1995 National Survey of College Graduates

We solicit this information under the authority of the National Science Foundation Act of 1950, as amended. Your response is entirely 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 25 minutes to complete the questionnaire. If you have any comments on the time required for this survey, please send them to Herman Fleming, Division of Contracts, Policy and Oversight, National Science Foundation, 1201 Wilson Boulevard, Arlington, VA 22230; or to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project 3145-0141, Washington, DC 20503.

Conducted by:

U.S. Department of Commerce
BUREAU OF THE CENSUS

for the
National Science Foundation
Arlington, VA

Note: The format of this survey instrument has been altered slightly to reduce download time.
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, 1995 (e.g., April 9-15, 1995) 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 9-15, 1995

A1. Were you working for pay (or profit) during the week of April 15, 1995? 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 → SKIP to A7, page 2

2 □ No

A2. (IF NO) Did you look for work during the four weeks preceding April 15, 1995 (that is, anytime between March 19 and April 15, 1995)?

1 □ Yes

2 □ No

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

Mark (X) all that apply

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:

______________________________

A4. Prior to the week of April 15, 1995, when did you last work for pay (or profit)?

IF NEVER WORKED FOR PAY (OR PROFIT), MARK (X) THIS BOX → 6 □ AND SKIP TO PART D, PAGE 11

LAST WORKED _____ 19 _____
Month Year

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 CATEGORIES LIST (pages 14-15), choose the code that BEST describes the work you were doing on this last job.

CODE _____ _____ → SKIP to A47, page 8

NOTE - Job codes go from 010 to 500
A7. (IF WORKED DURING WEEK OF APRIL 15TH) Counting all jobs held during the week of April 15, 1995, did you USUALLY work . . .

1 ☐ A total of 35 or more hours per week → SKIP to A10

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

1 ☐ Retired or semi-retired

   Year

   19 [___] [___]

2 ☐ Student

3 ☐ Family responsibilities

4 ☐ Chronic illness or permanent disability

5 ☐ Suitable full-time work week job not available

6 ☐ Did not need or want to work full-time

7 ☐ Other - Specify:

   ____________________________________________
   ____________________________________________
   ____________________________________________

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 includes mandatory retirement, early retirement, or voluntary retirement

1 ☐ Yes → 19 [___] [___] YEAR RETIRED

2 ☐ No

Please answer the next series of questions for your PRINCIPAL job held during the week of April 15, 1995. A second job, if held, will be covered later.

A11. Who was your principal employer during the week of April 15, 1995?

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

Mark (X) one

1 □ Under 10 employees
2 □ 10 - 24 employees
3 □ 25 - 99 employees
4 □ 100 - 499 employees
5 □ 500 - 999 employees
6 □ 1,000 - 4,999 employees
7 □ 5,000 + employees

A13. 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) 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 (city, county, etc.)
6 □ State GOVERNMENT
7 □ U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
8 □ U.S. GOVERNMENT (civilian employee)
9 □ Other - Specify:

A14. Was your principal employer an educational institution?

1 □ Yes
2 □ No → SKIP to A16

A15. (IF EDUCATIONAL INSTITUTION) Was this educational institution a . . .

Mark (X) one

1 □ Preschool, elementary, or middle school or system
2 □ A secondary school or system
3 □ A 2-year college, junior college, technical institute
4 □ A 4-year college or university, other than a medical school
5 □ A medical school (including university-affiliated hospital or medical center)
6 □ A university-affiliated research institute
7 □ Other - Specify:

A16. What kind of work were you doing on your principal job held during the week of April 15, 1995--that is, what was your occupation? Please be as specific as possible, including any area of specialization.

Example: High school teacher - Math

A17. Using the JOB CATEGORIES LIST (pages 14-15), 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 go from 010 to 500
A18. Did you record job code "141" (manager, executive, or administrator) in A17?

