OMB NO: 3145-0177

**APPROVAL EXPIRES: April 30, 1996** 

# 1995 National Survey of Recent College Graduates

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. All information you supply will be treated as confidential and used only for research or statistical purposes, 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 entirely voluntary and failure to provide some or all the requested information will not in any way adversely affect you.

Conducted by:

Westat, Inc. Rockville, MD

for the National Science Foundation Arlington, VA

Note: The format of this survey instrument has been altered slightly to reduced 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
- 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 - Education	A4X.	Do you have a 2-year associate's degree?
A1.	In what year did you receive your high school diploma or high school equivalency certificate?  19 OR Did not finish		1□ Yes 2□ No
	YEAR high school	A5.	When you FIRST entered college to begin working on a bachelor's degree, in what field of study did you want to major?
A2.	In what state or foreign country did you last attend high school?		IF YOU WERE UNDECIDED, MARK (X) THIS BOX $\Rightarrow \Box$ AND THEN SKIP TO A7
	State: OR Foreign Country:		Major Field of Study:
4.0		A6.	Using the EDUCATION CODES (pp. 16-17) choose the code that BEST describes your first intended major.
A3.	Have you EVER taken courses at a community college?		CODE
_	ı□ Yes		NOTE - Education codes go from 601 to 995
	2□ No → SKIP to A4X	A7.	Using a 4-point scale, what was your overall UNDERGRADUATE grade point average (GPA)?
↓ A4.	(IF YES) For which of the following reasons have you taken courses at a community college.		If you have MORE THAN ONE bachelor's degree: Give your overall grade point average for your FIRST bachelor's degree
	Mark (X) Yes or No for each YES NO		Mark (X) one
	TES NO		ı□ 3.75 - 4.00 GPA (Mostly A's)
	<b>1.</b> As part of a high school advanced placement (AP) program		2□ 3.25 - 3.74 GPA (About half A's/half B's)
	2. To prepare for college/increase chances		₃□ 2.75 - 3.24 GPA (Mostly B's)
	of being accepted into college $\Box$ $\Box$		4□ 2.25 - 2.74 GPA (About half B's/half C's)
	<b>3.</b> To complete an associate's degree $_1\square$ $_2\square$		5□ 1.75 - 2.24 GPA (Mostly C's)
	4. To complete credits toward a		6□ 1.25 - 1.74 GPA (About half C's/half D's)
	bachelor's degree		$_{7}\square$ Less than 1.25 (Mostly D's or below)
	5. To gain FURTHER skills or knowledge in your academic or occupational field ₁□ 2□		$_8\square$ Have not taken courses for which grades were given
	<b>6.</b> To change your academic or occupational field		
	7. To increase opportunities for promotion/advancement/higher salary 1 2	A10.	(IF YES) How many college or university degrees do you have at the bachelor's level or higher?
	<b>8.</b> For leisure/personal interest		•
	9. Financial reasons (e.g., 4-year college too expensive, needed the money for other priorities)		L  NUMBER
	10. Other - Specify		

# A11. Starting with your MOST RECENT college or university degree, please provide the following information for each degree at the bachelor's level or higher.

If more than 3 relevant degrees, complete the grid for your two most recent degrees and your FIRST bachelor's degree

	MOST RECENT DEGREE	2ND MOST RECENT DEGREE	1ST B.A. DEGREE (If not previously reported)
a.	From which school and department did you receive this degree?	a. From which school and department did you receive this degree?	a. From which school and department did you receive this degree?
	(School Name)	(School Name)	(School Name)
	(Department)	(Department)	(Department)
	(City/Town)	(City/Town)	(City/Town)
	(State/Foreign Country)	(State/Foreign Country)	(State/Foreign Country)
b.	In what month and year was this degree awarded?	b. In what month and year was this degree awarded?	b. In what month and year was this degree awarded?
	19    MONTH YEAR	19    MONTH YEAR	19    MONTH YEAR
c.	What type of degree did you receive?	c. What type of degree did you receive?	c. What type of degree did you receive?
	Mark (X) one	Mark (X) one	Mark (X) one
	ı□ Bachelor's	ı□ Bachelor's	ı□ Bachelor's
	2□ Master's (includes MBA)	2□ Master's (includes MBA)	2□ Master's (includes MBA)
	₃□ Doctorate	3□ Doctorate	3□ Doctorate
	4□ Other professional degree (e.g., JD, LLB, THD, MD, DDS, etc.)	4□ Other professional degree (e.g., JD, LLB, THD, MD, DDS, etc.)	<ul><li>Other professional degree (e.g., JD, LLB, THD, MD, DDS, etc.)</li></ul>
	5□ Other - Specify	5□ Other - Specify	₅□ Other - Specify
d.	Using the EDUCATION CODES (pp. 16-17), select the relevant degree field code(s) and title(s).	d. Using the EDUCATION CODES (pp. 16-17), select the relevant degree field code(s) and title(s).	d. Using the EDUCATION CODES (pp. 16-17), select the relevant degree field code(s) and title(s).
	Major Field:	Major Field:	Major Field:
	CODE	CODE   _	CODE   _
	Second Major or Minor:	Second Major or Minor:	Second Major or Minor:
	CODE   _	CODE   _	CODE
e.	From which, if any, of these sources did you receive financial support for this degree?	e. From which, if any, of these sources did you receive financial support for this degree?	e. From which, if any, of these sources did you receive financial support for this degree?
	Mark (X) all that apply	Mark (X) all that apply	Mark (X) all that apply
	□ Financial support from parents/other relatives, not to be repaid	Financial support from parents/other relatives, not to be repaid	Financial support from parents/other relatives, not to be repaid
	$^2\square$ Loans from the school you attended, banks, federal or state govt.	$_2\square$ Loans from the school you attended, banks, federal or state govt.	2□ Loans from the school you attended, banks, federal or state govt.
	$_2\square$ Loans from parents or other relatives	$_2\Box$ Loans from parents or other relatives	$_2\square$ Loans from parents or other relatives
	4□ Financial assistance from your employer	$_4\Box$ Financial assistance from your employer	4□ Financial assistance from your employer
	5□ Tuition waivers, fellowships, grants, scholarships	5□ Tuition waivers, fellowships, grants, scholarships	5□ Tuition waivers, fellowships, grants, scholarships
	6□ Assistantships/Work Study	6□ Assistantships/Work Study	6□ Assistantships/Work Study
	<i>7</i> □ Earnings from employment	7□ Earnings from employment	7□ Earnings from employment
	s□ Other - <i>Specify</i>	8□ Other - Specify	8□ Other - Specify

