



2008

Survey of Doctorate Recipients

Conducted by
the National Opinion Research Center
at the University of Chicago for



National Science Foundation

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended, and the Confidential Information Protection and Statistical Efficiency Act of 2002. The information you provide will be used for statistical purposes only. Your responses will be kept confidential. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you. The average time to complete this survey is about 25 minutes. Please send any comments on the time required for this survey to National Science Foundation, 4201 Wilson Blvd., Suite 295, Arlington, VA 22230, Attn: NSF Reports Clearance Officer.

Please make any name/address changes below:

First Name _____ M.I. _____

Last Name _____

Number and Street _____

City/Town _____

State _____ ZIP Code _____

Office Use Only

RC Edit CADE VER Adj

OMB No.: 3145-0020
Approval Expires: 7/2011

NOTE:

This questionnaire has been annotated to aid data users in matching SESTAT variables to the questionnaire. Blue text boxes next to questions contain names of SAS variables populated with responses to that question.

Variables derived from reported information (i.e., recodes) are noted in red text boxes and placed near the variables or questions used to create the recodes.

* denotes variables available in both the public and restricted use datasets

** denotes variables available only in the public use dataset

All other variables are available only in the restricted use dataset.

Part A - Employment Situation

LFSTAT*

A1. Were you working for pay or profit during the week of October 1, 2008?

WRKG*

Working includes being self-employed, on a postdoctoral appointment, or on any type of paid or unpaid leave, including vacation.

Use an X to mark your answer.

1 Yes → **Go to page 2, question A8**

2 No

A2. (If No) Did you look for work during the four weeks preceding October 1, 2008? This would be between September 3rd and October 1st.

LOOKWK*

1 Yes

2 No

A3. What were your reasons for not working during the week of October 1, 2008?

Mark Yes or No for each item.

NWRET

	Yes	No
	↓	↓
1 Retired.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>

If Yes → Year retired

NWRTYR

NWLAY*

2 On layoff from a job..... 1 2

NWSTU*

3 Student..... 1 2

NWFAM*

4 Family responsibilities..... 1 2

NWILL

5 Chronic illness or permanent disability..... 1 2

NWOCNA*

6 Suitable job not available..... 1 2

NWNOND*

7 Did not need or want to work..... 1 2

NWOT

8 Other – Specify 1 2

NWOTP**

A4. Prior to the week of October 1, 2008, when did you last work for pay or profit?

0 ← Mark this box if you never worked for pay or profit and then go to page 9, question D1

LWNVN

Month Year

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

LAST WORKED

LWMN

LWYR

LWYRP**

A5. What was the title of the last job you held prior to the week of October 1, 2008?

Example: Physics professor

A6. What kind of work were you doing on this last job – that is, what were your duties and responsibilities on your last job? Please be as specific as possible, including any area of specialization.

Example: Taught physics and conducted research. Specialized in high energy physics.

A7. Using the JOB CATEGORY list on pages 13-14, choose the code that best describes the last job you held prior to the week of October 1, 2008.

CODE

NOCLSTX

NOCLST

NOCMLST*

NOCNLST

→ Go to page 7, question A43

Principal Employer

A8. Who was your principal employer during the week of October 1, 2008?

If you had more than one job, report the one for which you worked the most hours that week.

If your employer had more than one location, report the location that employed you.

If you worked for a contracting or consulting company, report the name of that company, not the client organization.

Employer Name	<input type="text" value="INSTCOD"/>
Department/Division	<input type="text" value="CARNEG"/> <input type="text" value="CARN05C"/>
City/Town	<input type="text" value="PUBPRI"/> <input type="text" value="PBPR05C"/>
State	<input type="text" value="EMST"/>
ZIP Code	<input type="text" value="EMRG"/> <input type="text" value="EMUS"/>

A9. What was that employer's main business or industry; that is, what did that employer make or do?

If your principal employer had more than one type of business, report the type of business primarily performed at the location where you worked.

Example: Production of microprocessor chips

EMPLOYER'S MAIN BUSINESS

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

A10. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.

Mark one answer.

- 10 or fewer employees
- 11 - 24 employees
- 25 - 99 employees
- 100 - 499 employees
- 500 - 999 employees
- 1,000 - 4,999 employees
- 5,000 - 24,999 employees
- 25,000+ employees

A11. Which one of the following best describes your principal employer during the week of October 1, 2008? Were you...

Mark one answer.

SELF-EMPLOYED or a BUSINESS OWNER

- 1 In a non-incorporated business, professional practice, or farm
- 2 In an incorporated business, professional practice, or farm

PRIVATE SECTOR employee

- 3 In a for-profit company or organization
- 4 In a non-profit organization (including tax-exempt and charitable organizations)

GOVERNMENT employee

- 5 In a local government (e.g., city, county, school district)
- 6 In a state government (including state colleges/universities)
- 7 In the U.S. military service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
- 8 In the U.S. government (e.g., civilian employee)

OTHER type of employee

- 9 Other – *Specify type of employer* ↴

<input type="text"/>

A12. Was your principal employer an educational institution?

