

# National Survey of Recent College Graduates: 1999 Follow-up Survey

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information you provide will be treated as confidential and used only for research or statistical purposes by the survey sponsors, 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 25 minutes to complete the questionnaire. If you have any comments on the time required for this survey, please send them to Suzanne H. Plimpton, Division of Administrative Services, 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. The OMB number for this project is 3145-0077.

**Conducted by:**

**Westat  
Rockville, MD**

**for the  
National Science Foundation  
Arlington, VA**

## INSTRUCTIONS

**Thank you for taking the time to complete this important 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 (i.e., 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.
- You may notice that some question numbers are not consecutive. This was done to maintain consistency with previous survey cycles. Please answer questions in the order they are printed except when following a "SKIP" instruction.

**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? Please include self-employment and any jobs from which you were temporarily absent, for example, for illness, vacation, or parental leave (even if leave was unpaid).**

STUDENTS: *Count jobs required as part of a financial aid award, such as work study or assistantships. Do not count financial aid awards with no work requirement.*

- 1  Yes ⇒ **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, 1999?**

Mark (X) Yes or No for each

- |  | Year Retired         | YES                        | NO                         |
|--|----------------------|----------------------------|----------------------------|
|  |                      | ↓                          | ↓                          |
| a. Retired → 19                            | <input type="text"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. On layoff from a job                    |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Student                                 |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Family responsibilities                 |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Chronic illness or permanent disability |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Suitable job not available              |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Did not need or want to work            |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| h. Other - Specify                         |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
|  | <input type="text"/> |                            |                            |

**A4. Prior to the week of April 15, 1999, in what month and year 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 8

LAST WORKED      Month      Year  
       19     

**A5. What kind of work were you doing on this last job prior to 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*

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**A6. Using the JOB CODES (LIST B: pp. 18-19), choose the code that best describes the work you were doing on the job reported in A5.**

CODE    ⇒ **SKIP to A50, page 6**

NOTE: Job codes range from 010 to 500

**A7. (IF WORKING DURING WEEK OF APRIL 15) Counting all jobs you held during the week of April 15, 1999, was your typical work week 35 hours or more per week?**

- 1  Yes, worked 35 or more hours ⇒ **SKIP to A10, page 2**  
 2  No, worked less than 35 hours per week

**A8. (IF WORKED LESS THAN 35 HOURS PER WEEK) During the week of April 15, 1999, did you want to work a full-time work week of 35 or more hours?**

- 1  Yes  
 2  No

**A9. (IF WORKED LESS THAN 35 HOURS PER WEEK) What were your reasons for working a part-time work week of less than 35 hours during the week of April 15, 1999?**

Mark (X) Yes or No for each

- |   | Year Retired         | YES                        | NO                         |
|---|----------------------|----------------------------|----------------------------|
|   |                      | ↓                          | ↓                          |
| a. Retired or semi-retired → 19                   | <input type="text"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Student  |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Family responsibilities                        |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Chronic illness or permanent disability        |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Suitable full-time work week job not available |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Did not need or want to work full time         |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Other - Specify                                |                      | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
|   | <input type="text"/> |                            |                            |

If you answered A9, please skip to A17.

**A10.** (IF WORKED 35 OR MORE HOURS PER WEEK)  
**Although you were working during the week of April 15, 1999, had you previously retired from any position?**

*Examples of retirement include mandatory retirement, early retirement, or voluntary retirement.*

1  Yes → **Year Retired**  
19

2  No

**Please answer the next series of questions for your principal job held during the week of April 15, 1999, that is, the job in which you worked the most hours during the week of April 15, 1999. A second job, if held, will be covered later.**

