OMB No.: 3145-0077

Expires: April 30, 1994



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 provide will be treated as confidential and will be used for statistical purposes only. Information will be released only in the form of statistical summaries from which it will be impossible to identify any particular person. Your response is entirely voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.

Conducted by:

Westat, Inc. Rockville, MD

for the National Science Foundation Washington, DC

Note: The format of this survey instrument has been altered slightly to reduce download time.

INSTRUCTIONS

Thank you for taking the time to complete this important questionnaire. The 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, 1993 when answering most questions
- If no "SKIP" instruction is provided, you should continue to the NEXT question
- · Either a pen or pencil may be used
- When answering questions that require marking a box, please use an "X"
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out

Thanks again for your help, we really appreciate it.

PART A: EDUCATION

A1.	In what year did you receive your high school diploma or high school equivalency certificate? 19 OR	A4X.	Do you have a 2-year associate's degree? □ Yes □ No
A2.	In what state or foreign country did you last attend high school? State: OR Foreign Country: Office Use Only	A5.	When you FIRST entered college to begin working on a bachelor's degree, in what field of study did you want to major? MARK (X) THIS BOX IF YOU WERE UNDECIDED AND THEN SKIP TO A8 Major Field of Study:
A3.	Have you EVER taken courses at a community college?	A6.	Using the EDUCATION CODES (List A, pages 15-16) choose the code that BEST describes your first intended major.
+)))	ı□ Yes		CODE
* * * * * *	2□ No) ➤ SKIP TO A5	A7.	Using a 4-point scale, what was your overall UNDERGRADUATE grade point average (GPA)?
А4.	(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 BA degree.
	MARK (X) YES OR NO FOR EACH YES NO		MARK (X) ONE
	* *		$_{1}\square$ 3.75 - 4.00 GPA (Mostly A's)
	a. To complete a high school equivalency		$_2\square$ 3.25 - 3.74 GPA (About half A's/half B's)
	certificate (e.g., GED) $_{1}\square$ 2 \square		3□ 2.75 - 3.24 GPA (Mostly B's)
	b. As part of a high school advanced		$4\square$ 2.25 - 2.74 GPA (About half B's/half C's)
	placement (AP) program 1 2		5 1.75 - 2.24 GPA (Mostly C's)
	c. To prepare for college/increase chances of being accepted into college $\dots \dots \square$		6□ 1.25 - 1.74 GPA (About half C's/half D's) 7□ Less than 1.25 (Mostly D's or below)
	d. To complete an associate's degree \dots 1 \square 2 \square		 7□ Less than 1.25 (Mostly D's or below) 8□ Have not taken courses for which grades were given
	e. To complete credits toward a bachelor's degree		
	f. To acquire FURTHER skills or knowledge	A9.	Do you have a bachelor's or higher degree?
	in my academic or occupational field $_1\Box$ $_2\Box$	+))	ı□ Yes
	g. To help facilitate a change in my academic or occupational field $_1\square$ $_2\square$	* * *	2□ No) ► SKIP TO B4 (PAGE 5)
	h. To increase opportunities for promotion/advancement/higher salary $_1\Box$ $_2\Box$	A10.	(IF YES) How many college or university degrees do you have at the bachelor's level or higher?
	i. For leisure/personal interest		,
	j. Other (Specify:		NUMBER
) 1 2		

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 did you receive this degree?	a. From which school did you receive this degree?	a. From which school did you receive this degree?
	(School Name)	(School Name)	(School Name)
	(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?
	MONTH YEAR	19 MONTH YEAR	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.)	4□ Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)
	5□ Other (<i>Specify</i>):	$5\Box$ Other (Specify):	$5\Box$ Other (<i>Specify</i>):
d.	Using the EDUCATION CODES (List A: pages 15-16), select the relevant degree field code(s) and title(s).	d. Using the EDUCATION CODES (List A: pages 15-16), select the relevant degree field code(s) and title(s).	d. Using the EDUCATION CODES (List A: pages 15-16), 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
	$_{1}\Box$ Financial support from parents/other relatives,	$_1\Box$ Financial support from parents/other relatives,	□ Financial support from parents/other relatives,
	not to be repaid	not to be repaid	not to be repaid
	2 Loans from the school you attended, banks, federal or state govt.	2□ Loans from the school you attended, banks, federal or state govt.	2□ Loans from the school you attended, banks, federal or state govt.
	2□ Loans from parents or other relatives	2☐ Loans from parents or other relatives	2☐ Loans from parents or other relatives
	4□ Financial assistance from your employer	4 Financial assistance from your employer	4□ Financial assistance from your employer
	s□ 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
	7□ Earnings from employment	7 Cther (Specific)	7 Char (Specific)
	\mathbb{S} Other (Specify):	$s\Box$ Other (Specify):	\mathbb{S} Other (<i>Specify</i>):
			·