- 1 Yes
- 2 No → **Go to page 3, question A17**

A13. (If Yes) Was the educational institution where you worked a...

Mark one answer.

- 1 Preschool, elementary, middle, or secondary school or system } → **Go to page 3, question A17**
- 2 Two-year college, community college, or technical institute
- 3 Four-year college or university, other than a medical school
- 4 Medical school (including university-affiliated hospital or medical center)
- 5 University-affiliated research institution
- 6 Other – *Specify* ↴

<input type="text"/>

A14. During the week of October 1, 2008, what type of academic position(s) did you hold at this institution?

- ACADNA*** Mark Yes or No for each item.
- | | | Yes | No |
|-------------------|-----------------------------------------------------------|----------------------------|----------------------------|
| ACADPRES | 1 President, Provost, or Chancellor (any level) | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADDEAN | 2 Dean (any level), department head or chair | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADRCHF* | 3 Research faculty, scientist, associate, or fellow | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADTCHF* | 4 Teaching faculty | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADAJF* | 5 Adjunct faculty | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADPPDOC* | 6 Postdoc (e.g., postdoctoral fellow or associate) | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADRA | 7 Research assistant | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADTA | 8 Teaching assistant | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| ACADOTHR | 9 Other position – Specify <input type="checkbox"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

ACADMN**

ACADOTHP**

Note: ACADNA (not applicable) was added after data collection started and is derived from verbatim responses.

A15. What was your faculty rank?

- FACRANK** Mark one answer.
- 1 Not applicable: no ranks designated at this institution
 - 2 Not applicable: no ranks designated for my position
 - 3 Professor
 - 4 Associate Professor
 - 5 Assistant Professor
 - 6 Instructor
 - 7 Lecturer
 - 8 Other – Specify

A16. What was your tenure status?

- TENSTA** Mark one answer.
- TENI**
- 1 Not applicable: no tenure system at this institution
 - 2 Not applicable: no tenure system for my position
 - 3 Tenured
 - 4 On tenure track but not tenured
 - 5 Not on tenure track

MGRNAT*

MGRSOC*

MGROTH*

Principal Job

A17. What was the title of the principal job you held during the week of October 1, 2008?

Example: Physics professor

A18. What kind of work were you doing on this job – that is, what were your duties and responsibilities on your principal job? Please be as specific as possible, including any area of specialization.

Example: Taught physics and conducted research. Specialized in high energy physics.

A19. Using the JOB CATEGORY list on pages 13-14, choose the code that best describes the principal job you held during the week of October 1, 2008.

- CODE
- | | |
|---------------|------------------|
| NOCPRX | NOCPRMG* |
| NOCPR | NOCPRNG |
| | NOCPRPB** |

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

Mark Yes or No for each item.

- | | | Yes | No |
|----------------|----------------------------------------------------------------------------------------------|----------------------------|----------------------------|
| MGRNAT* | 1 Engineering, computer science, math, or the natural sciences | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| MGRSOC* | 2 The social sciences | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| MGROTH* | 3 Some other field (e.g., health, business, or education) – Specify <input type="checkbox"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A21. Was this job a "postdoc?"

PDIX

A "postdoc" is a temporary position awarded in academe, industry, a non-profit organization, or government primarily for gaining additional education and training in research.

- 1 Yes
- 2 No → **Go to question A24**

A22. (If Yes) What were your reasons for taking this postdoc?

Mark Yes or No for each item.

PDTRAIN

PDTROUT

PDPERPL

PDEMPL

PDEXPECT

PDOTHER

- | | Yes | No |
|---------------------------------------------------------------|----------------------------|----------------------------|
| | ↓ | ↓ |
| 1 Additional training in PhD field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 2 Training in an area outside of PhD field..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 Work with a specific person or place | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4 Other employment not available..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5 Postdoc generally expected for a career in this field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 6 Some other reason – <i>Specify</i> ✓ | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A23. Which two reasons in question A22 were your most important reasons for taking this postdoc?

Enter number of appropriate reason from question A22 above.

- 1 **PDPRI** Most important reason
- 2 **PDSEC** Second most important reason
(Enter "0" if no second reason)

A24. During what month and year did you start this job (that is, the principal job you held during the week of October 1, 2008)?

PRINCIPAL JOB STARTED

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

STRTMN **STRTYR**

A25. To what extent was your work on your principal job related to your first U.S. doctoral degree? Was it...

OCEDRLP*

Mark one answer.

