



2013

Survey of Doctorate Recipients

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



The National Science Foundation *and* The National Institutes of Health

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NOTE:

This questionnaire has been annotated to aid data users in matching SESTAT variables to the questionnaire. Red 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 blue text boxes and placed near the variables or questions used to create the recodes.

* denotes variables only available in the restricted-use data

INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. Directions for filling it out are provided with each question.

- In order to get comparable data, we will be asking you to refer to the week of February 1, 2013, when answering most questions.
- Follow all appropriate skip instructions after marking a box. If no skip instruction is provided, you should continue to the next question.

Thank you again for your help; we really appreciate it.

Part A - Employment Situation

A1. Were you working for pay or profit during the week of February 1, 2013? 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.

Yes → **Go to question A8**

No

LFSTAT

A2. (If No) Did you look for work during the four weeks preceding February 1, 2013? This would be between January 4th and February 1st. LOOKWK

Yes

No

A3. What were your reasons for not working during the week of February 1, 2013?

Mark Yes or No for each item.

		Yes	No
		↓	↓
1	Retired		NWRET*

Year retired

If Yes → NWRTYR*

2 On layoff from a job NWLAY

3 Student NWSTU

4 Family responsibilities NWFAM

5 Chronic illness or permanent disability NWill*

6 Suitable job not available Nwocna

7 Did not need or want to work Nwnond

8 Other – Specify NWOT

NWOTP

A4. Prior to the week of February 1, 2013, when did you last work for pay or profit?

← Mark this box if you never worked for pay or profit and then go to page 10, question D1

LWNVR*

Month Year

LAST WORKED LWMN* LWYR*

A5. What was the title of the last job you held prior to the week of February 1, 2013?

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 16-17, choose the code that best describes the last job you held prior to the week of February 1, 2013.

N2OCLST*

N2OCLSTX*

CODE N2OCMLST*

N2OCLNST*

Go to page 8, question A42

A8. Although you were working during the week of February 1, had you previously retired from any position? FTPRET

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

Year retired

Yes → FTPRTYR*

No

Principal Employer

A9. Who was your principal employer during the week of February 1, 2013?

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	INSTCOD*
Department/Division	CARNEG*
City/Town	PUBPRI*
State/Territory	CARN05C*
ZIP Code	EMST* EMRG* EMUS*
	PBPR05C*

A10. 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

A11. Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.

Mark one answer.

EMSIZE

- 1 10 or fewer employees
- 2 11 - 24 employees
- 3 25 - 99 employees
- 4 100 - 499 employees
- 5 500 - 999 employees
- 6 1,000 - 4,999 employees
- 7 5,000 - 24,999 employees
- 8 25,000 or more employees

A12. Did your principal employer come into being as a new business within the past 5 years?

- 1 Yes
- 2 No

NEWBUS

A13. Which one of the following best describes your principal employer during the week of February 1, 2013? Were you...

NEDTP*

Mark one answer.

- 1 SELF-EMPLOYED or a BUSINESS OWNER in a non-incorporated business, professional practice, or farm
- 2 in an incorporated business, professional practice, or farm
- 3 PRIVATE SECTOR employee in a for-profit company or organization
- 4 in a non-profit organization (including tax-exempt and charitable organizations)
- 5 GOVERNMENT employee 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)
- 9 OTHER type of employee – Specify type of employer ↴

EMTP*
EMSECDT*
EMSECSM*
EMSECPB

A14. Was your principal employer an educational institution?

- 1 Yes EMED*
- 2 No → **Go to page 4, question A19**

A15. (If Yes) Was the educational institution where you worked a...

EDTP*

Mark one answer.

- 1 Preschool, elementary, middle, or secondary school or system } → **Go to page 4, question A19**
- 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 institute
- 6 Other – Specify

A16. During the week of February 1, 2013, what type of academic position(s) did you hold at this institution?

ACADNA

ACADADMN

Mark Yes or No for each item.

