2008 Survey of Doctorate Recipients

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

National Science Foundation

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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.

1 Retired.................................................. 1   2

If Yes

Yes   No

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?

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

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.

Go to page 7, question A43
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, 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 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.

1. President, Provost, or Chancellor (any level) ............................................. Yes No
2. Dean (any level), department head or chair .................................................. Yes No
3. Research faculty, scientist, associate, or fellow ........................................... Yes No
4. Teaching faculty ................................................................. Yes No
5. Adjunct faculty ................................................................. Yes No
6. Postdoc (e.g., postdoctoral fellow or associate) ......................................... Yes No
7. Research assistant ............................................................... Yes No
8. Teaching assistant ............................................................... Yes No
9. Other position – Specify .............................................................................. Yes No

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

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.

1. Engineering, computer science, math, or the natural sciences
2. The social sciences
3. Some other field (e.g., health, business, or education) – Specify

...
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.

1  Additional training in PhD field ............
2  Training in an area outside of PhD field...........................
3  Work with a specific person or place ................................
4  Other employment not available...........
5  Postdoc generally expected for a career in this field ................................
6  Some other reason – Specify

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)?

Month  Year
PRINCIPAL JOB STARTED

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 → Go to question A28
2  Somewhat related
3  Not related

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.

1  Pay, promotion opportunities ................
2  Working conditions (e.g., hours, equipment, working environment)...........
3  Job location...........................................
4  Change in career or professional interests ..................................
5  Family-related reasons (e.g., children, spouse’s job moved) ..............
6  Job in doctoral degree field not available.................................
7  Some other reason – Specify

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)
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.

1. Accounting, finance, contracts
2. Basic research – study directed toward gaining scientific knowledge primarily for its own sake
3. Applied research – study directed toward gaining scientific knowledge to meet a recognized need
4. Development – using knowledge gained from research for the production of materials, devices
5. Design of equipment, processes, structures, models
6. Computer programming, systems or applications development
7. Human resources – including recruiting, personnel development, training
8. Managing or supervising people or projects
9. Production, operations, maintenance (e.g., chip production, operating lab equipment)
10. Professional services (e.g., health care, counseling, financial services, legal services)
11. Sales, purchasing, marketing, customer service, public relations
12. Quality or productivity management
13. Teaching
14. Other – Specify

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.

1. Activity most hours
2. Activity second most hours

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

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 directly
2. Supervise indirectly through subordinate supervisors

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

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.

$ , , , .00

ANNUAL SALARY OR EARNED INCOME
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.

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 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?

- Yes
- 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...

Mark one answer.

- Same employer and in same type of job → Go to page 8, question C1
- Same employer but in different type of job
- Different employer but in same type of job
- 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.

- Pay, promotion opportunities ...............1 2
- Working conditions (e.g., hours, equipment, working environment) ...........1 2
- Job location ...........................................1 2
- Change in career or professional interests ........................................1 2
- Family-related reasons (e.g., children, spouse’s job moved) ..............1 2
- School-related reasons (e.g., returned to school, completed a degree) ........................................1 2
- Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) ........................................1 2
- Retired ...........................................1 2
- Some other reason – Specify 1 2

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

Mark one answer.

- Closely related
- Somewhat related
- 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?

FEDERAL EMPLOYEES: Please answer “No.”

Mark one answer.

- Did not work in 2007 → Go to question B1 on this page
- Yes
- No
- Don’t know

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

$ , .00

TOTAL 2007 EARNED INCOME
### Part C - Other Work-Related Experiences

#### C1. Since October 2003, how many…

<table>
<thead>
<tr>
<th>Number</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Papers have you (co)authored for presentation at regional, national or international conferences? <em>(Do not count presentations of the same work more than once.)</em></td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
<tr>
<td>2</td>
<td>Articles, (co)authored by you, have been accepted for publication in a refereed professional journal?</td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
<tr>
<td>3</td>
<td>Books or monographs, (co)authored by you, have been published or accepted for publication?</td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
</tbody>
</table>

#### 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…

<table>
<thead>
<tr>
<th>Number</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>How many applications for U.S. patents have named you as an inventor?</td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
<tr>
<td>2</td>
<td>How many U.S. patents have been granted to you as an inventor?</td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
<tr>
<td>3</td>
<td>How many of the patents recorded as granted (in category 2 above) have resulted in commercialized products or processes or have been licensed?</td>
</tr>
<tr>
<td></td>
<td><em>(If none, enter “0”)</em></td>
</tr>
</tbody>
</table>

#### 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.

1. To improve skills or knowledge in your current occupational field......
2. To increase opportunities for promotion or advancement in your current occupational field......
3. For licensure or certification in your current occupational field......
4. To facilitate a change to a different occupational field......
5. Required or expected by employer......
6. For leisure or personal interest......
7. Other – Specify......

#### 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

200

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

2. To prepare for graduate school or further education

3. To change your academic or occupational field

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

5. For licensure or certification

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

7. Required or expected by employer

8. For leisure or personal interest

9. Other – Specify
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

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.