- 1 Closely related
- 2 Somewhat related
- 3 Not related

Go to page 5, question A28

A26. (If Not related) Did these factors influence your decision to work in an area outside the field of your first U.S. doctoral degree?

Mark Yes or No for each item.

NRPAY*

NRCON*

NRLOC*

NRCHG*

NRFAM*

NRCONA*

NROT*

- | | Yes | No |
|-------------------------------------------------------------------------|----------------------------|----------------------------|
| | ↓ | ↓ |
| 1 Pay, promotion opportunities | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 2 Working conditions (e.g., hours, equipment, working environment)..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 Job location..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4 Change in career or professional interests | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5 Family-related reasons (e.g., children, spouse's job moved) | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 6 Job in doctoral degree field not available..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 7 Some other reason – <i>Specify</i> ✓..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A27. Which two factors in question A26 were your most important reasons for working in an area outside the field of your first U.S. doctoral degree?

Enter number of appropriate reason from question A26 above.

- 1 **NRREA*** Most important reason
- 2 **NRSEC*** Second most important reason
(Enter "0" if no second reason)

A28. The next question is about your work activities on your principal job. Which of the following work activities occupied at least 10 percent of your time during a typical work week on this job?

Mark Yes or No for each item.

		Yes	No
		↓	↓
		1	2
<input type="checkbox"/> WAACC*	1 Accounting, finance, contracts	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WABRSH*	2 Basic research – study directed toward gaining scientific knowledge primarily for its own sake.....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WAAPRSH*	3 Applied research – study directed toward gaining scientific knowledge to meet a recognized need.....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WADEV*	4 Development – using knowledge gained from research for the production of materials, devices.....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WADSN*	5 Design of equipment, processes, structures, models.....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WACOM*	6 Computer programming, systems or applications development	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WAEMRL*	7 Human resources – including recruiting, personnel development, training	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WAMGMT*	8 Managing or supervising people or projects.....	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WAPROD*	9 Production, operations, maintenance (e.g., chip production, operating lab equipment)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WASVC*	10 Professional services (e.g., health care, counseling, financial services, legal services)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WASALE*	11 Sales, purchasing, marketing, customer service, public relations	<input type="checkbox"/> ACTCAP*	<input type="checkbox"/> ACTDED*
<input type="checkbox"/> WAQM*	12 Quality or productivity management	<input type="checkbox"/> ACTMGT*	<input type="checkbox"/> ACTRES*
<input type="checkbox"/> WATEA*	13 Teaching	<input type="checkbox"/> ACTRD*	<input type="checkbox"/> ACTTCH*
<input type="checkbox"/> WAOT*	14 Other – Specify <input type="checkbox"/>	<input type="checkbox"/> ACTRDT*	

A29. On which two activities in question A28 did you work the most hours during a typical week on this job?

Enter number of appropriate activity from question A28 above.

<input type="checkbox"/> WAPRI*	Activity <u>most</u> hours	<input type="checkbox"/> WAPRSM*
<input type="checkbox"/> WASEC*	Activity <u>second most</u> hours (Enter "0" if no second most)	<input type="checkbox"/> WASCMS*

A30. Did you supervise the work of others as part of the principal job you held during the week of October 1, 2008? SUPWK*

Mark "Yes" if you recommended or initiated personnel actions such as hiring, firing, evaluating, or promoting others.

Teachers should not count students.

- 1 Yes
2 No → **Go to question A32**

A31. (If Yes) How many people did you typically...

	Number Supervised
1 Supervise <u>directly</u> ?	<input type="checkbox"/> SUPDIR (If none, enter "0")
2 Supervise <u>indirectly</u> through subordinate supervisors?	<input type="checkbox"/> SUPIND (If none, enter "0")

A32. How would you rate your overall satisfaction with the principal job you held during the week of October 1, 2008? JOBSATIS*

Mark one answer.

- 1 Very satisfied
2 Somewhat satisfied
3 Somewhat dissatisfied
4 Very dissatisfied

A33. As of the week of October 1, 2008, what was your basic annual salary on your principal job, before deductions?

Do not include bonuses, overtime, or additional compensation for summertime teaching or research.

If you are not salaried, please estimate your earned income, excluding business expenses.

\$	<input type="text"/>	<input type="text"/>	,	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	.00
ANNUAL SALARY OR EARNED INCOME										
<input type="checkbox"/> SALARY						<input type="checkbox"/> SALARP*				

A34. Was this salary based on a 52-week year, or less than that?

WKSYSR

Include paid vacation and sick leave.

1 52-week year

2 Less than 52 weeks

NUMBER OF WEEKS PER YEAR

WKSLYR

WKSWK
WKSWKP**

A35. During a typical week on your principal job, how many hours did you work?

NUMBER OF HOURS WORKED PER WEEK

HRSWK

HRSWKP**

If fewer than 35 hours, go to question A36.

If 35 or more hours, go to question A38.