Why weren't you taking college courses during For questions A12a and A12c, include the total amount that time period? borrowed from ALL sources (e.g., government, private lenders, parents, relatives, friends). Include loans that Mark (X) Yes or No for each have been repaid or forgiven. If your loans were consolidated, please estimate how much was borrowed for your undergraduate degrees and how much was 1. You had achieved your educational goals borrowed for your graduate degrees. (at least temporarily) ...... A12a. Thinking ONLY about undergraduate degrees **2.** You were waiting for the next school you have completed, what is the TOTAL amount term to start ......  $_1\square$ you have borrowed FROM ANY SOURCE to finance your UNDERGRADUATE degree(s)? **3.** Financial reasons (e.g., too expensive, needed the money for other priorities) . . .  $_{1}\square$  $\square$  NONE  $\rightarrow$  *SKIP to A12b* **4.** Had a job, needed to work  $\dots$  1 **b.** (IF ANY) As of the week of April 15, 1995 how much of this amount do you still owe? **5.** Had to stop due to family responsibilities (e.g., caring for children or other family members, had a baby) . . . . . . . . . . .  $_{1}\square$  $\square$  NONE **6.** Moved, could no longer take courses at the school you were attending ...... 1 A12b. Thinking ONLY about graduate degrees you have completed, what is the TOTAL amount you have 7. No longer certain of which field of borrowed FROM ANY SOURCE to finance your GRADUATE degree(s)? IF NO GRADUATE DEGREES, MARK (X) THIS BOX  $\Rightarrow \Box$ **8.** Needed a break, tired of going to school .  $\Box$ AND THEN SKIP TO A13b **9.** Other - Specify □ NONE → SKIP to A13a \_\_\_\_\_ ...... 1 **d.** (IF ANY) As of the week of April 15, 1995 how much of this amount do you still owe? A15. Have you taken any college or university courses  $\square$  NONE since the week of April 15, 1995? Questions A13a-A23 ask about college or university  $_{1}$ □ Yes → SKIP to Part B, page 5 courses you may have taken between completing your MOST recent degree and the week of April 15, 1995. 2□ No A13a. Have you COMPLETED a degree since the week of April 15, 1995?  $\square$  Yes  $\neg$  SKIP to A22, page 4 A16. (IF NO) How likely is it that you will one day take 2 No. additional college or university courses? <sup>1</sup>□ Very likely <sup>-</sup> Between completing your most recent degree A13. and the week of April 15, 1995, did you take any college or university courses or enroll in a 2□ Somewhat likely → SKIP to Part B, page 5 college or university for other reasons, such as completing a Master's or PhD? 3□ Very unlikely —  $_{1}\square$  Yes  $\rightarrow$  *SKIP to A17* 2□ No

A14.