A 12a.	completed, what is the TOTAL amount you have borrowed FROM ANY SOURCE to finance your UNDERGRADUATE degree(s)?	A130.	than courses in a college or university, for example, Ph.D. research?
•	Include total amount borrowed from ALL sources, (e.g., government, private lenders, parents, relatives, friends). INCLUDE LOANS THAT HAVE BEEN REPAID OR FORGIVEN.	A13d.	Yes No MARK (X) HERE IF YOU ANSWERED "YES" TO A15
a.	\$OR		OR A15a, THEN SKIP TO A19
	□ NONE) ► SKIP TO A13		
b.	(IF ANY) As of the week of April 15 how much of this amount do you still owe?	A14.	Why weren't you taking college courses during that time period?
	\$OR		MARK (X) YES OR NO FOR EACH YES NO * *
	□NONE		▼ ▼
A12c.	Thinking ONLY about degrees you have completed, what is the TOTAL amount you		 a. I had achieved my educational goals (at least temporarily)
	have borrowed FROM ANY SOURCE to finance your GRADUATE degree(s)?		b. I was waiting for the next school term to start
	MARK (X) THIS BOX IF NO GRADUATE DEGREES, THEN SKIP TO A14		c. Financial reasons (e.g., too expensive, needed the money for other priorities) $_1\Box$ $_2\Box$
•	Include total amount borrowed from ALL sources, (e.g., government, private lenders, parents, relatives, friends).		d. Had a job, needed to work $1 \square 2 \square$
a.	INCLUDE LOANS THAT HAVE BEEN REPAID OR FORGIVEN. \$OR		e. Had to stop due to family responsibilities (e.g., caring for children or other family members, had a baby)
u.	□ NONE) ➤ SKIP TO A14		f. Moved, could no longer take courses at
b.	(IF ANY) As of the week of April 15 how much of this amount do you still owe?		the school I was attending $_1\Box$ $_2\Box$ g. No longer certain of which field of
	\$OR		study I wanted to pursue
	□NONE		h. Needed a break, tired of going to school . $_1\Box$ $_2\Box$
	ns A13a-A24 ask about college or university you may have taken between completing your		i. Other (Specify:
	ecent degree and the week of April 15, 1993.) 1 2
A13a.	Have you <u>completed</u> a degree since the week of April 15, 1993?	A15.	Have you taken any college or university courses since the week of April 15, 1993?
1	Yes) • SKIP TO A22 (PAGE 4)		□ Yes) ► SKIP TO PART B (PAGE 5)
+))) ₂	No	+))) *	2□ No
*		*	
A13b.	Between completing your most recent degree and the week of April 15, 1993, did you take any college or university courses?	A16.	(IF NO) How likely is it that you will one day take additional college or university courses?
1	Yes		Very likely))))), * ** ** ** ** ** ** ** **
. □	No		2□ Somewhat likely /) ► SKIP TO PART B * (PAGE 5)
2L_	140		3□ Very unlikely *))))))-