A36. (If fewer than 35 hours) Did you want to work 35 or more hours per week on your principal job?

PJWTF*

1 Yes

2 No

A37. For which of the following reasons did you usually work fewer than 35 hours per week on the principal job you held during the week of October 1, 2008?

Mark Yes or No for each item.

Yes No
↓ ↓
1 2

PJRET

1 Previously retired or semi-retired 1 2

Year retired

If Yes →

PJRETYR

PJSTU

2 Student 1 2

PJFAM*

3 Family responsibilities 1 2

PJILL

4 Chronic illness or disability 1 2

PJOCNA*

5 Full-time job not available 1 2

PJHAJ

6 Held more than one job 1 2

PJNOND*

7 Did not need or want to work more hours 1 2

PJOT

8 Other – Specify 1 2

PJOTP**

A38. During the week of October 1, 2008, were you working for pay (or profit) at a second job (or business), including part-time, evening, or weekend work?

OCSI*

1 Yes

2 No → Go to page 7, question A43

A39. (If Yes) What was the title of the second job you held during the week of October 1, 2008?

If you had more than two jobs that week, report the job where you worked the second most hours.

Example: Clinical psychologist

A40. What kind of work were you doing on this job – that is, what were your duties and responsibilities on your second job? Please be as specific as possible, including any area of specialization.

Example: Diagnose mental and emotional disorders.

A41. Using the JOB CATEGORY list on pages 13-14, choose the code that best describes the second job you held during the week of October 1, 2008.

NOCSX

NOCSMG*

NOCS

NOCSNG

CODE

A42. To what extent was your work on your second job related to your first U.S. doctoral degree? Was it...

OCSEDRL*

Mark one answer.

- 1 Closely related
- 2 Somewhat related
- 3 Not related

A43. Thinking back now to 2007, was any of your work during 2007 supported by contracts or grants from the U.S. government?

GOVSUP*

FEDERAL EMPLOYEES: Please answer "No."

Mark one answer.

- 0 Did not work in 2007 → **Go to question B1 on this page**
- 1 Yes
- 2 No
- 3 Don't know

A44. Counting all jobs held in 2007, what was your total earned income for 2007, before deductions?

EARN

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

\$.00
----	--	--	--	--	--	--	--	--	--	--	-----

TOTAL 2007 EARNED INCOME

Part B - Past Employment

B1. Were you working for pay or profit during both of these time periods – the week of April 1, 2006 and the week of October 1, 2008?

WRKGP*

- 1 Yes
- 2 No → Go to page 8, question C1

B2. (If Yes) During these two time periods – the week of April 1, 2006, and the week of October 1, 2008 – were you working for...

EMSMI*

Mark one answer.

- 1 Same employer and in same type of job } Go to page 8, question C1
- 2 Same employer but in different type of job
- 3 Different employer but in same type of job
- 4 Different employer and in different type of job

B3. (If Different) Why did you change your employer or your job?

Mark Yes or No for each item.

Yes No
↓ ↓

- CHPAY** 1 Pay, promotion opportunities1 2
- CHCON** 2 Working conditions (e.g., hours, equipment, working environment)1 2
- CHLOC** 3 Job location1 2
- CHCHG** 4 Change in career or professional interests.....1 2
- CHFAM** 5 Family-related reasons (e.g., children, spouse's job moved).....1 2
- CHSCH** 6 School-related reasons (e.g., returned to school, completed a degree).....1 2
- CHLAY** 7 Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended)1 2
- CHRET** 8 Retired.....1 2
- CHOT** 9 Some other reason – Specify 1 2

Part C - Other Work-Related Experiences

C1. Since October 2003, how many...

Number

1 Papers have you (co)authored for presentation at regional, national or international conferences? (Do not count presentations of the same work more than once.)
(If none, enter "0")

2 Articles, (co)authored by you, have been accepted for publication in a refereed professional journal?
(If none, enter "0")

3 Books or monographs, (co)authored by you, have been published or accepted for publication?
(If none, enter "0")

C2. Since October 2003, have you been named as an inventor on any application for a U.S. patent?

1 Yes
2 No → Go to question C4

C3. Since October 2003...

Number

1 How many applications for U.S. patents have named you as an inventor?
(If none, enter "0")

2 How many U.S. patents have been granted to you as an inventor?
(If none, enter "0")

3 How many of the patents recorded as granted (in category 2 above) have resulted in commercialized products or processes or have been licensed?
(If none, enter "0")

C4. During the past 12 months, did you take any work-related training, such as workshops or seminars?

Include conferences or professional meetings only if you attended a training session at the conference or meeting.

Do not include college coursework for which you were enrolled in a degree program.

1 Yes
2 No → Go to page 9, question D1

C5. (If Yes) For which of the following reasons did you take training during the past 12 months?

Mark Yes or No for each item.

