2008 National Survey of College Graduates

Conducted for National Science Foundation by U.S. Department of Commerce Economics and Statistics Administration

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Please make any name/address changes below:

First Name          M.I.
Last Name
Number and Street
City/Town
State      ZIP Code

NOTE:
This questionnaire has been annotated to aid data users in matching SESTAT variables to the questionnaire. Blue text boxes next to questions contain names of SAS variables populated with responses to that question.

Variables derived from reported information (i.e., recodes) are noted in red text boxes and placed near the variables or questions used to create the recodes.

Because there is no separate public-use NSCG dataset, all variables noted in this annotated questionnaire will be available to the public and restricted user.
Part A - Employment Situation

A1. Were you working for pay or profit during the week of October 1, 2008?
   Working includes being a student on paid work-study, self-employed, or on any type of paid or unpaid leave, including vacation.
   Use an X to mark your answer.
   □ Yes → Go to page 2, question A8
   □ No

A2. (If No) Did you look for work during the four weeks preceding October 1, 2008? This would be between September 3rd and October 1st.
   □ Yes
   □ No

A3. What were your reasons for not working during the week of October 1, 2008?
   Mark Yes or No for each item.
   □ Yes
   □ No
   1 Retired .................................................
   2 On layoff from a job..............................
   3 Student.................................................
   4 Family responsibilities..........................
   5 Chronic illness or permanent disability .........
   6 Suitable job not available .....................
   7 Did not need or want to work ............... 
   8 Other – Specify ................................ 

   If Yes →

A4. Prior to the week of October 1, 2008, when did you last work for pay or profit?
   If you never worked for pay or profit and then go to page 7, question D1
   Mark this box if you never worked for pay or profit

   □ Yes
   □ No

A5. What was the title of the last job you held prior to the week of October 1, 2008?
   Example: Financial analyst

A6. What kind of work were you doing on this last job – that is, what were your duties and responsibilities on your last job? Please be as specific as possible, including any area of specialization.
   Example: Analyzed financial information, prepared technical reports. Specialized in asset management.

A7. Using the JOB CATEGORY list on pages 11-12, choose the code that best describes the last job you held prior to the week of October 1, 2008.
   Code

   Note: Job category codes range from 010 to 500
### Principal Employer

**A8. Who was your principal employer during the week of October 1, 2008?**

- If you had more than one job, report the one for which you worked the most hours that week.
- If your employer had more than one location, report the location that employed you.
- If you worked for a contracting or consulting company, report the name of that company, not the client organization.

<table>
<thead>
<tr>
<th>Employer Name</th>
<th>INSTCOD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
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<th>CARN05C</th>
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<tbody>
<tr>
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</tbody>
</table>

<table>
<thead>
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<tbody>
<tr>
<td></td>
<td>EMST</td>
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</table>

<table>
<thead>
<tr>
<th>State</th>
<th>EMRG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EMUS</td>
</tr>
</tbody>
</table>

**A9. What was that employer’s main business or industry; that is, what did that employer make or do?**

If your principal employer had more than one type of business, report the type of business primarily performed at the location where you worked.

**Example:** Production of microprocessor chips

**EMPLOYER’S MAIN BUSINESS**

- [ ]

**A10. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.**

Mark one answer.

1. [ ] 10 or fewer employees
2. [ ] 11 - 24 employees
3. [ ] 25 - 99 employees
4. [ ] 100 - 499 employees
5. [ ] 500 - 999 employees
6. [ ] 1,000 - 4,999 employees
7. [ ] 5,000 - 24,999 employees
8. [ ] 25,000+ employees

**A11. Which one of the following best describes your principal employer during the week of October 1, 2008? Were you…**

Mark one answer.

- [ ] SELF-EMPLOYED or a BUSINESS OWNER
  - [ ] In a non-incorporated business, professional practice, or farm
  - [ ] In an incorporated business, professional practice, or farm
- [ ] PRIVATE SECTOR employee
  - [ ] In a for-profit company or organization
  - [ ] In a non-profit organization (including tax-exempt and charitable organizations)
- [ ] GOVERNMENT employee
  - [ ] In a local government (e.g., city, county, school district)
  - [ ] In a state government (including state colleges/universities)
  - [ ] In the U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
  - [ ] In the U.S. government (e.g., civilian employee)
- [ ] OTHER type of employee
  - [ ] Other – Specify type of employer

**A12. Was your principal employer an educational institution?**

- [ ] Yes
- [ ] No → Go to page 3, question A14

**A13. (If Yes) Was the educational institution where you worked a…**

Mark one answer.