NO

2

 $2\square$ 

 $2\square$ 

 $2\square$ 

 $2\square$ 

 $2\square$ 

 $2\square$ 

 $2\square$ 

 $2\square$ 

YES

A17.	For which of the following reasons were you taking classes or enrolled between completing your most recent degree and the week of April 15, 1995?	A20. During that time, toward what type of degree or certificate, if any, were you (or are you) working?  If working on more than onde degree, mark the highest level.
A18.	Mark (X) Yes or No for each  YES NO  ↓  ↓  1. To gain further education before beginning a career	Mark (X) one  □ No specific degree or certificate □ Bachelor's degree □ Post baccalaureate certificate □ Master's degree (including MBA) □ Post master's certificate □ Other professional degree (e.g., JD, LLB, THD, MD, DDS, etc.) □ Other - Specify □ Other - Specify □ Mark (X) all that apply □ Financial support for coursework completed during that time?  Mark (X) all that apply □ Financial support from parents/other relatives, not to be repaid □ Loans from the school you attended, banks, federal or state government □ Loans from parents or other relatives □ Financial assistance from your employer □ Tuition waivers, fellowships, grants, scholarships □ Assistantships/Work Study □ Earnings from employment □ Other - Specify
	•	

A18a. In which college or university department were

DEPARTMENT:

**Using the EDUCATION CODES (pp. 16-17)** 

choose the code that BEST describes your primary field of study during that time.

etc. (e.g., English, chemistry)?

CODE |\_\_\_|\_\_|

A19.

you primarily taking classes or doing research,

<b>422.</b>	More specifically, were you taking college or university courses DURING the week of April 15, 1995?		PART B - Employment Status
	Mark "Yes" if you were enrolled in school but on vacation that week.	B1.	At any time during the three months following the completion of your MOST RECENT degree, did
, A23.	1□ Yes 2□ No → SKIP to Part B  (IF YES) What college or university were you attending during the week of April 15?  Please DO NOT ABBREVIATE the school name	Г	you HAVE (or had you accepted) what you considered to be a "career-path" job.  A "career path" job is a job that will help you with your future career plans or a job in the field in which you want to make your career.   ¹□ Yes  ₂□ No → SKIP to B2
	School Name:		
	City/Town: State/Foreign Country:	В1а.	At any time during the three months following the completion of your most recent degree, did
<b>A24</b> .	Were you taking courses as a		you <u>accept</u> what you considered to be a "career- path" job.
	MARK (X) ONE		A "career path" job is a job that will help you with
	ı□ Part-time student?		your future career plans or a job in the field in which you want to make your career.
	2□ Full-time student?		$_{1}$ □ Yes $_{2}$ □ No → <i>SKIP to B3</i>
		B2.	$(\mbox{IF YES})$ When did you first start working for that employer
			Mark (X) one
			□ Before working on your most recent degree
			2□ While working on your most recent degree SKIP to B4
			After completing your most recent degree
		В3.	$(\mathrm{IF\ NO})$ At any time during that same 3 month period were you seeking a "career-path" job?
			ı□ Yes
			2□ No

B4.	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: Count jobs required as part of a financial aid award, such as work study or assistanships. Do not count		<ul> <li>What kind of work were you doing on this last jobthat is, what was your occupation?</li> <li>Please be as specific as possible, including any area of specialization.</li> <li>Example: High school teacher - Math</li> </ul>
	financial aid awards with no work requirement.  □ Yes → <i>SKIP to B10</i> □ No		
<b>∳</b> B5.	(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)?  □ Yes □ No		Using the JOB CATEGORIES LIST (pp. 20-21), choose the code that BEST describes the work you were doing on this last job.  CODE     - SKIP to Part C, page 12  NOTE - Job codes go from 010 to 500
B6.	What were your reasons for not working during the week of April 15?	B10.	(IF WORKING WEEK OF APRIL 15)  Counting all jobs held during the week of April 15, 1995, did you USUALLY work
	Mark (X) all that apply  □ Retired	у В10а.	A total of 35 or more hours per week → SKIP to B12  □ Fewer than 35 hours per week  (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?  □ Yes □ No
B7.	Prior to the week of April 15, 1995, when did you last work for pay (or profit)?	B11.	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  □ Retired or semi-retired  □ Year □ ► 19 □ □ □  □ Student
	IF NEVER WORKED FOR PAY (OR PROFIT), MARK (X)  THIS BOX →   AND THEN SKIP TO PART D, PAGE 12  LAST WORKED   19   19   Year		Family responsibilities  Chronic illness or permanent disability  Suitable full-time work week job not available  Did not need or want to work full-time  Other - Specify  ———————————————————————————————————

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.

## B14. Was your 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")

<ul> <li>□ A PRIVATE FOR-PROFIT company, business or individual, working for wages, salary or commissions</li> <li>□ A PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization</li> <li>□ SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm</li> <li>□ SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm</li> <li>□ Local GOVERNMENT (city, county, etc.)</li> <li>□ State GOVERNMENT</li> <li>□ U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)</li> <li>□ U.S. GOVERNMENT (civilian employee)</li> </ul>	Ма	Mark (X) one				
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)	1	A PRIVATE FOR-PROFIT company, business or individual, working for wages, salary or commissions				
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)	2					
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)	3					
<ul> <li>6□ State GOVERNMENT</li> <li>7□ U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)</li> </ul>	4					
<sup>7</sup> □ U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)	5	Local GOVERNMENT (city, county, etc.)				
Corps (e.g., USPHS, NOAA)	6	State GOVERNMENT				
8□ U.S. GOVERNMENT (civilian employee)	7					
	8	U.S. GOVERNMENT (civilian employee)				

