1999 National Survey of College Graduates

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. Your report to the Census Bureau is confidential by law (Title 13, U.S. Code and the Federal Privacy Act of 1974). All information you provide will be treated as confidential and used only for research or statistical purposes by the survey sponsor (the National Science Foundation), their contractors, and collaborating researchers for the purpose of analyzing data and preparing scientific reports and articles. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you. Actual time to complete the questionnaire may vary depending on your circumstances. On the average, it will take about 20 minutes to complete the questionnaire. If you have any comments on the time required for this survey, please send them to Suzanne H. Plimpton, National Science Foundation, 4201 Wilson Boulevard, Suite 295, Arlington, VA 22230. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.

Conducted by:
U.S. Department of Commerce
BUREAU OF THE CENSUS

for the
National Science Foundation
Arlington, VA
INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. Directions for filling it out are provided with each question. Because not all questions will apply to everyone, you may be asked to skip certain questions.

• In order to get comparable data, we will be asking you to refer to the week of April 15, 1999 (e.g., April 11 – April 17, 1999) when answering most questions.

• Follow all "SKIP" instructions AFTER marking a box. If no "SKIP" instruction is provided, you should continue to the NEXT question.

• Either a pen or pencil may be used.

• When answering questions that require marking a box, please use an "X".

• If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out.

Thanks again for your help, we really appreciate it.
**PART A – Employment Status During the Reference Week of April 11 – 17, 1999**

**A1.** Were you working for pay (or profit) during the week of April 15, 1999? This includes being self-employed or temporarily absent from a job (e.g., illness, vacation or parental leave), even if unpaid.  

STUDENTS: Do NOT count financial aid awards with no work requirement  

1 □ Yes \(\rightarrow\) **SKIP to A7**  
2 □ No  

**A2.** (IF NO) Did you look for work during the four weeks preceding April 15, 1999 (that is, anytime between March 19 and April 15, 1999)?  

1 □ Yes  
2 □ No  

**A3.** What were your reasons for not working during the week of April 15?  

*Mark (X) all that apply*  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Year Retired</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Retired</td>
<td>19</td>
</tr>
<tr>
<td>2</td>
<td>On layoff from a job</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Student</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Family responsibilities</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Chronic illness or permanent disability</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Suitable job not available</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Did not need or want to work</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Other – Specify</td>
<td></td>
</tr>
</tbody>
</table>

**A4.** Prior to the week of April 15, 1999, when did you last work for pay (or profit)?  

*Mark (X) this box if never worked for pay (or profit) and **SKIP to Part D**, page 6*  

<table>
<thead>
<tr>
<th>Month</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19</td>
</tr>
</tbody>
</table>

**A5.** What kind of work were you doing on this last job – that is, what was your occupation?  
*Please be as specific as possible, including any area of specialization.*  

**EXAMPLE:** High school teacher – Math  

**A6.** Using the JOB CODES LIST (pages 10–11), choose the code that BEST describes the work you were doing on this last job.  

<table>
<thead>
<tr>
<th>CODE</th>
<th>Skip to A36, page 5</th>
</tr>
</thead>
</table>

**NOTE** – Job codes range from 010 to 500  

**A7.** (IF WORKED DURING WEEK OF APRIL 15TH)  

Counting all jobs held during the week of April 15, 1999, did you USUALLY work . . .  

1 □ A total of 35 or more hours per week \(\rightarrow\) **SKIP to A10, page 2**  
2 □ Fewer than 35 hours per week  

**A8.** (IF FEWER THAN 35 HOURS) During the week of April 15, did you want to work a full-time work week of 35 or more hours?  

1 □ Yes  
2 □ No  

**A9.** What were your reasons for working a part-time work week (i.e., less than 35 hours) during the week of April 15?  

*Mark (X) all that apply*  

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Year Retired</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Retired or semi-retired</td>
<td>19</td>
</tr>
<tr>
<td>2</td>
<td>Student</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Family responsibilities</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Chronic illness or permanent disability</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Suitable full-time work week job not available</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Did not need or want to work full-time</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Other – Specify</td>
<td></td>
</tr>
</tbody>
</table>

**SKIP to A11, page 2**
A10. (IF 35 OR MORE HOURS) Although you were working during the week of April 15, had you previously RETIRED from any position?
Examples of retirement include mandatory retirement, early retirement, or voluntary retirement

- Yes
- No

A11. Who was your principal employer during the week of April 15, 1999?