		Yes	No
		↓	↓
<input type="text" value="WTRSKL*"/>	1 To improve skills or knowledge in your current occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTROPPS*"/>	2 To increase opportunities for promotion or advancement in your current occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTRLIC*"/>	3 For licensure or certification in your current occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTRCHOC*"/>	4 To facilitate a change to a different occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTREM*"/>	5 Required or expected by employer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTRPERS*"/>	6 For leisure or personal interest	1 <input type="checkbox"/>	2 <input type="checkbox"/>
<input type="text" value="WTROT*"/>	7 Other – Specify <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>

C6. What was your most important reason from question C5 for taking training?

Enter number of appropriate reason from question C5 above.

MOST IMPORTANT REASON

Part D - Recent Educational Experiences

D1. Between April 2006 and October 2008, did you complete another degree, such as a master's or another doctorate?

TCDGCMP*

1 Yes

2 No → **Go to page 10, question E1**

NOTE-- Degree information collected in this survey is combined with other sources and sorted to create a series of degree variables. The variables names in these series are listed on the last page of this questionnaire.

D2. (If Yes) What type of degree did you earn?

If you completed more than one degree, mark the level for the highest degree awarded.

Mark one answer.

- 1 Bachelor's degree (e.g., BS, BA, AB)
- 2 Master's degree (e.g., MS, MA, MBA)
- 3 Doctorate (e.g., PhD, DSc, EdD, etc.)
- 4 Other professional degree (e.g., JD, LLB, MD, DDS, DVM, etc.) – *Specify*

5 Other – *Specify*

D3. What was the primary field of study for this degree?

PRIMARY FIELD OF STUDY

D4. In what month and year was this degree awarded?

Month	Year

DEGREE AWARDED

2 0 0

D5. From which academic institution did you receive this degree?

College or University Name
Department
City/Town
State/Foreign Country

NOTE-- The responses to question D6 below will only be placed in the variables below if it is determined that the degree entered in question D1 is the most recent degree on record for this respondent. Otherwise this information will be placed in analogous variables for the highest, 2nd highest, 3rd highest, 4th highest, or 5th highest degree as appropriate. See the list of degree variables on the last page of this questionnaire for more information.

D6. For which of the following reasons did you obtain this degree?

Mark Yes or No for each item.

		Yes	No
		↓	↓
1	To gain further education before beginning a career	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2	To prepare for graduate school or further education.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3	To change your academic or occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4	To gain further skills or knowledge in your academic or occupational field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5	For licensure or certification.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6	To increase opportunities for promotion, advancement, or higher salary	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7	Required or expected by employer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8	For leisure or personal interest	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9	Other – <i>Specify</i> <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>

MRCAR*

MRGRD

MRCHG*

MRSKL*

MRLIC*

MRADV*

MREM

MRINT*

MROT

MROTP**

Part E - Demographic Information

E1. On October 1, 2008, were you...

MARSTA

MARIND Mark one answer.

- 1 Married
- 2 Living in a marriage-like relationship
- 3 Widowed
- 4 Separated
- 5 Divorced
- 6 Never married

Go to question E4

E2. (If Married or Living in a marriage-like relationship)
During the week of October 1, 2008, was your spouse or partner working?

SPOWK

- 1 Yes, full-time
- 2 Yes, part-time
- 3 No → Go to question E4

E3. Did your spouse's or partner's duties on this job require the technical expertise of a bachelor's degree or higher in...

Mark Yes or No for each item.

SPNAT

SPSOC

SPOT

- | | Yes | No |
|----------------------------------------------------------------------------------------------|----------------------------|----------------------------|
| | ↓ | ↓ |
| 1 Engineering, computer science, math, or the natural sciences | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 2 The social sciences | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 Some other field (e.g., health, business, or education) – Specify <input type="checkbox"/> | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

E4. As of the week of October 1, 2008, did you have any children living with you as part of your family?

CHLVIN

Only count children who lived with you at least 50 percent of the time.

- 1 Yes
- 2 No → Go to question E6

E5. (If Yes) How many of these children living with you as part of your family were...

If no children in a category, enter "0."

	Number of Children
1 Under age 2	CHU2
2 Aged 2-5.....	CH25
3 Aged 6-11.....	CH611
4 Aged 12-18.....	CH1218
5 Aged 19 or older.....	CH19
	CH6
	CHUN12*
	CHU2IN*
	CH25IN*
	CH6IN*
	CH611IN*
	CH1218IN*
	CH19IN*
	CHTOTPB**

E6. On October 1, 2008, were you living in the United States, Puerto Rico, or another U.S. territory, or were you living in another country?

FNINUS

- 1 United States, Puerto Rico, or another U.S. territory
- 2 Another country

E7. On October 1, 2008, were you a...