1 □ Yes
2 □ No → SKIP to A20

A19. (IF YES) 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, ........... 1 □ 2 □
2. The social sciences ................. 1 □ 2 □
3. Some other field (for example, health or business) - Specify: ............... 1 □ 2 □

A20. During what month and year did you start this job, (that is, your principal job held during the week of April 15, 1995)?

JOB STARTED: [___] [___] 19 [___] [___]
Month Year

A21. As of the week of April 15, were you licensed or certified in your occupation?

Do NOT include academic degrees (e.g., BA, MA, PhD)

1 □ Yes
2 □ No

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) one

1 □ Closely related → SKIP to A25, page 5
2 □ Somewhat related
3 □ Not related

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

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 ........ 1 □ 2 □
2. Applied research - study directed toward gaining scientific knowledge to meet a recognized need ........ 1 □ 2 □
3. Basic research - study directed toward gaining scientific knowledge primarily for its own sake ........ 1 □ 2 □
4. Computer applications, programming, systems development ............. 1 □ 2 □
5. Development - using knowledge gained from research for the production of materials, devices ......... 1 □ 2 □
6. Design of equipment, processes, structures, models .................. 1 □ 2 □
7. Employee relations - including recruiting, personnel development, training ...................... 1 □ 2 □
8. Managing and supervising .................. 1 □ 2 □
9. Production, operations, maintenance (e.g., truck driving, machine tooling, auto/machine repairing) ............ 1 □ 2 □
10. Professional services (health care, counseling, financial services, legal services, etc.) .............. 1 □ 2 □
11. Sales, purchasing, marketing, customer service, public relations ........... 1 □ 2 □
12. Quality or productivity management ........ 1 □ 2 □
13. Teaching ................................ 1 □ 2 □
14. Other - Specify: ........................ 1 □ 2 □

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. In A26, did you record "2" or "3" or "5" or "6" (applied/basic research or development/design)?

1 □ Yes
2 □ No → SKIP to A33, page 6

A28. (IF YES) In what field was your research-related work being conducted?

Field: ________________________________

A29. During a typical week on this job, in which, if any, of the following areas or technologies, were you working?

Mark (X) Yes or No for each

YES NO

1. Flexible manufacturing, robotics ........ 1 □ 2 □
2. Advanced materials .................. 1 □ 2 □
3. Biotechnology .......................... 1 □ 2 □
4. Micro or opto-electronics, semiconductor devices .............. 1 □ 2 □
5. High performance computing ........... 1 □ 2 □
6. Software producibility .................. 1 □ 2 □
7. Sensor and signal processing .............. 1 □ 2 □
A30. Since April 1990, how many ...

IF NONE, enter "0"

1. Papers have you authored or co-authored for presentation at regional, national or international conferences? (Do not count presentations of the same work more than once) ..................................

2. Articles that you have authored or co-authored, have been accepted for publication in a refereed professional journal? ..................................

A31. Since April 1990, have you been named as an inventor on any application for a U.S. patent?

1 □ Yes

2 □ No → SKIP to A33

A32. (IF YES) Since April 1990 ...

1. How many applications for U.S. patents have named you as inventor? .....................

2. How many U.S. patents have been granted to you as an inventor? .............

3. How many of the patents recorded as GRANTED (recorded in category 2 above) have resulted in commercialized products or processes or have been licensed? .....................

A33. Did you supervise the work of others as part of your principal job held during the week of April 15, 1995?

ANSWER "YES" if you assign duties to workers AND recommend or initiate personnel actions such as hiring, firing or promoting

TEACHERS: Do NOT count students

1 □ Yes

2 □ No → SKIP to A35

A34. (IF YES) How many people did you typically ...

IF NONE, enter "0"

1. supervise DIRECTLY? ..............

2. supervise through subordinate supervisors? ...........

A35. Before deductions, what was your basic ANNUAL salary on this job as of the week of April 15, 1995? [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

A36. During a typical week on this job, how many hours did you usually work?