IF MORE THAN ONE JOB: Record employer for whom you worked the most hours that week

IF EMPLOYER HAD MORE THAN ONE LOCATION: Record location where you usually worked

Employer Name

City/Town

State/Foreign Country

ZIP Code

A12. Thinking about your employer’s main business (i.e., what your employer makes or does), under which of these categories does your employer’s main business BEST fit?

IF PRINCIPAL EMPLOYER HAS MORE THAN ONE TYPE OF BUSINESS: Please answer for the type of business primarily performed at the location where you work

Mark (X) ONLY One

1. Agriculture, forestry, or fishing
2. Biotechnology
3. Construction or mining
4. Education
5. Finance, insurance or real estate services
6. Health services
7. Information technology or computer services
8. Other services (e.g., social, legal, business)
9. Manufacturing
10. Public administration/government
11. Research – Specify
12. Transportation services, utilities or communications
13. Wholesale or retail trade
14. Other

A13. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.

Mark (X) ONLY One

- Under 10 employees
- 10–24 employees
- 25–99 employees
- 100–499 employees
- 500–999 employees
- 1,000–4,999 employees
- 5,000+ employees

A14. Did your principal employer come into being as a new business within the past 5 years?

- Yes
- No

A15. Was your principal employer during the week of April 15 . . .

IF EMPLOYER WAS A SCHOOL: Mark (X) the type of organizational charter (e.g., mark "state government" for state schools; most private schools are "private not-for-profit")

Mark (X) ONLY One

1. A PRIVATE FOR-PROFIT company, business or individual, working for wages, salary or commissions
2. A PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
3. SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm
4. SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm
5. Local GOVERNMENT (e.g., city, county)
6. State GOVERNMENT
7. U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
8. U.S. GOVERNMENT (e.g., civilian employee)
9. Other – Specify
A16. Was your principal employer an educational institution?

1. Yes
2. No → **SKIP to A18**

A17. **(IF EDUCATIONAL INSTITUTION)** Was this educational institution a . . .

Mark (X) ONLY One

1. Preschool, elementary, or middle school or system
2. Secondary school or system
3. Two-year college, community college, technical institute
4. Four-year college or university, other than a medical school
5. Medical school (including university-affiliated hospital or medical center)
6. University-affiliated research institute
7. Something else – Specify

A18. What kind of work were you doing on your principal job held during the week of April 15, 1999 — that is, what was your occupation? Please be as specific as possible, including any area of specialization.

EXAMPLE: High school teacher – Math

A19. Using the JOB CODES LIST (pages 10–11), choose the code that BEST describes the work you were doing on your principal job during the week of April 15.

CODE      NOTE – Job codes range from 010 to 500

A20. Did your duties on this job require the technical expertise of a bachelor’s degree or higher in . . .

Mark (X) Yes or No for each

1. Engineering, computer science, math, or the natural sciences
2. The social sciences
3. Some other field (e.g., health or business) – Specify

A21. During what month and year did you start this job, (that is, your principal job held during the week of April 15, 1999)?

Month Year

A22. Thinking about the relationship between your work and your education, to what extent was your work on your principal job held during the week of April 15 related to your HIGHEST degree field? Was it . . .

Mark (X) ONLY One

1. Closely related
2. Somewhat related
3. Not related

**SKIP to A25, page 4**

A23. **(IF NOT RELATED)** Did these factors influence your decision to work in an area OUTSIDE OF YOUR HIGHEST DEGREE FIELD?

Mark (X) Yes or No for each

1. Pay, promotion opportunities
2. Working conditions (e.g., hours, equipment, working environment)
3. Job location
4. Change in career or professional interests
5. Family-related reasons (e.g., children, spouse’s job moved)
6. Job in highest degree field not available
7. Other reason – Specify

A24. Which TWO factors in A23 represent your MOST important reasons for working in an area outside of your HIGHEST degree field? Enter number of appropriate reason from A23 above.

1. MOST important reason
2. SECOND MOST important reason (Enter “0” if no second most)
A25. The next question is about your work activities on your principal job. Which of the following work activities occupied 10 percent or more of your time during a TYPICAL work week on this job?