9□ Other - *Specify* 

B15.	Was your employer an educational institution?
	ı□ Yes
	2□ No → <i>SKIP to B16</i>
<u> </u>	
B15a.	(IF EDUCATIONAL INSTITUTION) Was this educational institution a
	Mark (X) one
	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)
	$_6\square$ A university-affiliated research institute
	$7\Box$ Other - <i>Specify</i>
B12.	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

B13.	Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.	B18.	Did you record job code "141" (manager, executive, or administrator) in B17?
	MARK (X) ONE		ı□ Yes
	□ Under 10 employees		2□ No - <i>SKIP to B19</i>
	2□ 10-24 employees		
	₃□ 25-99 employees		
	4□ 100-499 employees		
	5□ 500-999 employees	B18a.	(IF YES) Did your duties on this job require
	6□ 1,000-4,999 employees		technical expertise of a bachelor's degree or higher in
	$7\Box$ 5,000+ employees		Mark (X) Yes or No for each
B16.	<ul> <li>What kind of work were you doing on your principal job held during the week of April 15, 1995that is, what was your occupation?</li> <li>Please be as specific as possible, including any area of specialization.</li> </ul>		YES NO ↓ 1. Engineering, computer science, math, or the natural sciences,
	Example: High school teacher - Math		3. Some other field (for example, health or business) - <i>Specify</i> ₁□ ₂□
B17.	Using the JOB CATEGORIES LIST (pp. 18-19), choose the code that BEST describes the work you were doing on your principal job during the week of April 15.	B19.	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   Year
		B20.	As of the week of April 15, were you licensed of certified in your occupation?  Do NOT include academic degrees (e.g., BA, MA, PhD)  1 Yes
			2□ No

B21.	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	on act	e next question is about your work activities your principal job. Which of the following work tivities occupied 10 percent or more of your ne during a TYPICAL work week on this job?
	Mark (X) one	Ма	ark (X) Yes or No for each YES NO
	□ Closely related——	1.	Accounting, finance, contracts $1 \square$
	SKIP to B24 2□ Somewhat related □		Applied research - study directed
_	₃□ Not related		toward gaining scientific knowledge to meet a recognized need
		3.	Basic research - study directed toward gaining scientific knowledge primarily for its own sake
B22.	(IF NOT RELATED) Did these factors influence your decision to work in an area OUTSIDE OF	4.	Computer applications, programming, systems development
	YOUR HIGHEST DEGREE FIELD?  Mark (X) Yes or No for each	5.	Development - using knowledge gained from research for the production of materials, devices
	YES NO ↓ ↓	6.	Design of equipment, processes, structures, models
	<b>1.</b> Pay, promotion opportunities $_{1}\square$ $_{2}\square$	7.	Employee relations - including recruiting, personnel development,
	2. Working conditions (hours, equipment, working environment)		training 1 2
			Managing and supervising 1 2
	<ul><li>3. Job location</li></ul>	9.	Production, operations, maintenance (e.g., truck driving, machine tooling or auto/machine repairing)
	interests	10.	Professional services (health care, counseling, financial services,
	<b>5.</b> Family-related reasons (children, spouse's job moved)		legal services, etc.) 1 2
	<b>6.</b> Job in highest degree field	11.	Sales, purchasing, marketing, customer service, public relations
	not available 1 2	12.	Quality or productivity management $_1\Box$ $_2\Box$
	7. Other reason - <i>Specify</i>	13.	Teaching $_1\square$ $_2\square$
	1 2	14.	Other - Specify
			1□ 2□
B23.	Which TWO factors in B22 represent your MOST important reasons for working in an area outside of your HIGHEST degree field? Enter number of appropriate REASON from B22 above.	MC Ent	n which TWO activities in B24 did you work the DST hours during a typical week on this job? ter number of appropriate ACTIVITY from B24 ove.
	1.    MOST important reason	1.	Activity MOST hours
	2.    SECOND MOST important reason (Enter "0" if no second most)	2.	Activity SECOND MOST hours (Enter "0" if no second most)