- | | Yes | No | |
|--|-----|----|-----------|
| 1 President, Provost, or Chancellor (any level)..... | ↓ | ↓ | ACADPRES* |
| 2 Dean (any level), department head, or department chair | | | ACADDEAN* |
| 3 Research faculty, scientist, associate, or fellow..... | | | ACADRCHF |
| 4 Teaching faculty | | | ACADTCHF |
| 5 Adjunct faculty | | | ACADADJF |
| 6 Postdoc (e.g., postdoctoral fellow or associate)..... | | | ACADPDOC |
| 7 Research assistant..... | | | ACADRA* |
| 8 Teaching assistant | | | ACADTA* |
| 9 Other position – Specify <input style="width: 50px;" type="text"/> | | | ACADOTHR* |

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

ACADOTHP

A17. What was your faculty rank?

Mark one answer.

FACRANK*

- 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

A18. What was your tenure status?

TENSTA*

TENI*

Mark one answer.

- 1 Not applicable: no tenure system at this institution
- 2 Not applicable: no tenure system for my position
- 3 Tenured →

Year	tenured

TENYR*
- 4 On tenure track but not tenured
- 5 Not on tenure track

A27. To what extent was your work on your principal job related to your first U.S. doctoral degree? Was it...

Mark one answer.

OCEDRLP

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

Go to question A30

A28. (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.

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

A29. Which two factors in question A28 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 A28 above.

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

A30. 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 Accounting, finance, contracts | WAACC | |
| 2 Basic research – study directed toward gaining scientific knowledge primarily for its own sake | WABRSH | |
| 3 Applied research – study directed toward gaining scientific knowledge to meet a recognized need | WAAPRSH | |
| 4 Development – using knowledge gained from research for the production of materials, devices | WADEV | |
| 5 Design of equipment, processes, structures, models | WADSN | |
| 6 Computer programming, systems or applications development | WACOM | |
| 7 Human resources – including recruiting, personnel development, training | WAEMRL | |
| 8 Managing or supervising people or projects | WAMGMT | |
| 9 Production, operations, maintenance (e.g., chip production, operating lab equipment) | WAPROD | |
| 10 Professional services (e.g., health care, counseling, financial services, legal services) | WASVC | |
| 11 Sales, purchasing, marketing, customer service, public relations | WASALE | |
| 12 Quality or productivity management | WAQM | |
| 13 Teaching | WATEA | |
| 14 Other – Specify <input checked="" type="checkbox"/> | WAOT | |

- | | | | |
|---------------|---------------|---------------|---------------|
| ACTCAP | ACTMGT | ACTRDT | ACTTCH |
| ACTDED | ACTRD | ACTRES | |

A31. On which two activities in question A30 did you work the most hours during a typical week on this job?

Enter number of appropriate activity from question A30 above.

- 1 Activity most hours **WAPRI**
- 2 Activity second most hours **WASEC**
(Enter "0" if no second most)

A32. Did you supervise the work of others as part of the principal job you held during the week of February 1, 2013?

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 A34**

A33. (If Yes) How many people did you typically...

Number supervised

- 1 Supervise directly? **SUPDIR***
(If none, enter "0")
- 2 Supervise indirectly through subordinate supervisors? **SUPIND***
(If none, enter "0")

A34. Thinking about your principal job held during the week of February 1, please rate your satisfaction with that job's...

Mark one answer for each item.

	Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
	↓	↓	↓	↓
1 Salary	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATSAL
2 Benefits.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATBEN
3 Job security	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATSEC
4 Job location	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATLOC
5 Opportunities for advancement.....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATADV
6 Intellectual challenge	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATCHAL
7 Level of responsibility	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATRESP
8 Degree of independence	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATIND
9 Contribution to society....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	SATSOC

A35. How would you rate your overall satisfaction with the principal job you held during the week of February 1, 2013?

JOBSATIS

Mark one answer.

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

A36. As of the week of February 1, 2013, 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.

\$, , , , .00
ANNUAL SALARY OR EARNED INCOME

A37. Was this salary based on a 52-week year, or less than that?

Include paid vacation and sick leave.