A17.	For which of the following reasons were you enrolled in a college or university or did you take college courses between completing your most recent degree and the week of April 15?			A21.	From which of these sources did you receive financial support for coursework completed during that time? MARK (X) ALL THAT APPLY		
		ARK (X) YES OR NO FOR EACH YES	NO		1	Financial support from parents/other	
		* ▼	*		2	relatives, not to be repaid Loans from the school you attended, banks,	
	a.	To acquire further education before beginning a career □	2			federal or state government	
	b.	To prepare for graduate school $\dots \dots \square$	2		3	Loans from parents or other relatives	
	c.	To facilitate a change in my academic or occupational field □	2		4	Financial assistance from your employer	
	d.	To acquire FURTHER skills or knowledge in my academic or occupational field	2		5	Tuition waivers, fellowships, grants, scholarships	
	e.	For licensure/certification	2		6	Assistantships/Work Study	
	f.	To increase opportunities for			7	Earnings from employment	
		promotion/advancement/higher salary	2		8	Other (Specify:	
	g.	Required or expected by employer $\ldots \ldots$ $_1\square$	2)	
	h.	For leisure/personal interest	2				
	i.	Other (Specify:					
A18.	What was your primary field of study during that time?			 A22. More specifically, were you taking college or university courses during the week of April 15, 1993? Mark "Yes" if you were enrolled in school 			
	Ш	MARK (X) THIS BOX IF NO PRIMARY FIELD OF STUI	DY AND		DI	ut on vacation that week	
	D.:	THEN SKIP TO A22		+)))	1 \(\)	Yes	
	—	mary Field of Study:		* * * *	2 N	No) ► SKIP TO PART B (PAGE 5)	
A19.	Using the EDUCATION CODES (List A, pages 15-16) choose the code that BEST describes your primary field of study during that time.			A23.	atte	YES) What college or university were you nding during the week of April 15?	
		_ _ CODE			• Pl	Please DO NOT ABBREVIATE the school name	
A20.	To we	oward what type of degree, if any, are you ere you) working during that time?	(or		Nam	ne:	
	M	ARK (X) ONE			(City	//Town) (State/Foreign Country)	
	1	NO SPECIFIC DEGREE					
	2	Bachelor's					
	3	Master's (including MBA)		A24.	Wer	e you taking courses as a:	
	4					,	
	5	Other professional degree (e.g., JD, LLB, ThD, MD, DDS, etc.)				Part-time student? Full-time student?	
	6	Other degree (Specify:			∠⊔ I	an an order.	

PART B: EMPLOYMENT STATUS

n this section we will be asking about your mployment status at two points in time: (1) mmediately after you received your most recent egree, and (2) during a nore recent timethe week of April 15, 1993.

B1.	At any time during the 3 months following the completion of your MOST RECENT degree, did 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				

+)))	1	Yes
*		
*	2	No) ► SKIP TO B3
*	2	110) 51111 10 23
*		
*		
*		
*		
*		
*		

MADIZ (M) ONE

B2. (IF YES) When did you first start working for that employer...

MARK (X) ONE	
. ,)),
¹ □ While you were working on	*
your most recent degree	*
	*
2□ Prior to working on your mo	•
recent degree	*
	*
3□ After completing your most	*
recent degree	*

B3. $(IF\ NO)$ At any time during that same 3 month period were you seeking a "career-path" job?

1	Yes
2	No

- Were you working for pay (or profit) during the week of April 15, 1993? This includes being selfemployed or temporarily absent from a job (e.g., illness, vacation, or parental leave), even if unpaid. If you were a STUDENT: count jobs required as part of a financial aid award (e.g., work study/assistantships), but do NOT count financial aid awards with no work requirement ¹□ Yes) • SKIP TO B10 (PAGE 6) 2□ No (IF NO) Did you look for work at any time during the four weeks preceding April 15? ı□ Yes 2□ No B6. What were your reasons for not working during the week of April 15? MARK (X) ALL THAT APPLY 1□ Retired 2□ On layoff from a job ₃□ Student 4□ Family responsibilities 5□ Chronic illness or permanent disability 6□ Suitable job not available $\neg\Box$ Did not need or want to work $B\square$ Other (*Specify*:
 - 37. In what month and year did you last work for pay (or profit)?

	MARK THIS BOX (X) IT you have NEVER worked			
	for pay (or profit) and then SKIP TO PART D (PAG	E 12)		
LA	ST WORKED: 19 Month Year			