**A17. 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 or Town: \_\_\_\_\_

State/Foreign Country: \_\_\_\_\_

ZIP Code: \_\_\_\_\_

**A18. Which of the following categories best describes your employer during the week of April 15, 1999?**

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

*Mark (X) ONLY one*

- 1  A PRIVATE FOR-PROFIT company, business or individual, paying you wages, salary or commissions
- 2  A PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
- 3  SELF-EMPLOYMENT in own NOT INCORPORATED business, professional practice, or farm
- 4  SELF-EMPLOYMENT 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 as a civilian employee
- 91  Other - *Specify* ↘

**A19. Thinking about your April 1999 employer's main business, (that is, what that employer makes or does), under which of the following categories does that employer's *main business* best fit?**

IF PRINCIPAL EMPLOYER HAD MORE THAN ONE TYPE OF BUSINESS: *Please answer for the type of business primarily performed at the location where you worked.*

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  All 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

**A20. Counting all locations where this employer operated, how many people worked for your April 1999 employer? Your best estimate is fine.**

Mark (X) *ONLY* 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

**A21. Did your April 1999 employer come into being as a new business within the past 5 years?**

- 1  Yes
- 2  No

**A22. Was your April 1999 principal employer an educational institution?**

- 1  Yes
- 2  No ⇒ **SKIP to A24**

**A23. (IF EDUCATIONAL INSTITUTION) Was this educational institution . . .**

Mark (X) *ONLY* one

- 1  Preschool, elementary, or middle school or system
- 2  Secondary school or system
- 3  2-year college, junior college, or technical institute
- 4  4-year college or university, other than a medical school
- 5  Medical school (including university-affiliated hospital or medical center)
- 6  University-affiliated research institute
- 91  Some other type - *Specify* ↘

**A24. 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*

---

---

---

---

**A25. Using the JOB CODES (LIST B: pp. 18-19), choose the code that best describes the work you were doing on your principal job during the week of April 15, 1999.**

CODE 

--	--	--

NOTE: Job codes range from 010 to 500

(Question number A26 not used this cycle.)

**A27.** (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

YES NO  
↓ ↓

a. Engineering, computer science, math, or the natural sciences . . . . . 1  2

b. The social sciences . . . . . 1  2

c. Some other field (e.g., health or business) - Specify  
 1  2

**A28.** During what month and year did you start this job, (that is, your principal job held during the week of April 15, 1999)?

JOB STARTED 

Month	
-------	--

 19 

Year	
------	--

(Question number A29 not used this cycle.)

**A30.** 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, 1999, related to your highest degree field?

Mark (X) ONLY one

- 1  Closely related → **SKIP to A33, page 5**  
 2  Somewhat related  
 3  Not related

**A31.** (IF NOT RELATED) Did any of these factors influence your decision to work in an area outside of your highest degree field?

Mark (X) Yes or No for each

YES NO  
↓ ↓

1. Pay or promotion opportunities . . . . . 1  2   
 2. Working conditions (e.g., 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. Job in field not available . . . . . 1  2   
 7. Other reason - Specify  
 1  2

**A32.** Which two factors in A31 represent your most important reasons for working in an area outside of your highest degree field? Enter number of appropriate factor from A31 above.

1.  MOST important reason  
 2.  SECOND MOST important reason  
 (Enter "0" if only one factor selected in A31.)

**A33. The next question is about your work activities on the principal job you held during the week of April 15, 1999. For each of the following work activities, please indicate whether the activity 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 (e.g., health care, counseling, financial services, legal services) . . . . . 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

**A34. On which two activities in A33 did you work the most and second most hours during a typical week on this job? Enter number of appropriate activity from A33 above.**

- 1.  Activity MOST hours
- 2.  Activity SECOND MOST hours  
(Enter "0" if only one activity selected in A33.)

**A36. Did you supervise the work of others as part of your principal job held during the week of April 15, 1999?**

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 A38**

**A37. (IF YES) How many people did you typically . . .**

IF NONE: Enter "0."

Number Supervised

- a. Supervise directly? . . . . .
- b. Supervise through subordinate supervisors? . . .

**A38. 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.

Include tips as part of salary.

