operators, except wellhead pumpers
537073 = Wellhead pumpers
537081 = Refuse/recyclable material collector
537111 = Shuttle car operators
537121 = Tank car, truck, and ship loaders
537199 = Material moving workers, all other
551011 = Air crew officers
551012 = Aircraft launch and recovery officers
551013 = Armored assault vehicle officers
551014 = Artillery and missile officers
551015 = Command and control center officers
551016 = Infantry officers
551017 = Special forces officers
551019 = Officer special/tactical ops manag, oth
552011 = First-line manager, air crew member
552012 = First-line manager, weapons specialist
552013 = First-line manager, other tactical ops
553011 = Air crew members
553012 = Aircraft launch and recovery specialists
553013 = Armored assault vehicle crew members
553014 = Artillery and missile crew members
553015 = Command and control center specialists
553016 = Infantry
553017 = Radar and sonar technicians
553018 = Special forces
553019 = Enlisted tactical operations, etc, other

**MDCURTPY**

Type of employer

Job title: [MD][JBTL]

In your current job, do you work for...

- 2 = A for-profit company
- 3 = A nonprofit organization
- 4 = A local, state, or federal government
- 5 = The military (including civilian employees of the military)
- 6 = None of the above; I am self-employed

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview

**MDIND**

Industry: string

Job title: [MDJ][BTL]

If MDCURTPY = 6

What is your primary business or industry?

[else]

What is your employer's primary business or industry?

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not in the government or military.

Recode note: 1) If MDCURTPY = 5 (military) then MDIND = "Military" 2) If MDCURTPY = 4 (government) then MDIND = "Government"

Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDINDCD
Industry: code
Job title: [MDJBTL]
If MDCURTYP = 6
Occupation: [MDOCC1] Industry: [MDIND] From the list below, please select the category which best describes your employer's industry or business area. As you click on a selection, examples of the industry will be displayed in the box.
[else]
Occupation: [MDOCC1] Industry: [MDIND] From the list below, please select the category which best describes your industry or business area. As you click on a selection, examples of the industry will be displayed in the box.

0 = None listed
11 = Agriculture, forestry, fishing, hunting
21 = Mining
22 = Utilities
23 = Construction
31 = Manufacturing
42 = Wholesale trade
44 = Retail trade
48 = Transportation and warehousing
51 = Information/communication/data processing
52 = Finance and insurance
53 = Real estate and rental and leasing
54 = Professional, scientific, and technical services
55 = Management of companies and enterprises
61 = Education/education services
62 = Health care and social assistance
71 = Arts, entertainment, and recreation
72 = Hotels/motels/accommodations and food services
92 = Public administration
561 = Administrative and support services
562 = Waste management/environmental remediation
811 = Personal care services
812 = Automotive repair and maintenance
999 = All other services

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview

MDSIMJE
Same/similar job before enrolled
Did you have your current job, or a similar job, before you enrolled at [TSCHUG]?

0 = No
1 = Yes

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview

MDJOBM
Total number of months in same/similar job
Job title: [MDJBTL] How long have you been working in your current job and any similar jobs you had before it?

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at the same/similar job before enrolled.

Sources: BPS:04/09 field test student interview

MDTMPSMY
Date began job
Job title: [MDJBTL] In what month and year did you first start your current job?

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview

MDHOURS
Hours worked weekly
Job title: [MDJBTL] On average, how many hours do you work per week in your job? hour(s)

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview

MDERNAMT
Job earnings: amount
Job title: [MDJBTL] How much do you earn from your job?

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

Sources: BPS:04/09 field test student interview
MDEARNT
Job earnings: time period
Job title: [MDJBTL]
How much do you earn from your job?
  1 = Per year
  2 = Per month
  3 = Per week
  4 = Per hour
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDTOTERN
Job earnings: total earnings
MDTOTERN is an internal variable indicating earnings from current job.
Initialize MDTOTERN = -9
  If MDERNAMT = -9 then MDTOTERN = -9
  else if MDEARNT = MDTOTERN = -9
  else if MDEARNT = 1 then MDTOTERN = MDERNAMT
  else if MDEARNT = 2 then MDTOTERN = MDERNAMT*12
  else if MDEARNT = 3 then MDTOTERN = MDERNAMT*52
  else if MDEARNT = 4 then MDTOTERN = MDERNAMT*2000
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDEMPBC
Employee benefits: life insurance
Job title: [MDJBTL]
Which of the following benefits does your current employer offer?
Life insurance
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDEMPBD
Employee benefits: retirement or other financial
Job title: [MDJBTL] Which of the following benefits does your current employer offer?
Retirement or other financial benefits, such as a 401(k)/403(b)
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDEMPBE
Employee benefits: flexible spending account
Job title: [MDJBTL] Which of the following benefits does your current employer offer?
Flexible spending account
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDEMPBB
Employee benefits: employee assistance program
Job title: [MDJBTL] Which of the following benefits does your current employer offer? Employee assistance program (counseling/legal)
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDEMPBB
Employee benefits: other health insurance
Job title: [MDJBTL]
Which of the following benefits does your current employer offer?
Other health insurance, such as dental or optical
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MDEMPBG**

*Employee benefits: tuition reimbursement*

Job title: [MDJBTL] Which of the following benefits does your current employer offer?

- Tuition reimbursement
  - 0 = No
  - 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.

*Sources:* BPS:04/09 field test student interview

**MDEMPH**

*Employee benefits: other facilities/subsidies*

Job title: [MDJBTL] Which of the following benefits does your current employer offer?

- Other employee facilities or subsidies, such as for childcare, transit, or fitness
  - 0 = No
  - 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.

*Sources:* BPS:04/09 field test student interview

**MDJBREA**

*Job responsibilities: supervise others*

Job title: [MDJBTL] In your current job, do you...

- Supervise the work of others?
  - 0 = No
  - 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.

*Sources:* BPS:04/09 field test student interview

**MDJBREB**

*Job responsibilities: participate in hiring or firing decisions*

Job title: [MDJBTL] In your current job, do you...

- Participate in hiring or firing decisions?
  - 0 = No
  - 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.

*Sources:* BPS:04/09 field test student interview

**MDJBREC**

*Job responsibilities: set salary rates*

Job title: [MDJBTL] In your current job, do you...

- Participate in setting salary rates for employees?
  - 0 = No
  - 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not self-employed.

*Sources:* BPS:04/09 field test student interview

**MDFIRSTJ**

*First job since enrolled at [TSCHUG]*

Job title: [MDJBTL] Is your current job the first job you had after you were last enrolled as an undergraduate at [TSCHUG]?

- 0 = No
- 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed but not at the same job they had while enrolled.

*Sources:* BPS:04/09 field test student interview

**MDRELMJ**

*Job related to major or field of study at [TSCHUG]*

Job title: [MDJBTL] Would you say your job is related to the major or field of study you had when you were last enrolled at [TSCHUG] as an undergraduate?

- 0 = No
- 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status or declared at least one major, and were employed but not at the same job they had while enrolled.

*Recode note:* If MDSIMJE = 1 then MDRELMAJ = MCRELMAJ

*Sources:* BPS:04/09 field test student interview

**MDRELCRS**

*Job related to coursework at [TSCHUG]*

Job title: [MDJBTL] Would you say your job is related to the coursework you had when you were last enrolled at [TSCHUG] as an undergraduate?

- 0 = No
- 1 = Yes

*Applies to:* Respondents who were not currently enrolled and had not declared a major, and were employed but not at the same job they had while enrolled.

*Recode note:* If MDSIMJE = 1 then MDRELCRS = MCRELCRS

*Sources:* BPS:04/09 field test student interview

**MDEDIFF**

*Job would be difficult without coursework at [TSCHUG]*

Job title: [MDJBTL] Would it be difficult for you to do your current job without having had the undergraduate courses you took at [TSCHUG]?

- 0 = No
- 1 = Yes

*Applies to:* Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.