1 52-week year

2 Less than 52 weeks

NUMBER OF WEEKS PER YEAR

A38. During a typical week on your principal job, how many hours did you work?

NUMBER OF HOURS WORKED PER WEEK

If fewer than 35 hours, go to question A39.

If 35 or more hours, go to question A41.

A39. (If fewer than 35 hours) Did you want to work 35 or more hours per week on your principal job?

1 Yes

2 No

A40. 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 February 1, 2013?

Mark Yes or No for each item.

	Yes ↓	No ↓
1 Previously retired or semi-retired	<input type="text" value="PJRET*"/>	
Year retired		
If Yes →	<input type="text" value="PJRETYR*"/>	
2 Student	<input type="text" value="PJSTU*"/>	
3 Family responsibilities	<input type="text" value="PJFAM"/>	
4 Full-time job not available.....	<input type="text" value="PJOCNA"/>	
5 Held more than one job	<input type="text" value="PJHAJ*"/>	
6 Did not need or want to work more hours.....	<input type="text" value="PJNOND"/>	
7 Other – Specify ▾	<input type="text" value="PJOT*"/>	
<input type="text"/>	<input type="text" value="PJTOP"/>	

A41. Concerning your principal job during the week of February 1, 2013, were any of the following benefits available to you, even if you chose not to take them?

Mark Yes or No for each item.

	Yes ↓	No ↓
1 Health insurance that was at least partially paid by your employer.....	<input type="text" value="JOBINS"/>	
2 A pension plan or a retirement plan to which your employer contributed.....	<input type="text" value="JOBPENS"/>	
3 A profit-sharing plan	<input type="text" value="JOBPROFT"/>	
4 Paid vacation, sick, or personal days	<input type="text" value="JOBVAC"/>	

A42. Thinking back now to 2012, was any of your work during 2012 supported by contracts or grants from the U.S. government?

FEDERAL EMPLOYEES: Please answer "No."

GOVSUP

Mark one answer.

- 0 Did not work in 2012 → **Go to question B1 on this page**
 - 1 Yes
 - 2 No
 - 3 Don't know
- } → **Go to question A44**

A43. (If Yes) Which Federal agencies or departments were supporting your work?

Mark all that apply.

- 1 Department of Defense (DOD) **FSDOD**
- 2 Department of Education **FSEDE**
- 3 Department of Energy (DOE) **FSDOE**
- 4 National Institutes of Health (NIH) **FSNIH**
- 5 Department of Health and Human Services (except NIH) **FSHHS**
- 6 National Science Foundation (NSF) **FSNSF**
- 7 Other – Specify **FSOT**
- 8 DON'T KNOW SOURCE AGENCY **FSDK**

A44. Counting all jobs held in 2012, what was your total earned income for 2012, before deductions?

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

\$, **EARN*** , .00
TOTAL 2012 EARNED INCOME

Part B - Past Employment

B1. Were you working for pay or profit during both of these time periods – the week of October 1, 2010, and the week of February 1, 2013?

WRKGP*
WRKGPIP

- 1 Yes
- 2 No → **Go to page 9, question C1**

B2. (If Yes) During these two time periods – the week of October 1, 2010, and the week of February 1, 2013 – were you working for...

Mark one answer. **EMSMI**

- 1 Same employer and in same type of job } → **Go to page 9, 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
↓ |
|--|--------------------------|--------------------------|
| 1 Pay, promotion opportunities | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Working conditions (e.g., hours, equipment, working environment)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Job location | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Change in career or professional interests | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Family-related reasons (e.g., children, spouse's job moved) | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 School-related reasons (e.g., returned to school, completed a degree)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 Retired | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 Some other reason – Specify <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CHPAY*
CHCON*
CHLOC*
CHCHG*
CHFAM*
CHSCH*
CHLAY*
CHRET*
CHOT*

Part C - Other Work-Related Experiences

C1. During the past 12 months, did you take any work-related training, such as workshops or seminars?