\$  .00  
Basic Annual Salary/Earned Income

**A39. During a typical week on this job, how many hours did you usually work?**

NUMBER OF HOURS PER WEEK

**A39WEEKS. Was your salary based on a full year, that is, 52 weeks, or something less than 52 weeks?**

- 1  52 weeks ⇒ **SKIP to A44, page 6**
- 2  Something else

**A39A. Including paid vacation and paid sick leave, on how many weeks per year was your salary based?**

NUMBER OF WEEKS PER YEAR

A44. 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 A50**

A45. (IF YES) What kind of work were you doing on your second job during the week of April 15, 1999--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 at which you worked the second most hours.

EXAMPLE: High school teacher - Math

---

---

---

---

A46. Using the JOB CODES (LIST B: pp. 18-19), choose the code that best describes the work you were doing on your second job during the week of April 15, 1999.

CODE    NOTE: Job codes range from 010 to 500

A47. To what extent was your work on this second job related to your highest degree field?

Mark (X) *ONLY* one

- 1  Closely related  
2  Somewhat related  
3  Not related

(Question numbers A48-A49 not used this cycle.)

The next question asks about your work for pay (or profit) during calendar year 1998. Please think about that year as you answer this question.

A50. Counting all jobs held in 1998, 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.

← MARK (X) THIS BOX IF YOU HAD NO EARNED INCOME IN 1998 AND GO TO B1, PAGE 7

TOTAL 1998 EARNED INCOME \$  .00



**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 two time periods--the week of April 15, 1997, and the week of April 15, 1999?**

STUDENTS: *Count jobs required as part of a financial aid award, such as work study or assistantships. Do not count financial aid awards with no work requirement.*

- 1  Yes
- 2  No → **SKIP to C10**

**B2. (IF YES) Thinking back to 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 C10**
- 2  Same employer but different job
- 3  Different employer but same job
- 4  Different employer and different job

**B3. (IF DIFFERENT) Did any of the following factors influence your decision to change your employer or your job?**

Mark (X) *Yes or No for each*

- |  | YES                        | NO                         |
|--|----------------------------|----------------------------|
|  | ↓                          | ↓                          |
| a. Pay or promotion opportunities . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Working conditions (e.g., hours, equipment, working environment) . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Job location . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Change in career or professional interests . . . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Family-related reasons (e.g., children, spouse's job moved) . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. School-related reasons (e.g., returned to school, completed a degree) . . . . .                               | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. Laid off or job terminated (includes company closings, mergers, buyouts or grant or contract ended) . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| h. Retired . . . . .   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| i. Other reason - <i>Specify</i> →   |                            |                            |
| <input style="width: 250px; height: 20px;" type="text"/>   | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**PART C - Other Work and Career-Related Information**

**C10. During the past year, did you attend any professional society or association meetings or professional conferences? Please include regional, national, or international meetings.**

- 1  Yes
- 2  No

**C11. To how many national or international professional societies or associations do you currently belong?**

Number  OR  NONE

**C12. During the past year, did you attend any work-related workshops, seminars, or other work-related training activities? Do not include college courses.**

*Do not include professional meetings unless you attended a special training session conducted at a meeting or conference.*

- 1  Yes
- 2  No ⇒ **SKIP to Part D, page 8**

**C13. (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?**

- |   | YES                        | NO                         |
|---|----------------------------|----------------------------|
|   | ↓                          | ↓                          |
| a. Management or supervisor training . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. Training in your occupational field . . .  | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. General professional training (for example, public speaking, business writing) . . . . . | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Other work-related training - <i>Specify</i> ↙   |                            |                            |
| <input style="width: 250px; height: 20px;" type="text"/>                                    | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**C14. For which of the following reasons did you attend training activities during the past year?**