B26.	your principal job held during the week of April 15, 1995?	В29а.	Including paid vacation and paid sick leave, on how many weeks per year was your salary based?
	ANSWER "YES" IF: You assigned duties to workers AND recommended or initiated personnel actions such as hiring, firing, or promoting		Number of Weeks Per Year
	TEACHERS: Do NOT count students  □ Yes	B30.	During the week of April 15, was any of your work on this job supported by CONTRACTS OR GRANTS from the U.S. government?
	2□ No → <i>SKIP to B28</i>		FEDERAL EMPLOYEES: Please answer "No"  Mark (X) one  □ Yes
B27.	(IF YES) How many people did you typically Number Supervised		2□ No SKIP to B32, page 10 8□ Don't Know
	<ol> <li>supervise DIRECTLY?</li></ol>	B31.	(IF YES) Which Federal agencies or departments were supporting your work?
	subordinate supervisors?		Mark(X) all that apply
			□ Agency for International Development (AID)
B28.	Before deductions, what was your basic ANNUAL salary on this job as of the week of April 15, 1995?		2□ Agriculture Department 3□ Commerce Department
	• Do NOT include bonuses, overtime, or additional compensation for summertime teaching or research		<ul> <li>4□ Defense Department (DOD)</li> <li>5□ Department of Education (include NCES, OERI, FIPSE, FIRST)</li> </ul>
	• IF NOT SALARIED: Please estimate your earned income, excluding business expenses		6□ Energy Department (DOE)
			7☐ Environmental Protection Agency (EPA)
	\$00  Basic Annual Salary/Earned Income		<ul> <li>8□ Health and Human Services Department (EXCLUDING NIH)</li> </ul>
B29.	During a typical week on this job, how many		9□ Interior Department
	hours did you usually work?		<ul><li>National Aeronautics and Space Administration (NASA)</li></ul>
	Number of Hours Per Week		11□ National Institutes of Health (NIH)
	EEKS. Was your salary based on a full year, that weeks, or something less than 52 weeks?		12□ National Science Foundation (NSF)
-,	$_{1}$ □ 52 weeks $\rightarrow$ <i>SKIP TO B30</i>		Transportation Department (DOT)
	2□ Something else → <i>GO TO B29a</i>		14□ Other - Specify

# The following 3 questions provide information

	The	following 3 questions provide information for the U.S. Department of Energy	B35.	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?
B32.	the	om the following list of selected areas, indicate ONE area, if any, to which you devoted the OST hours during a typical week on this job.		ı□ Yes
	Ma	rk (X) one		$_2$ □ No → SKIP to Part C, page 11
	- 1□	Energy or Fuel		
	2□	Environment		
	3□	Food or Agriculture	B36.	(IF YES) What kind of work were you doing at
	4□	Haalth an Cafata		your second job during the week of April 15
	5	National Defense		that is, what was your occupation? Please be
	6□	Transportation		as specific as possible, including any area of specialization.
	7	NONE OF THE ABOVE		•
+				Example: High school teacher - Math
B33.	ind the	ENERGY OR FUEL) From the following list, licate the ONE ENERGY SOURCE that involved largest proportion of your energy-related rk during the past year.		IF YOU HAD MORE THAN TWO JOBS THAT WEEK answer for the job where you worked the second most hours
	Ма	rk (X) one		
	1	Coal		
	2	Petroleum and natural gas		
	3	Nuclear fission		
	4	Nuclear fusion		
	5	Hydroenergy	D27	Using the IOP CATEGORIES LIST (no. 19.10)
	6	Other Renewables (such as solar, biomass, wind, geothermal)	B37.	Using the JOB CATEGORIES LIST (pp. 18-19), choose the code that BEST describes the work you were doing on your second job during the
	7	Other energy source - Specify		week of April 15.
B34.	EN lar	om the following list, indicate the ONE ERGY-RELATED ACTIVITY that involved the gest proportion of your energy-related work ring the past year.		CODE   _
	Ma	rk (X) one		
	1	Exploration and extraction		
	2	Manufacture of energy-related equipment	B39.	To what extent was your work on this second
	3	Fuel processing (include refining and enriching)		job related to your HIGHEST degree field? Was
	4	Electric power generation and transmission		it
	5	Transportation and distribution of fuel		Mark (X) one
	6	Waste management or decommissioning		
	7	Conservation, utilization, management, or storage of energy or fuel		□ Closely related
	8	Environment, health, and safety		2□ Somewhat related
	9	Other energy-related activity - Specify		₃□ Not related

PART C.	. Other	Work.	.Related	Information

PART C - Other Work-Related Information			C5. (IF YES) During the past year, in which of the following areas did you attend work-related				
C1.	Since completing your (first) bachelor's degree, how many years of professional work experience have you had		workshops, seminars, or other work-related training activities?  Mark (X) Yes or No for each				
	IF NONE OR LESS THAN HALF A YEAR: Enter "0"		YES ↓	NO ↓			
	Number of Years		1. Management or supervisor training	2			
	<b>1.</b> Full-time		<ol> <li>Training in your occupational field</li></ol>	2			
	<b>2.</b> Part-time		public speaking, business writing)	2			
			<b>4.</b> Other work-related training - <i>Specify</i>				
				2			
C2.	During the past year, did you attend any professional society or association meetings or conferences?	C6.	For which of the following reasons did you att training activities during the past year?	tend			
	Include regional, national or international meetings  □ Yes		Mark (X) Yes or No for each YES	NO			
	2□ No		1. To facilitate a change in your occupational field	2□			
			2. To gain FURTHER skills or knowledge in your occupational field □	2			
C3.	To how many national or international professional societies or associations do you currently belong?		<b>3.</b> For licensure/certification	2			
			<b>4.</b> To increase opportunities for promotion/advancement/higher salary □	2			
	Number    OR □ NONE		5. To learn skills or knowledge needed for a recently acquired position	2			
			<b>6.</b> Required or expected by employer	2			
C4.	During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-related training activities?		7. Other - <i>Specify</i>	2			
	Do NOT include college courses						
	Do NOT include professional meetings unless you attended a special training session conducted at the meeting/conference	C7.	What was your most important reason for attending training activities? Enter number of appropriate REASON from C6 above.	f			
	$ \Box \text{ Yes} \rightarrow \textbf{GO to C5} $ $ \Box \text{ No. SVIB to Bant D. nage 13} $		MOST IMPORTANT REASON				
	2 □ No → SKIP to Part D, page 13		MOST IMI OKTANI KEASON				