- [ ] Preschool, elementary, middle, or secondary school or system
- [ ] Two-year college, community college, or technical institute
- [ ] Four-year college or university, other than a medical school
- [ ] Medical school (including university-affiliated hospital or medical center)
- [ ] University-affiliated research institute
- [ ] Other – Specify

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**Page 2**

<table>
<thead>
<tr>
<th>State</th>
<th>ZIP Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**City/Town**

**Department/Division**

**Employer Name**

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2108025
### Principal Job

**A14.** What was the title of the principal job you held during the week of October 1, 2008?

*Example: Financial analyst*

**A15.** What kind of work were you doing on this job – that is, what were your duties and responsibilities on your principal job? Please be as specific as possible, including any area of specialization.

*Example: Analyzed financial information, prepared technical reports. Specialized in asset management.*

**A16.** Using the JOB CATEGORY list on pages 11-12, choose the code that best describes the principal job you held during the week of October 1, 2008.

**CODE**

NOTE: Job category codes range from 010 to 500

**A17.** Did your duties on this job require the technical expertise of a bachelor’s degree or higher in...

*Mark Yes or No for each item.*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGRNAT</td>
<td>Engineering, computer science, math, or the natural sciences</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>MGRSOC</td>
<td>The social sciences</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>MGROTH</td>
<td>Some other field (e.g., health, business, or education) – Specify</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

**A18.** During what month and year did you start this job (that is, the principal job you held during the week of October 1, 2008)?

**PRINCIPAL JOB STARTED**

**Month**

**Year**

**STRTMN**

**STRTYR**

**A19.** To what extent was your work on your principal job related to your highest degree? Was it...

*Mark one answer.*

- ☐ Closely related
- ☐ Somewhat related
- ☐ Not related

**OCEDRLP**

**A20.** (If Not related) Did these factors influence your decision to work in an area outside the field of your highest degree?

*Mark Yes or No for each item.*

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay, promotion opportunities</td>
<td>☐</td>
</tr>
<tr>
<td>Working conditions (e.g., hours, equipment, working environment)</td>
<td>☐</td>
</tr>
<tr>
<td>Job location</td>
<td>☐</td>
</tr>
<tr>
<td>Change in career or professional interests</td>
<td>☐</td>
</tr>
<tr>
<td>Family-related reasons (e.g., children, spouse’s job moved)</td>
<td>☐</td>
</tr>
<tr>
<td>Job in highest degree field not available</td>
<td>☐</td>
</tr>
<tr>
<td>Some other reason – Specify</td>
<td>☐</td>
</tr>
</tbody>
</table>

**A21.** Which two factors in question A20 were your **most** important reasons for working in an area outside the field of your highest degree?

*Enter number of appropriate reason from question A20 above.*

<table>
<thead>
<tr>
<th>Reason</th>
<th>Most important reason</th>
<th>Second most important reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

**NRREA**

**NRSEC**
**A22.** The next question is about your work activities on your principal job. Which of the following work activities occupied at least 10 percent of your time during a **typical** work week on this job?

Mark Yes or No for each item.

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

1. Accounting, finance, contracts ............................................
2. Basic research – study directed toward gaining scientific knowledge primarily for its own sake ............................................
3. Applied research – study directed toward gaining scientific knowledge to meet a recognized need ............................................
4. Development – using knowledge gained from research for the production of materials, devices ............................................
5. Design of equipment, processes, structures, models ............................................
6. Computer programming, systems or applications development ............................................
7. Human resources – including recruiting, personnel development, training ............................................
8. Managing or supervising people or projects ............................................
9. Production, operations, maintenance (e.g., chip production, operating lab equipment) ............................................
10. Professional services (e.g., health care, counseling, financial services, legal services) ............................................
11. Sales, purchasing, marketing, customer service, public relations ............................................
12. Quality or productivity management ............................................
13. Teaching ............................................
14. Other – **Specify** ............................................