Mark (X) Yes or No for each

YES NO  
↓ ↓

- 1. To facilitate a change in your occupational field ..... 1  2
- 2. To gain further skills or knowledge in your occupational field ..... 1  2
- 3. For licensure or certification ..... 1  2
- 4. To increase opportunities for promotion, advancement or higher salary ..... 1  2
- 5. To learn skills or knowledge needed for a recently acquired position ..... 1  2
- 6. Required or expected by employer ... 1  2
- 7. Other - *Specify* ↘  
 1  2

**C15. Which of the reasons marked in C14 represents your most important reason for attending training activities? Enter number of appropriate reason from C14 above.**

MOST important reason

**PART D - Educational Activity and Background Information**

**D1. During the four years between April 1995 and April 1999, did you take any college or university courses or enroll in a college or university for any other reason, such as completing a master's or PhD?**

- 1  Yes
- 2  No → **SKIP to D10d, page 12**

**Questions D2 through D5a ask about your educational experiences during the two years between April 1995 and April 1997.**

**D2. During the two years between April 1995 and April 1997, did you take any courses or enroll in a college or university?**

- 1  Yes
- 2  No → **SKIP to BOX above D6, page 10**

**D2a. During that time period, in which college or university department were you primarily taking classes or doing research (for example, English, chemistry)?**

DEPARTMENT

**D2b. During that time, toward what degree or certificate, if any, were you working?**

IF WORKING ON MORE THAN ONE DEGREE: *Mark the highest level.*

Mark (X) **ONLY one**

- 0  No specific degree or certificate
- 1  Bachelor's degree
- 2  Post baccalaureate certificate
- 3  Master's degree (including MBA)
- 4  Post master's certificate
- 5  Doctorate (Ph.D., D.S.C, D.Sc., Ed.D.)
- 6  Other professional degree (JD, LLB, ThD, MD, DDS, etc.) - *Specify* ↘
- 91  Other - *Specify* ↘

**D3. Between April 1995 and April 1997, did you complete a degree or certificate?**

- 1  Yes
- 2  No ⇒ **SKIP to D4**

**D3a. What type of degree or certificate did you complete?**

IF YOU COMPLETED MORE THAN ONE DEGREE: *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 (Ph.D., D.S.C, D.Sc., Ed.D.)
- 6  Other professional degree (JD, LLB, ThD, MD, DDS, etc.) - *Specify* ↷

- 91  Other - *Specify* ↷

**D3b. 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		
--	--	----	--	--

**D3c. From which college or university did you receive this degree or certificate (completed between April 1995 and April 1997)? Please do not abbreviate the school name.**

School Name: \_\_\_\_\_

City/Town: \_\_\_\_\_

State/Foreign Country: \_\_\_\_\_

**D4. What was your primary field of study for the degree you completed or for the coursework you took between April 1995 and April 1997?**

← **MARK (X) THIS BOX IF NO PRIMARY FIELD OF STUDY AND SKIP TO D5**

PRIMARY FIELD OF STUDY

**D4a. Using the EDUCATION CODES (LIST A: pp. 16-17), choose the code that best describes your primary field of study during that time.**

range              NOTE - Education codes from 601 to 995

CODE

**D5. For which of the following reasons were you taking classes or enrolled between April 1995 and April 1997?**

Mark (X) Yes or No for each

YES    NO  
↓      ↓

- a. To gain further education before beginning a career ..... 1  2
- b. To prepare for graduate school ..... 1  2
- c. To change your academic or occupational field ..... 1  2
- d. To gain further skills or knowledge in your academic or occupational field . 1  2
- e. For licensure or certification ..... 1  2
- f. To increase opportunities for promotion, advancement, or higher salary ..... 1  2
- g. Required or expected by employer .... 1  2
- h. For leisure or personal interest ..... 1  2
- i. Other - *Specify* ↷

1  2

**D5a. From which of the following sources did you receive support for the degree you completed or for the coursework you took between April 1995 and April 1997?**