C5.

#### PART D: BACKGROUND INFORMATION

PART D: BACKGROUND INFORMATION			COMPLETED by your mother or female guardian?			
D1.	What is your birthdate?			Mark (X) One		
	_    19				Mother (Female Guardian)	
			1.	Less than high school diploma	1	
			2.	High school diploma or equivalent	1	
D2.	In what U.S. state or territory were you outside the United States: Record cour	ntry)	3.	Some college, vocational or trade so (including 2-year degrees)	chool ₁□	
	State/Territory:OR		4.	Graduated from a 4-year college (Bachelor's degree)	ı□	
	Foreign Country:		5.	At least some graduate or profession school	nal ı□	
			6.	Don't know	1	
	COMPLETED by your father or maguardian?  Mark (X) One  (Ma	Father le Guardian)		□Yes □No → <i>SKIP to D7</i>		
	1. Less than high school diploma	1		Which of the following categorie describes your Hispanic descen		
	2. High school diploma or equivalent	1		F MORE THAN ONE CATEGORY		
	<b>3.</b> Some college, vocational or trade school (including 2-year degrees)	1		select the ONE you consider the most part of your background	important	
	<b>4.</b> Graduated from a 4-year college (Bachelor's degree)	1		Mark (X) one  ☐ Mexican, Mexican-American, Chi	icano	
	<b>5.</b> At least some graduate or professional school	1		□ Puerto Rican		
	6. Don't know	1	3	□ Cuban		
			4	☐ Some other Hispanic descent - <i>Spe</i>	ecify	

D4MOM.

What is the HIGHEST level of education

υ'n.	Are you:	D12.	in the United States or one of its territories, or
	Mark (X) one		were you living in another country?
	ı□ White		□ United States or one of its territories
	2□ Black/African American		2□ Another country
	3□ Asian or Pacific Islander		
	4□ American Indian or Alaskan Native (Eskimo, Aleut)	D13.	During the week of April 15 were you:
	5□ Other - <i>Specify</i>		Mark (X) one
			<ul> <li>1□ Married → GO to D14</li> <li>2□ Widowed</li> </ul>
			3□ Separated
D8.	Are you:		4□ Divorced → SKIP to D16
	ı□ Male		5□ Never Married
	2□ Female	D14.	(IF MARRIED) <b>During the week of April 15</b> ,
D9.	During the week of April 15, 1995, were you a		was your spouse working for pay (or profit) at a full-time or part-time job?
	Mark (X) one		1□ Yes, full-time
	ı□ A U.S. Citizen?		<ul> <li>Yes, part-time</li> <li>No → SKIP to D16</li> </ul>
	2□ Not a U.S. citizen? - Skip to D9_2		3L NO - SAIF TO DIO
D9_1.	(IF U.S. CITIZEN) Were you	Ď15.	(IF YES) Did your spouse's duties on this job require technical expertise of a bachelor's degree or higher in
	Mark (X) one		Mark (X) Yes or No for each
	□ A native-born citizen? - <i>Skip to D12</i>		YES NO
	2□ A naturalized citizen? - <i>Skip to D12</i>		1. Engineering, computer science, math or the natural sciences
D9_2.	(IF NON-U.S. CITIZEN) Did you have/Were you		2. The social sciences
	Mark (X) one		3. Some other field (e.g., health or
	3□ A Permanent U.S. Resident Visa?		business) - <i>Specify</i> 1 2
	4□ A Temporary U.S. Resident Visa?		
	5□ Living outside the United States?		
D10.	(IF NON-U.S. CITIZEN) Of which country are you a citizen?		
	COUNTRY		

D16.	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		
	2□ No → SKIP to D18, page 14		
Ď17.	(IF YES) How many of these children living with you as part of your family were		
	IF NO CHILDREN IN A CATEGORY: Enter "0"		
	Number of Children		
	1. Under 2		
	<b>2.</b> Aged 2-5		
	<b>3.</b> Aged 6-11		
	<b>4.</b> Aged 12-17		
	<b>5.</b> Aged 18 or older		