Mark (X) Yes or No for each

YES  NO

1. Accounting, finance, contracts
   -  
2. Applied research – study directed toward gaining scientific knowledge to meet a recognized need
   -  
3. Basic research – study directed toward gaining scientific knowledge primarily for its own sake
   -  
4. Computer applications, programming, systems development
   -  
5. Development – using knowledge gained from research for the production of materials, devices
   -  
6. Design of equipment, processes, structures, models
   -  
7. Employee relations – including recruiting, personnel development, training
   -  
8. Managing and supervising
   -  
9. Production, operations, maintenance (e.g., truck driving, machine tooling, auto/machine repairing)
   -  
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
    -  

A26. On which TWO activities in A25 did you work the MOST hours during a typical week on this job? Enter number of appropriate activity from A25 above.

1. Activity MOST hours

2. Activity SECOND MOST hours
   (Enter "0" if no second most)

A27. Did you supervise the work of others as part of your principal job held during the week of April 15?

Mark "YES": If you assigned duties to workers AND recommended or initiated personnel actions such as hiring, firing or promoting

TEACHERS: Do NOT count students

1. Yes
2. No  SKIP to A29

A28. (IF YES) How many people did you typically . . .

IF NONE: Enter "0"

1. Supervise DIRECTLY? 

2. Supervise through subordinate supervisors?

A29. Before deductions, what was your basic ANNUAL salary on this job as of the week of April 15, 1999? (Do NOT include bonuses, overtime, or additional compensation for summertime teaching or research)

IF NOT SALARIED: Please estimate your earned income, excluding business expenses

$ .00

BASIC ANNUAL SALARY/EARNED INCOME

A30. During a typical week on this job, how many hours did you usually work?

NUMBER OF HOURS PER WEEK

A31. Including paid vacation and paid sick leave, upon how many weeks per year was your salary based?

NUMBER OF WEEKS PER YEAR
A32. During the week of April 15, 1999, were you working for pay (or profit) at a second job (or business), including part-time, evening, or weekend work?

1. Yes
2. No ➔ SKIP to A36

A33. (IF YES) What kind of work were you doing at your second job during the week of April 15 – that is, what was your occupation? Please be as specific as possible, including any area of specialization.

IF MORE THAN TWO JOBS THAT WEEK: Answer for the job where you worked the second most hours

A34. Using the JOB CODES LIST (pages 10-11), choose the code that BEST describes the work you were doing on your second job during the week of April 15.

CODE [ ] [ ] [ ]

NOTE – Job codes range from 010 to 500

A35. To what extent was your work on this second job related to your HIGHEST degree field? Was it...

Mark (X) ONLY One

1. Closely related
2. Somewhat related
3. Not related

A36. Thinking back to 1998 and counting all jobs held then, what was your TOTAL EARNED income for 1998, BEFORE deductions? Include all wages, salaries, bonuses, overtime, commissions, consulting fees, net income from businesses, summertime teaching or research, postdoctoral appointment, or other work associated with scholarships

$ .00

TOTAL 1998 EARNED INCOME

0. ➔ Mark (X) this box if you had no earned income in 1998

PART B – Past Employment

The next few questions will help us better understand employment changes over time.

B1. Were you working for pay (or profit) during BOTH of these time periods — the week of April 15, 1997 AND the week of April 15, 1999?

IF YOU WERE A STUDENT: Do NOT count financial aid awards with no work requirement

1. Yes
2. No ➔ SKIP to C1, page 6

B2. (IF YES) During these two time periods — the week of April 15, 1997, and the week of April 15, 1999 — were you working for...

Mark (X) ONLY One

1. Same employer AND same job ➔ SKIP to C1, page 6
2. Same employer BUT different job
3. Different employer BUT same job
4. Different employer AND different job

B3. (IF DIFFERENT) Why did you change your employer or your job?

