



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

Part A - Employment Situation

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

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.

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.

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

If Yes →

--	--	--	--

Year retired

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

3 Student..... 1 2

4 Family responsibilities 1 2

5 Chronic illness or permanent disability 1 2

6 Suitable job not available 1 2

7 Did not need or want to work 1 2

8 Other – Specify 1 2

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**

Month Year

LAST WORKED

--	--

--	--	--	--

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

--	--	--

 → **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
Department/Division
City/Town
State
ZIP Code

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

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

Mark one answer.

- 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+ 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* ↴

--

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, } **Go to page 3, question A17**
or secondary school or system }
- 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* ↴

--

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

Mark Yes or No for each item.

- | | Yes | No |
|---|---------------------------------|---------------------------------|
| 1 President, Provost, or Chancellor (any level) | ↓
1 <input type="checkbox"/> | ↓
2 <input type="checkbox"/> |
| 2 Dean (any level), department head or chair | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 Research faculty, scientist, associate, or fellow | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4 Teaching faculty | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5 Adjunct faculty | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 6 Postdoc (e.g., postdoctoral fellow or associate) | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 7 Research assistant | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 8 Teaching assistant | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 9 Other position – Specify ▾ | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A15. What was your faculty rank?

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?

Mark one answer.

- 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

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

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 |
|---|---------------------------------|---------------------------------|
| 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 ▾ | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

A21. Was this job a “postdoc?”

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.

- | | 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 Most important reason
- 2 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

Month			Year				
-------	--	--	------	--	--	--	--

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

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.

- | | 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 Most important reason
- 2 Second most important reason
(Enter “0” if no second reason)

A34. 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

A35. 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 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?

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 Previously retired or semi-retired 1 2

Year retired

If Yes →

--	--	--	--

2 Student..... 1 2

3 Family responsibilities 1 2

4 Chronic illness or disability 1 2

5 Full-time job not available 1 2

6 Held more than one job..... 1 2

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

8 Other – *Specify* ✓ 1 2

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?

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.

CODE

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
↓ |
|---|----------------------------|----------------------------|
| 1 To improve skills or knowledge in your current occupational field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 2 To increase opportunities for promotion or advancement in your current occupational field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3 For licensure or certification in your current occupational field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4 To facilitate a change to a different occupational field | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5 Required or expected by employer | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 6 For leisure or personal interest | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 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?

- 1 Yes
- 2 No → **Go to page 10, question E1**

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

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 <u>further</u> 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"/> |

Part E - Demographic Information

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

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?

- 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.

- | | 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?

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	<input style="width: 50px; height: 20px;" type="text"/>
2 Aged 2-5.....	<input style="width: 50px; height: 20px;" type="text"/>
3 Aged 6-11.....	<input style="width: 50px; height: 20px;" type="text"/>
4 Aged 12-18.....	<input style="width: 50px; height: 20px;" type="text"/>
5 Aged 19 or older.....	<input style="width: 50px; height: 20px;" type="text"/>

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?

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

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?

FOREIGN COUNTRY

E11. What is your birthdate?

Month Day Year **19**

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 ↓
1 SEEING words or letters in ordinary newspaper (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"/>
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"/>
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"/>
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.

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

AGE OR ← SINCE BIRTH

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.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">First Name</td> <td style="width: 10%;">MI</td> <td style="width: 20%;">Last Name</td> </tr> <tr> <td colspan="3">Number and Street</td> </tr> <tr> <td>City/Town</td> <td>State</td> <td>ZIP Code</td> </tr> <tr> <td colspan="3">Country (if outside of U.S.)</td> </tr> <tr> <td><input type="text"/> <input type="text"/> <input type="text"/></td> <td>-</td> <td><input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></td> </tr> <tr> <td style="font-size: small;">Area Code</td> <td></td> <td style="font-size: small;">Number</td> </tr> </table>	First Name	MI	Last Name	Number and Street			City/Town	State	ZIP Code	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"/>	Area Code		Number	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">First Name</td> <td style="width: 10%;">MI</td> <td style="width: 20%;">Last Name</td> </tr> <tr> <td colspan="3">Number and Street</td> </tr> <tr> <td>City/Town</td> <td>State</td> <td>ZIP Code</td> </tr> <tr> <td colspan="3">Country (if outside of U.S.)</td> </tr> <tr> <td><input type="text"/> <input type="text"/> <input type="text"/></td> <td>-</td> <td><input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></td> </tr> <tr> <td style="font-size: small;">Area Code</td> <td></td> <td style="font-size: small;">Number</td> </tr> </table>	First Name	MI	Last Name	Number and Street			City/Town	State	ZIP Code	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"/>	Area Code		Number
First Name	MI	Last Name																																			
Number and Street																																					
City/Town	State	ZIP Code																																			
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"/>																																			
Area Code		Number																																			
First Name	MI	Last Name																																			
Number and Street																																					
City/Town	State	ZIP Code																																			
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"/>																																			
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 022 Biochemists and biophysicists 023 Biological scientists (e.g., botanists, ecologists, zoologists) 024 Forestry and conservation scientists	025 Medical scientists (excluding practitioners) 026 Technologists and technicians in the biological/life sciences 027 OTHER biological and life scientists
<ul style="list-style-type: none"> ● Clerical/Administrative Support Occupations 	031 Accounting clerks and bookkeepers 032 Secretaries, receptionists, typists	033 OTHER administrative (e.g., record clerks, telephone operators)
<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> 051 Computer & information scientists, research 052 Computer programmers (business, scientific, process control) 053 Computer support specialists 054 Computer system analysts	055 Database administrators 056 Network and computer systems administrators 057 Network systems and data communications analysts 058 OTHER computer and information science occupations
<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 082 Aeronautical/aerospace/astronautical engineers 083 Agricultural engineers 084 Bioengineers or biomedical engineers 085 Chemical engineers 086 Civil, including architectural/sanitary engineers 087 Computer engineers – hardware 088 Computer engineers – software 089 Electrical and electronics engineers	090 Environmental engineers 091 Industrial engineers 092 Marine engineers and naval architects 093 Materials and metallurgical engineers 094 Mechanical engineers 095 Mining and geological engineers 096 Nuclear engineers 097 Petroleum engineers 098 Sales engineers 099 OTHER engineers
<ul style="list-style-type: none"> ● Engineering Technologists/Technicians/Surveyors 	100 Electrical, electronic, industrial, and mechanical technicians 101 Drafting occupations, including computer drafting 102 Surveying and mapping technicians	103 OTHER engineering technologists and technicians 104 Surveyors, cartographers, photogrammetrists
<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) 112 Registered nurses, pharmacists, dieticians, therapists, physician assistants 236 Psychologists, including clinical – <i>Also consider 070 Counselors</i>	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
<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

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, follow the "Request an Envelope" link on the SDR website or call us.

Our mailing address is:

**2008 Survey of Doctorate Recipients
c/o NORC at the University of Chicago
1 North State Street, 16th Floor
Chicago, IL 60602-3305**

- Results of the Survey of Doctorate Recipients can be found on the National Science Foundation's Website at <http://www.nsf.gov/statistics/doctoratework>.
- You are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget. The approval number for this survey is 3145-0020.