*Sources:* BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MDSKILL**

Use of skills from coursework at [TSCHUG]

Job title: [MDJBTBL] In your current job, do you use the skills, specialized equipment, software, and/or technology that you were trained to use in your undergraduate coursework at [TSCHUG]?  
0 = No  
1 = Yes  

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.  
Sources: BPS:04/09 field test student interview

**MDCONLIC**

Job requirements: license

Job title: [MDJBTBL]  
[if MDCURTYP ne 6] Were any of the following required by your current employer as a condition for working?  
[else]  
Were any of the following required as a condition for working?  
An occupational license or professional certification  
0 = No  
1 = Yes  

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.  
Sources: BPS:04/09 field test student interview

**MDCONCER**

Job requirements: certificate

Job title: [MDJBTBL]  
[if MDCURTYP ne 6] Were any of the following required by your current employer as a condition for working?  
[else]  
Were any of the following required as a condition for working?  
A diploma or certificate from a trade school  
0 = No  
1 = Yes  

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.  
Sources: BPS:04/09 field test student interview

**MDCONDEG**

Job requirements: 2-year or 4-year degree

Job title: [MDJBTBL]  
[if MDCURTYP ne 6] Were any of the following required by your current employer as a condition for working?  
[else]  
Were any of the following required as a condition for working?  
A 2-year or 4-year college degree  
0 = No  
1 = Yes  

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.  
Sources: BPS:04/09 field test student interview

**MDLICT2**

License/certification: general code

Job title: [MDJBTBL]  
What license or professional certification is required for your current position? (Please select a general area and then the specific discipline within the general area. Use the arrow at the right side of the first box to display the general areas. Click to select the desired general area, and then select the desired specific discipline within the area from the second box.)  

General area  
100 = Accounting  
200 = Agriculture  
300 = Arts  
400 = Business  
500 = Communications  
600 = Construction  
700 = Counseling  
800 = Education  
900 = Engineering  
1000 = Health  
1100 = Insurance  
1200 = Manufacturing  
1300 = Personal services  
1400 = Public safety  
1500 = Real estate  
1600 = Repair  
1700 = Transportation  
1800 = Vendor-specific business/computer certification  
1900 = Food services  
2000 = Law  
99900 = Other  

Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed with a professional license or certificate.  
Sources: BPS:04/09 field test student interview
**MDLICT4**

*License/certification: specific code*

**Job title:** [MDJBTL]

What license or professional certification is required for your current position? (Please select a general area and then the specific discipline within the general area. Use the arrow at the right side of the first box to display the general areas. Click to select the desired general area, and then select the desired specific discipline within the area from the second box.)

<table>
<thead>
<tr>
<th>Specific area</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPA</td>
<td>47</td>
</tr>
<tr>
<td>Auditor</td>
<td>48</td>
</tr>
<tr>
<td>Broker</td>
<td>49</td>
</tr>
<tr>
<td>Bookkeeping</td>
<td>50</td>
</tr>
<tr>
<td>Agriculture</td>
<td>51</td>
</tr>
<tr>
<td>Pest control</td>
<td>52</td>
</tr>
<tr>
<td>Forestry</td>
<td>53</td>
</tr>
<tr>
<td>Wildlife management</td>
<td>54</td>
</tr>
<tr>
<td>Professional arts</td>
<td>55</td>
</tr>
<tr>
<td>Photography</td>
<td>56</td>
</tr>
<tr>
<td>Photography</td>
<td>57</td>
</tr>
<tr>
<td>Finance</td>
<td>58</td>
</tr>
<tr>
<td>Human resources/benefits</td>
<td>59</td>
</tr>
<tr>
<td>Management</td>
<td>60</td>
</tr>
<tr>
<td>Purchasing</td>
<td>61</td>
</tr>
<tr>
<td>Communications</td>
<td>62</td>
</tr>
<tr>
<td>Broadcast</td>
<td>63</td>
</tr>
<tr>
<td>Architecture</td>
<td>64</td>
</tr>
<tr>
<td>Building</td>
<td>65</td>
</tr>
<tr>
<td>Welding</td>
<td>66</td>
</tr>
<tr>
<td>Other construction</td>
<td>67</td>
</tr>
<tr>
<td>Social work</td>
<td>68</td>
</tr>
<tr>
<td>Therapist</td>
<td>69</td>
</tr>
<tr>
<td>Counselor</td>
<td>70</td>
</tr>
<tr>
<td>Elementary/secondary teaching</td>
<td>71</td>
</tr>
<tr>
<td>Childcare</td>
<td>72</td>
</tr>
<tr>
<td>Teacher's aide</td>
<td>73</td>
</tr>
<tr>
<td>Library</td>
<td>74</td>
</tr>
<tr>
<td>Administration</td>
<td>75</td>
</tr>
<tr>
<td>Professional engineer</td>
<td>76</td>
</tr>
<tr>
<td>Engineer in training</td>
<td>77</td>
</tr>
<tr>
<td>Engineering technician</td>
<td>78</td>
</tr>
<tr>
<td>Medicine</td>
<td>79</td>
</tr>
<tr>
<td>Dentistry</td>
<td>80</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>81</td>
</tr>
<tr>
<td>Chiropractic</td>
<td>82</td>
</tr>
<tr>
<td>Optometry</td>
<td>83</td>
</tr>
<tr>
<td>Podiatry</td>
<td>84</td>
</tr>
<tr>
<td>Registered nursing</td>
<td>85</td>
</tr>
<tr>
<td>Licensed practical nursing</td>
<td>86</td>
</tr>
<tr>
<td>Midwifery</td>
<td>87</td>
</tr>
<tr>
<td>Physical therapy</td>
<td>88</td>
</tr>
<tr>
<td>EMT/paramedic</td>
<td>89</td>
</tr>
<tr>
<td>Medical/dental technician</td>
<td>90</td>
</tr>
<tr>
<td>Physical therapy</td>
<td>91</td>
</tr>
<tr>
<td>Veterinary medicine</td>
<td>92</td>
</tr>
<tr>
<td>Veterinary technician</td>
<td>93</td>
</tr>
<tr>
<td>Other health</td>
<td>94</td>
</tr>
<tr>
<td>Insurance</td>
<td>95</td>
</tr>
<tr>
<td>Actuary law - attorney</td>
<td>96</td>
</tr>
<tr>
<td>Mediator</td>
<td>97</td>
</tr>
<tr>
<td>Paralegal</td>
<td>98</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>99</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>100</td>
</tr>
<tr>
<td>Barber</td>
<td>101</td>
</tr>
<tr>
<td>Massage</td>
<td>102</td>
</tr>
<tr>
<td>Fitness/personal training</td>
<td>103</td>
</tr>
<tr>
<td>Other personal services</td>
<td>104</td>
</tr>
<tr>
<td>Public safety</td>
<td>105</td>
</tr>
<tr>
<td>Law enforcement</td>
<td>106</td>
</tr>
<tr>
<td>Real estate</td>
<td>107</td>
</tr>
<tr>
<td>Automotive mechanic</td>
<td>108</td>
</tr>
<tr>
<td>Heating/air conditioning</td>
<td>109</td>
</tr>
<tr>
<td>Electronics</td>
<td>110</td>
</tr>
<tr>
<td>Aviation</td>
<td>111</td>
</tr>
<tr>
<td>Jewelry/watch/lens/other fine craftsman</td>
<td>112</td>
</tr>
<tr>
<td>Commercial transportation license</td>
<td>113</td>
</tr>
<tr>
<td>Hazardous materials</td>
<td>114</td>
</tr>
<tr>
<td>Xerox copier</td>
<td>115</td>
</tr>
<tr>
<td>IBM</td>
<td>116</td>
</tr>
<tr>
<td>Microsoft</td>
<td>117</td>
</tr>
<tr>
<td>Cisco</td>
<td>118</td>
</tr>
<tr>
<td>Other vendor-specific</td>
<td>119</td>
</tr>
<tr>
<td>Food services</td>
<td>120</td>
</tr>
<tr>
<td>Attorney</td>
<td>121</td>
</tr>
<tr>
<td>Other, general</td>
<td>122</td>
</tr>
</tbody>
</table>

*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed with a professional license or certificate.*

*Sources: BPS:04/09 field test student interview*

**MDPRGCRT**

*Took classes at [TSCHUG] toward certificate*

**Job title:** [MDJBTL]

Did you take any classes at [TSCHUG] that were necessary for you to qualify for or to maintain your current occupational license or professional certification?

| 0 = No |
| 1 = Yes |

*Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed with a professional license or certificate.*

*Sources: BPS:04/09 field test student interview*
Appendix C. Facsimile of Field Test Instrument