Mark (X) Yes or No for each

YES NO

1. Pay, promotion opportunities ...
2. Working conditions (e.g., hours, equipment, working environment) ...
3. Job location ...
4. Change in career or professional interests ...
5. Family-related reasons (e.g., children, spouse’s job moved) ...
6. School-related reasons (e.g., returned to school, completed a degree) ...
7. Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) ...
8. Retired ...
9. Other – Specify 

Mark (X) this box if you had no earned income in 1998

FORM NSCG-1 (3-5-99)
PART C – Other Work and Career Related Experience

C1. During the past year, did you attend any professional society or association meetings or professional conferences? Include regional, national, or international meetings

☐ Yes ☐ No

C2. To how many national or international professional societies or associations do you currently belong?
Number _______ OR 0 ☐ NONE

C3. During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-related training activities? Do NOT include college courses – these will be discussed in PART D
Do NOT include professional meetings unless you attended a special training session conducted at the meeting/conference

☐ Yes ☐ No → SKIP to D1

C4. (IF YES) During the past year, in which of the following areas did you attend work-related workshops, seminars, or other work-related training activities?
Mark (X) Yes or No for each

1. Management or supervisor training  ☐ YES ☐ NO
2. Training in your occupational field  ☐ YES ☐ NO
3. General professional training (e.g., public speaking, business writing)  ☐ YES ☐ NO
4. Other work-related training – Specify  ☐ YES ☐ NO

PART D – Background Information

D1. Between April 1997 and April 1999, did you take any college or university courses or enroll in a college or university for other reasons, such as completing a Master’s or PhD?

☐ Yes ☐ No → SKIP to D11, page 8

D2. (IF YES) In which college or university department were you primarily taking classes or doing research, etc. (e.g., English, chemistry)?

DEPARTMENT

C5. For which of the following reasons did you attend training activities during the past year?

Mark (X) Yes or No for each

1. To facilitate a change in your occupational field  ☐ YES ☐ NO
2. To gain FURTHER skills or knowledge in your occupational field  ☐ YES ☐ NO
3. For licensure/certification  ☐ YES ☐ NO
4. To increase opportunities for promotion/advancement/higher salary  ☐ YES ☐ NO
5. To learn skills or knowledge needed for a recently acquired position  ☐ YES ☐ NO
6. Required or expected by employer  ☐ YES ☐ NO
7. Other – Specify  ☐ YES ☐ NO

C6. What was your most important reason for attending training activities? Enter number of appropriate reason from C5 above.

MOST IMPORTANT REASON FROM C5

FORM NSCG-1 (3-5-99)
D3. During that time, toward what degree or certificate, if any, were you (or are you) working?

0 □ ← Mark (X) this box if no specific degree or certificate and SKIP to D7

IF MORE THAN ONE APPLIES: Mark the highest level

Mark (X) ONLY One

1 □ Bachelor’s degree
2 □ Post baccalaureate certificate
3 □ Master’s degree (including MBA)
4 □ Post master’s certificate
5 □ Doctorate (e.g., Ph.D., D.S.C., D.Sc., Ed.D.)
6 □ Other professional degree (e.g., JD, LLB, ThD, MD, DDS) – Specify ☐
7 □ Other – Specify ☐

D4. Between April 1997 and April 1999, did you complete a degree or certificate?

1 □ Yes
2 □ No → SKIP to D7

D4a. (IF YES) What degree or certificate did you receive? Enter number of appropriate TYPE OF DEGREE/CERTIFICATE received from D3 above.

TYPE OF DEGREE/CERTIFICATE FROM D3 ☐

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

If you completed more than one: Enter the date for the highest degree or certificate awarded

Month ☐ Year ☐ 19 ☐

D6. From which academic institution did you receive this degree or certificate?

School Name ☐

City/Town ☐

State/Foreign Country ☐

D7. What was your primary field of study during that time?

PRIMARY FIELD OF STUDY

D8. Using the EDUCATION CODES (pages 12 – 13), choose the code that BEST describes the field of study for this degree or certificate.

CODE ☐ ☐ ☐

NOTE – Education codes range from 601 to 995

D9. For which of the following reasons were you taking classes or enrolled between April 1997 and April 1999?

Mark (X) Yes or No for each

YES ☐ NO ☐

1. To gain further education before beginning a career ☐
2. To prepare for graduate school ☐
3. To change your academic or occupational field ☐
4. To gain FURTHER skills or knowledge in your academic or occupational field ☐
5. For licensure/certification ☐
6. To increase opportunities for promotion, advancement, or higher salary ☐
7. Required or expected by employer ☐
8. For leisure/personal interest ☐
9. Other – Specify ☐

FORM NSCG-1 (3-5-99)
D10. Were ANY of your school-related costs for taking college or university courses during this time paid for by an employer?