B8.	What kind of work were you doing on your last jobthat is, what was your occupation? Please be as specific as possible, including any area of specialization. • Example: High school teacher - Math	PRIN	se answer the next series of que ICIPAL job held during the week cond job, if held, will be covered	of April 15, 1993.
B9.	Using the JOB CODES (List B, pages 17-18), choose the code that BEST describes the work you were doing on your last job. CODE) > SKIP TO PART C (PAGE 11)	B12.	Who was your principal employ week of April 15? • If you had more than one job that principal employer is the one for withe most hours that week Employer Name: City/Town: State/Foreign Country:	t week - Your hom you worked
B10.	(IF WORKING WEEK OF APRIL 15TH) Counting all jobs held during the week of April 15, were you employed full-time or part-time?	B13.	Was your employer an education	onal institution?
+)) * * *	FULL-TIME (usually worked a total of 35 or more hours per week)) ➤ SKIP TO B12 PART-TIME (usually worked less than 35 hours per week)	+)))) * * * * * * * *	 1□ Yes 2□ No) ➤ SKIP TO B15 (PAGE 7) 	
* * *		¥ В14.	(IF YES) Was the educational in	stitution
т В11.	(IF PART-TIME) What were your reasons for working part-time rather than full-time during the week of April 15?		MARK (X) ONE □ An elementary, middle, or secondary school or system), * * *
	MARK (X) ALL THAT APPLY □ Retired or semi-retired) • 19 YEAR		2□ A 2-year college, junior college, technical institute	* * * *
	2□ Student		3□ A 4-year college or university, other than a medical school	* * *
	₃☐ Family responsibilities		4□ A medical school (including	* * / SKIP TO B1
	4□ Chronic illness or permanent disability		university-affiliated hospital or medical center)	* (PAGE 7) *
	5□ Suitable full-time job not available		5□ A university-affiliated research institute	* * *
	 6□ Did not need or want to work full-time 7□ Other (Specify: 		6□ Other (Specify:	* * * *
)			*) *) -

B15.	(IF NOT EDUCATIONAL INSTITUTION) Was your employer	B18.	Did you record job code "141" in B17? □ Yes
	MARK (X) ONE	* *	100
	□ A PRIVATE FOR PROFIT company, business or individual, working for wages, salary or commissions	* * * *	2□ No) ► SKIP TO B20
	2□ A PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization	* * * *	
	3□ SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm	т В19.	(IF YES) Did your duties on this job require
	4□ SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm		technical expertise equivalent to at least a bachelor's degree in
	5□ Local GOVERNMENT (city, county, etc.)		a. Engineering, computer science, math, or the natural sciences, □ Yes □ 2□ No
	6□ State GOVERNMENT		b. The social sciences
	¬□ U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)		- 1.0 sound sounds
	8□ U.S. GOVERNMENT (civilian employee)		
	9□ Other (<i>Specify</i> :		
		B20.	In some occupational areas, licensing or certification is recommended or required. As of the week of April 15, were you licensed or certified in your occupation?
B16.	What kind of work were you doing on your		Do not include academic degrees
	principal job held during the week of April 15that is, what was your occupation? Please be as specific		MARK (X) ONE
	as possible, including any area of specialization.Example: High school teacher - Math		o□ Licensure, certification not recommended or required
			ı□ Yes
			2□ No
B17.	Using the JOB CODES (List B, pages 17-18), choose the code that BEST describes the work you were doing on your principal job during the week of April 15.		
	CODE (NOTE: Job codes go from 010 to 500)		

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			B24. The next question is about your work activities your principal job. Did the following work activities occupy 10 percent or more of your tim during a TYPICAL work week on this job?				
			M	ARK (X) YES OR NO FOR EACH				
	MARK (X) ONE			YES	NO			
	ı□ Closely related) ► SKIP TO B24			* ▼	*			
	2□ Somewhat related) ➤ SKIP TO B24		a.	Accounting, finance, contracts	2			
+)) *	₃□ Not related		b.	Applied research - study directed toward gaining scientific knowledge to meet a recognized need	2			
* * *			c.	Basic research - study directed toward gaining scientific knowledge primarily for its own sake	2			
B22.	(IF NOT RELATED) Did these factors influence your decision to work in an area OUTSIDE OF		d.	Computer applications, programming, systems development	2			
	YOUR HIGHEST DEGREE FIELD? MARK (X) YES OR NO FOR EACH		е.	Development - using knowledge gained from research for the production of materials, devices	2			
	YES *	NO *	f.	Design of equipment, processes, structures, models	2			
	a. Pay, promotion opportunities	2□	g.	Employee relations - including recruiting, personnel development, training	2			
	b. Working conditions (hours, equipment, working environment)	2	h.	Management and administration □	2 🗆			
	c. Job location	2	i.	Production, operations, maintenance (e.g., truck driver, machinist or mechanic)	2			
	d. Change in career or professional interests	2	j.	Professional services (health care, financial services, legal services, etc.) □	2			
	e. Family-related reasons	2	k.	Sales, purchasing, marketing □	2			
	f. Job in highest degree field		l.	Quality or productivity management \Box	2			
	not available⊔	2	m.	Teaching	2			
	g. Other reason (<i>Specify</i> :		n.	Other (Specify:				
) 1	2) :	2			
B23.	Which factor in B22 represents your MOST important reason for working in an area outside of your HIGHEST degree field? ENTER LETTER OF MOST IMPORTANT REASON FROM B22 ABOVE		M	n which TWO activities in B24 did you work OST hours during a typical week on this job TER LETTER OF APPROPRIATE ACTIVITY FROM B24 _ Activity MOST hours				
				_ Activity SECOND MOST hours Enter Z if no second most				