WKTRNI* WKTRNIP

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 question C4

C2. (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 |
|--|-----------------------------------|--------------------------|
| 1 To improve skills or knowledge in your current occupational field..... | ↓ | ↓ |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> WTRSKL | |
| 2 To increase opportunities for promotion or advancement in your current occupational field..... | | |
| | <input type="checkbox"/> WTROPPTS | |
| 3 For licensure or certification in your current occupational field..... | | |
| | <input type="checkbox"/> WTRLIC | |
| 4 To facilitate a change to a different occupational field..... | | |
| | <input type="checkbox"/> WTRCHOC | |
| 5 Required or expected by employer. | | |
| | <input type="checkbox"/> WTREM | |
| 6 For leisure or personal interest..... | | |
| | <input type="checkbox"/> WTRPERS | |
| 7 Other – Specify <input type="checkbox"/> | | |
| | <input type="checkbox"/> WTROT | |

C3. What was your most important reason from question C2 for taking training?

Enter number of appropriate reason from question C2 above.

MOST IMPORTANT REASON WTREASN

C4. During the past 12 months, did you attend any professional society or association meetings or professional conferences?

Include regional, national, or international meetings.

1 Yes PROMTGI*
 2 No PROMTGIP

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

If none, enter "0."

NUMBER PRMBR* PRMBRIPB

C6. When thinking about a job, how important is each of the following factors to you?

Mark one answer for each item.

- | | Very important | Somewhat important | Somewhat unimportant | Not important at all |
|--------------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------------|
| | ↓ | ↓ | ↓ | ↓ |
| 1 Salary..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACSAL* |
| 2 Benefits..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACBEN* |
| 3 Job security..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACSEC* |
| 4 Job location..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACLOC* |
| 5 Opportunities for advancement..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACADV* |
| 6 Intellectual challenge..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACCHAL* |
| 7 Level of responsibility..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACRESP* |
| 8 Degree of independence..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACIND* |
| 9 Contribution to society..... | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | <input type="checkbox"/> FACSOC* |

Part D - Recent Educational Experiences

D1. Between October 2010 and February 2013, did you complete another degree such as a master's or another doctorate?

1 Yes

2 No → Go to page 11, question D7

TCDGCMF

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.

MRDG

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)

4 Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – 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	1	
--	--	---	---	---	--

MRMN*

MRYR*

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

College or University Name

MRINCD*

Department

MRCARN*

City/Town

MRPBPR*

MRCRN05C*

State/Foreign Country

MRST*

MRPB05C*

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

MRCAR

2 To prepare for graduate school or further education

MRGRD*

3 To change your academic or occupational field

MRCHG

4 To gain further skills or knowledge in your academic or occupational field

MRSKL

5 For licensure or certification

MRLIC

6 To increase opportunities for promotion, advancement, or higher salary

MRADV

7 Required or expected by employer

MREM*

8 For leisure or personal interest

MRINT

9 Other – Specify

MROT*

MROTP

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.

The responses to questions D2 - D6 will only be placed in the most-recent-degree variables if it is determined that the degree entered in question D2 is the most recent degree on record for the 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.

D7. During the week of February 1, 2013, were you enrolled in or taking courses at a college or university?

ACSIN

- 1 Yes
- 2 No → **Go to page 12, question E1**

D8. (If Yes) Were you taking courses or enrolled as...

Mark one answer.

ACFPT

- 1 A full-time student in a degree program
- 2 A part-time student in a degree program
- 3 Not enrolled in a degree program, but taking courses

D9. Toward what degree were you working?

If you were working toward more than one degree, mark the level for the highest degree.

Mark one answer.

ACDRG

- 0 No specific degree → **Go to question D11**
- 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)
- 4 Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – Specify type
- 5 Other – Specify type

D10. What was the primary field of study for this degree?

PRIMARY FIELD OF STUDY

- NACED***
- NACEDX***
- NACEDMG**
- NACEDNG***

D11. For which of the following reasons were you taking courses or enrolled?

Mark Yes or No for each item.

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

ACCAR

ACGRD*

ACCHG

ACSKL

ACLIC

ACADV

ACEM*

ACINT

ACOT*

ACOTP

D12. Were any of your school-related costs for taking courses paid for by an employer?