MDSTRTCR
Current job considered start of career
Job title: [MDJBTL] Do you consider your current job to be the beginning of a career you are pursuing in your occupation or industry?
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDNTRBA
Job description: radio: helped explore options
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Helping to explore different career options
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTRBB
Job description: radio: established career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Already part of an established career
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTRBC
Job description: radio: allowed freedom for other interests
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Allows freedom to pursue other interests
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTRBD
Job description: radio: paid the bills
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Pays the bills
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTRBG
Job description: radio: experience for more education
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Providing experience needed to pursue additional education
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTRBI
Job description: radio: experience for career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Providing experience needed to enter a particular career
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
MDNTRBJ
Job description: radio: other
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Other
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCR2
Job description: radio: other specify
Please specify the other way(s) in which, since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, you would you describe your job.
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCAA
Job description: checkbox: helped explore options
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Helping to explore different career options
0 = Did not help to explore career options
1 = Yes, helped to explore career options
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCAB
Job description: checkbox: established career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Already part of an established career
0 = Not already part of established career
1 = Yes, already part of established career
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCAG
Job description: checkbox: experience for more education
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Providing experience needed to pursue additional education
0 = Not experience for more education
1 = Yes, experience for more education
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDNTCAI
Job description: checkbox: experience for career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Providing experience needed to enter a particular career
0 = Not experience for career
1 = Yes, experience for career
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCAJ
Job description: checkbox: other
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Other
0 = No other descriptions for job
1 = Yes, other descriptions for job
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form.
Sources: BPS:04/09 field test student interview

MDNTCAS
Job description: checkbox: other specify
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Please specify:
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the checkbox button version of this form and chose another description.
Sources: BPS:04/09 field test student interview

MDNTCT01
Job description 1: text box
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and were administered the text box/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MDNTCD01
Job description 1: self-coded drop downs
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Helping to explore different career options
How would you categorize the answer(s) you gave? (Please match your response(s) provided below to a category from the drop down list.)
1 = Helping to explore different career options
2 = Allows freedom to pursue other interests
3 = Already part of an established career
4 = Pays the bills
5 = Providing experience needed to pursue additional education
6 = Providing experience needed to enter a particular career
7 = Other
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career, and provided at least one response to the textbox/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MDNTCA
Job description: combined: helped explore options
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Helping to explore different career options
0 = Did not help to explore career options
1 = Yes, helped to explore career options
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCB
Job description: combined: established career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job? Already part of an established career
0 = Not already part of established career
1 = Yes, already part of established career
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDNTCC
Job description: combined; allowed freedom for other interests
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Allows freedom to pursue other interests
0 = Did not allow to pursue other interests
1 = Yes, allowed to pursue other interests
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCD
Job description: combined; paid the bills
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Pays the bills
0 = Did not pay the bills
1 = Yes, paid the bills
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCE
Job description: combined; experience for more education
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Providing experience needed to pursue additional education
0 = Did not prepare for more education
1 = Yes, prepared for more education
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCF
Job description: combined; experience for career
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Providing experience needed to enter a particular career
0 = Did not prepare to enter a career
1 = Yes, prepared to enter a career
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCG
Job description: combined; other
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Other
0 = No other descriptions for job
1 = Yes, other descriptions for job
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDNTCS
Job description: combined; other specify
Job title: [MDJBTL] Since you do not consider this to be the beginning of a career you are pursuing in your occupation or industry, how would you describe your job?
Please specify:
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job not considered to be the beginning of a career.
Sources: BPS:04/09 field test student interview

MDADVNC
Education at [TSCHUG] will help advance career
Job title: [MDJBTL] Will your undergraduate education at [TSCHUG] help you advance in your career?
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed at a job considered to be part of an already established career.
Sources: BPS:04/09 field test student interview

MDUNDEMP
Qualified for more demanding job with education from [TSCHUG]
Job title: [MDJBTL] As a result of the education you received at [TSCHUG], do you feel that you have the qualifications for a more demanding job than your current job?
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDJOBSA
Job satisfaction: pay
Job title: [MDJBTL] Please indicate whether you are satisfied with each of the following in your current job:
Your pay
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSB
Job satisfaction: fringe benefits
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job: Fringe benefits
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSC
Job satisfaction: challenge of work
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job: Importance and challenge of your work
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSD
Job satisfaction: promotion opportunity
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job: Opportunities for promotion and advancement
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSF
Job satisfaction: job security
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job:
Job security
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSG
Job satisfaction: opportunities for further training
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job:
Opportunities for further training and education
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDJOBSH
Job satisfaction: overall
Job title: [MDJBTL]
Please indicate whether you are satisfied with each of the following in your current job:
Overall, would you say you are satisfied with your job?
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview

MDAD
Job placement: responded to advertisement
Job title: [MDJBTL]
What did you do to find your current job?
Responded to job advertisements in a newspaper, magazine, or on the Internet
- 0 = No
- 1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and were employed but not self-employed.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDRESUME
Job placement: sent out resume
Job title: [MDJBTL]
What did you do to find your current job?
Sent out resumes or contacted employers
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDNETWRK
Job placement: networked with friends or relatives
Job title: [MDJBTL]
What did you do to find your current job?
Networked with friends or relatives
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDSCHELP
Job placement: used school assistance
Job title: [MDJBTL]
What did you do to find your current job?
Used school assistance such as the placement office,
school job fairs, or spoke with faculty or staff
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDPLCOTH
Job placement: other
Job title: [MDJBTL]
What did you do to find your current job?
Found job in another way
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were employed.
Sources: BPS:04/09 field test student interview

MDPLCSPE
Job placement: other specify
Job title: [MDJBTL]
What did you do to find your current job?
Please specify:
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were employed and indicated finding
their job through other means.
Sources: BPS:04/09 field test student interview

MDSEARCH
Looking for a job
Are you currently looking for a job?
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and were not employed.
Sources: BPS:04/09 field test student interview

MDUNEMP3
Ever unemployed for at least three months
We'd like to ask you about any periods of unemployment
you may have had since you were last enrolled as an
undergraduate at [TSCHUG] - that is, periods of at least 3
months when you were not working but looking for
work. Since your undergraduate enrollment at
[TSCHUG], have you ever been unemployed and looking
for work for a period of 3 months or more?
   0 = No
   1 = Yes
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status.
Sources: BPS:04/09 field test student interview

MDNUMOUT
Periods of unemployment
Since you were last enrolled as an undergraduate at
[TSCHUG], how many times have you been unemployed
and looking for a job for a period of more than 3
months? time(s)
Applies to: Respondents who were not currently enrolled and
respondents who were bachelor's degree recipients regardless of
current enrollment status, and had been unemployed for more
than three months.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDLTMPMY
Date of last employment
Since your undergraduate enrollment at [TSCUG], in what month and year were you last employed?
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and had been unemployed for more than three months and reported the number of unemployment periods.
Sources: BPS:04/09 field test student interview

MDLTMPN
When last employed: no employment after undergraduate enrollment
Since your undergraduate enrollment at [TSCUG], in what month and year were you last employed? No employment after undergraduate enrollment
0 = Employed since enrolled
1 = Never employed since enrolled
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and had been unemployed for more than three months and reported the number of unemployment periods.
Sources: BPS:04/09 field test student interview

MDUNTIM
Longest period of unemployment: total number of months
After your undergraduate enrollment at [TSCUG], what was the longest period of time you were unemployed and looking for a job?
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and had been unemployed for more than three months and reported the number of unemployment periods.
Sources: BPS:04/09 field test student interview

MDLNINC
Loan debt influenced employment plans
[if MCUGLN = 3]
Has the amount of student loan debt you have from your education since high school influenced your employment plans and decisions in any way?
[else]
Has the amount of student loan debt you have from your undergraduate education influenced your employment plans and decisions in any way?
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and took out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIYA
Loan debt influenced employment: radio: took job outside field
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Took job outside field of study or training to cover the monthly student loan payment
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNIYB
Loan debt influenced employment: radio: took less desirable job
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Took less desirable job
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNIYC
Loan debt influenced employment: radio: looked for higher paid job
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to look for higher paying job
0 = No
1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDLNIYD
Loan debt influenced employment: radio: worked sooner
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to go to work sooner than originally planned
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNIYE
Loan debt influenced employment: radio: worked more hours
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to work more hours than desired
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNIYF
Loan debt influenced employment: radio: worked more than one job
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to work more than one job at the same time
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNIYG
Loan debt influenced employment: radio: other
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Other reason not listed
  0 = No
  1 = Yes
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MDLNINN
Loan debt influenced employment: radio: other specify
[if MCUGLN = 3]
Please specify the other way(s) in which your student loan debt has influenced your employment plans and decisions.
[else]
Please specify the other way(s) in which your undergraduate student loan debt has influenced your employment plans and decisions.
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the radio button version of this form and chose other way loan affected plans.
Sources: BPS:04/09 field test student interview

MDLNICA
Loan debt influenced employment: checkbox: took job outside field
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?
Took job outside field of study or training to cover the monthly student loan payment
  0 = Did not take job outside of field
  1 = Yes, took job outside of field
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

**MDLNICB**
Loan debt influenced employment: checkbox: took less desirable job

[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?