**A23.** On which two activities in question A22 did you work the **most** hours during a typical week on this job?

Enter number of appropriate activity from question A22 above.

1. Activity **most** hours

2. Activity **second most** hours 

(Enter “0” if no second most)
A28. Was this salary based on a 52-week year, or less than that?

Include paid vacation and sick leave.

☐ 52-week year
☐ Less than 52 weeks

A29. During a typical week on your principal job, how many hours did you work?

NUMBER OF HOURS WORKED PER WEEK

If fewer than 35 hours, go to question A30.
If 35 or more hours, go to question A32.

A30. (If fewer than 35 hours) Did you want to work 35 or more hours per week on your principal job?

☐ Yes
☐ No

A31. For which of the following reasons did you usually work fewer than 35 hours per week on the principal job you held during the week of October 1, 2008?

Mark Yes or No for each item.

☐ Yes
☐ No

1. Previously retired or semi-retired
   ☐ Yes
   ☐ No

   Year retired

2. Student
   ☐ Yes
   ☐ No

3. Family responsibilities
   ☐ Yes
   ☐ No

4. Chronic illness or disability
   ☐ Yes
   ☐ No

5. Full-time job not available
   ☐ Yes
   ☐ No

6. Held more than one job
   ☐ Yes
   ☐ No

7. Did not need or want to work more hours
   ☐ Yes
   ☐ No

8. Other – Specify
   ☐ Yes
   ☐ No

A32. During the week of October 1, 2008, were you working for pay (or profit) at a second job (or business), including part-time, evening, or weekend work?

☐ Yes
☐ No → Go to page 6, question A37

A33. (If Yes) What was the title of the second job you held during the week of October 1, 2008?

If you had more than two jobs that week, report the job where you worked the second most hours.

Example: Software salesperson

A34. What kind of work were you doing on this job – that is, what were your duties and responsibilities on your second job? Please be as specific as possible, including any area of specialization.

Example: Sell software for personal computers.

A35. Using the JOB CATEGORY list on pages 11-12, choose the code that best describes the second job you held during the week of October 1, 2008.

CODE

NOTE: Job category codes range from 010 to 500

A36. To what extent was your work on your second job related to your highest degree? Was it...

Mark one answer.

☐ Closely related
☐ Somewhat related
☐ Not related
A37. **Thinking back now to 2007,** was any of your work during 2007 supported by contracts or grants from the U.S. government?  

**FEDERAL EMPLOYEES:** Please answer “No.”  
Mark one answer.

- [ ] Did not work in 2007
- [x] Yes  
- [ ] No  
- [ ] Don’t know

Go to question B1 on this page

B1. **Were you working for pay or profit during both of these time periods** – the week of April 1, 2006 and the week of October 1, 2008?  

- [ ] Yes  
- [ ] No → Go to page 7, question C1

B2. **(If Yes)** During these two time periods – the week of April 1, 2006, and the week of October 1, 2008 – were you working for…  

Mark one answer.

- [ ] Same employer and in same type of job
- [ ] Same employer but in different type of job
- [ ] Different employer but in same type of job
- [ ] Different employer and in different type of job

Go to page 7, question C1

B3. **(If Different)** Why did you change your employer or your job?  

Mark Yes or No for each item.

- [ ] Pay, promotion opportunities ..........................
- [ ] Working conditions (e.g., hours, equipment, working environment) ..................
- [ ] Job location ..........................................
- [ ] Change in career or professional interests..................................................
- [ ] Family-related reasons (e.g., children, spouse’s job moved) ..................
- [ ] School-related reasons (e.g., returned to school, completed a degree) ..................
- [ ] Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) ..................
- [ ] Retired ..........................................
- [ ] Some other reason – Specify

A38. **Counting all jobs held** in 2007, what was your total earned income for 2007, before deductions?  

*Include all wages, salaries, bonuses, overtime, commissions, consulting fees, net income from businesses, summertime teaching or research, or other work associated with scholarships.*

$ __________, __________.00  
TOTAL 2007 EARNED INCOME
Part C - Other Work-Related Experiences

C1. During the past 12 months, did you take any work-related training, such as workshops or seminars?

Include conferences or professional meetings only if you attended a training session at the conference or meeting.