#)))) * * * * * * *	 this job? Answer yes if you assist AND recommend or in such as hiring, firing, of 1□ Yes 2□ No) SKIP TO B28 	itiate personnel actions or promoting	+)))) * * * * *	Was any of your work on this job supported by CONTRACTS OR GRANTS from the U.S. government during the week of April 15? • FEDERAL EMPLOYEES please answer "No" MARK (X) ONE □ Yes □ Yes □ No * (PAGE 10) • (PAGE 10) • (PAGE 10)
	a. supervise DIRECTLY?b. supervise through	People did you typically: Number Supervised	* * ▼ B31.	(IF YES) Which Federal agencies or departments were supporting your work?
B28.	Before deductions, which is as of the week of a bonuses, overtime, or add			MARK (X) ALL THAT APPLY □ Defense Department (DOD) □ Education Department (include NCES, OERI, FIPSE, FIRST) □ Energy Department (DOE)
	Summertime teaching or residual summertime teaching or residual summers. If NOT SALARIED: earned income, excluding per salary or Earned Income.	esearch] Please estimate your		4□ Environmental Protection Agency (EPA) 5□ National Aeronautics and Space Administration (NASA) 6□ National Institutes of Health (NIH) 7□ National Science Foundation (NSF) 8□ Nuclear Regulatory Commission (NRC) 9□ Other (Specify:) 10□ DON'T KNOW SOURCE AGENCY
B29.	Was this salary or ear working full-time? • IF SELF-EMPLOYED if you usually worked 3 hours a week on this journal of the second of the secon	, please answer "Yes" 35 or more		

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

	for the U.S. Department of Energy		second job (or business) including part-time, evening, or weekend work?			
B32.	From the list of selected areas, indicate the ONE area, if any, to which you devoted the MOST hours during a typical week on this job.	+))) * * * *	1□ Yes 2□ No) ➤ SKIP TO PART C (PAGE 11)			
+))) * * * *	MARK (X) ONE □ Energy/Fuel □ Environment))))))))), * Health/Safety * SKIP TO B35	B36.	(IF YES) What kind of work were you doing at your second job during the week of April 15that is, what was your occupation? Please be as specific as possible, including any area of specialization.			
* * * * * *	 4□ National Defense * * 5□ NONE OF THE ABOVE)) - 		 Example: High school teacher - Math If you had MORE THAN TWO JOBS, answer for the job at which you worked the second greatest number of hours that week 			
B33.	(IF ENERGY/FUEL) From the following list, indicate the ONE ENERGY SOURCE that involved the largest proportion of your energy-related work during the past year.					
	MARK (X) ONE	Doz	Heiner the IOD CODES (Liet D. marce 47.40)			
	ı□ Coal	B37.	Using the JOB CODES (List B, pages 17-18), choose the code that BEST describes the work			
	2□ Petroleum and natural gas		you were doing on your second job during the week of April 15.			
	₃□ Nuclear fission					
	4□ Nuclear fusion					
	5□ Hydroenergy					
	6□ Other Renewables (such as solar, biomass, wind, geothermal)		Before deductions, what was your salary on your second job during the week of April 15? Do NOT include bonuses, overtime, or additional			
	other energy source (Specify:)		compensation for summertime teaching or research.			
B34.	From the following list, indicate the ONE ENERGY-RELATED ACTIVITY that involved the largest proportion of your energy-related work during the past year.		• IF NOT SALARIED: Please estimate your earned income, excluding business expenses			
			MARK (X) ONE			
	•		\$ per 1□ Hour			
	MARK (X) ONE		Salary or Earned Income 2□ Week			
	□ Exploration and extraction		3□ Month			
	2□ Manufacture of energy-related equipment		₄□ Year			
	3□ Fuel processing (include refining and enriching)		5□ Academic year			
	4□ Electric power generation and transmission		6□ Other (<i>Specify</i> :			
	5□ Transportation and distribution of fuel)			
	6☐ Waste management or decommissioning					
	¬□ Conservation, utilization, management, or storage of energy/fuel	B39.	To what extent was your work on this second job related to your HIGHEST degree field? Was it			
	8☐ Environment, health, and safety		MARK (X) ONE			
	9 Other energy-related activity, (Specify:					
)					
			₃□ Not related			

B35.