1. Yes
2. No

D11. As of the week of April 15, 1999 were you...

Mark (X) ONLY One

- Married
- Widowed
- Separated
- Divorced
- Never Married

SKIP to D14

D12. (IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-time or part-time job?

1. Yes, full-time
2. Yes, part-time
3. No → SKIP to D14

D13. (IF YES) Did your spouse’s duties on this job require the technical expertise of a bachelor's degree or higher in...

Mark (X) Yes or No for each

1. Engineering, computer science, math or the natural sciences
2. The social sciences
3. Some other field (e.g., health or business) – Specify

SKIP to D19

D14. During the week of April 15, 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 → GO to D15
2. No → SKIP to D16

D15. (IF YES) How many of these children living with you as part of your family were...

IF NO CHILDREN IN A CATEGORY: Enter “0”

Number of Children

1. Under age 2
2. Aged 2 – 5
3. Aged 6 – 11
4. Aged 12 – 17
5. Aged 18 or older

D16. During the week of April 15, 1999, were you living in the United States or one of its territories, or were you living in another country?

1. United States or one of its territories
2. Another country

D17. As of the week of April 15, 1999, were you a...

Mark (X) ONLY One

U.S. Citizen

1. Native born
2. Naturalized

Non-U.S. Citizen

3. With a Permanent U.S. Resident Visa
4. With a Temporary U.S. Resident Visa
5. Living outside the United States

D18. (IF NON-U.S. CITIZEN) Of which country are you a citizen?

COUNTRY

D19. What is your birthdate?

Month Day Year

19
The next question is designed to help us better understand the career paths of individuals with different physical abilities.

**D20.** What is the **USUAL** degree of difficulty you have with . . .

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

**D21.** [ ] Mark (X) this box if you answered “None” TO ALL ACTIVITIES in D20 and **SKIP** to D23

**D22.** What is the earliest age at which you **FIRST** began experiencing ANY difficulties in ANY of these areas?

<table>
<thead>
<tr>
<th>Age</th>
<th>OR</th>
<th>SINCE BIRTH</th>
</tr>
</thead>
</table>

**D23.** In case we need to clarify some of the information you have provided, please list a phone number (and an e-mail address if applicable) where you can be reached.

<table>
<thead>
<tr>
<th>Area Code</th>
<th>Number</th>
<th>Area Code</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAYTIME</strong></td>
<td></td>
<td><strong>EVENING</strong></td>
<td></td>
</tr>
</tbody>
</table>

**E-MAIL ADDRESS**

**D24.** Since we are interested in how education and employment change over time, we may be recontacting you in 2001. To help us contact you, please provide the name, address, and telephone number of 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 trouble contacting you in 2001.