Do not include college coursework for which you were enrolled in a degree program.

1  Yes
2  No ➔ Go to question D1 on this page

C2. (If Yes) For which of the following reasons did you take training during the past 12 months?

Mark Yes or No for each item.

1  Yes  No
1  To improve skills or knowledge in your current occupational field
2  To increase opportunities for promotion or advancement in your current occupational field
3  For licensure or certification in your current occupational field
4  To facilitate a change to a different occupational field
5  Required or expected by employer
6  For leisure or personal interest
7  Other – Specify

C3. What was your most important reason from question C2 for taking training?

Enter number of appropriate reason from question C2 above.

Most Important Reason

Part D - Recent Educational Experiences

D1. Between April 2006 and October 2008, did you complete another degree such as a master’s or doctorate?

1  Yes
2  No ➔ Go to page 8, question E1

D2. (If Yes) What type of degree did you earn?

If you completed more than one degree, mark the level for the highest degree awarded.

Mark one answer.

1  Bachelor’s degree (e.g., BS, BA, AB)
2  Master’s degree (e.g., MS, MA, MBA)
3  Doctorate (e.g., PhD, DSc, EdD, etc.)
4  Other professional degree (e.g., JD, LLB, MD, DDS, DVM, etc.) – Specify
5  Other – Specify

D3. What was the primary field of study for this degree?

Primary Field of Study

D4. Using the FIELD OF STUDY list on pages 13-14, choose the code that best describes the field of study for this degree.

Code

Note: Field of study codes range from 601 to 995

D5. In what month and year was this degree awarded?

Month  Year

Degree Awarded  200
D6. From which academic institution did you receive this degree?

College or University Name

Department

City/Town

State/Foreign Country

NOTE-- The responses to question D7 below will only be placed in the variables below if it is determined that the degree entered in question D1 is the most recent degree on record for this respondent. Otherwise this information will be placed in analogous variables for the highest, 2nd highest, 3rd highest, 4th highest, or 5th highest degree as appropriate. See the list of degree variables on the last page of this questionnaire for more information.

D7. For which of the following reasons did you obtain this degree?  

Mark Yes or No for each item.

Yes No

1 To gain further education before beginning a career

2 To prepare for graduate school or further education

3 To change your academic or occupational field

4 To gain further skills or knowledge in your academic or occupational field

5 For licensure or certification

6 To increase opportunities for promotion, advancement, or higher salary

7 Required or expected by employer

8 For leisure or personal interest

9 Other – Specify

Part E - Demographic Information

E1. On October 1, 2008, were you...

Married

Living in a marriage-like relationship

Widowed

Separated

Divorced

Never married

Mark one answer.

E2. (If Married or Living in a marriage-like relationship) During the week of October 1, 2008, was your spouse or partner working?

Yes, full-time

Yes, part-time

No → Go to page 9, question E4

E3. Did your spouse’s or partner’s duties on this job require the technical expertise of a bachelor’s degree or higher in...

Engineering, computer science, math, or the natural sciences

The social sciences

Some other field (e.g., health, business, or education) – Specify

Mark Yes or No for each item.

Yes No

1

2

3
**E4.** As of the week of October 1, 2008, did you have any children living with you as part of your family?

*Only count children who lived with you at least 50 percent of the time.*

1  Yes
2  No → *Go to question E6*

**E5.** *(If Yes)* How many of these children living with you as part of your family were...

*If no children in a category, enter “0.”*

<table>
<thead>
<tr>
<th>Number of Children</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Under age 2 ......</td>
<td>CH6</td>
</tr>
<tr>
<td>2 Aged 2-5 ..........</td>
<td>CH25</td>
</tr>
<tr>
<td>3 Aged 6-11 .........</td>
<td>CH1218</td>
</tr>
<tr>
<td>4 Aged 12-18 .......</td>
<td>CH19</td>
</tr>
<tr>
<td>5 Aged 19 or older ..</td>
<td>CHU2</td>
</tr>
</tbody>
</table>

**E6.** On October 1, 2008, were you living in the United States, Puerto Rico, or another U.S. territory, or were you living in another country?