Took less desirable job

0 = Did not take a less desirable job
1 = Yes, took a less desirable job

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form.

Sources: BPS:04/09 field test student interview

**MDLNICE**
Loan debt influenced employment: checkbox: worked more hours

[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?

Had to work more hours than desired

0 = No
1 = Yes

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form.

Sources: BPS:04/09 field test student interview

**MDLNICC**
Loan debt influenced employment: checkbox: looked for higher paid job

[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?

Had to look for higher paying job

0 = Did not look for higher paying job
1 = Yes, looked for higher paying job

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form.

Sources: BPS:04/09 field test student interview

**MDLNICD**
Loan debt influenced employment: checkbox: worked sooner

[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?

Had to go to work sooner than originally planned

0 = Did not work sooner than planned
1 = Yes, worked sooner than planned

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form.

Sources: BPS:04/09 field test student interview

**MDLNICG**
Loan debt influenced employment: checkbox: other

[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?

[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?

Other reason not listed

0 = No other reasons
1 = Yes, other reasons

 Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form.

Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDLNICS
Loan debt influenced employment: checkbox: other specify
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions?
Please specify:
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the checkbox button version of this form and chose other way loans affected plans.
Sources: BPS:04/09 field test student interview

MDLNIT01
Loan debt influenced employment 1: text box
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? (Please enter one response in the box provided. For each additional response you wish to provide, click the "Provide an additional response" button.)
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and were administered the text box/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MDLNID01
Loan debt influenced employment 1: self-coded drop downs
How would you categorize the answer(s) you gave? (Please match your response(s) provided below to a category from the drop down list.) This dropdown should contain the same item response options as in MCLNINCR.
1 = Took job outside field of study or training to cover the monthly student loan payment
2 = Took less desirable job
3 = Had to look for higher paying job
4 = Had to go to work sooner than originally planned
5 = Had to work more hours than desired
6 = Had to work more than one job at the same time
7 = Other
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan, and provided at least one response to the text box/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MDLNIA
Loan debt influenced employment: combined: took job outside field
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Took job outside field of study or training to cover the monthly student loan payment
0 = Did not take job outside of field
1 = Yes, took job outside of field
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIB
Loan debt influenced employment: combined: took less desirable job
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Took less desirable job
0 = Did not take a less desirable job
1 = Yes, took a less desirable job
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIC
Loan debt influenced employment: combined: looked for higher paid job
[if MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to look for higher paying job
0 = Did not look for higher paying job
1 = Yes, looked for higher paying job
Applies to: Respondents who were not currently enrolled and respondents who were bachelor's degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MDLNID
Loan debt influenced employment: combined: worked sooner
[If MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to go to work sooner than originally planned
0 = Did not work sooner than planned
1 = Yes, worked sooner than planned
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIE
Loan debt influenced employment: combined: worked more hours
[If MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to work more hours than desired
0 = Did not work more hours than desired
1 = Yes, worked more hours than desired
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIF
Loan debt influenced employment: combined: worked more than one job
[If MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Had to work more than one job at the same time
0 = Did not work more than one job
1 = Yes, worked more than one job
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIG
Loan debt influenced employment: combined: other
[If MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Other reason not listed
0 = No other reasons
1 = Yes, other reasons
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview

MDLNIS
Loan debt influenced employment: combined: other specify
[If MCUGLN = 3]
In what ways has your student loan debt influenced your employment plans and decisions?
[else]
In what ways has your undergraduate student loan debt influenced your employment plans and decisions? Please specify:
Applies to: Respondents who were not currently enrolled and respondents who were bachelor’s degree recipients regardless of current enrollment status, and whose employment plans were affected by taking out an undergraduate loan.
Sources: BPS:04/09 field test student interview
Section E: Background

MECITZN
United States citizenship status
Are you a U.S. citizen?
  1 = Yes
  2 = No, resident alien/permanent resident
  3 = No - Student visa, in the country on an F1 or F2 visa, or on a J1 or J2 exchange visitor visa
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEVOTE
Registered to vote
Are you registered to vote in U.S. elections?
  0 = No
  1 = Yes
Applies to: Respondents who were US citizens.
Recode note: If MECITZN > 1 then MEVOTE = 0
Sources: BPS:04/09 field test student interview

MEEVRVT
Ever voted in any election
Have you ever voted in a national, state, or local election in the United States?
  0 = No
  1 = Yes
Applies to: Respondents who were US citizens and registered to vote.
Sources: BPS:04/09 field test student interview

MEMARR
Current marital status
What is your current marital status?
  1 = Single, never married
  2 = Married
  3 = Separated
  4 = Divorced
  5 = Widowed
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEHSNUM
Number of people in household
Other than yourself, how many people live in your house?
Observed range: 1 - 20
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MESPODP
Household composition: lived with spouse/partner
With whom do you live in your house?
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview

MEDPNTS
Household composition: lived with children/dependents
With whom do you live in your house?
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview

MEPARIL
Household composition: lived with parents or in-laws
With whom do you live in your house?
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview

MESIBOR
Household composition: lived with siblings/relatives
With whom do you live in your house?
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview

MEROOM
Household composition: lived with roommates/housemates
With whom do you live in your house?
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview

MEHSOTH
Household composition: other
With whom do you live in your house?
Another person or people not listed
  0 = No
  1 = Yes
Applies to: Respondents who did not live by themselves.
Sources: BPS:04/09 field test student interview
MEPARST
Parent marital status
What is the current marital status of your parent(s) or guardian(s)? (If your parents are divorced or separated, answer this question about the parent you lived with the most during the last 12 months. If you did not live with one parent more than the other, answer about the parent who provided more financial support during the last 12 months, or during the most recent year that you actually received support from a parent.)
1 = Married
2 = Living together or domestic partners but not married
3 = Single
4 = Divorced or separated
5 = Widowed
6 = None of the above - both parents or guardians are deceased
Applies to: Respondents under age 30 whose parents or guardians were not deceased.
Sources: BPS:04/09 field test student interview

MEPARINC
Parent income in 2007
If MEPARST in (3 4 5)
What was your parent or guardian's income in calendar year 2007? If your parents are divorced or separated, answer this question about the parent you lived with more during the last 12 months. If you did not live with one parent more than the other, answer about the parent who provided more financial support during the last 12 months, or during the most recent year that you actually received support from a parent.
[else]
What was your parents' or guardians' income in calendar year 2007?
1 = Under $30,000
2 = $30,000-$59,999
3 = $60,000-$89,999
4 = $90,000-$119,999
5 = $120,000-$179,999
6 = $180,000 and above
Applies to: Respondents under age 30 whose parents or guardians were not deceased.
Sources: BPS:04/09 field test student interview

MEDEPS
Has dependent children
If MEMARR = 2
Do you or your spouse have any children under the age of 25 that you support financially?
[else]
Do you have any children under the age of 25 that you support financially?
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEDEP2
Number of dependent children
How many children do you have?
child/children Observed range: 1 - 20
Applies to: Respondents with at least one dependent child.
Recode note: If MEDEPS = 0 then MEDEP2 = 0
Sources: BPS:04/09 field test student interview

MEDAGE
Age of youngest dependent child
If MEDEP2 > 1
What is the age of your youngest child?
[else if MEDEP2 = 1]
How old is your child?
[else]
If you have more than one child, please report the age of your youngest child. If you have one child, please report the age of that child.
Observed range: 1 - 25
Applies to: Respondents with at least one dependent child.
Sources: BPS:04/09 field test student interview

MEINCOM
Household income in 2007
If MEMARR in (2 3)
What was your income from all sources (including income from work, investments, alimony, etc.) prior to taxes and deductions for calendar year 2007? (Please exclude your spouse's income.)
[else]
What was your income from all sources (including income from work, investments, alimony, etc.) prior to taxes and deductions for calendar year 2007?
Applies to: All respondents.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MEINEST
Household income estimate in 2007

This question about your income is critical to understanding the financial benefits and labor market outcomes of people who have attended a college or vocational/trade school since high school. What was your income from all sources (including income from work, investments, alimony, etc.) prior to taxes and deductions for calendar year 2007? (Please exclude your spouse's income.) Please indicate the range that best estimates your income from all sources for 2007.