- 1 U.S. citizen CTZUSIN*
- 2 Non-U.S. citizen → **Go to question E9** CTZN

E8. (If U.S. citizen) Were you a U.S. citizen...

Mark one answer.

- 1 Born in the United States, Puerto Rico, or another U.S. territory
 - 2 Born abroad of American parent(s)
 - 3 By naturalization
- Go to question E11**

E9. (If Non-U.S. citizen) Were you a non-U.S. citizen...

- 1 With a Permanent U.S. Resident Visa (Green Card)
- 2 With a Temporary U.S. Resident Visa

E10. Of which foreign country are you a citizen?

FNCCD

FOREIGN COUNTRY FNCRGN

E11. What is your birthdate?

Month BIRMN Day BIRDAY Year 19 BIRYR

Variables derived from external sources:

- AGE
- AGEGR
- AGEP**
- BTHRGN
- BTHUS*
- GENDER*
- ASIAN
- BLACK
- HISPANIC
- HISPCAT
- NATIVE
- PACIFIC
- WHITE
- MINRTY*
- RACEM
- RACETHM
- RACETHMP**
- RESPLO3
- RESPLOC
- RESPLCUS
- SRVMODE*
- REFID*
- COHORT*
- REFYR*
- SURID*
- VALIND
- WTSURVY*

E12. The next several questions are designed to help us better understand the career paths of individuals with different physical abilities.

E13. What is the USUAL degree of difficulty you have with...

Mark one answer for each item.

		None	Slight	Moderate	Severe	Unable to Do
		↓	↓	↓	↓	↓
DIFFSEE	1 SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
DIFFHEAR	2 HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
DIFFWALK	3 WALKING without human or mechanical assistance or using stairs	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
DIFFLIFT	4 LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

E14. ← Mark this box if you answered "None" to all the activities in question E13, and go to question E16.

DIFFNO

E15. What is the earliest age at which you first began experiencing any difficulties in any of these areas?

AGE OR ← SINCE BIRTH

DIFAGEGR

HCAPIN

DIFFAGE

DIFFBIR

E16. In case we need to clarify some of the information you have provided, please list phone numbers and an email address where you can be reached.

Daytime Phone Number - -

Area Code Number

Evening Phone Number - -

Area Code Number

Email Address @

E17. Because we are interested in how education and employment change over time, we may be recontacting you in 2010. To help us contact you, please provide the name and contact information for two people who are likely to know where you can be reached. Do not include someone who lives in your household.

As with all the information provided in this questionnaire, complete confidentiality will be provided. These people will only be contacted if we have difficulty contacting you in 2010.

First Name <input type="text"/>	MI <input type="text"/>	Last Name <input type="text"/>	First Name <input type="text"/>	MI <input type="text"/>	Last Name <input type="text"/>	
Number and Street <input type="text"/>			Number and Street <input type="text"/>			
City/Town <input type="text"/>	State <input type="text"/>	ZIP Code <input type="text"/>	City/Town <input type="text"/>	State <input type="text"/>	ZIP Code <input type="text"/>	
Country (if outside of U.S.) <input type="text"/>			Country (if outside of U.S.) <input type="text"/>			
<input type="text"/> <input type="text"/> <input type="text"/>	-	<input type="text"/> <input type="text"/> <input type="text"/>	-	<input type="text"/> <input type="text"/> <input type="text"/>	-	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Area Code		Number		Area Code	Number	

E18. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (E19).

JOB CATEGORY

If you cannot find the code that best describes your job, use the "OTHER" code under the most appropriate broad category. If none of the codes fit your job, use Code 500.