1  United States, Puerto Rico, or another U.S. territory
2  Another country

**E7.** On October 1, 2008, were you a...

1  U.S. citizen → *CTZUSIN*
2  Non-U.S. citizen → *Go to question E9*

**E8.** *(If U.S. citizen)* Were you a U.S. citizen...

*Mark one answer.*

1  Born in the United States, Puerto Rico, or another U.S. territory
2  Born abroad of American parent(s)
3  By naturalization→ *Go to question E11*

**E9.** *(If Non-U.S. citizen)* Were you a non-U.S. citizen...

1  With a Permanent U.S. Resident Visa (Green Card)
2  With a Temporary U.S. Resident Visa

**E10.** Of which foreign country are you a citizen?

**E11.** What is your birthdate?

Month BIRMN  Day BIRDAY  Year 19 BIRYR

**Variables derived from external sources:**

<table>
<thead>
<tr>
<th>REFID</th>
<th>REFYR</th>
<th>SURID</th>
<th>VALIND</th>
<th>WTSURVY</th>
<th>SRVMODE</th>
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<tbody>
<tr>
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<td>GENDER</td>
<td>ASIAN</td>
<td>BLACK</td>
<td>WHITE</td>
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<td>HISPANIC</td>
<td>HISPACAT</td>
<td>RACEM</td>
<td>RACETHM</td>
<td>MINRTY</td>
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<td>BTHRGN</td>
<td>RESPLO3</td>
<td>RESPLOC</td>
<td>RESPLCUS</td>
<td></td>
</tr>
</tbody>
</table>
E12. The next several questions are designed to help us better understand the career paths of individuals with different physical abilities.

E13. What is the USUAL degree of difficulty you have with…

Mark one answer for each item.

<table>
<thead>
<tr>
<th>Difficulty</th>
<th>None</th>
<th>Slight</th>
<th>Moderate</th>
<th>Severe</th>
<th>Unable to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them)</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>WALKING without human or mechanical assistance or using stairs</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

E14. Mark this box if you answered “None” to all the activities in question E13, and go to question E16.

E15. What is the earliest age at which you first began experiencing any difficulties in any of these areas?

AGE OR SINCE BIRTH

E16. In case we need to clarify some of the information you have provided, please list phone numbers and an email address where you can be reached.

Daytime Phone Number
Area Code - Number

Evening Phone Number
Area Code - Number

Email Address @

E17. Because we are interested in how education and employment change over time, we may be recontacting you in 2010. To help us contact you, please provide the name and contact information for two people who are likely to know where you can be reached. Do not include someone who lives in your household.

As with all the information provided in this questionnaire, complete confidentiality will be provided. These people will only be contacted if we have difficulty contacting you in 2010.

First Name | MI | Last Name
Number and Street
City/Town | State | ZIP Code
Country (if outside of U.S.)

E18. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (E19).
**JOB CATEGORY**

If you cannot find the code that best describes your job, use the "OTHER" code under the most appropriate broad category. If none of the codes fit your job, use Code 500.

### Biological/Life Scientists
- 021 Agricultural and food scientists
- 022 Biochemists and biophysicists
- 023 Biological scientists (e.g., botanists, ecologists, zoologists)
- 024 Forestry and conservation scientists
- 025 Medical scientists (excluding practitioners)
- 026 Technologists and technicians in the biological/life sciences
- 027 OTHER biological and life scientists

### Clerical/Administrative Support Occupations
- 031 Accounting clerks and bookkeepers
- 032 Secretaries, receptionists, typists
- 033 OTHER administrative (e.g., record clerks, telephone operators)

### Clergy/Other Religious Workers
- 040 Clergy and other religious workers

### Computer Occupations
*Also consider 173 Operations research analysts, including modeling*
- 051 Computer & information scientists, research
- 052 Computer programmers (business, scientific, process control)
- 053 Computer support specialists
- 054 Computer system analysts
- 055 Database administrators
- 056 Network and computer systems administrators
- 057 Network systems and data communications analysts
- 058 OTHER computer and information science occupations

### Consultants
*Find the category on page 11 or 12 that comes closest to your field of consulting and select the code*

### Counselors
- 070 Counselors (Educational, vocational, mental health and substance abuse)
*Also consider 236 Psychologists, including clinical*