During the week of April 15, did you hold a

PART C: OTHER WORK-RELATED INFORMATION

C1.	How many years of professional work experience have you had:	C5.	(IF YES) During the past year, in which of the following areas did you attend work-related workshops, seminars, or other work-related	
	• If none or less than half a year, enter 0		training activities?	
	Number		MARK (X) YES OR NO FOR EACH	
	of Years		YES *	NO *
	a. Full-time		· •	▼
			a. Management or supervisor training $_1\Box$	2
	b. Part-time		b. Technical training in my occupational field	2
			c. General professional training (e.g.,	
			public speaking, business writing)	2
C2.	During the past year, did you attend any professional society or association meetings or conferences?		d. Other work-related training (Specify:) □	2
	Include regional, national or international meetings			
	ı□ Yes			
	2□ No	C6.	For which of the following reasons did you at training activities during the past year?	ttend
			MARK (X) YES OR NO FOR EACH	
			YES	NO
C3.	To how many national or international		*	*
•••	professional societies or associations do you		a. To facilitate a change in my	•
	currently belong?		occupational field	2
	Number: OR □ NONE		b. To acquire FURTHER skills or knowledge in my occupational field	2
			c. For licensure/certification	2
C4.	During the past year, did you attend any WORK-RELATED workshops, seminars, or other work-		d. To increase opportunities for promotion/advancement/higher salary □	2
	related training activities?		e. To learn skills or knowledge needed	
	Do NOT include college courses		for a recently acquired position	2
	Do NOT include professional meetings unless you		f. Required or expected by employer $\dots 1$	2
	attended a special training session conducted at the meeting/conference		g. Other (<i>Specify</i> :) 1	2
	¹ ☐ Yes) ► GO TO C5			
	$_2$ \square No) • SKIP TO PART D (PAGE 12)			
		C7.	What was your most important reason for attending training activities? ENTER LETTER OF APPROPRIATE REASON FROM C6.	
			MOST IMPORTANT REASON FROM C6	

PART D - BACKGROUND INFORMATION

D1.	In what month and	year were you	born?	D5.	Are you of Hispanic origin or descent?
	_ 19			+))) * * *	1□ Yes 2□ No) ► SKIP TO D7
D2.	In what U.S. state or outside the United State/Territory:	tates: Record	country)	* * • D6.	Which of the following categories BEST describes your Hispanic descent? (If more than one category applies, please select the ONE you consider the most important
					part of your background)
		OR			MARK (X) ONE
	Foreign Country:				□ Mexican, Mexican-American, Chicano
					2□ Puerto Rican
D3.	Did you live in a rur any time prior to rea				₃□ Cuban
	ı□ Yes				4□ Other Hispanic (<i>Specify</i> :
	2□ N o)
D4.	What is the HIGHES COMPLETED by you	ur parents?		D7.	Are you:
		Father (Stepfather or Male Guardian)	Mother (Stepmother or Female Guardian)		MARK (X) ONE □ White
		*	*		
	a. Less than high school diploma	1	1□		2□ Black/African American
	b. High school diplom				3□ Asian or Pacific Islander
	or equivalent		1		4□ American Indian or Alaskan Native (Eskimo, Aleut)
	c. Some college, voca or trade school (inc 2-year degrees)	luding	1		s□ Other (Specify:
	d. Graduated from a 4 college (Bachelor's degree)		1		
	-			D8.	Are you:
	e. At least some gradu or professional school		1□		ı□ Male
	f. Don't know	1	1		2□ Female