Mark (X) Yes or No for each

YES NO  
↓ ↓

- g. Financial support from parents/spouse/ other relatives, not to be repaid . . . . . 1  2
- a. Loans from the school you attended, banks, federal or state government . . . . 1  2
- b. Loans from parents or other relatives . . 1  2
- c. Financial assistance from your employer . . . . . 1  2
- d. Tuition waivers, fellowships, grants, or scholarships . . . . . 1  2
- e. Assistantships/Work Study . . . . . 1  2
- f. Earnings from employment . . . . . 1  2
- h. Other - *Specify* ↘  
 1  2

**D6b. During that time, toward what degree or certificate, if any, were you (or are you) working?**

IF WORKING ON MORE THAN ONE DEGREE: *Mark the highest level.*

Mark (X) *ONLY one*

- 0  No specific degree or certificate
- 1  Bachelor's degree
- 2  Post baccalaureate certificate
- 3  Master's degree (including MBA)
- 4  Post master's certificate
- 5  Doctorate (Ph.D., D.S.C, D.Sc., Ed.D.)
- 6  Other professional degree (JD, LLB, ThD, MD, DDS, etc.) - *Specify* ↘
- 91  Other - *Specify* ↘

Questions D6 through D10 ask about your educational experiences during the two years between April 1997 and April 1999.

**D6. During the two years between April 1997 and April 1999, did you take courses or enroll in a college or university?**

- 1  Yes
- 2  No ⇒ **SKIP to D10d, page 12**



**D6a. During that time period, in which college or university department were you primarily taking classes or doing research (for example, English, chemistry)?**

DEPARTMENT

**D7. Between April 1997 and April 1999, did you complete a degree or certificate?**

- 1  Yes
- 2  No ⇒ **SKIP to D8, page 11**



**D7a. What type of degree or certificate did you complete?**

IF YOU COMPLETED MORE THAN ONE DEGREE: *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 (Ph.D., D.S.C, D.Sc., Ed.D.)
- 6  Other professional degree (JD, LLB, ThD, MD, DDS, etc.) - *Specify* ↘
- 91  Other - *Specify* ↘

**D7b. 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	
<input type="text"/>	<input type="text"/>	19	<input type="text"/>

**D7c. From which college or university did you receive this degree or certificate (completed between April 1997 and April 1999)? Please do not abbreviate the school name.**

School Name: \_\_\_\_\_

City/Town: \_\_\_\_\_

State/Foreign Country: \_\_\_\_\_

**D8. What was your primary field of study for the degree you completed or for the coursework you took between April 1997 and April 1999?**

- MARK (X) THIS BOX IF NO PRIMARY FIELD OF STUDY AND SKIP TO D9

PRIMARY FIELD OF STUDY

**D8a. Using the EDUCATION CODES (LIST A: pp. 16-17), choose the code that best describes your primary field of study during that time.**

CODE 

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

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  
↓ ↓

- a. To gain further education before beginning a career ..... 1  2
- b. To prepare for graduate school ..... 1  2
- c. To change your academic or occupational field ..... 1  2
- d. To gain further skills or knowledge in your academic or occupational field . 1  2
- e. For licensure or certification ..... 1  2
- f. To increase opportunities for promotion, advancement, or higher salary ..... 1  2
- g. Required or expected by employer .... 1  2
- h. For leisure or personal interest ..... 1  2
- i. Other - *Specify* ↘  
 1  2

**D10. From which of the following sources did you receive support for the degree you completed or for the coursework you took between April 1997 and April 1999?**

Mark (X) Yes or No for each

YES NO  
↓ ↓

- g. Financial support from parents/spouse/ other relatives, not to be repaid ..... 1  2
- a. Loans from the school you attended, banks, federal or state government .... 1  2
- b. Loans from parents or other relatives .. 1  2
- c. Financial assistance from your employer ..... 1  2
- d. Tuition waivers, fellowships, grants, or scholarships ..... 1  2
- e. Assistantships/Work Study ..... 1  2
- f. Earnings from employment ..... 1  2
- h. Other - *Specify* ↘  
 1  2

**D10b.** During the week of April 15, 1999, were you taking college or university courses or enrolled for other reasons such as completing a master's, Ph.D., or a medical or law degree?