1 = Less than $20,000
2 = $20,000-$29,999
3 = $30,000-$39,999
4 = $40,000-$49,999
5 = $50,000-$59,999
6 = $60,000-$69,999
7 = $70,000-$79,999
8 = $80,000-$89,999
9 = $90,000-$99,999
10 = $100,000-$149,999
11 = Above $150,000

Applies to: Respondents who did not provide an income.

Sources: BPS:04/09 field test student interview

MEINCSP
Spouse income in 2007

How much would you estimate your spouse earned from all sources prior to taxes and deductions in calendar year 2007?

Applies to: Respondents who were married.

Sources: BPS:04/09 field test student interview

MEINSRA
Spouse income estimate in 2007

This item is critical to understanding the financial benefits and labor market outcomes of people who have attended a college or vocational/trade school since high school. Please indicate the range that best estimates the amount your spouse earned from work in 2007.

1 = Less than $20,000
2 = $20,000-$29,999
3 = $30,000-$39,999
4 = $40,000-$49,999
5 = $50,000-$59,999
6 = $60,000-$69,999
7 = $70,000-$79,999
8 = $80,000-$89,999
9 = $90,000-$99,999
10 = $100,000-$149,999
11 = Above $150,000

Applies to: Respondents who were married and did not provide an income.

Sources: BPS:04/09 field test student interview

MEUNTF
Received untaxed benefits in 2007

In 2007, did you or your spouse receive any untaxed income or benefits, such as child support, TANF (AFDC), food stamps, Social Security, worker's compensation, or disability payments?

Applies to: All respondents.

Sources: BPS:04/09 field test student interview

MEANF
Untaxed benefit type: TANF

Which of the following did you or your spouse receive in 2007?

Applies to: Respondents who received untaxed benefits.

Sources: BPS:04/09 field test student interview

MESOCSEC
Untaxed benefit type: social security benefits

Which of the following did you or your spouse receive in 2007?

Applies to: Respondents who received untaxed benefits.

Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MEWRKCMP
Untaxed benefit type: worker’s compensation
[if MEMARR = 2]
Which of the following did you or your spouse receive in 2007?
[else]
Which of the following did you receive in 2007? Worker’s compensation
0 = No
1 = Yes
Applies to: Respondents who received untaxed benefits.
Sources: BPS:04/09 field test student interview

MEDISAB
Untaxed benefit type: disability payments
[if MEMARR = 2]
Which of the following did you or your spouse receive in 2007?
[else]
Which of the following did you receive in 2007? Disability payments
0 = No
1 = Yes
Applies to: Respondents who received untaxed benefits.
Sources: BPS:04/09 field test student interview

MESTMPS
Untaxed benefit type: food stamps
[if MEMARR = 2]
Which of the following did you or your spouse receive in 2007?
[else]
Which of the following did you receive in 2007? Food stamps
0 = No
1 = Yes
Applies to: Respondents who received untaxed benefits.
Sources: BPS:04/09 field test student interview

MECHILD
Untaxed benefit type: child support
[if MEMARR = 2]
Which of the following did you or your spouse receive in 2007?
[else]
Which of the following did you receive in 2007? Child support
0 = No
1 = Yes
Applies to: Respondents who received untaxed benefits.
Sources: BPS:04/09 field test student interview

METAXTYX
Untaxed benefit type: other
[if MEMARR = 2]
Which of the following did you or your spouse receive in 2007?
[else]
Which of the following did you receive in 2007? Another benefit not listed
0 = No
1 = Yes
Applies to: Respondents who received untaxed benefits.
Sources: BPS:04/09 field test student interview

MEHOUSE
Own home or pay rent
[if MEMARR = 2]
Do you own a home or are you paying rent? If someone other than your spouse makes mortgage or rent payments on your behalf, please answer, "Neither own a home nor pay rent."
[else]
Do you own a home or are you paying rent? If someone makes mortgage or rent payments on your behalf, please answer, "Neither own a home nor pay rent."
0 = Neither own a home nor pay rent
1 = Own home (or pay a mortgage)
2 = Pay rent
Applies to: Respondents who were not living on campus while currently enrolled as an undergraduate between July 2005 and the time of the interview.
Sources: BPS:04/09 field test student interview

MEMTGAMT
Monthly rent or mortgage payment amount
[if MEMARR = 2 and MEHOUSE = 1]
How much is your monthly mortgage payment? If you share payment of your mortgage with anybody other than your spouse, please indicate the amount for which you and your spouse are responsible.
[else if MEMARR = 2 and MEHOUSE = 2]
How much is your monthly rent payment? If you share payment of your rent with anybody other than your spouse, please indicate the amount for which you and your spouse are responsible.
[else if MEMARR ne 2 and MEHOUSE = 1]
How much is your monthly mortgage payment? If you share payment of your mortgage with others, please indicate the amount for which you are responsible.
[else]
How much is your monthly rent payment? If you share payment of your rent with others, please indicate the amount for which you are responsible.
Applies to: Respondents who were not living on campus while currently enrolled as an undergraduate between July 2005 and the time of the interview, and owned a home or paid rent.
Sources: BPS:04/09 field test student interview
MEMTGDK
Monthly rent or mortgage payment amount: don't know
[if MEMARR = 2 and MEHOUSE = 1]
How much is your monthly mortgage payment? If you share payment of your mortgage with anybody other than your spouse, please indicate the amount for which you and your spouse are responsible.
[else if MEMARR = 2 and MEHOUSE = 2]
How much is your monthly rent payment? If you share payment of your rent with anybody other than your spouse, please indicate the amount for which you and your spouse are responsible.
[else if MEMARR ne 2 and MEHOUSE = 1]
How much is your monthly mortgage payment? If you share payment of your mortgage with others, please indicate the amount for which you are responsible. [else] How much is your monthly rent payment? If you share payment of your rent with others, please indicate the amount for which you are responsible.

Don’t know
0 = No
1 = Yes

Applies to: Respondents who were not living on campus while currently enrolled as an undergraduate between July 2005 and the time of the interview, and owned a home or paid rent but did not provide an amount. Recode note: If MEMTGAMT >= 0 then MEMTGDK = 0
Sources: BPS:04/09 field test student interview

MECRLON
Have a car payment
[if MEMARR = 2]
Do you make loan or lease payments for a car, truck, motorcycle, or other vehicle? If someone other than your spouse makes the payments on your behalf, please answer, "no."
[else]
Do you make loan or lease payments for a car, truck, motorcycle, or other vehicle? If someone makes the payments on your behalf, please answer, "no."
0 = No
1 = Yes

Applies to: All respondents. Recode note: If MECARLON = 1 and MECARAMT = 0 then MECARLON = 0
Sources: BPS:04/09 field test student interview

MECARAMT
Car payment amount
How much do you pay for your vehicle loan or lease each month?
Applies to: Respondents who made loan or lease payments for a vehicle.
Sources: BPS:04/09 field test student interview

MENUMCRD
Number of credit cards
How many credit cards do you have in your own name that are billed to you? card(s)
Observed range: 1 - 20
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MENMCDDK
Number of credit cards: don’t know
How many credit cards do you have in your own name that are billed to you?
Don’t know
0 = Do know number of credit cards
1 = Do not know number of credit cards

Applies to: All respondents. Recode note: If MENUMCRD >= 0 then MENMCDDK = 0
Sources: BPS:04/09 field test student interview

MEPAYOFF
Payoff or carry credit balance
[if MENUMCRD = 1]
Do you usually pay off your credit card balance each month, or carry the balance over from month to month?
[else]
Do you usually pay off your credit card balances each month, or carry balances over from month to month?
1 = Pay off balance(s)
2 = Carry balance(s)

Applies to: Respondents with at least one credit card. Recode note: If MEPAYOFF = 2 and MECRDBAL = 0 then MEPAYOFF = 1
Sources: BPS:04/09 field test student interview

MECRDBAL
Balance due on all credit cards
[if MENUMCRD = 1]
What was the balance on your credit card according to your last statement?
[else]
What was the combined balance of all your credit cards according to your last statements?
Applies to: Respondents with at least one credit card who carried their balances from month to month.
Sources: BPS:04/09 field test student interview

MESPLV
Spouse highest education level
What is your spouse's highest level of education?
1 = Did not complete high school
2 = High school diploma or equivalent
3 = Vocational or technical training
4 = Less than 2 years of college
5 = Associate's degree
6 = 2 or more years of college but no degree
7 = Bachelor's degree
8 = Graduate degree

Applies to: Respondents who were married.
Sources: BPS:04/09 field test student interview
MESPCOL
Spouse attended college in 2007-2008
Did your spouse attend college or graduate school during the 2007-2008 school year?