- 1 Yes
- 2 No

ACCCEP

Part E - Demographic Information

E1. On February 1, 2013, were you... MARSTA*

Mark one answer.

MARIND*

- 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 February 1, 2013, was your spouse or partner working? SPOWK*

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

E3. (If Yes) 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.

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

E4. As of the week of February 1, 2013, 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.

CHLVIN*

- 1 Yes
- 2 No → **Go to page 13, 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* |

CHU2IN	CH25IN	CH611IN
CH1218IN	CH19IN	CH6IN
CHTOTPB	CH6*	CHUN12

E6. On February 1, 2013, were you living in the United States or Puerto Rico, another U.S. territory, or were you living in another country?

Mark one answer.

- 1 United States or Puerto Rico
- 2 Another U.S. territory
- 3 Another country – Specify

RESIDE*

FNINUS*

RESIDEV*

E7. On February 1, 2013, were you a...

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

CTZUSIN

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 U.S. citizen parent(s)
 - 3 By naturalization
- Go to question E11

CTZUS

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

CTZFOR*

CTZN*

E10. Of which country are you a citizen?

FNCCD*

COUNTRY

FNCRGN*

E11. What is your birthdate?

Note: Birth date variables (i.e., BIRMN, BIRDAY, and BIRYR) are collected, but not released on data files to protect respondent confidentiality.

Month Day Year 1 9

BIRMN* BIRDAY* BIRYR*

AGE* AGEGR* AGE

Variables derived from external sources:

- REFID
- COHORT
- REFYR
- SURID
- VALIND*
- SRVMODE
- SE_FLAG*
- WTSURVY
- RESPLO3*
- RESPLOC*
- RESPLCUS*
- BAIND*
- BTHST*
- BTHRGN*
- BTHUS
- EDDAD*
- EDMOM*
- GENDER
- NATIVE*
- PACIFIC*
- ASIAN*
- BLACK*
- WHITE*
- HISPANIC*
- HISPCAT*
- RACEM*
- RACETHM*
- RACETHMP
- MINRTY
- WEIGHT (available on SESTAT integrated file only)

The following variables are recoded for public use and therefore only available on the public-use file:

- | | | |
|----------|----------|----------|
| ACADADMN | ACADOTHP | ACOT |
| AGEP | BA03Y5P | CHTOTPB |
| EMSECPB | HD03Y5P | HRSWKP |
| MR03Y5P | MROTP | N2OCPRPB |
| NDGMEDP | NMRMEDP | NWOTP |
| PJOTP | PRMBRIPB | PROMTGIP |
| RACETHMP | SALARP | WKSWKP |
| WKTRNIP | WKRGP | |

E12. The next several questions are designed to help us better understand the career paths of individuals with specific functional limitations.

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

Mark one answer for each item.

	None	Slight	Moderate	Severe	Unable to do
	↓	↓	↓	↓	↓
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"/>	DIFSEE*
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"/>	DIFHEAR*
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"/>	DIFWALK*
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"/>	DIFLIFT*
5 CONCENTRATING, REMEMBERING, or MAKING DECISIONS because of a physical, mental, or emotional condition	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	DIFCOGN*

HCAPIN*

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

DIFNO*

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

AGE OR ← SINCE BIRTH

DIFAGE* **DIFBIR***

DIFAGEGR*

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.

	Home	Work	Cell
	↓	↓	↓
Daytime Phone Number	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
<input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/>			
Area Code Number			
Evening Phone Number	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
<input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/>			
Area Code Number			
Other Phone Number	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
<input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/> - <input style="width: 30px; height: 20px;" type="text"/>			
Area Code Number			

Email Address @

E17. Because we are interested in how education and employment change over time, we may be contacting you in 2015. 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 2015.

Person 1

First Name	MI	Last Name
Number and Street		
City/Town	State	ZIP Code
Country (if outside of U.S.)		
Area Code	Number	

Person 2

First Name	MI	Last Name
Number and Street		
City/Town	State	ZIP Code
Country (if outside of U.S.)		
Area Code	Number	

E18. How would you like to complete future rounds of this survey?