Number of Hours Per Week: _____

A37. Including paid vacation and paid sick leave, upon how many weeks per year was your salary based?

Number of Weeks Per Year: _____
A38. During the week of April 15, 1995, was any of your work on this job supported by CONTRACTS OR GRANTS from the U.S. government?

FEDERAL EMPLOYEES: Please answer "No"

Mark (X) one

1 □ Yes
2 □ No □ Don’t Know

A39. (IF YES) Which Federal agencies or departments were supporting your work?

Mark (X) all that apply

1 □ Agency for International Development (AID)
2 □ Agriculture Department
3 □ Commerce Department
4 □ Defense Department (DOD)
5 □ Department of Education (include NCES, OERI, FIPSE, FIRST)
6 □ Energy Department (DOE)
7 □ Environmental Protection Agency (EPA)
8 □ Health and Human Services Department (EXCLUDING NIH)
9 □ Interior Department
10 □ National Aeronautics and Space Administration (NASA)
11 □ National Institutes of Health (NIH)
12 □ National Science Foundation (NSF)
13 □ Transportation Department (DOT)
14 □ Other - Specify:
15 □ DON’T KNOW SOURCE AGENCY

The following 3 questions provide information for the U.S. Department of Energy

A40. From the following list of selected areas, indicate the ONE area, if any, to which you devoted the MOST hours during a typical week on this job.

Mark (X) one

1 □ Energy or Fuel
2 □ Environment
3 □ Food or Agriculture
4 □ Health or Safety
5 □ National Defense
6 □ Transportation
7 □ NONE OF THE ABOVE

SKIP to A43, page 8

A41. (IF ENERGY OR FUEL) From the following list, indicate the ONE ENERGY SOURCE that involved the largest proportion of your energy-related work during the past year.

Mark (X) one

1 □ Coal
2 □ Petroleum and natural gas
3 □ Nuclear fission
4 □ Nuclear fusion
5 □ Hydroenergy
6 □ Other Renewables (such as solar, biomass, wind, geothermal)
7 □ Other energy source - Specify:

A42. From the following list, indicate the ONE ENERGY-RELATED ACTIVITY that involved the largest proportion of your energy-related work during the past year.

Mark (X) one

1 □ Exploration and extraction
2 □ Manufacture of energy-related equipment
3 □ Fuel processing (include refining and enriching)
4 □ Electric power generation and transmission
5 □ Transportation and distribution of fuel
6 □ Waste management or decommissioning
7 □ Conservation, utilization, management, or storage of energy or fuel
8 □ Environment, health, and safety
9 □ Other energy-related activity, - Specify:
A43. During the week of April 15, 1995, 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 A47

A44. (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.

Example: High school teacher - Math

IF MORE THAN TWO JOBS that week answer for the job where you worked the second most hours

A45. Using the JOB CATEGORIES LIST (pages 14-15), choose the code that BEST describes the work you were doing on your second job during the week of April 15.

CODE ________

A46. To what extent was your work on this second job related to your HIGHEST degree field? Was it . . .

Mark (X) one

1 □ Closely related
2 □ Somewhat related
3 □ Not related

Questions A47-A49 ask about your work for pay (or profit) in 1994

A47. Turning now to 1994, including paid vacation and paid sick leave, how many weeks did you work in 1994?

IF NONE, MARK (X) THIS BOX → 0 □ AND SKIP TO B1

Number of Weeks Worked: __________

A48. During the weeks you worked in 1994, how many hours a week did you usually work?

Number of Hours Worked: __________

A49. Counting all jobs held, what was your TOTAL EARNED income, BEFORE deductions for 1994?

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

$______________________________00

IF YOU HAD NO EARNED INCOME IN 1994, MARK (X) THIS BOX → 0 □

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, 1993 AND the week of April 15, 1995?