### Engineers/Architects
*Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors*
- 081 Architects
- 082 Aeronautical/aerospace/astronautical engineers
- 083 Agricultural engineers
- 084 Bioengineers or biomedical engineers
- 085 Chemical engineers
- 086 Civil, including architectural/sanitary engineers
- 087 Computer engineers – hardware
- 088 Computer engineers – software
- 089 Electrical and electronics engineers
- 090 Environmental engineers
- 091 Industrial engineers
- 092 Marine engineers and naval architects
- 093 Materials and metallurgical engineers
- 094 Mechanical engineers
- 095 Mining and geological engineers
- 096 Nuclear engineers
- 097 Petroleum engineers
- 098 Sales engineers
- 099 OTHER engineers

### Engineering Technologists/Technicians/Surveyors
- 100 Electrical, electronic, industrial, and mechanical technicians
- 101 Drafting occupations, including computer drafting
- 102 Surveying and mapping technicians
- 103 OTHER engineering technologists and technicians
- 104 Surveyors, cartographers, photogrammetrists

### Farmers/Foresters/Fishermen
- 110 Farmers, foresters and fishermen

### Health Occupations
- 111 Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)
- 112 Registered nurses, pharmacists, dieticians, therapists, physician assistants
- 236 Psychologists, including clinical – Also consider 070 Counselors
- 113 Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)
- 114 OTHER health occupations

### Lawyers/Judges
- 120 Lawyers, judges

### Librarians/Archivists/Curators
- 130 Librarians, archivists, curators

### Managers and Supervisors, First-Line
*Find the category on page 11 or 12 that best describes the occupation of the people you manage and select the code*

### Managers, Top-level Executives/Administrators
- 141 Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)

### Managers, Other
*People who manage other managers*
- 142 Computer and information systems managers
- 143 Engineering managers
- 144 Medical and health services managers
- 145 Natural sciences managers
- 146 Education administrators (e.g., registrar, dean, principal)
- 147 OTHER mid-level managers
### JOB CATEGORY (Continued)

#### Management-Related Occupations
- 151 Accountants, auditors, and other financial specialists
- 152 Personnel, training, and labor relations specialists

Also consider 141 to 147 under Managers, Other.

#### Mathematical Scientists
- 171 Actuaries
- 172 Mathematicians
- 173 Operations research analysts, including modeling

#### Physical Scientists
- 191 Astronomers
- 192 Atmospheric and space scientists
- 193 Chemists, except biochemists
- 194 Geologists, including earth scientists

#### Research Associates/Assistants
- Find the category on page 11 or 12 that comes closest to your research field and select the code

#### Sales/Marketing Occupations
- 200 Insurance, securities, real estate, and business services
- 201 Sales occupations – commodities except retail (e.g., industrial machinery/equipment/supplies, medical and dental equip./supplies)

#### Service Occupations, Except Health
- 221 Food preparation and service (e.g., cooks, waitresses, bartenders)
- 222 Protective services (e.g., fire fighters, police, guards, wardens, park rangers)

#### Social Scientists
- 231 Anthropologists
- 232 Economists
- 233 Historians
- 235 Political scientists

#### Social Workers
- 240 Social workers

#### Teachers—Precollege
- 251 Pre-kindergarten and kindergarten
- 252 Elementary
- 253 Secondary – computer, math, or sciences
- 254 Secondary – social sciences

#### Teachers/Professors—Postsecondary
- 271 Agriculture
- 272 Art, Drama, and Music
- 273 Biological Sciences
- 274 Business, Commerce, and Marketing
- 275 Chemistry
- 276 Computer Science
- 277 Earth, Environmental, and Marine Science
- 278 Economics
- 279 Education
- 280 Engineering
- 281 English
- 282 Foreign Language

#### Teachers—Other
- 300 OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)

#### Writers/Editors/Public Relations Specialists/Artists/Entertainers/Broadcasters
- 010 Writers, editors, public relations specialists, artists, entertainers, broadcasters

#### Other Professions
- 401 Construction and extraction occupations
- 402 Installation, maintenance, and repair occupations

#### OTHER OCCUPATIONS
- 500 OTHER OCCUPATIONS (Not Listed)
# FIELD OF STUDY

If you cannot find the code that best describes your field of study, use the “OTHER” code under the most appropriate broad category. If none of the codes fit your field of study, use Code 995.