1 Yes   No  
   Engineering, computer science, math, or the natural sciences ..............
2 Yes   No  
   The social sciences........................................
3 Yes   No  
   Some other field (e.g., health, business, or education) – Specify

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 ...........................................
2 Aged 2-5...........................................
3 Aged 6-11...........................................
4 Aged 12-18.........................................
5 Aged 19 or older.................................

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

E10. Of which foreign country are you a citizen?

FOREIGN COUNTRY

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

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.

- SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them)
- HEARING what is normally said in conversation with another person (with hearing aid, if you usually wear one)
- WALKING without human or mechanical assistance or using stairs
- LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries

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

Evening Phone 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 | MI | Last Name
--- | --- | ---
Number and Street
City/Town | State | ZIP Code
Country (if outside of U.S.)

E18. PLEASE TURN TO THE BACK COVER FOR THE LAST QUESTION (E19).
<table>
<thead>
<tr>
<th>JOB CATEGORY</th>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological/Life Scientists</td>
<td>021</td>
<td>Agricultural and food scientists</td>
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<tr>
<td></td>
<td>022</td>
<td>Biochemists and biophysicists</td>
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<tr>
<td></td>
<td>023</td>
<td>Biological scientists (e.g., botanists, ecologists, zoologists)</td>
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<td></td>
<td>024</td>
<td>Forestry and conservation scientists</td>
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<tr>
<td></td>
<td>025</td>
<td>Medical scientists (excluding practitioners)</td>
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<tr>
<td></td>
<td>026</td>
<td>Technologists and technicians in the biological/life sciences</td>
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<tr>
<td></td>
<td>027</td>
<td>OTHER biological and life scientists</td>
</tr>
<tr>
<td>Clerical/Administrative Support Occupations</td>
<td>031</td>
<td>Accounting clerks and bookkeepers</td>
</tr>
<tr>
<td></td>
<td>032</td>
<td>Secretaries, receptionists, typists</td>
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<tr>
<td></td>
<td>033</td>
<td>OTHER administrative (e.g., record clerks, telephone operators)</td>
</tr>
<tr>
<td>Clergy/Other Religious Workers</td>
<td>040</td>
<td>Clergy and other religious workers</td>
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<tr>
<td>Computer Occupations</td>
<td>***</td>
<td>Computer engineers – Also consider 173 Operations research analysts, including modeling</td>
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<tr>
<td></td>
<td>051</td>
<td>Computer &amp; information scientists, research</td>
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<td></td>
<td>052</td>
<td>Computer programmers (business, scientific, process control)</td>
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<td></td>
<td>053</td>
<td>Computer support specialists</td>
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<td></td>
<td>054</td>
<td>Computer system analysts</td>
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<td></td>
<td>055</td>
<td>Database administrators</td>
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<td></td>
<td>056</td>
<td>Network and computer systems administrators</td>
</tr>
<tr>
<td></td>
<td>057</td>
<td>Network systems and data communications analysts</td>
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<tr>
<td></td>
<td>058</td>
<td>OTHER computer and information science occupations</td>
</tr>
<tr>
<td>Consultants</td>
<td></td>
<td>Find the category on page 13 or 14 that comes closest to your field of consulting and select the code</td>
</tr>
<tr>
<td>Counselors</td>
<td>070</td>
<td>Counselors (Educational, vocational, mental health and substance abuse)</td>
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<tr>
<td></td>
<td></td>
<td>Also consider 236 Psychologists, including clinical</td>
</tr>
<tr>
<td>Engineers/Architects</td>
<td>081</td>
<td>Architects</td>
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<td></td>
<td>082</td>
<td>Aeronautical/aerospace/astronautical engineers</td>
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<td></td>
<td>083</td>
<td>Agricultural engineers</td>
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<td></td>
<td>084</td>
<td>Bioengineers or biomedical engineers</td>
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<td></td>
<td>085</td>
<td>Chemical engineers</td>
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<td></td>
<td>086</td>
<td>Civil, including architectural/sanitary engineers</td>
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<td></td>
<td>087</td>
<td>Computer engineers – hardware</td>
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<td></td>
<td>088</td>
<td>Computer engineers – software</td>
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<tr>
<td></td>
<td>089</td>
<td>Electrical and electronics engineers</td>
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<td></td>
<td>090</td>
<td>Environmental engineers</td>
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<tr>
<td></td>
<td>091</td>
<td>Industrial engineers</td>
</tr>
<tr>
<td></td>
<td>092</td>
<td>Marine engineers and naval architects</td>
</tr>
<tr>
<td></td>
<td>093</td>
<td>Materials and metallurgical engineers</td>
</tr>
<tr>
<td></td>
<td>094</td>
<td>Mechanical engineers</td>
</tr>
<tr>
<td></td>
<td>095</td>
<td>Mining and geological engineers</td>
</tr>
<tr>
<td></td>
<td>096</td>
<td>Nuclear engineers</td>
</tr>
<tr>
<td></td>
<td>097</td>
<td>Petroleum engineers</td>
</tr>
<tr>