If you were a STUDENT: Do NOT count financial aid awards with no work requirement

1 □ Yes
2 □ No → SKIP to part C, page 9

B2. (IF YES) During these two time periods—the week of April 15, 1993, and the week of April 15, 1995—were you working for . . .

Mark (X) one

1 □ Same employer AND same job → SKIP to part C, page 9
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 ......... 1 □ 2 □
2. Working conditions (hours, equipment, working environment) ......... 1 □ 2 □
3. Job location ......... 1 □ 2 □
4. Change in career or professional interests ......... 1 □ 2 □
5. Family-related reasons (e.g., children, spouse’s job moved) ......... 1 □ 2 □
6. School-related reasons (e.g., returned to school, completed a degree) ......... 1 □ 2 □
7. Laid off or job terminated (includes company closings, mergers, buyouts) ......... 1 □ 2 □
8. Retired ......... 1 □ 2 □
9. Other - Specify: ......... 1 □ 2 □
PART C - Other Work-Related Information

The next few questions ask about your work experience since completing your (first) bachelor’s degree.

C1. Please review the JOB CATEGORIES LIST on pages 14-15. Using that list, please record codes in Column 1 for those job categories where you have had ONE OR MORE YEARS OF WORK EXPERIENCE since completing your (first) bachelor’s degree (a single job category code can represent several jobs). Next, complete Columns 2-5 for each job category recorded in Column 1.

Example: Chris was a regional sales director for a computer hardware company between 1980 and 1986. In 1986 she was offered a job teaching marketing at a local college, something she had always wanted to try and that would allow more time with her family. Between 1986 and 1995, she had taught at three different colleges. Chris would enter:

<table>
<thead>
<tr>
<th>Row</th>
<th>Col 1</th>
<th>Col 2</th>
<th>Col 3</th>
<th>Col 4</th>
<th>Col 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>141</td>
<td>Sales Director, computer hardware company</td>
<td>1980 - 1986</td>
<td>6 years</td>
<td>3,4</td>
</tr>
<tr>
<td>Second</td>
<td>274</td>
<td>Professor - Marketing</td>
<td>1986 - 1995</td>
<td>9 years</td>
<td>9</td>
</tr>
</tbody>
</table>

WORK EXPERIENCE SINCE (FIRST) BACHELOR’S DEGREE

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<th>Col 2</th>
<th>Col 3</th>
<th>Col 4</th>
<th>Col 5</th>
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</thead>
<tbody>
<tr>
<td>Job Category Codes (pages 14-15)</td>
<td>Brief Description of Work Done</td>
<td>Starting and Ending Dates</td>
<td>Total Years of Work Experience</td>
<td>Two Most Important Reasons for Leaving</td>
</tr>
<tr>
<td>Group jobs by job category codes, only use a job category code ONCE If more than 3 job category codes apply: Pick the 3 where you have worked the longest</td>
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<th>1</th>
<th>CODE</th>
<th>FROM</th>
<th>TO</th>
<th>Year(s)</th>
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<th>TO</th>
<th>Year(s)</th>
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<th>FROM</th>
<th>TO</th>
<th>Year(s)</th>
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<td>19</td>
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</tbody>
</table>

REASONS FOR LEAVING (for use in Column 5 above)

1. Pay, promotion, benefits
2. Working conditions (hours, equipment, working environment)
3. Change in career/professional interests
4. Family (children, spouse’s job moved)
5. School (completed degree, returned to school, etc.)
6. Did not enjoy the work
7. Job ended/suitable job in my field not available
8. Retired
9. Still working in that field
10. Other - Specify above
C2. Since completing your (first) bachelor’s degree, have you had any periods of 6 months or more where you were not working?

1. Yes
2. No → SKIP to C4

C3. (IF YES) Please provide the following information for each period of 6 months or longer. Your best guess is fine.