<table>
<thead>
<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number and Street</td>
<td></td>
<td>Number and Street</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>City/Town</strong></td>
<td><strong>State</strong></td>
<td><strong>ZIP Code</strong></td>
<td><strong>City/Town</strong></td>
<td><strong>State</strong></td>
<td><strong>ZIP Code</strong></td>
</tr>
<tr>
<td><strong>Country (If outside U.S.)</strong></td>
<td></td>
<td><strong>Country (If outside U.S.)</strong></td>
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</tr>
<tr>
<td><strong>Area Code</strong></td>
<td><strong>Number</strong></td>
<td><strong>Area Code</strong></td>
<td><strong>Number</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This list is ordered alphabetically. The titles in bold type are broad job categories. To make sure you have found the BEST code, please review ALL broad categories before making your choice. If you cannot find the code that BEST describes your job, use the "OTHER" code under the most appropriate broad category in bold print. If none of the codes fit your job, use code 500.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>Artists, Broadcasters, Editors, Entertainers, Public Relations Specialists, Writers</td>
</tr>
<tr>
<td></td>
<td><strong>Biological/Life Scientists</strong></td>
</tr>
<tr>
<td>021</td>
<td>Agricultural and food scientists</td>
</tr>
<tr>
<td>022</td>
<td>Biochemists and biophysicists</td>
</tr>
<tr>
<td>023</td>
<td>Biological scientists (e.g., botanists, ecologists, zoologists)</td>
</tr>
<tr>
<td>024</td>
<td>Forestry and conservation scientists</td>
</tr>
<tr>
<td>025</td>
<td>Medical scientists (excluding practitioners)</td>
</tr>
<tr>
<td>026</td>
<td>Technologists and technicians in the biological/life sciences</td>
</tr>
<tr>
<td>027</td>
<td>OTHER biological/life scientists</td>
</tr>
<tr>
<td></td>
<td><strong>Clerical/Administrative Support</strong></td>
</tr>
<tr>
<td>031</td>
<td>Accounting clerks, bookkeepers</td>
</tr>
<tr>
<td>032</td>
<td>Secretaries, receptionists, typists</td>
</tr>
<tr>
<td>033</td>
<td>OTHER administrative (e.g., record clerks, telephone operators)</td>
</tr>
<tr>
<td>040</td>
<td><strong>Clergy and Other Religious Workers</strong></td>
</tr>
<tr>
<td>051</td>
<td>Computer programmers (business, scientific, process control)</td>
</tr>
<tr>
<td>052</td>
<td>Computer system analysts</td>
</tr>
<tr>
<td>053</td>
<td>Computer scientists, except system analysts</td>
</tr>
<tr>
<td>054</td>
<td>Information systems scientists or analysts</td>
</tr>
<tr>
<td>055</td>
<td>OTHER computer, information science occupations</td>
</tr>
<tr>
<td></td>
<td><strong>Consultants</strong> (Select the code that comes closest to your usual area of consulting)</td>
</tr>
<tr>
<td>070</td>
<td>Counselors, Educational and Vocational (Also see 236)</td>
</tr>
<tr>
<td>081</td>
<td>Architects</td>
</tr>
<tr>
<td></td>
<td><strong>Engineers, Architects, Surveyors</strong></td>
</tr>
<tr>
<td>082</td>
<td>Aeronautical, aerospace, astronautal engineer</td>
</tr>
<tr>
<td>083</td>
<td>Agricultural engineer</td>
</tr>
<tr>
<td>084</td>
<td>Bioengineering and biomedical engineer</td>
</tr>
<tr>
<td>085</td>
<td>Chemical engineer</td>
</tr>
<tr>
<td>086</td>
<td>Civil, including architectural and sanitary engineer</td>
</tr>
<tr>
<td></td>
<td><strong>Engineers (Continued)</strong></td>
</tr>
<tr>
<td></td>
<td>087 Computer engineer – hardware</td>
</tr>
<tr>
<td></td>
<td>088 Computer engineer – software</td>
</tr>
<tr>
<td></td>
<td>089 Electrical, electronic engineer</td>
</tr>
<tr>
<td></td>
<td>090 Environmental engineer</td>
</tr>
<tr>
<td></td>
<td>091 Industrial engineer</td>
</tr>
<tr>
<td></td>
<td>092 Marine engineer or naval architect engineer</td>
</tr>
<tr>
<td></td>
<td>093 Materials or metallurgical engineer</td>
</tr>
<tr>
<td></td>
<td>094 Mechanical engineer</td>
</tr>
<tr>
<td></td>
<td>095 Mining or geological engineer</td>
</tr>
<tr>
<td></td>
<td>096 Nuclear engineer</td>
</tr>
<tr>
<td></td>
<td>097 Petroleum engineer</td>
</tr>
<tr>
<td></td>
<td>098 Sales engineer</td>
</tr>
<tr>
<td></td>
<td>099 Other engineer</td>
</tr>
<tr>
<td></td>
<td><strong>Engineers (Continued)</strong></td>
</tr>
<tr>
<td></td>
<td>100 Electrical, electronic, industrial, mechanical</td>
</tr>
<tr>
<td></td>
<td>101 Drafting occupations, including computer drafting</td>
</tr>
<tr>
<td></td>
<td>102 Surveying and mapping</td>
</tr>
<tr>
<td></td>
<td>103 OTHER engineering technologists and technicians</td>
</tr>
<tr>
<td></td>
<td>104 Surveyors</td>
</tr>
<tr>
<td>110</td>
<td>Farmers, Foresters and Fishermen</td>
</tr>
<tr>
<td>111</td>
<td>Diagnosing/Treating Practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)</td>
</tr>
<tr>
<td>112</td>
<td>Registered nurses, pharmacists, dieticians, therapists, physician assistants</td>
</tr>
<tr>
<td>236</td>
<td>Psychologists, including clinical</td>
</tr>
<tr>
<td>113</td>
<td>Health Technologists and Technicians (e.g., dental hygienists, health record technologist/technicians, licensed practical nurses, medical or laboratory technicians, radiologic technologists/technicians)</td>
</tr>
<tr>
<td>114</td>
<td>OTHER health occupations</td>
</tr>
<tr>
<td>120</td>
<td>Lawyers, Judges</td>
</tr>
<tr>
<td>130</td>
<td>Librarians, Archivists, Curators</td>
</tr>
<tr>
<td>141</td>
<td>Top and mid-level managers, executives, administrators (people who manage other managers)</td>
</tr>
<tr>
<td></td>
<td><strong>Managers, Executives, Administrators</strong></td>
</tr>
<tr>
<td></td>
<td>(Also see 151–153)</td>
</tr>
<tr>
<td></td>
<td><strong>Managers, Executives, Administrators</strong> (Select the code that comes closest to the field you manage)</td>
</tr>
</tbody>
</table>