<ul style="list-style-type: none"> • Biological/Life Scientists 	021	Agricultural and food scientists	025	Medical scientists (excluding practitioners)
	022	Biochemists and biophysicists	026	Technologists and technicians in the biological/life sciences
	023	Biological scientists (e.g., botanists, ecologists, zoologists)	027	OTHER biological and life scientists
	024	Forestry and conservation scientists		
<ul style="list-style-type: none"> • Clerical/Administrative Support Occupations 	031	Accounting clerks and bookkeepers	033	OTHER administrative (e.g., record clerks, telephone operators)
	032	Secretaries, receptionists, typists		
<ul style="list-style-type: none"> • Clergy/Other Religious Workers 	040	Clergy and other religious workers		
<ul style="list-style-type: none"> • Computer Occupations <i>Also consider 173 Operations research analysts, including modeling</i> 	***	Computer engineers – <i>Also consider 087 Computer engineers – hardware and 088 Computer engineers – software</i>	055	Database administrators
	051	Computer & information scientists, research	056	Network and computer systems administrators
	052	Computer programmers (business, scientific, process control)	057	Network systems and data communications analysts
	053	Computer support specialists	058	OTHER computer and information science occupations
	054	Computer system analysts		
<ul style="list-style-type: none"> • Consultants 	<i>Find the category on page 13 or 14 that comes closest to your field of consulting and select the code</i>			
<ul style="list-style-type: none"> • Counselors 	070	Counselors (Educational, vocational, mental health and substance abuse) <i>Also consider 236 Psychologists, including clinical</i>		
<ul style="list-style-type: none"> • Engineers/Architects <i>Also consider 100 to 104 under Engineering Technologists, Technicians and Surveyors</i> 	081	Architects	090	Environmental engineers
	082	Aeronautical/aerospace/astronautical engineers	091	Industrial engineers
	083	Agricultural engineers	092	Marine engineers and naval architects
	084	Bioengineers or biomedical engineers	093	Materials and metallurgical engineers
	085	Chemical engineers	094	Mechanical engineers
	086	Civil, including architectural/sanitary engineers	095	Mining and geological engineers
	087	Computer engineers – hardware	096	Nuclear engineers
	088	Computer engineers – software	097	Petroleum engineers
	089	Electrical and electronics engineers	098	Sales engineers
			099	OTHER engineers
<ul style="list-style-type: none"> • Engineering Technologists/Technicians/Surveyors 	100	Electrical, electronic, industrial, and mechanical technicians	103	OTHER engineering technologists and technicians
	101	Drafting occupations, including computer drafting	104	Surveyors, cartographers, photogrammetrists
	102	Surveying and mapping technicians		
<ul style="list-style-type: none"> • Farmers/Foresters/Fishermen 	110	Farmers, foresters and fishermen		
<ul style="list-style-type: none"> • Health Occupations 	111	Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	113	Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)
	112	Registered nurses, pharmacists, dieticians, therapists, physician assistants	114	OTHER health occupations
	236	Psychologists, including clinical – <i>Also consider 070 Counselors</i>		
<ul style="list-style-type: none"> • Lawyers/Judges 	120	Lawyers, judges		
<ul style="list-style-type: none"> • Librarians/Archivists/Curators 	130	Librarians, archivists, curators		
<ul style="list-style-type: none"> • Managers and Supervisors, First-Line 	<i>Find the category on page 13 or 14 that best describes the occupation of the people you manage and select the code</i>			
<ul style="list-style-type: none"> • Managers, Top-level Executives/Administrators 	141	Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)		
<ul style="list-style-type: none"> • Managers, Other <i>People who manage other managers</i> 	142	Computer and information systems managers		
	143	Engineering managers		
	144	Medical and health services managers		
	145	Natural sciences managers		
	146	Education administrators (e.g., registrar, dean, principal)		
	147	OTHER mid-level managers		

JOB CATEGORY (Continued)

<ul style="list-style-type: none"> • Management-Related Occupations <i>Also consider 141 to 147 under Managers, Other</i> 	151	Accountants, auditors, and other financial specialists	153	OTHER management related occupations
	152	Personnel, training, and labor relations specialists		
<ul style="list-style-type: none"> • Mathematical Scientists 	171	Actuaries	174	Statisticians
	172	Mathematicians	175	Technologists and technicians in the mathematical sciences
	173	Operations research analysts, including modeling	176	OTHER mathematical scientists
<ul style="list-style-type: none"> • Physical Scientists 	191	Astronomers	195	Oceanographers
	192	Atmospheric and space scientists	196	Physicists, except biophysicists
	022	Biochemists and biophysicists	197	Technologists and technicians in the physical sciences
	193	Chemists, except biochemists	198	OTHER physical scientists
	194	Geologists, including earth scientists		
<ul style="list-style-type: none"> • Research Associates/ Assistants 	<i>Find the category on page 13 or 14 that comes closest to your research field and select the code</i>			
<ul style="list-style-type: none"> • Sales/Marketing Occupations 	200	Insurance, securities, real estate, and business services	202	Sales occupations – retail (e.g., furnishings, clothing, motor vehicles, cosmetics)
	201	Sales occupations – commodities except retail (e.g., industrial machinery/equipment/supplies, medical and dental equip./supplies)	203	OTHER marketing and sales occupations
<ul style="list-style-type: none"> • Service Occupations, Except Health <i>Also consider 111 to 114 under Health Occupations</i> 	221	Food preparation and service (e.g., cooks, waitresses, bartenders)	223	OTHER service occupations, except health (e.g., probation officers, human services workers)
	222	Protective services (e.g., fire fighters, police, guards, wardens, park rangers)		
<ul style="list-style-type: none"> • Social Scientists 	231	Anthropologists	236	Psychologists, including clinical – <i>Also consider 070 Counselors</i>
	232	Economists	237	Sociologists
	233	Historians	238	OTHER social scientists
	235	Political scientists		
<ul style="list-style-type: none"> • Social Workers 	240	Social workers		
<ul style="list-style-type: none"> • Teachers—Precollege 	251	Pre-kindergarten and kindergarten	255	Secondary – other subjects
	252	Elementary	256	Special education – primary and secondary
	253	Secondary – computer, math, or sciences	257	OTHER precollegiate area
	254	Secondary – social sciences		
<ul style="list-style-type: none"> • Teachers/Professors— Postsecondary 	271	Agriculture	283	History
	272	Art, Drama, and Music	286	Mathematics and Statistics
	273	Biological Sciences	287	Health and Related Sciences
	274	Business, Commerce, and Marketing	288	Physical Education
	275	Chemistry	289	Physics
	276	Computer Science	290	Political Science
	277	Earth, Environmental, and Marine Science	291	Psychology
	278	Economics	293	Sociology
	279	Education	297	OTHER Natural Sciences
	280	Engineering	298	OTHER Social Sciences
	281	English	299	OTHER Postsecondary fields
	282	Foreign Language		
<ul style="list-style-type: none"> • Teachers—Other 	300	OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)		
<ul style="list-style-type: none"> • Writers/Editors/Public Relations Specialists/Artists/Entertainers/Broadcasters 	010	Writers, editors, public relations specialists, artists, entertainers, broadcasters		
<ul style="list-style-type: none"> • Other Professions 	401	Construction and extraction occupations	403	Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process)
	402	Installation, maintenance, and repair occupations	405	Transportation and material moving occupations
<ul style="list-style-type: none"> • OTHER OCCUPATIONS 	500	OTHER OCCUPATIONS (Not Listed)		