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Agricultural Business and Production</td>
<td>601</td>
<td>Agricultural economics – Also consider 655 Business and managerial economics and 923 Economics</td>
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<tr>
<td></td>
<td>602</td>
<td>OTHER agricultural business and production</td>
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<tr>
<td></td>
<td>605</td>
<td>Animal sciences</td>
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<td></td>
<td>606</td>
<td>Food sciences and technology – Also consider 638 Nutritional sciences</td>
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<td>607</td>
<td>Plant sciences – Also consider 633 Botany</td>
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<td>608</td>
<td>OTHER agricultural sciences</td>
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<td>610</td>
<td>Architectural/environmental design – Also consider 723 Architectural engineering</td>
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<td>Biological/Life Sciences</td>
<td>631</td>
<td>Biochemistry and biophysics</td>
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<td>632</td>
<td>Biology, general</td>
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<td></td>
<td>633</td>
<td>Botany – Also consider 607 Plant sciences</td>
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<td>634</td>
<td>Cell and molecular biology</td>
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<td>635</td>
<td>Ecology</td>
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<td>636</td>
<td>Genetics, animal and plant</td>
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<td>637</td>
<td>Microbiological sciences and immunology</td>
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<td>638</td>
<td>Nutritional sciences – Also consider 606 Food sciences and technology</td>
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<td>639</td>
<td>Pharmacology, human and animal – Also consider 788 Pharmacy</td>
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<td>Physiology and pathology, human and animal</td>
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<td>641</td>
<td>Zoology, general</td>
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<td></td>
<td>642</td>
<td>OTHER biological sciences</td>
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<td>Business Management/Administrative Services</td>
<td>651</td>
<td>Accounting</td>
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<td>652</td>
<td>Actuarial science – Also consider 841 Applied mathematics and 843 Operations research</td>
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<td>653</td>
<td>Business administration and management</td>
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<td>Business, general</td>
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<td>655</td>
<td>Business and managerial economics – Also consider 601 Agricultural economics and 923 Economics</td>
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<td>656</td>
<td>Business marketing/marketing management</td>
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<td>Financial management</td>
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<td>Marketing research</td>
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<td>659</td>
<td>OTHER business management/administrative services</td>
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<td>Communication</td>
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<td>Journalism</td>
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<td>Computer and Information Sciences</td>
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<td>Computer and information sciences, general</td>
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<td>672</td>
<td>Computer programming</td>
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<td>673</td>
<td>Computer science – Also consider 727 Computer and systems engineering</td>
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<td>Computer systems analysis</td>
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<td>Data processing</td>
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<td>676</td>
<td>Information services and systems</td>
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<td>677</td>
<td>OTHER computer and information sciences</td>
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<tr>
<td>Conservation and Natural Resources</td>
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<td>Environmental science or studies</td>
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<td>Forestry sciences</td>
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<tr>
<td>Criminal Justice/Protective Services</td>
<td>690</td>
<td>Criminal justice/protective services – Also consider 922 Criminology</td>
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<td>702</td>
<td>Computer teacher education</td>
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<td>703</td>
<td>Counselor education and guidance</td>
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<td></td>
<td>704</td>
<td>Educational psychology</td>
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<td></td>
<td>705</td>
<td>Elementary teacher education</td>
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<td>706</td>
<td>Mathematics teacher education</td>
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<td>707</td>
<td>Physical education and coaching</td>
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<td>708</td>
<td>Pre-school/kindergarten/early childhood teacher education</td>
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<td></td>
<td>709</td>
<td>Science teacher education</td>
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<td>Secondary teacher education</td>
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<td>711</td>
<td>Special education</td>
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<td>712</td>
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<td>713</td>
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<td>Engineering</td>
<td>721</td>
<td>Aerospace, aeronautical, astronautical engineering</td>
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<td>Agricultural engineering</td>
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<td>Architectural engineering</td>
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<td>724</td>
<td>Bioengineering and biomedical engineering</td>
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<td>725</td>
<td>Chemical engineering</td>
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<td>726</td>
<td>Civil engineering</td>
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<td>727</td>
<td>Computer and systems engineering – Also consider 673 Computer science</td>
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<td>728</td>
<td>Electrical, electronics and communications engineering</td>
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<td>729</td>
<td>Engineering sciences, mechanics and physics</td>
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<td>730</td>
<td>Environmental engineering</td>
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<td>Engineering, general</td>
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<td>732</td>
<td>Geophysical and geological engineering</td>
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<td>733</td>
<td>Industrial and manufacturing engineering – Also consider 752 Industrial production technologies</td>
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<td>734</td>
<td>Materials engineering, including ceramics and textiles</td>
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<td>Mechanical engineering</td>
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<td>Metallurgical engineering</td>
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<td>Mining and minerals engineering</td>
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<td>Naval architecture and marine engineering</td>
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<td>739</td>
<td>Nuclear engineering</td>
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<td>Petroleum engineering</td>
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<td>OTHER engineering</td>
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</tbody>
</table>
### FIELD OF STUDY (Continued)