+))) * +1 ** *.))	During the week of April 15, 1993, were you a: MARK (X) ONE U.S. Citizen □ Native Born) ➤ SKIP TO D12 □ Naturalized) ➤ SKIP TO D11 Non-U.S. Citizen □ With a Permanent U.S. Resident Visa □ With a Temporary U.S. Resident Visa □ Living outside the United States	+)) +1 *.)) * * * D15.	(IF MARRIED) During the week of April 15, was your spouse working for pay (or profit) at a full-time or part-time job? □ Yes, full-time □ Yes, part-time □ No) ➤ SKIP TO D16 (IF YES) Did your spouse's duties on this job require technical expertise equivalent to at least a bachelor's degree in
* * *			YES NO
D10.	(IF NON-U.S. CITIZEN) Of which country are you a citizen? COUNTRY: OFFICE USE: _		a. Engineering, computer science, math, or the natural sciences
D11.	When did you come to the United States to stay? 19 OR □ Never came to stay Year During the week of April 15, 1993, were you living	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. Students who board at school should be counted if they spend at least half of their vacation time with you.
	in the United States or one of its territories, or were you living in another country? □ United States □ Another country	+)))) * * * * * * * *	1□ Yes 2□ No) ► SKIP TO D18 (PAGE 14)
		D17.	(IF YES) How many of these children living with you as part of your family were
D13.	During the week of April 15 were you: MARK (X) ONE		• If no children in a category: Enter 0 NUMBER
	1□ Married) ➤ GO TO D14 2□ Widowed)))))), * 3□ Separated		Under the age of 6 Aged 6-11 Aged 12-17 18 or older

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 *
		•	•	•	•	▼
	a. SEEING words or letters in ordinary newsprint (with glasses/contact lenses if you usually wear them)	1□	2	3	4	5
	b. HEARING what is normally said in conversation with another person (with hearing aid, if you usually				_	_
	wear one)	1	2	3	4	5
	c. WALKING without assistance (human or mechanical) or					
	using stairs	1	2	3	4	5
	d. LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries	1□	2	3	4	5
D19.	☐ MARK (X) HERE IF YOU ANSWERED "NONE" TO ALL ACTIVE	ITIES IN I	018 THEN SK	IP TO D20		
	What is the earliest age at which you FIRST began experiencing ANY difficulties in any of these areas?			AGE: _	OR 0	□ SINCE BIRTH
D20.	In case we need to clarify some of the information you can be reached.	u have p	provided, p	olease list a p	hone num	ber where you
	Area Code Number		Area Code	Number		
	DAYTIME EV	ENINGS		-		
D21.	 Since we are interested in how education and employ in 1995. To help us find you, please provide the name are likely to know where you can be reached. DO NO HOUSEHOLD. As with all the information provided in this questionnain people will only be contacted if we cannot find you in 1 	e, addre T INCLU re, comp	ss, and te IDE SOME	lephone num ONE WHO LI	ber of two VES IN YO	people who DUR
	Name	Name				
	Number and Street N		Number and Street			
	City/Town State Zip Code	City/Town		State	Zip Cod	e e
	Country (If outside U.S.)	Country (If	f outside U.S.)			
	Area Code Number	_ Area Code	- Nun	_ - nber		
D22.	Is the address information on the back cover the best us to use for any future mailing?	one for				
	¹□ Yes 2□ No - Please make needed changes on t	he back	cover			

The remaining pages of this questionnaire contain the EDUCATION CODES (List A) and JOB CODES (List B) needed for answering some of the preceding questions.

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.

	Agriculture Business and Production		Computer and Information Sciences
601	Agriculture, economics (also see 655 and 923)	671	
602	OTHER, agricultural business and production	672	Computer programming
	, 9	673	
		674	
	Agricultural Sciences	675	
605	Animal sciences		Information services and systems
	Food sciences and technology (also see 638)	677	
	Plant sciences (also see 633)	_	, ,
	OTHER, agricultural sciences		Conservation/Renewable Natural Resources
	- · · · = · · , • · g · · · · · · · · · · · · · · · · ·	680	
		681	
610	Architecture/Environmental Design	682	
	(for architectural engineering, see 723)		
	(690	Criminal Justice/Protective Services
		000	(also see 922)
620	Area/Ethnic Studies		(4100 000 022)
0_0	7.1034_11.1110 01.1111100		Education
		701	Administration
	Biological/Life Sciences		Computer teacher education
631	Biochemistry and biophysics		Counselor education/guidance services
632	Biology, general	704	
633	Botany (also see 607)	705	1 7 67
634	Cell and molecular biology	706	
635	Ecology	707	
636	Genetics, animal and plant	708	,
637	Microbiology	709	•
638	Nutritional sciences (also see 606)	710	
639	Pharmacology, human and animal (also see 788)	710	
640	Physiology, human and animal	712	•
641	Zoology, general	712	
642	OTHER, biological sciences	713	OTTEN, Caucation
072	OTTIET, biological sciences		Engineering
		721	
	Business Management/Administrative Services		Agricultural
651	Accounting		Architectural
652	Actuarial science	724	
653	Business administration and management	725	
654	Business, general	726	
655	Business/managerial economics (also see 601 and 923)	727	
656	Business marketing/marketing mgmt.	728	
657	Financial management	729	
658	Marketing research	730	
843	Operations research	730	
659	OTHER, business management/admin. services	731	
059	OTTIEN, business management/aumin. services	732	
		733	, , , , , , , , , , , , , , , , , , , ,
	Communications	734 735	, 3
	Communications Communications general	735 736	
662	Communications, general Journalism	730	
	OTHER, communications	737	•
003	OTTIEN, COMMUNICATIONS	730 739	
		139	INUCICAI