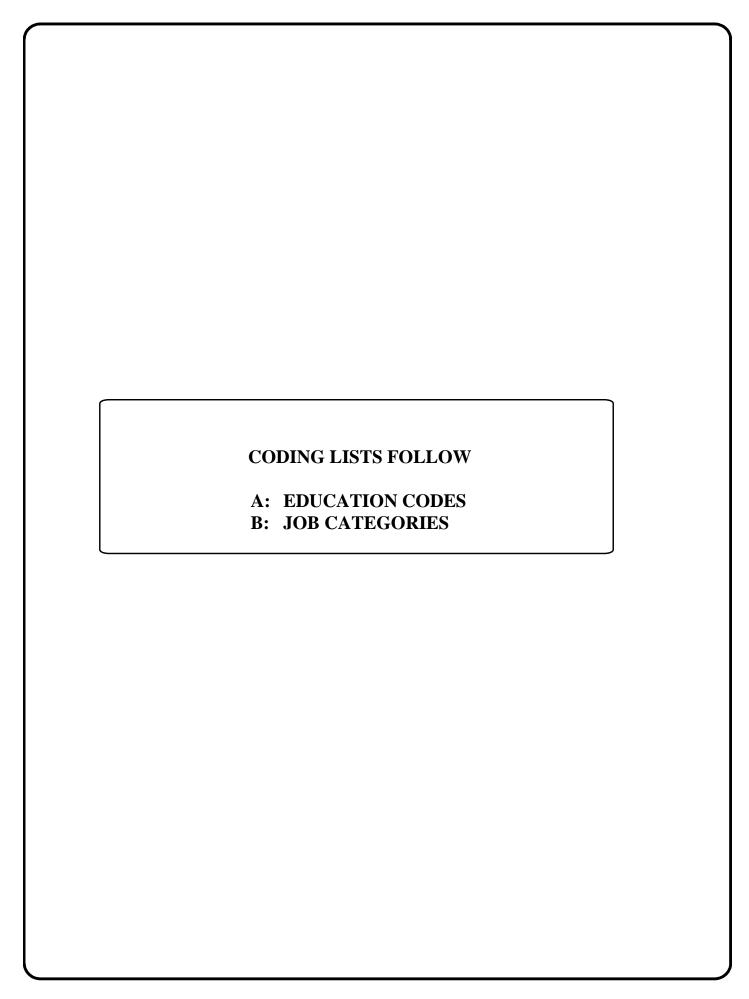
PLEASE GO TO D18 (Page 16)

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

D18. What is the USUAL degree of difficulty you have with . . .

			MARK (X) ONE FOR EACH			
		None	Slight	Moderate ↓	Severe	Unable to Do
	<ol> <li>SEEING words or letters in ordinary newsprint (with glasses/contact lenses if you usually wear them) .</li> </ol>	1□	2□	3□	4□	5□
	2. HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)	1□	2	3	4□	5
	3. WALKING without human or mechanical assistance or using stairs	1	2	3□	4	5□
	<b>4.</b> LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries	1□	2	3□	4	5
D19.	If you answered "None" TO ALL ACTIVITIES in D1	8, Mark (X)	this box →	₀□ and SKIP	to D20.	
	What is the earliest age at which you FIRST begar	n experienci	ng ANY di	fficulties in a	ny of thes	e areas?
	AGE    OR ₀□ Since birth					
D20.	In case we need to clarify some of the information can be reached.	you have p	rovided, p	lease list a pl	hone num	ber where yo
	Area Code Number <b>DAYTIME</b>         -       -	EVENING	Area Co i    -		Number 	
D21.	Since we are interested in how education and empley 1997. To help us contact you, please provide the likely to know where you can be reached. DO NO	name, addre	ess, and te	lephone num	ber of so	meone who is
	As with all the information provided in this questionnaire, co- contacted if we have trouble contacting you in 1997.	mplete confid	entiality will	oe provided. Th	nis person w	vill only be
	First Name MI	Last Name				
	Number and Street					
	City/Town			State	ZIP (	Code
	Country (If outside U.S.)					
	Area Code Telephone Number					

PLEASE TURN TO THE BACK COVER



## LIST A: EDUCATION CODES

This EDUCATION CODES 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.