- **Languages, Linguistics, Literature/Letters**
  - 760 English language, literature and letters
  - 771 Linguistics
  - 772 OTHER foreign languages and literature

- **Health and Related Sciences**
  - 781 Audiology and speech pathology
  - 782 Health services administration
  - 783 Health/medical assistants
  - 784 Health/medical technologies
  - 785 Medical preparatory programs (e.g., pre-dentistry, pre-medical, pre-veterinary)
  - 786 Medicine (e.g., dentistry, optometry, osteopathic, podiatry, veterinary)
  - 787 Nursing (4 years or longer program)
  - 788 Pharmacy – Also consider 639 Pharmacology, human and animal
  - 789 Physical therapy and other rehabilitation/therapeutic services
  - 790 Public health (including environmental health and epidemiology)
  - 791 OTHER health/medical sciences

- **Home Economics**
  - 800 Home economics

- **Law/Prelaw/Legal Studies**
  - 810 Law/prelaw/legal studies

- **Liberal Arts/General Studies**
  - 820 Liberal arts/general studies

- **Library Science**
  - 830 Library science

- **Mathematics and Statistics**
  - 841 Applied mathematics – Also consider 843 Operations research and Actuarial science
  - 842 Mathematics, general
  - 843 Operations research – Also consider 841 Applied mathematics and Actuarial science
  - 844 Statistics
  - 845 OTHER mathematics

- **Parks, Recreation, Leisure, and Fitness Studies**
  - 850 Parks, recreation, leisure, and fitness studies

- **Philosophy, Religion, Theology**
  - 861 Philosophy of science
  - 862 OTHER philosophy, religion, theology

- **Physical Sciences**
  - 871 Astronomy and astrophysics
  - 872 Atmospheric sciences and meteorology
  - 873 Biochemistry and biophysics
  - 874 Chemistry, except biochemistry
  - 875 Earth sciences
  - 876 Geological sciences, other
  - 877 Oceanography
  - 878 Physics, except biophysics
  - 879 OTHER physical sciences

- **Psychology**
  - 891 Clinical psychology
  - 892 Counseling psychology
  - 893 Educational psychology
  - 894 General psychology
  - 895 Industrial/Organizational psychology
  - 896 Social psychology
  - 897 OTHER psychology

- **Public Affairs**
  - 901 Public administration
  - 902 Public policy studies
  - 903 OTHER public affairs

- **Social Work**
  - 910 Social work

- **Social Sciences and History**
  - 921 Anthropology and archaeology
  - 922 Criminology – Also consider 690 Criminal Justice/Protective Services
  - 923 Economics – Also consider 601 Agricultural economics and 655 Business and managerial economics
  - 924 Geography
  - 925 History of science
  - 926 History, other
  - 927 International relations
  - 928 Political science and government
  - 929 Sociology
  - 930 OTHER social sciences

- **Visual and Performing Arts**
  - 941 Dramatic arts
  - 942 Fine arts, all fields
  - 943 Music, all fields
  - 944 OTHER visual and performing arts

- **OTHER FIELDS**
  - 995 OTHER FIELDS (Not Listed)
E19. How would you like to complete future rounds of this survey?

*Mark one answer.*

1. A questionnaire sent in the mail
2. A questionnaire that you could fill out on the World Wide Web
3. A telephone interview
4. No preference

Degree information collected in this survey is combined with other sources and sorted to create a series of degree variables.