<table>
<thead>
<tr>
<th>DATES NOT WORKING</th>
<th>REASONS FOR NOT WORKING - Mark (X) all that apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM Month Year</td>
<td>TO Month Year</td>
</tr>
<tr>
<td>1.</td>
<td></td>
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<tr>
<td>2.</td>
<td></td>
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<tr>
<td>3.</td>
<td></td>
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</tbody>
</table>

C4. During the past year, did you attend any professional society or association meetings or conferences?

Include regional, national, or international meetings

1. Yes
2. No

C5. To how many national or international professional societies or associations do you currently belong?

Number |

OR

□ NONE

C6. 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

1. Yes → GO to C7
2. No → SKIP to part D, page 11

C7. (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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Management or supervisor training</td>
<td></td>
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<tr>
<td>2. Training in your occupational field</td>
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<tr>
<td>3. General professional training (e.g., public speaking, business writing)</td>
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<tr>
<td>4. Other work-related training - Specify:</td>
<td></td>
</tr>
</tbody>
</table>

C8. For which of the following reasons did you attend training activities during the past year?

Mark (X) Yes or No for each

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. To facilitate a change in your occupational field</td>
<td></td>
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<tr>
<td>2. To gain FURTHER skills or knowledge in your occupational field</td>
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</tr>
<tr>
<td>3. For licensure/certification</td>
<td></td>
</tr>
<tr>
<td>4. To increase opportunities for promotion/advancement/higher salary</td>
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<tr>
<td>5. To learn skills or knowledge needed for a recently acquired position</td>
<td></td>
</tr>
<tr>
<td>6. Required or expected by employer</td>
<td></td>
</tr>
<tr>
<td>7. Other - Specify:</td>
<td></td>
</tr>
</tbody>
</table>

C9. What was your most important reason for attending training activities? Enter number of appropriate REASON from C8 above

<table>
<thead>
<tr>
<th>MOST IMPORTANT REASON from C8</th>
</tr>
</thead>
</table>
PART D - Background Information

D1. Between April 1993 and April 1995, 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?

1 □ Yes
2 □ No → SKIP to D11, page 12

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

D3. During that time, toward what degree or certificate, if any, were you (or are you) working?

If more than one applies: Mark the highest level

No specific degree or certificate, mark (X) this box → 0 □ and SKIP to D9

Mark (X) one
1. Bachelor’s degree ......................... □
2. Post baccalaureate certificate ........... □
3. Master’s degree (including MBA) ........ □
4. Post master’s certificate ................... □
5. Doctorate .................................. □
6. Other professional degree (e.g., JD, LLB, THD, MD, DDS, etc.) ......................... □
7. Other - Specify: ............................ □

D4. Between April 1993 and April 1995, did you complete a degree or certificate?

1 □ Yes
2 □ No → SKIP to D9

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

______ 19 ______ Month Year

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

School name: ________________________________
City/Town: _________________________________
State/Foreign country: _______________________

D7. What was the field of study for this degree or certificate?

Primary Field of Study: ________________________

D8. Using the EDUCATION CODES (pages 16-17), choose the code that BEST describes the field of study for this degree or certificate.

CODE [____] [____] [____]

NOTE - Education codes go from 601 to 995

D9. For which of the following reasons were you taking classes or enrolled between April 1993 and April 1995?

Mark (X) Yes or No for each

YES NO
1. To gain further education before beginning a career .................. 1 □ 2 □
2. To prepare for graduate school ................ 1 □ 2 □
3. To change your academic or occupational field ......................... 1 □ 2 □
4. To gain FURTHER skills or knowledge in your academic or occupational field . . . 1 □ 2 □
5. For licensure/certification ........................ 1 □ 2 □
6. To increase opportunities for promotion/advancement/higher salary . . . 1 □ 2 □
7. Required or expected by employer ......... 1 □ 2 □
8. For leisure/personal interest .................. 1 □ 2 □
9. Other - Specify: ............................... 1 □ 2 □