740 Petroleum

741 OTHER, engineering

LIST A: EDUCATION CODES (CONTINUED)

Physical Sciences

751	Electrical and electronic technologies	871	Astronomy and astrophysics
752		872	
753	Mechanical engineering-related technologies	631	
754		873	•
7 54	OTTIER, engineering-related technologies	874	
		680	
700	Foreligh Language and Literature/Latters		
760	English Language and Literature/Letters	875	3)
	(for Linguistics, see 771)	876	3
		877	3 4 7
		878	
	Foreign Languages and Literature	879	OTHER, physical sciences
771	Linguistics		
772	OTHER, foreign languages and literature		
			Psychology
		891	Clinical
	Health Professions and Related Sciences	892	Counseling
781	Audiology and speech pathology	704	Educational
782		893	Experimental
783	Health/medical assistants	894	
784	Health/medical technologies	895	Industrial/Organizational
785	Medical preparatory programs (e.g., pre-dentistry,	896	
	pre-medical, pre-veterinary)	897	
786			- · · · - · · , p - , · · · · · · · g ,
	podiatry, veterinary)		
787			Public Affairs
788	Pharmacy (also see 639)	901	Public administration
789	Physical therapy and other rehabilitation/	902	
703	therapeutic services	903	
790	Public health (including environmental health	903	OTTIET, public allalis
130	`		
791	and epidemiology)	010	Social Work
191	OTHER, health/medical sciences	910	Social Work
800	Home Economics		
000	nome Economics		Social Sciences and History
Ω1 Ω	Law/Prelaw/Legal Studies	921	
010	Law/r relaw/Legal Studies	922	1 0,
000	Liberal Arta/Canaral Studies		
820	Liberal Arts/General Studies	923	,
020	Library Calamaa	924	
630	Library Science	925	,
	** 41 41	926	• · · · · · · · · · · · · · · · · · · ·
	Mathematics	927	
841		928	
842		929	
843	•	930	OTHER, social sciences
844			
845	OTHER, mathematics		
			Visual and Performing Arts
850	Parks, Recreation, Leisure, and Fitness Studies	941	
		942	
	Philosophy, Religion, and Theology	943	Music, all fields
861	Philosophy of science	944	OTHER, visual and performing arts
862	OTHER philosophy religion theology		• •

Engineering-Related Technologies

995 Other Fields - Not Listed

LIST B: JOB CODES

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

- 021 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 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
 - 083 Agricultural
 - 084 Bioengineering & biomedical
 - 085 Chemical
 - 086 Civil, including architectural & sanitary

- *** Engineers (continued)
 - 087 Computer engineer hardware
 - 088 Computer engineer software
 - 089 Electrical, electronic
 - 090 Environmental
 - 091 Industrial
 - 092 Marine engineer or naval architect
 - 093 Materials or metallurgical
 - 094 Mechanical
 - 095 Mining or geological
 - 096 Nuclear
 - 097 Petroleum
 - 098 Sales
- 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
- 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 Use the code that comes closest to the field you manage

LIST B: JOB CODES (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

- 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
- Technologists and technicians in the physical sciences 197
- OTHER physical scientists 198

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

- 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 envelope provided. If you have questions, please call Lynn Goodman at 1-800-937-8283. Our address is:

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

Westat, Inc. 1650 Research Boulevard Rockville, MD 20850