0 = No
1 = Yes, full-time
2 = Yes, part-time

Applies to: Respondents who were married.
Sources: BPS:04/09 field test student interview

MESPLN
Spouse student loans
Does your spouse currently have student loans? If your spouse has student loans, but is not yet repaying the loans, select "yes."

0 = No
1 = Yes

Applies to: Respondents who were married.
Sources: BPS:04/09 field test student interview

MESPAMT
Spouse total student loan amount
What is the total amount still owed for your spouse's student loans?

Applies to: Respondents who were married and whose spouse had student loans.
Sources: BPS:04/09 field test student interview

MESPLNPy
Spouse monthly student loan payment
What are the monthly payments for your spouse's student loans?

Applies to: Respondents who were married and whose spouse had student loans.
Sources: BPS:04/09 field test student interview

MESPLNIR
Spouse monthly student loan payment: not yet in repayment
What are the monthly payments for your spouse's student loans?

Not yet in repayment

0 = In repayment of student loans
1 = Not yet in repayment of student loans

Applies to: Respondents who were married and whose spouse had student loans.
Sources: BPS:04/09 field test student interview

MEVLTUT
Volunteer type: radio: tutoring/education-related
What types of community service or volunteer work did you perform?
Tutoring, education-related work with kids

0 = No
1 = Yes

Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLKIDS
Volunteer type: radio: other work with kids
What types of community service or volunteer work did you perform?
Other work with kids (coaching, sports, Big Brother or Big Sister, etc.)

0 = No
1 = Yes

Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLFUND
Volunteer type: radio: fundraising (political and non-political)
What types of community service or volunteer work did you perform?
Fundraising (political and non-political)

0 = No
1 = Yes

Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLSOUP
Volunteer type: radio: homeless shelter/soup kitchen
What types of community service or volunteer work did you perform?
Homeless shelter or soup kitchen

0 = No
1 = Yes

Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MECOMSRV
Community service or volunteer in last 12 months
Have you performed any community service or volunteer work in the last 12 months? Please do not include charitable donations (such as food, clothing, money, etc.), paid community service, or court-ordered service.

0 = No
1 = Yes

Applies to: All respondents.
Sources: BPS:04/09 field test student interview
MEVLNEI
Volunteer type: radio: neighborhood improvement
What types of community service or volunteer work did you perform?
Neighborhood improvement, clean-up, or Habitat for Humanity
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLHEA
Volunteer type: radio: health services
What types of community service or volunteer work did you perform?
Health services or hospital, nursing home, group home
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLCHU
Volunteer type: radio: service to a church
What types of community service or volunteer work did you perform?
Service to a church or other religious organization
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLOTH
Volunteer type: radio: other
What types of community service or volunteer work did you perform?
Other
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form.
Sources: BPS:04/09 field test student interview

MEVLTP2
Volunteer type: radio: other specify
Please specify the other type(s) of community service or volunteer work you performed.
Applies to: Respondents who had volunteered in the past 12 months, and were administered the radio button version of this form and chose other type of volunteer work.
Sources: BPS:04/09 field test student interview

MEVLBTU
Volunteer type: checkbox: tutoring/education-related
What types of community service or volunteer work did you perform?
Tutoring, education-related work with kids
0 = Not tutoring/education-related
1 = Yes, tutoring/education-related
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLGBKID
Volunteer type: checkbox: other work with kids
What types of community service or volunteer work did you perform?
Other work with kids (coaching, sports, Big Brother or Big Sister, etc.)
0 = Not other work with kids
1 = Yes, other work with kids
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBFND
Volunteer type: checkbox: fundraising (political and non-political)
What types of community service or volunteer work did you perform?
Fundraising (political and non-political)
0 = Not fundraising
1 = Yes, fundraising
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBSUP
Volunteer type: checkbox: homeless shelter/soup kitchen
What types of community service or volunteer work did you perform?
Homeless shelter or soup kitchen
0 = Not homeless shelter/soup kitchen
1 = Yes, homeless shelter/soup kitchen
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBNEI
Volunteer type: checkbox: neighborhood improvement
What types of community service or volunteer work did you perform?
Neighborhood improvement, clean-up, or Habitat for Humanity
0 = Not neighborhood improvement
1 = Yes, neighborhood improvement
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MEVLBHEA
Volunteer type: checkbox: health services
What types of community service or volunteer work did you perform?
Health services or hospital, nursing home, group home
0 = Not health services
1 = Yes, health services
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBCHU
Volunteer type: checkbox: service to a church
What types of community service or volunteer work did you perform?
Service to a church or other religious organization
0 = Not service to a church
1 = Yes, service to a church
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBOTH
Volunteer type: checkbox: other
What types of community service or volunteer work did you perform?
Another type of service not listed
0 = No other services
1 = Yes, other services
Applies to: Respondents who had volunteered in the past 12 months, and were administered the checkbox version of this form.
Sources: BPS:04/09 field test student interview

MEVLBSPE
Volunteer type: checkbox: other specify
What types of community service or volunteer work did you perform?
Please specify:
Applies to: Respondents who had volunteered in the past 12 months, and chose other type of volunteer work.
Sources: BPS:04/09 field test student interview

MEVLTD01
Volunteer type 1: self-coded drop downs
How would you categorize the answer(s) you gave?
(Please match your response(s) provided below to a category from the drop down list.)
1 = Tutoring, education-related work with kids
2 = Other work with kids (coaching, sports, Big Brother or Big Sister, etc.)
3 = Service to a church or other religious organization
4 = Fundraising (political and non-political)
5 = Homeless shelter or soup kitchen
6 = Health services or hospital, nursing home, group home
7 = Neighborhood improvement, clean-up, or Habitat for Humanity
8 = Other
Applies to: Respondents who had volunteered in the past 12 months, and provided at least one response to the textbox/dropdown version of this form.
Sources: BPS:04/09 field test student interview

MEVLTA
Volunteer type: combined: tutoring/education-related
What types of community service or volunteer work did you perform?
Tutoring, education-related work with kids
0 = Not tutoring/education-related
1 = Yes, tutoring/education-related
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTB
Volunteer type: combined: other work with kids
What types of community service or volunteer work did you perform?
Other work with kids (coaching, sports, Big Brother or Big Sister, etc.)
0 = Not other work with kids
1 = Yes, other work with kids
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTC
Volunteer type: combined: fundraising (political and non-political)
What types of community service or volunteer work did you perform?
Fundraising (political and non-political)
0 = Not fundraising
1 = Yes, fundraising
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MEVLTD
Volunteer type: combined: homeless shelter/soup kitchen
What types of community service or volunteer work did you perform?
Homeless shelter or soup kitchen
  0 = Not homeless shelter/soup kitchen
  1 = Yes, homeless shelter/soup kitchen
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTE
Volunteer type: combined: neighborhood improvement
What types of community service or volunteer work did you perform?
Neighborhood improvement, clean-up, or Habitat for Humanity
  0 = Not neighborhood improvement
  1 = Yes, neighborhood improvement
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTF
Volunteer type: combined: health services
What types of community service or volunteer work did you perform?
Health services or hospital, nursing home, group home
  0 = Not health services
  1 = Yes, health services
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTG
Volunteer type: combined: service to a church
What types of community service or volunteer work did you perform?
Service to a church or other religious organization
  0 = Not service to a church
  1 = Yes, service to a church
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTH
Volunteer type: combined: other
What types of community service or volunteer work did you perform?
Other
  0 = No other services
  1 = Yes, other services
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLTS
Volunteer type: combined: other specify
What types of community service or volunteer work did you perform?
Please specify:
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLHRS
Hours volunteered per month
On average, how many hours did you volunteer each month during the last year? hour(s) per month
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEVLONE
One time volunteer event
On average, how many hours did you volunteer each month during the last year?
One time event
  0 = No
  1 = Yes
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCLASS
Volunteer reason: class requirement
Why did you become involved in your community service or volunteer work? It was a class requirement or participation was through a campus organization such as a sorority/fraternity
  0 = No
  1 = Yes
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCENC
Volunteer reason: encouraged by friends/family/faculty
Why did you become involved in your community service or volunteer work?
Participation was encouraged by friends, family, faculty, or a mentor
  0 = No
  1 = Yes
Apply to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview
MESCPERS
Volunteer reason: expression of personal beliefs and values
Why did you become involved in your community service or volunteer work?
As an expression of personal beliefs and/or values
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCMEEET
Volunteer reason: meet new people
Why did you become involved in your community service or volunteer work?
To meet new people
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCSKIL
Volunteer reason: develop useful skills
Why did you become involved in your community service or volunteer work?
To develop useful skills
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESFEEL
Volunteer reason: feel good about self
Why did you become involved in your community service or volunteer work?
To feel good (for self-esteem)
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCOOTH
Volunteer reason: other
Why did you become involved in your community service or volunteer work?
Another reason not listed
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MESCSPE
Volunteer reason: other specify
Why did you become involved in your community service or volunteer work?
Please specify:
Applies to: Respondents who had volunteered in the past 12 months and indicated other.
Sources: BPS:04/09 field test student interview