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 April 15, 1995, what is the HIGHEST educational level you have attained?  
Mark (X) one  
1  □  Bachelor’s degree  
2  □  Post baccalaureate certificate  
3  □  Master’s degree (including MBA)  
4  □  Post master’s certificate  
5  □  ABD (all but dissertation, no certificate)  
6  □  Doctorate  
7  □  Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.) - Specify: ______________________  
8  □  Other - Specify: ______________________

D12. As of the week of April 15 were you . . .  
Mark (X) one  
1  □  Married  
2  □  Widowed  
3  □  Separated  
4  □  Divorced  
5  □  Never Married  

D13. (IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-time or part-time job?  
Mark (X) one  
1  □  Yes, full-time  
2  □  Yes, part-time  
3  □  No → SKIP to D15

D14. (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, . . . . . 1 □  2 □
2. The social sciences, . . . . . . . . . . . 1 □  2 □
3. Some other field (e.g., health or business) - Specify: . . . . . . . . . . . 1 □  2 □

D15. 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 D16  
2  □  No → SKIP to D17

D16. (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></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

D17. During the week of April 15, 1995, were you living in the United States or one of its territories, or were you living in another country?  
Mark (X) one  
1  □  United States or one of its territories  
2  □  Another country  

D18. As of the week of April 15, 1995 were you a . . .  
Mark (X) one  

U.S. Citizen  
1  □  Native Born  
2  □  Naturalized → SKIP to D20

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

D19. (IF NON-U.S. CITIZEN) Of which country are you a citizen?  
COUNTRY: ______________________

D20. What is your birthdate?

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>19</td>
</tr>
</tbody>
</table>
The next question is designed to help us better understand the career paths of individuals with different physical abilities.

D21. 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>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>

D22. If you answered "none" TO ALL ACTIVITIES in D21, Mark (X) this box and SKIP to D24

D23. What is the earliest age at which you FIRST began experiencing ANY difficulties in any of these areas?

AGE: [___] OR 0 □ SINCE BIRTH

D24. In case we need to clarify some of the information you have provided, please list a phone number where you can be reached.

Daytime:  
Area Code | Number
________|________

Evening:  
Area Code | Number
________|________

D25. Since we are interested in how education and employment change over time, we may be reconctacting you in 1997. 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 1997.

First Name  MI  Last Name  
________________________
Number and Street  
________________________
City/Town  State  Zip Code
________________________
Country (If outside U.S.)
________________________
Area Code | Number
________|________

D26. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (D27).
JOB CATEGORIES LIST

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.

010 Artists, Broadcasters, Editors, Entertainers, Public Relations Specialists, Writers

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 & technicians in the biological/life sciences
027 OTHER biological/life scientists

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

040 Clergy & Other Religious Workers

Computer Occupations (Also see 173)
*** Computer engineers (See 087, 088 under Engineering)
051 Computer programmers (business, scientific, process control)
052 Computer system analysts
053 Computer scientists, except system analysts
054 Information systems scientists or analysts
055 OTHER computer, information science occupations

*** Consultants (Select the code that comes closest to your usual area of consulting)

070 Counselors, Educational & Vocational (Also see 236)

Engineers, Architects, Surveyors
081 Architects
*** Engineers (Also see 100-103)
082 Aeronautical, aerospace, astronautical engineer
083 Agricultural engineer
084 Bioengineering & biomedical engineer
085 Chemical engineer
086 Civil, including architectural & sanitary engineer

*** Engineers (continued)
087 Computer engineer - hardware
088 Computer engineer - software
089 Electrical, electronic engineer
090 Environmental engineer
091 Industrial engineer
092 Marine engineer or naval architect engineer
093 Materials or metallurgical engineer
094 Mechanical engineer
095 Mining or geological engineer
096 Nuclear engineer
097 Petroleum engineer
098 Sales engineer
099 Other engineer