FORM NSCG-1 (3-5-99)
### Management-Related Occupations (Also see 141)

- 151 Accountants, auditors, and other financial specialists
- 152 Personnel, training, and labor relations specialists
- 153 OTHER management related occupations

### Mathematical Scientists

- 171 Actuaries
- 172 Mathematicians
- 173 Operations research analysts, modeling
- 174 Statisticians
- 175 Technologists and technicians in the mathematical sciences
- 176 OTHER mathematical scientists

### Physical Scientists

- 191 Astronomers
- 192 Atmospheric and space scientists
- 193 Chemists, except biochemists
- 194 Geologists, including earth scientists
- 195 Oceanographers
- 196 Physicists
- 197 Technologists and technicians in the physical sciences
- 198 OTHER physical scientists

### Research Associates/Assistants (Select the code that comes closest to your field)

### Sales and Marketing

- 200 Insurance, securities, real estate, and business services
- 201 Sales Occupations – Commodities Except Retail (e.g., industrial machinery/equipment/supplies, medical and dental equipment/supplies)
- 202 Sales Occupations – Retail (e.g., furnishings, clothing, motor vehicles, cosmetics)
- 203 OTHER marketing and sales occupations

### Service Occupations, Except Health (Also see 111–114)

- 221 Food Preparation and Service (e.g., cooks, waitresses, bartenders)
- 222 Protective services (e.g., fire fighters, police, guards)
- 223 OTHER service occupations, except health

### Social Scientists

- 231 Anthropologists
- 232 Economists
- 233 Historians, science and technology
- 234 Historians, except science and technology
- 235 Political scientists
- 236 Psychologists, including clinical (Also see 070)
- 237 Sociologists
- 238 OTHER social scientist

### Teachers/Professors

- 251 Pre-Kindergarten and kindergarten
- 252 Elementary
- 253 Secondary – computer, math or sciences
- 254 Secondary – social sciences
- 255 Secondary – other subjects
- 256 Special education – primary and secondary
- 257 OTHER precollegiate area

### 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
- 283 History
- 284 Home Economics
- 285 Law
- 286 Mathematical Sciences
- 287 Medical Science
- 288 Physical Education
- 289 Physics
- 290 Political Science
- 291 Psychology
- 292 Social Work
- 293 Sociology
- 294 Theology
- 295 Trade and Industrial
- 296 OTHER health specialties
- 297 OTHER natural sciences
- 298 OTHER social sciences
- 299 OTHER postsecondary

### Other Professions

- 401 Construction trades, miners and well drillers
- 402 Mechanics and repairers
- 403 Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, printing occupations, tailors, shoemakers, photographic process)
- 404 Operators and related occupations (e.g., machine set-up, machine operators and tenders, fabricators, assemblers)
- 405 Transportation/material moving occupations

### 500 OTHER OCCUPATIONS (Not Listed)
## EDUCATION CODES LIST

This list is ordered alphabetically. The titles in bold type are broad fields of study. To make sure you have found the BEST code, please review ALL broad categories before making your choice. If you cannot find the code that BEST describes your field of study, use the "OTHER" code under the most appropriate broad field in bold print. If none of the codes fit your field of study, use Code 995.