MERTCAR
Rate volunteer: helped career choice
Which of the following statements describe your experience in your community service or volunteer work activities?
It helped you choose a career
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MERTREAL
Rate volunteer: revealed how to apply skills
Which of the following statements describe your experience in your community service or volunteer work activities?
It revealed how to apply your knowledge, skills, and/or interests to real world issues
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MERTRES
Rate volunteer: addition to resume
Which of the following statements describe your experience in your community service or volunteer work activities?
It was an important addition to your resume
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MERTMAJ
Rate volunteer: clarified choice of majors
Which of the following statements describe your experience in your community service or volunteer work activities?
It clarified your choice of majors
0 = No
1 = Yes
Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview
MERTCOM
Rate volunteer: helped to be more compassionate
Which of the following statements describe your experience in your community service or volunteer work activities?
It helped you become a more compassionate person
0 = No
1 = Yes
 Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MERTSOC
Rate volunteer: increased awareness of social issues
Which of the following statements describe your experience in your community service or volunteer work activities?
It increased your awareness of social issues
0 = No
1 = Yes
 Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MERTSKIL
Rate volunteer: expanded skills
Which of the following statements describe your experience in your community service or volunteer work activities?
It expanded your skills (leadership, communication, etc.)
0 = No
1 = Yes
 Applies to: Respondents who had volunteered in the past 12 months.
Sources: BPS:04/09 field test student interview

MEDISSEN
Disability: sensory impairment
Do you have a sensory impairment, such as blindness, deafness, or a severe vision or hearing impairment, that has lasted for 6 months or more?
0 = No
1 = Yes
 Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEDISMOB
Disability: mobility impairment
Do you have a mobility impairment that has substantially limited one or more basic physical activities, such as walking, climbing stairs, reaching, lifting, or carrying, for 6 months or more?
0 = No
1 = Yes
 Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEDISOTH
Disability: other impairment
Excluding any disabilities already mentioned, do you have any other physical, mental, emotional, or learning condition that has lasted 6 months or more?
0 = No
1 = Yes
 Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEMAIN
Main disability or impairment
What is the main type of condition or impairment you have?
1 = Hearing impairment (i.e., deaf or hard of hearing)
2 = Blindness or visual impairment that cannot be corrected by wearing glasses
3 = Speech or language impairment
4 = Orthopedic or mobility impairment
5 = Specific learning disability or dyslexia
6 = Attention deficit disorder (ADD)
7 = Health impairment or problem
8 = Mental, emotional or psychiatric condition
9 = Depression
10 = Developmental disability
11 = Brain injury
12 = Other
 Applies to: Respondents who indicated they had a sensory, mobility or other impairment.
Sources: BPS:04/09 field test student interview

MEHIGHED
Highest education level expected
Now we'd like to ask a few questions about your educational and personal goals. What is the highest level of education you ever expect to complete?
0 = No degree or certificate expected
2 = Undergraduate certificate or diploma (occupational or technical program)
3 = Associate's degree
4 = Bachelor's degree
6 = Post-baccalaureate certificate or program
8 = Master's degree
9 = Post-master's certificate
10 = Professional degree
11 = Doctoral degree
12 = Other
 Applies to: All respondents.
Sources: BPS:04/09 field test student interview
Appendix C. Facsimile of Field Test Instrument

MEPLNTCH
Plan on teaching at K-12 level
Do you plan on becoming a teacher at the K-12 (kindergarten through grade 12) level?
1 = Definitely yes
2 = Probably yes
3 = Probably not
4 = Definitely not
Applies to: Respondents who were not working as a K-12 teacher.
Recode note: If MDOC2C6 in (252012 252021 252022 252023 252031 252032 252041 252042 252043) then MEPLNTCH = 1
Sources: BPS:04/09 field test student interview

MEPLINF
Personal goals: influence political structure
Please indicate which of the following personal goals are very important to you.
Influencing the political structure
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEWLOFF
Personal goals: being financially well-off
Please indicate which of the following personal goals are very important to you.
Being very well-off financially
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MESTEADY
Personal goals: find steady work
Please indicate which of the following personal goals are very important to you.
Being able to find steady work
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MELEADR
Personal goals: being a leader in the community
Please indicate which of the following personal goals are very important to you.
Being a leader in the community
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MECLSFAM
Personal goals: living close to relatives
Please indicate which of the following personal goals are very important to you.
Living close to parents and relatives
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEKIDS
Personal goals: having children
Please indicate which of the following personal goals are very important to you.
Having children
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEEXPRT
Personal goals: recognized as an expert
Please indicate which of the following personal goals are very important to you.
Being recognized as an expert in your field of work
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview

MEMEAN
Personal goals: meaning and purpose in life
Please indicate which of the following personal goals are very important to you.
Finding meaning and a sense of purpose in your life
0 = No
1 = Yes
Applies to: All respondents.
Sources: BPS:04/09 field test student interview
**MEHELP**

*Personal goals: help others in need*

Please indicate which of the following personal goals are very important to you.

Helping others in need

0 = No  
1 = Yes

*Applies to: All respondents.*

Sources: BPS:04/09 field test student interview

**MEINCHO**

*Satisfaction: institutional choice*

[if TCURENUG = 0]

Are you satisfied with the quality of the undergraduate education you received at [TSCHUG]?  
[else]

Are you satisfied with the quality of the undergraduate education you are receiving at [TSCHUG]?

0 = No  
1 = Yes

*Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and the time of the interview.*

Sources: BPS:04/09 field test student interview

**MEMAJCHO**

*Satisfaction: choice of major*

[if MCDEGMAJ = 1 or MCDBLMAJ = 2]

Are you satisfied with your choice of majors at [TSCHUG]?

[else if MCMAJ1 = -9]

Are you satisfied with your choice of undergraduate major or course of study?

[else]

Are you satisfied with your choice of [MCMAJ1] as your undergraduate major or course of study? Are you satisfied with your most recent choice of undergraduate major or course of study?

0 = No  
1 = Yes

*Applies to: Respondents who were enrolled in an undergraduate degree program and who had declared at least one major between July 2005 and the time of the interview.*

Sources: BPS:04/09 field test student interview

**MECOBEN**

*Satisfaction: career options and earnings potential*

Do you think that your career options and earnings potential are worth the amount of time you spent and the financial cost of your education so far?

0 = No  
1 = Yes

*Applies to: Respondents who were enrolled in an undergraduate degree program between July 2005 and the time of the interview.*

Sources: BPS:04/09 field test student interview
Appendix D
Training Materials
## NPSAS 2008 Full Scale
Telephone Interviewer Training Agenda
Two Day Agenda: Sunday-Monday

<table>
<thead>
<tr>
<th>Day 1/Session 1</th>
<th>1:00 p.m.–</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 p.m.</td>
<td></td>
</tr>
<tr>
<td>Welcome and Introduction</td>
<td></td>
</tr>
<tr>
<td>Overview of Study</td>
<td></td>
</tr>
<tr>
<td>Your Role as an Interviewer</td>
<td></td>
</tr>
<tr>
<td>Confidentiality</td>
<td></td>
</tr>
<tr>
<td>TI Introductions</td>
<td></td>
</tr>
<tr>
<td>Demonstration Interview</td>
<td></td>
</tr>
<tr>
<td>Frequently Asked Questions</td>
<td></td>
</tr>
<tr>
<td><em>Break</em></td>
<td></td>
</tr>
<tr>
<td>Introduction to the Front End</td>
<td></td>
</tr>
<tr>
<td>Q x Q Review</td>
<td></td>
</tr>
<tr>
<td><em>Short Break</em></td>
<td></td>
</tr>
<tr>
<td>Q x Q Review Continued</td>
<td></td>
</tr>
<tr>
<td>Wrap–up questions</td>
<td></td>
</tr>
<tr>
<td><em>Break</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day 1/Session 2</th>
<th>5:30 p.m.–</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 p.m.</td>
<td></td>
</tr>
<tr>
<td>FAQ Review</td>
<td></td>
</tr>
<tr>
<td>Coding practice</td>
<td></td>
</tr>
<tr>
<td>Round Robin Mock #1</td>
<td></td>
</tr>
<tr>
<td><em>Break</em></td>
<td></td>
</tr>
<tr>
<td>FAQ Review</td>
<td></td>
</tr>
<tr>
<td>Paired Mocks</td>
<td></td>
</tr>
<tr>
<td>Coding exercise review</td>
<td></td>
</tr>
<tr>
<td>Wrap–up questions</td>
<td></td>
</tr>
</tbody>
</table>
Day 2/Session 3
10:00 p.m. – 6:00 p.m.