Mark one answer.

- 1 A questionnaire sent in the mail
- 2 A web questionnaire on the Internet
- 3 A telephone interview
- 4 No preference

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.

• 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		
• Clerical/Administrative Support Occupations	031	Accounting clerks and bookkeepers	033	OTHER administrative (e.g., record clerks, telephone operators)
	032	Secretaries, receptionists, typists		
• Clergy/Other Religious Workers	040	Clergy and other religious workers		
• 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>	056	Database administrators
	051	Computer & information scientists, research	057	Information security analysts
	052	Computer network architect	058	Network and computer systems administrators
	053	Computer programmers (business, scientific, process control)	059	Software developers – applications and systems software
	054	Computer support specialists	060	Web developers
	055	Computer system analysts	061	OTHER computer and information science occupations
• Consultants	<i>Find the category on page 16 or 17 that comes closest to your field of consulting and select the code</i>			
• Counselors	070	Counselors (Educational, vocational, mental health and substance abuse) <i>Also consider 236 Psychologists, including clinical</i>		
• 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
• 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		
• Farmers/Foresters/Fishermen	110	Farmers, foresters and fishermen		
• Health Occupations	111	Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	236	Psychologists, including clinical – <i>Also consider 070 Counselors</i>
	112	Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners	113	Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)
			114	OTHER health occupations
• Lawyers/Judges	120	Lawyers, judges		
• Librarians/Archivists/Curators	130	Librarians, archivists, curators		
• Managers and Supervisors, First-Line	<i>Find the category on page 16 or 17 that best describes the occupation of the people you manage and select the code</i>			
• Managers, Top-level Executives/Administrators	141	Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)		
• 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 142 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 16 or 17 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)		

THANK YOU FOR COMPLETING THE QUESTIONNAIRE.

Please return the completed form within two weeks in the envelope provided.

If you have any questions or need assistance, please visit our SDR website at www.norc.uchicago.edu/sdr, call us toll-free at 1-800-685-1663, or email us at SDR@norc.uchicago.edu. If you cannot find the envelope or would like another, please email or call us.

Our mailing address is:

2013 Survey of Doctorate Recipients
c/o NORC at the University of Chicago
1 North State Street, 16th Floor
Chicago, IL 60602-3305

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* SER5YR* SDRAYR *	DGRDG HDMN* DGRYR* HDACY3* HDAY5* HDACYR* HD03Y5P	D2DG* D2MN* D2YR* D23YR* D25YR* D2AYR*	D3DG* D3MN* D3YR* D33YR* D35YR* D3AYR*	D4DG* D4MN* D4YR* D43YR* D45YR* D4AYR*	D5DG* D5MN* D5YR* D53YR* D55YR* D5AYR*
MRINCD* MRCARN* MRCRN05C* MRPBPR* MRPBP05C* MRST* MRRGN* MRDGRUS*	BAINCD* BACARN* BACRN05C* BAPBPR* BAPBP05C* BAST* BARGN* BADGRUS*	SDRINCD* SDRCARN* SDRCRN05C* SDRPBPR* SDRPBP05C* SDRST* SDRRGN*	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 NMRMENG* NMRMEMG	NBAMED* NBAMEDX* NBAMEDP NBAMENG* NBAMEMG	NSDRMED* NSDRMEN* NSDRMEM*	NDGRMED* NHDMEDX* NDGMEDP NDGMENG* NDGMEMG	ND2MED* ND2MEDX* ND2MENG* ND2MEMG*	ND3MED* ND3MEDX* ND3MENG* ND3MEMG*	ND4MED* ND4MEDX* ND4MENG* ND4MEMG*	ND5MED* ND5MEDX* ND5MENG* ND5MEMG*
MRCAR MRGRD* MRCHG MRSKL MRLIC MRADV MREM* MRINT MR0T* MROTP	BAIND*		HDCAR* HDGRD* HDCHG* HDSKL* HDLIC* HADV* 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*