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

110 Farmers, Foresters & 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
113 Health Technologists & Technicians
(e.g., dental hygienists, health record technologist/technicians, licensed practical nurses, medical or laboratory technicians, radiologic technologists/technicians)
114 OTHER health occupations

120 Lawyers, Judges

130 Librarians, Archivists, Curators

Managers, Executives, Administrators
(Also see 151-153)
141 Top and mid-level managers, executives, administrators
(people who manage other managers)
*** All other managers, including the self-employed - Select the code that comes closest to the field you manage
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, modelling
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, & business services
201 Sales Occupations - Commodities Except Retail
(e.g., industrial machinery/equipment/supplies, medical and dental equip/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
240 Social Workers

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 & 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)
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>601</td>
<td>Agriculture, economics (also see 655 and 923)</td>
<td>602</td>
<td>OTHER agricultural business and production</td>
</tr>
</tbody>
</table>

### Agricultural Sciences

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>Animal sciences</td>
<td>606</td>
<td>Food sciences and technology (also see 638)</td>
</tr>
<tr>
<td>607</td>
<td>Plant sciences (also see 633)</td>
<td>608</td>
<td>OTHER agricultural sciences</td>
</tr>
</tbody>
</table>

### Architecture/Environmental Design

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610</td>
<td>(for architectural engineering, see 723)</td>
</tr>
</tbody>
</table>

### Area/Ethnic Studies

### Biological/Life Sciences

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>631</td>
<td>Biochemistry and biophysics</td>
<td>632</td>
<td>Biology, general</td>
</tr>
<tr>
<td>633</td>
<td>Botany (also see 607)</td>
<td>634</td>
<td>Cell and molecular biology</td>
</tr>
<tr>
<td>635</td>
<td>Ecology</td>
<td>636</td>
<td>Genetics, animal and plant</td>
</tr>
<tr>
<td>637</td>
<td>Microbiology</td>
<td>638</td>
<td>Nutritional sciences (also see 606)</td>
</tr>
<tr>
<td>639</td>
<td>Pharmacology, human and animal (also see 788)</td>
<td>640</td>
<td>Physiology, human and animal</td>
</tr>
<tr>
<td>641</td>
<td>Zoology, general</td>
<td>642</td>
<td>OTHER biological sciences</td>
</tr>
</tbody>
</table>

### Business Management/Administrative Services

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>651</td>
<td>Accounting</td>
<td>652</td>
<td>Actuarial science</td>
</tr>
<tr>
<td>653</td>
<td>Business administration and management</td>
<td>654</td>
<td>Business, general</td>
</tr>
<tr>
<td>655</td>
<td>Business/managerial economics (also see 601 and 923)</td>
<td>656</td>
<td>Business marketing/marketing mgmt.</td>
</tr>
<tr>
<td>657</td>
<td>Financial management</td>
<td>658</td>
<td>Marketing research</td>
</tr>
<tr>
<td>843</td>
<td>Operations research</td>
<td>659</td>
<td>OTHER business management/admin. services</td>
</tr>
</tbody>
</table>

### Communications

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>661</td>
<td>Communications, general</td>
<td>662</td>
<td>Journalism</td>
</tr>
<tr>
<td>663</td>
<td>OTHER communications</td>
<td></td>
<td></td>
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</tbody>
</table>

### Computer and Information Sciences

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>671</td>
<td>Computer/information sciences, general</td>
</tr>
<tr>
<td>672</td>
<td>Computer programming</td>
</tr>
<tr>
<td>673</td>
<td>Computer science (also see 727)</td>
</tr>
<tr>
<td>674</td>
<td>Computer systems analysis</td>
</tr>
<tr>
<td>675</td>
<td>Data processing technology</td>
</tr>
<tr>
<td>676</td>
<td>Information services and systems</td>
</tr>
<tr>
<td>677</td>
<td>OTHER computer and information sciences</td>
</tr>
</tbody>
</table>