**Computer and Information Sciences** 

**Agriculture Business and Production** 

	Agriculture, economics (also see 655 and 923) OTHER, agricultural business and production	671 672	Computer programming
		673	Computer science (also see 727)
	A aminutarinal Calamana	674	Computer systems analysis
005	Agricultural Sciences	675	Data processing technology
	Animal sciences		Information services and systems
	Food sciences and technology (also see 638)	677	OTHER, computer and information sciences
	Plant sciences (also see 633)		
608	OTHER, agricultural sciences		Conservation/Renewable Natural Resources
		680	
		681	
610	Architecture/Environmental Design	682	OTHER, conservation/renewable natural resources
	(for architectural engineering, see 723)		
		690	Criminal Justice/Protective Services (also see 922)
620	Area/Ethnic Studies		
		704	Education
			Administration
	Biological/Life Sciences		Computer teacher education
631			Counselor education/guidance services
632		704	Educational psychology
633			Elementary teacher education
634		706	
635		707	
636			Pre-elementary teacher education
637	Microbiology	709	
638	Nutritional sciences (also see 606)	710	Secondary teacher education
639	Pharmacology, human and animal (also see 788)		Special education
640			Social science teacher education
641 642		/13	OTHER, education
			Engineering
		721	Aerospace, aeronautical, astronautical engineering
	Business Management/Administrative Services	722	Agricultural engineering
651	Accounting		Architectural engineering
652	Actuarial science	724	
653	Business administration and management	725	Chemical engineering
654	Business, general	726	
655	Business/managerial economics (also see 601 and 923)	727	
656	Business marketing/marketing mgmt.	728	Electrical, electronics, communications engineering
657	Financial management		(also see 751)
658	Marketing research	729	
843	Operations research	730	Environmental engineering
659	OTHER, business management/admin. services	731	General engineering
	•	732	Geophysical engineering
		733	Industrial engineering (also see 752)
	Communications	734	
661	Communications, general	735	
662		736	Metallurgical engineering
663	OTHER, communications	737	Mining and minerals engineering
		738	9 9
		739	
		740	Petroleum engineering

741 OTHER, engineering

# LIST A: EDUCATION CODES (CONTINUED)

752 753 754	Industrial production technologies Mechanical engineering-related technologies OTHER, engineering-related technologies  Languages, Linguistics, Literature/Letters English Language and Literature/Letters	871 872 631 873 874 680 875 876	Atmospheric sciences and meteorology Biochemistry Chemistry Earth sciences Environmental science studies Geology Geological sciences, other
	OTHER, foreign languages and literature	878 879	Physics
	Health Professions and Related Sciences		
781 782	Audiology and speech pathology Health services administration	901	Psychology Clinical
783			Counseling
784	Health/medical technologies	704	
785	Medical preparatory programs (e.g., pre-dentistry,	893	
00	pre-medical, pre-veterinary)	894	
786	Medicine (e.g., dentistry, optometry, osteopathic,	895	
•	podiatry, veterinary)	896	
787	Nursing (4 years or longer program)	897	
788	Pharmacy (also see 639)		71 7 07
789	Physical therapy and other rehabilitation/		
	therapeutic services		Public Affairs
790	Public health (including environmental health	901	Public administration
	and epidemiology)	902	
791	OTHER, health/medical sciences	903	OTHER, public affairs
200	Home Economics		
,00	Tiome Economics	910	Social Work
310	Law/Prelaw/Legal Studies	0.0	oodiai ironk
320	Liberal Arts/General Studies		Social Sciences and History
		921	Anthropology and archeology
330	Library Science	922	
		923	,
	Mathematics	924	
		925	,
	Mathematics, general	926	
343		927	
	Statistics	928	
345	OTHER, mathematics	929	
350	Parks, Recreation, Leisure, and Fitness Studies	930	OTHER, social sciences
	Philosophy Polician and Theology		Visual and Performing Arts
061	Philosophy, Religion, and Theology	941	
	Philosophy of science	942	
002	OTHER, philosophy, religion, theology	943	
		944	,
		•	,

995 Other Fields - Not Listed

### LIST B: JOB CATEGORIES

This JOB CODES 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**

- Agricultural and food scientists
- 022 Biochemists and biophysicists
- 023 Biological scientists (e.g., botanists, ecologists, zoologists)
- 024 Forestry, 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 Éngineering)
- 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 engineers
  - 083 Agricultural engineer
  - 084 Bioengineering & biomedical engineers
  - 085 Chemical engineer
  - 086 Civil, including architectural & sanitary engineers

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

- 141 Top and mid-level managers, executives, administrators (people who manage other managers)
- All other managers, including the self-employed Use the code that comes closest to the field you manage

### LIST B: JOB CATEGORIES (CONTINUED)

#### Management-Related Occupations (Also see 141)

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

#### **Mathematical Scientists**

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

#### **Physical Scientists**

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

- 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
- 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**

- 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)

D22.	Is the name and address information on the label the best one for us to use for any future mailings?				
	₁ ☐ Yes				
	No → Please make name and address changes as needed below. Please print clearly.				
	First name	Middle initial	Last nam	е	
	Number and street/Apt. No.	City/town	State	ZIP Code Plus 4	
		Country (if not U.S.)			
THANK YOU FOR COMPLETING THE QUESTIONNAIRE					

Please return the completed form in the envelope provided. If you have questions, please call Lynn Goodman at 1-800-937-8283. Our address is:

Westat, Inc. 1650 Research Boulevard Rockville, MD 20850 Attn: Cindy Gray