### Agriculture Business and Production
- Agriculture, economics *(Also see 655 and 923)*
- OTHER agricultural business and production

### Agricultural Sciences
- Animal sciences
- Food sciences and technology *(Also see 638)*
- Plant sciences *(Also see 633)*
- OTHER agricultural sciences

### Architecture/Environmental Design *(For architectural engineering, see 723)*

### Area/Ethnic Studies

### Biological/Life Sciences
- Biochemistry and biophysics
- Botany *(Also see 607)*
- Cell and molecular biology
- Ecology
- Genetics, animal and plant
- Microbiology
- Nutritional sciences *(Also see 606)*
- Pharmacology, human and animal *(Also see 788)*
- Physiology, human and animal
- Zoology, general
- OTHER biological sciences

### Business Management/Administrative Services
- Accounting
- Actuarial science
- Business administration and management
- Business, general
- Business/managerial economics *(Also see 601 and 923)*
- Business marketing/marketing management
- Financial management
- Marketing research
- Operations research
- OTHER business management/administrative services

### Communications
- Communications, general
- Journalism
- OTHER communications

### Computer and Information Sciences
- Computer/information sciences, general
- Computer programming
- Computer science *(Also see 727)*
- Computer systems analysis
- Data processing technology
- Information services and systems
- OTHER computer and information sciences

### Conservation/Renewable Natural Resources
- Environmental science studies
- Forestry sciences
- OTHER conservation/renewable natural resources

### Criminal Justice/Protective Services *(Also see 922)*

### Education
- Administration
- Computer teacher education
- Counselor education/guidance services
- Educational psychology
- Elementary teacher education
- Mathematics teacher education
- Physical education/coaching
- Pre-elementary teacher education
- Science teacher education
- Secondary teacher education
- Social science teacher education
- OTHER education

### Engineering
- Aerospace, aeronautical, astronautical engineering
- Agricultural engineering
- Architectural engineering
- Bioengineering and biomedical engineering
- Chemical engineering
- Civil engineering
- Computer/systems engineering *(Also see 673)*
- Electrical, electronics, communications engineering *(Also see 751)*
- Engineering sciences, mechanics, physics
- Environmental engineering
- General engineering
- Geophysical engineering
- Industrial engineering *(Also see 752)*
- Materials engineering, including ceramics and textiles
- Mechanical engineering *(Also see 753)*
- Metallurgical engineering
- Mining and minerals engineering
- Naval architecture and marine engineering
- Nuclear engineering
- Petroleum engineering
- OTHER engineering
### Engineering-Related Technologies
- 751 Electrical and electronic technologies
- 752 Industrial production technologies
- 753 Mechanical engineering-related technologies
- 754 OTHER engineering-related technologies

### Languages, Linguistics, Literature/Letters
- 760 English Language and Literature/Letters
- 771 Linguistics
- 772 OTHER foreign languages and literature

### Health Professions 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 see 639)
- 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
- 841 Applied (Also see 843, 652)
- 842 Mathematics, general
- 843 Operations research
- 844 Statistics
- 845 OTHER mathematics

### Parks, Recreation, Leisure, and Fitness Studies
- 850 Parks, Recreation, Leisure, and Fitness Studies

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

### Physical Sciences
- 871 Astronomy and astrophysics
- 872 Atmospheric sciences and meteorology
- 631 Biochemistry
- 873 Chemistry
- 874 Earth sciences
- 680 Environmental science studies
- 875 Geology
- 876 Geological sciences, other
- 877 Oceanography
- 878 Physics
- 879 OTHER physical sciences

### Psychology
- 891 Clinical
- 892 Counseling
- 704 Educational
- 893 Experimental
- 894 General
- 895 Industrial/Organizational
- 896 Social
- 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 archeology
- 922 Criminology (Also see 690)
- 923 Economics (Also see 601 and 655)
- 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 (Not Listed)
- 995 OTHER FIELDS (Not Listed)
THANK YOU FOR COMPLETING THE QUESTIONNAIRE

Please complete the form and return it in the envelope provided. If you lose the envelope and want another, call 1-800-523-3205. Our address is:

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