MARK "YES": *If you were enrolled in school but on vacation that week.*

- 1  Yes
- 2  No ⇒ **SKIP to BOX above D11**

**D10c.** Were you taking courses as ...

Mark (X) ONLY one

- 1  A part-time student
  - 2  A full-time student
- SKIP to BOX above D11**

**D10d.** Which of the following were reasons why you were not taking courses during the time period from April 1997 to April 1999?

Mark (X) Yes or No for each

- |   |   | YES<br>↓                 | NO<br>↓                    |
|---|---|--------------------------|----------------------------|
| a. You had achieved your educational goals (at least temporarily) . . . . .   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. You were waiting for the next school term to start . . . . .   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Financial reasons (e.g., too expensive, needed the money for other priorities) . . . . .                             | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| d. Had a job, needed to work . . . . .  | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| e. Had to stop due to family responsibilities (e.g., caring for children or other family members, had a baby) . . . . . | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| f. Moved, could no longer take courses at the school you were attending . . . . .                                       | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| g. No longer certain of which field of study you wanted to pursue . . . . .   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| h. Needed a break, tired of going to school . . . . .   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| i. Other - <i>Specify</i> ↘   |   |                          |                            |
|   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |

Questions D11 through D22 are designed to collect background information. Most questions refer to the week of April 15, 1999.

**D11.** During the week of April 15, 1999 were you . . .

Mark (X) ONLY one

- 1  Married ⇒ **GO to D12**
  - 2  Widowed
  - 3  Separated
  - 4  Divorced
  - 5  Never Married
- SKIP to D14**

**D12.** (IF MARRIED) During the week of April 15, 1999, 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 equivalent of a bachelor's degree or higher in . . .

Mark (X) Yes or No for each

- |  |   | YES<br>↓                 | NO<br>↓                    |
|--|---|--------------------------|----------------------------|
| a. Engineering, computer science, math or the natural sciences . . . . . | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| b. The social sciences . . . . .   | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |
| c. Some other field (e.g., health or business) - <i>Specify</i> ↘        |   |                          |                            |
|  | 1 | <input type="checkbox"/> | 2 <input type="checkbox"/> |

**D14.** During the week of April 15, 1999, 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 ⇒ **SKIP to D16, page 13**

**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

- a. Under age 2 . . . . .
- b. Aged 2-5 . . . . .
- c. Aged 6-11 . . . . .
- d. Aged 12-17 . . . . .
- e. 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

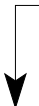
**CONTINUE WITH NEXT PAGE**



**D17. During the week of April 15, 1999, were you . . .**

*Mark (X) ONLY one*

- 1  A U.S. citizen
- 2  Not a U.S. citizen ⇒ **SKIP to D17b**



**D17a. (IF U.S. CITIZEN) Were you . . .**

*Mark (X) ONLY one*

- 1  A native-born citizen
  - 2  A naturalized citizen
- } → **SKIP to D19**

**D17b. (IF NON-U.S. CITIZEN) During the week of April 15, 1999, did you have . . .**

*Mark (X) ONLY one*

- 3  A Permanent U.S. Resident Visa
- 4  A Temporary U.S. Resident Visa
- 5  No U.S. Visa - You were living outside the United States

**D18. (IF NON-U.S. CITIZEN) Of which country were you a citizen during the week of April 15, 1999?**

COUNTRY

**D19. What is your birthdate?**

Month      Day      Year

--	--	--	--	--	--	--	--	--	--

19





**D23a. Does the name appearing on the back cover of this questionnaire match your current name?**

1  Yes ⇒ **SKIP to D23c**

2  No



**D23b. Please provide your current name.**

--	--	--

First Name

Middle Name

Last Name

**D23c. Did you ever receive the degree listed on the back cover of this questionnaire?** *Please answer "yes" if you ever received this degree, even if you have completed other degrees since the one listed.*

1  Yes

2  No

**D24. Since we are interested in how education and employment change over time, we may be recontacting you in the future. To help us contact you, please provide the name, address, and telephone number of someone who is 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. This person will only be contacted if we have trouble contacting you in the future.**

--	--	--

First Name

Middle Name

Last Name

--

Number and Street/Apt. No.