E19. How would you like to complete future rounds of this survey?

Mark one answer.

- 1 A questionnaire sent in the mail
 2 A questionnaire that you could fill out on the World Wide Web
 3 A telephone interview
 4 No preference

Degree information collected in this survey is combined with other sources and sorted to create a series of degree variables.

For the most recent degree:	For the first bachelor's degree:	For the first US PhD:	For the highest degree:	For the 2nd highest degree:	For the 3rd highest degree:	For the 4th highest degree:	For the 5th highest degree:
MRDG* MRMN MRYR MR3YR MR5YR MRDACYR MR03Y5P**	BAMN BAYR BAAYR3 BAAYR5 BAACYR BA03Y5P**	SDRMN SDRYR SDR3YR SDR5YR SDRAYR	DGRDG* HDMN DGRYR HADCY3 HDAY5 HDACYR HD03Y5P**	D2DG D2MN D2YR D23YR D25YR D2DAYR	D3DG D3MN D3YR D33YR D35YR D3DAYR	D4DG D4MN D4YR D43YR D45YR D4DAYR	D5DG D5MN D5YR D53YR D55YR D5DAYR
MRINCD MRCARN MRCRN05C MRPBPR MRPBP05C MRST MRRGN MRDGRUS	BAINCD BACARN BACRN05C BAPBPR BAPBP05C BAST BARGN BADGRUS	SDRINCD SDRCARN SDRCR05C SDRPBPR SDRPBP05C SDRST SDRRGN	HDINCD HDCARN HDCRN05C HDPBPR HDPBP05C HDST HDRGN HDDGRUS	D2INCD D2CARN D2CRN05C D2PBPR D2PBP05C D2ST D2RGN D2DGRUS	D3INCD D3CARN D3CRN05C D3PBPR D3PBP05C D3ST D3RGN D3DGRUS	D4INCD D4CARN D4CRN05C D4PBPR D4PBP05C D4ST D4RGN D4DGRUS	D5INCD D5CARN D5CRN05C D5PBPR D5PBP05C D5ST D5RGN D5DGRUS
NMRMED NMRMEDX NMRMEDP**	NBAMED NBAMEDX NBAMEDP**	NSDRMED	NDGRMED NHDMEDX NDGMEDP**	ND2MED ND2MEDX	ND3MED ND3MEDX	ND4MED ND4MEDX	ND5MED ND5MEDX
NMRMENG NMRMEMG*	NBAMENG NBAMEMG*	NSDRMEN NSDRMEM	NDGMENG NDGMEMG*	ND2MENG ND2MEMG	ND3MENG ND3MEMG	ND4MENG ND4MEMG	ND5MENG ND5MEMG
MRCAR* MRGRD MRCHG* MRSKL* MRLIC* MRADV* MREM MRINT* MROT MROTP**			HDCAR HDGRD HDCHG HDSKL HDLIC HDADV HDEM HDINT HDOT	D2CAR D2GRD D2CHG D2SKL D2LIC D2ADV D2EM D2INT D2OT	D3CAR D3GRD D3CHG D3SKL D3LIC D3ADV D3EM D3INT D3OT	D4CAR D4GRD D4CHG D4SKL D4LIC D4ADV D4EM D4INT D4OT	D5CAR D5GRD D5CHG D5SKL D5LIC D5ADV D5EM D5INT D5OT