Welcome/Notarization/Confidentiality Review
Coding Certification
FAQ Review
Additional Front End Practice
Round Robin Mock #2

Break

Training Evaluations
Certification Interviews/FAQ Certification
BPS Telephone Interview Training
April 2, 2008 6–10pm

6:00–6:10  Introductions/Conf. forms
6:10–6:25  Study Overview (Main Differences)
6:25–6:40  FAQ Introduction - Randy
6:40–7:45  QxQs with special focus on additional BPS coders
7:45–8:00  Break
8:00–8:45  Round Robin
8:45–9:00  FAQ Review
9:00–9:55  Certifications
9:55–10:00 Wrap-up Questions
TRAINING MANUAL CONTENTS

1.0 INTRODUCTION........................................................................................................ 1-1

1.1. What is the 2004/09 Beginning Postsecondary Students Longitudinal Study? .............. 1-1
1.1.1. Overview of BPS:04/09.............................................................................................. 1-2
1.1.2. What is the Purpose of the BPS:04/09 Field Test and Full-Scale Studies? ...... 1-2

1.2. Methodology .............................................................................................................. 1-3
1.2.1. How Were Sample Members Selected? .................................................................... 1-3
1.2.2. How Will the Interviews Be Conducted?................................................................. 1-4
1.2.3. The Use of Incentives ................................................................................................. 1-5
1.2.4. Data Collection Experiments..................................................................................... 1-6

1.3. Data Collection Schedule ............................................................................................. 1-7

1.4. Project Staff.................................................................................................................. 1-8

1.5. Common Abbreviations................................................................................................. 1-8

2.0 GENERAL INTERVIEWING TECHNIQUES ................................................................. 2-1

2.1. Overview ..................................................................................................................... 2-1
2.2. Sample Members’ Rights ............................................................................................. 2-2
2.2.1. Right to Accurate Representation .............................................................................. 2-3
2.2.2. Right of Informed Consent ......................................................................................... 2-3
2.2.3. Right to Refuse ............................................................................................................. 2-3
2.2.4. Right of Privacy ........................................................................................................ ... 2-4
2.3. Confidentiality............................................................................................................ 2-4
2.3.1. Security Clearance ................................................................................................... 2-5
2.4. Obtaining Cooperation ................................................................................................. 2-8
2.5. Refusals and Insist-Pay ................................................................................................. 2-9
2.6. Best Practices in Conducting the Interview ................................................................... 2-11
2.6.1. Asking the Questions ............................................................................................... 2-11
2.6.2. Using Feedback ........................................................................................................ 2-13
2.6.3. Recording Responses Accurately ........................................................................... 2-14
2.6.4. Use of Judgment in Coding .................................................................................... 2-15
2.6.5. Answers to Questions .............................................................................................. 2-15

3.0 LOCATING AND CONTACTING SAMPLE MEMBERS .............................................. 3-1

3.1. Pre-CATI Tracing Activities......................................................................................... 3-1
3.2. CATI Locating Procedures .......................................................................................... 3-1
3.3. Tracing Procedures .................................................................................................... 3-2
3.4. Prompting .................................................................................................................. 3-3
3.5. Initial Contact ............................................................................................................ 3-3
3.6. Scheduling a Callback ............................................................................................... 3-5
3.7. Telephone Answering Machine Message Protocol ...................................................... 3-6
3.8. Status Codes ............................................................................................................. 3-6

4.0 CATI DATA COLLECTION.......................................................................................... 4-1

4.1. Web-Based Instrumentation/Self-Administered Instrument ........................................... 4-1
4.2. Using a Windows-Based System .................................................................................. 4-1
4.2.1. Getting Around: Using a Mouse ............................................................................... 4-1
5.0 QUALITY CONTROL .............................................................................................................. 5-1
  5.1. Ensuring Quality in the Interview ....................................................................................... 5-1
      5.1.1. Performance Monitoring ............................................................................................ 5-1
  5.2. Electronic Problem Reports .............................................................................................. 5-5
  5.3. Quality Circle Meetings .................................................................................................... 5-6
  5.4. Conclusion ......................................................................................................................... 5-10

6.0 HELP DESK AGENT SUPPLEMENT .................................................................................. 6-1
  6.1. Training ............................................................................................................................... 6-1
  6.2. Help Desk Objectives ......................................................................................................... 6-1
  6.3. Help Desk Agent Responsibilities ....................................................................................... 6-2
  6.4. Toll-Free Telephone Number and Routing System ......................................................... 6-3
  6.5. Types of Questions You Will Encounter ............................................................................ 6-3
  6.6. Help Desk Call-Tracking Module ...................................................................................... 6-4
      6.6.1. Logging In to the Help Desk Call-Tracking Module ................................................... 6-4
      6.6.2. Logging a Call ............................................................................................................. 6-5
      6.6.3. Search Incidents ......................................................................................................... 6-11
      6.6.4. Reviewing Pending Incidents .................................................................................... 6-13
      6.6.5. Exiting the Application .............................................................................................. 6-14
  6.7. Conclusion .......................................................................................................................... 6-15

7.0 TELEPHONE SUPERVISOR SUPPLEMENT ........................................................................ 7-1
  7.1. Responsibilities of BPS Personnel ..................................................................................... 7-1
      7.1.1. Project Supervisors .................................................................................................... 7-1
      7.1.2. Quality Control Supervisors ..................................................................................... 7-2
      7.1.3. Help Desk Agents ..................................................................................................... 7-3
      7.1.4. Telephone Interviewers ............................................................................................ 7-3
  7.2. Project Communications ................................................................................................... 7-4
  7.3. Hiring and Training ........................................................................................................... 7-5
  7.4. Shift Preparations ............................................................................................................... 7-6
  7.5. Silent Monitoring ............................................................................................................... 7-6
  7.6. Problem Sheets .................................................................................................................. 7-7
  7.7. Questions from Sample Members .................................................................................... 7-7
  7.8. Case Management ............................................................................................................. 7-7
  7.9. 800 Number Call-Ins and Tracing Referrals ..................................................................... 7-13
  7.10. Supervisory Review Procedures ....................................................................................... 7-13
       7.10.1. Tracing Review ......................................................................................................... 7-14
       7.10.2. Appointments ........................................................................................................... 7-14
       7.10.3. Refusals .................................................................................................................... 7-15
       7.10.4. Cases with over 20 Calls ......................................................................................... 7-15
       7.10.5. CCS Missed Appointments .................................................................................... 7-16
       7.10.6. Supervisor Review Queue ....................................................................................... 7-16
       7.10.7. How CATI Selects the Roster Line for the Next Call .............................................. 7-16
  7.11. Nonresponse Incentive Protocol ...................................................................................... 7-17

Appendix D. Training Materials
7.12. Handling Incentive Cases on the Telephone ................................................................. 7-18
7.13. Monitoring Costs ....................................................................................................... 7-18
7.14. Periodic Project Meetings ......................................................................................... 7-19
  7.14.1. Maintenance of Project Files ............................................................................... 7-19

APPENDIXES
A. Prenotification Letters ................................................................................................. A-1
B. Event and Summary Status Codes ............................................................................... B-1
C. BPS:04/09 Field Test Trace Review Procedures ........................................................ C-1
D. BPS:04/09 Refusal Conversion Procedures ................................................................. D-1
E. Help Desk Issues/Resolutions ..................................................................................... E-1