### Conservation/Renewable Natural Resources

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>680</td>
<td>Environmental science studies</td>
<td>681</td>
<td>Forestry sciences</td>
</tr>
<tr>
<td>682</td>
<td>OTHER conservation/renewable natural resources</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Criminal Justice/Protective Services

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>690</td>
<td>(also see 922)</td>
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</tbody>
</table>

### Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>701</td>
<td>Administration</td>
<td>702</td>
<td>Computer teacher education</td>
</tr>
<tr>
<td>703</td>
<td>Counselor education/guidance services</td>
<td>704</td>
<td>Educational psychology</td>
</tr>
<tr>
<td>705</td>
<td>Elementary teacher education</td>
<td>706</td>
<td>Mathematics teacher education</td>
</tr>
<tr>
<td>707</td>
<td>Physical education/coaching</td>
<td>708</td>
<td>Pre-elementary teacher education</td>
</tr>
<tr>
<td>709</td>
<td>Science teacher education</td>
<td>710</td>
<td>Secondary teacher education</td>
</tr>
<tr>
<td>711</td>
<td>Special education</td>
<td>712</td>
<td>Social science teacher education</td>
</tr>
<tr>
<td>713</td>
<td>OTHER education</td>
<td></td>
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</tbody>
</table>

### Engineering

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>721</td>
<td>Aerospace, aeronautical, astronomical engineering</td>
</tr>
<tr>
<td>722</td>
<td>Agricultural engineering</td>
</tr>
<tr>
<td>723</td>
<td>Architectural engineering</td>
</tr>
<tr>
<td>724</td>
<td>Bioengineering and biomedical engineering</td>
</tr>
<tr>
<td>725</td>
<td>Chemical engineering</td>
</tr>
<tr>
<td>726</td>
<td>Civil engineering</td>
</tr>
<tr>
<td>727</td>
<td>Computer/systems engineering (also see 673)</td>
</tr>
<tr>
<td>728</td>
<td>Electrical, electronics, communications engineering (also see 751)</td>
</tr>
<tr>
<td>729</td>
<td>Engineering sciences, mechanics, physics</td>
</tr>
<tr>
<td>730</td>
<td>Environmental engineering</td>
</tr>
<tr>
<td>731</td>
<td>General engineering</td>
</tr>
<tr>
<td>732</td>
<td>Geophysical engineering</td>
</tr>
<tr>
<td>733</td>
<td>Industrial engineering (also see 752)</td>
</tr>
<tr>
<td>734</td>
<td>Materials engineering, including ceramics and textiles</td>
</tr>
<tr>
<td>735</td>
<td>Mechanical engineering (also see 753)</td>
</tr>
<tr>
<td>736</td>
<td>Metallurgical engineering</td>
</tr>
<tr>
<td>737</td>
<td>Mining and minerals engineering</td>
</tr>
<tr>
<td>738</td>
<td>Naval architecture and marine engineering</td>
</tr>
<tr>
<td>739</td>
<td>Nuclear engineering</td>
</tr>
<tr>
<td>740</td>
<td>Petroleum engineering</td>
</tr>
<tr>
<td>741</td>
<td>OTHER engineering</td>
</tr>
</tbody>
</table>
### 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

### Law/Prelaw/Legal Studies

### Liberal Arts/General Studies

### 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

### 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

### 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
- 910 Social work
- 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)
D27.  Is the name and address information on the label the best one for us to use for any future mailings?

1  ☐ Yes

2  ☐ No → Please make name and address changes as needed below. Please print clearly.

________________________________________________________________________
Title First name Middle initial Last name
________________________________________________________________________
Number and street Apartment number City and town State ZIP Code

THANK YOU FOR COMPLETING THE QUESTIONNAIRE

Please return the completed form in the envelope provided. If you lose the envelope and want another, call 1-800-582-8330. Our address is:

DIRECTOR
BUREAU OF THE CENSUS
1201 E 10TH ST
JEFFERSONVILLE, IN 47132-0001