--	--	--	--

City/Town

State

Zip Code

Plus 4

--

Country (If outside U.S.)

Area Code

Number

			-				-				
--	--	--	---	--	--	--	---	--	--	--	--

**THANK YOU FOR COMPLETING  
THE QUESTIONNAIRE**

# LIST A: EDUCATION CODES

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**

- 601 Agriculture, economics (also see 655 and 923)
- 602 OTHER agricultural business and production

## **Agricultural Sciences**

- 605 Animal sciences
- 606 Food sciences and technology (also see 638)
- 607 Plant sciences (also see 633)
- 608 OTHER agricultural sciences

- 610 **Architecture/Environmental Design**  
(for architectural engineering, see 723)

- 620 **Area/Ethnic Studies**

## **Biological/Life Sciences**

- 631 Biochemistry and biophysics
- 632 Biology, general
- 633 Botany (also see 607)
- 634 Cell and molecular biology
- 635 Ecology
- 636 Genetics, animal and plant
- 637 Microbiology
- 638 Nutritional sciences (also see 606)
- 639 Pharmacology, human and animal (also see 788)
- 640 Physiology, human and animal
- 641 Zoology, general
- 642 OTHER biological sciences

## **Business Management/Administrative Services**

- 651 Accounting
- 652 Actuarial science
- 653 Business administration and management
- 654 Business, general
- 655 Business/managerial economics (also see 601 and 923)
- 656 Business marketing/marketing mgmt.
- 657 Financial management
- 658 Marketing research
- 843 Operations research
- 659 OTHER business management/admin. services

## **Communications**

- 661 Communications, general
- 662 Journalism
- 663 OTHER communications

## **Computer and Information Sciences**

- 671 Computer/information sciences, general
- 672 Computer programming
- 673 Computer science (also see 727)
- 674 Computer systems analysis
- 675 Data processing technology
- 676 Information services and systems
- 677 OTHER computer and information sciences

## **Conservation/Renewable Natural Resources**

- 680 Environmental science studies
- 681 Forestry sciences
- 682 OTHER conservation/renewable natural resources

- 690 **Criminal Justice/Protective Services**  
(also see 922)

## **Education**

- 701 Administration
- 702 Computer teacher education
- 703 Counselor education/guidance services
- 704 Educational psychology
- 705 Elementary teacher education
- 706 Mathematics teacher education
- 707 Physical education/coaching
- 708 Pre-elementary teacher education
- 709 Science teacher education
- 710 Secondary teacher education
- 711 Special education
- 712 Social science teacher education
- 713 OTHER education

## **Engineering**

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

# LIST A: EDUCATION CODES - Continued

## 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

## 800 Home Economics

## 810 Law/Prelaw/Legal Studies

## 820 Liberal Arts/General Studies

## 830 Library Science

## Mathematics

- 841 Applied (also see 843, 652)
- 842 Mathematics, general
- 843 Operations research
- 844 Statistics
- 845 OTHER mathematics

## 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 and biophysics
- 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

## 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
- 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

## 995 Other Fields (Not Listed)

# LIST B: JOB CODES 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*

# LIST B: JOB CODES LIST - Continued

## 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)

# **THANK YOU FOR COMPLETING THE QUESTIONNAIRE**

*Please return the completed form in the postage-paid envelope provided. If you lose the envelope and want another, or if you have any questions, please call Pat Goodman at 1-800-813-3049. Our address is:*

**Westat  
Attn: Cindy Gray, TA 2140F  
1650 Research Boulevard  
Rockville, MD 20850**