<td></td>
<td>098</td>
<td>Sales engineers</td>
</tr>
<tr>
<td></td>
<td>099</td>
<td>OTHER engineers</td>
</tr>
<tr>
<td>Engineering Technologists/ Technicians/Surveyors</td>
<td>100</td>
<td>Electrical, electronic, industrial, and mechanical technicians</td>
</tr>
<tr>
<td></td>
<td>101</td>
<td>Drafting occupations, including computer drafting</td>
</tr>
<tr>
<td></td>
<td>102</td>
<td>Surveying and mapping technicians</td>
</tr>
<tr>
<td></td>
<td>103</td>
<td>OTHER engineering technologists and technicians</td>
</tr>
<tr>
<td></td>
<td>104</td>
<td>Surveyors, cartographers, photogrammetrists</td>
</tr>
<tr>
<td>Farmers/Foresters/Fishermen</td>
<td>110</td>
<td>Farmers, foresters and fishermen</td>
</tr>
<tr>
<td>Health Occupations</td>
<td>111</td>
<td>Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)</td>
</tr>
<tr>
<td></td>
<td>112</td>
<td>Registered nurses, pharmacists, dieticians, therapists, physician assistants</td>
</tr>
<tr>
<td></td>
<td>236</td>
<td>Psychologists, including clinical – Also consider 070 Counselors</td>
</tr>
<tr>
<td></td>
<td>113</td>
<td>Health technologists and technicians (e.g., dental hygienists, health record technologists/technicians, licensed practical nurses, medical or laboratory technicians, radiological technicians)</td>
</tr>
<tr>
<td></td>
<td>114</td>
<td>OTHER health occupations</td>
</tr>
<tr>
<td>Lawyers/Judges</td>
<td>120</td>
<td>Lawyers, judges</td>
</tr>
<tr>
<td>Librarians/Archivists/Curators</td>
<td>130</td>
<td>Librarians, archivists, curators</td>
</tr>
<tr>
<td>Managers and Supervisors, First-Line</td>
<td></td>
<td>Find the category on page 13 or 14 that best describes the occupation of the people you manage and select the code</td>
</tr>
<tr>
<td>Managers, Top-level Executives/Administrators</td>
<td>141</td>
<td>Top-level managers, executives, administrators (e.g., CEO/COO/CFO, president, district manager, general manager, legislator, chancellor, provost)</td>
</tr>
<tr>
<td>Managers, Other</td>
<td>142</td>
<td>Computer and information systems managers</td>
</tr>
<tr>
<td></td>
<td>143</td>
<td>Engineering managers</td>
</tr>
<tr>
<td></td>
<td>144</td>
<td>Medical and health services managers</td>
</tr>
<tr>
<td></td>
<td>145</td>
<td>Natural sciences managers</td>
</tr>
<tr>
<td></td>
<td>146</td>
<td>Education administrators (e.g., registrar, dean, principal)</td>
</tr>
<tr>
<td></td>
<td>147</td>
<td>OTHER mid-level managers</td>
</tr>
<tr>
<td>JOB CATEGORY (Continued)</td>
<td></td>
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<tr>
<td>--------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Management-Related Occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Also consider 141 to 147 under Managers, Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>151 Accountants, auditors, and other financial specialists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>152 Personnel, training, and labor relations specialists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>153 OTHER management related occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mathematical Scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>171 Actuaries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>172 Mathematicians</td>
<td></td>
<td></td>
</tr>
<tr>
<td>173 Operations research analysts, including modeling</td>
<td></td>
<td></td>
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<tr>
<td>174 Statisticians</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175 Technologists and technicians in the mathematical sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>176 OTHER mathematical scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Physical Scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>191 Astronomers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>192 Atmospheric and space scientists</td>
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<td></td>
</tr>
<tr>
<td>022 Biochemists and biophysicists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>193 Chemists, except biochemists</td>
<td></td>
<td></td>
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<tr>
<td>194 Geologists, including earth scientists</td>
<td></td>
<td></td>
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<tr>
<td>195 Oceanographers</td>
<td></td>
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<tr>
<td>196 Physicists, except biophysicists</td>
<td></td>
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</tr>
<tr>
<td>197 Technologists and technicians in the physical sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>198 OTHER physical scientists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Research Associates/ Assistants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Find the category on page 13 or 14 that comes closest to your research field and select the code</td>
<td></td>
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</tr>
<tr>
<td>• Sales/Marketing Occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 Insurance, securities, real estate, and business services</td>
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<td></td>
</tr>
<tr>
<td>201 Sales occupations – commodities except retail (e.g., industrial machinery/equipment/supplies, medical and dental equip./supplies)</td>
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</tr>
<tr>
<td>202 Sales occupations – retail (e.g., furnishings, clothing, motor vehicles, cosmetics)</td>
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</tr>
<tr>
<td>203 OTHER marketing and sales occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Service Occupations, Except Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Also consider 111 to 114 under Health Occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>221 Food preparation and service (e.g., cooks, waitresses, bartenders)</td>
<td></td>
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<tr>
<td>222 Protective services (e.g., fire fighters, police, guards, wardens, park rangers)</td>
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<tr>
<td>223 OTHER service occupations, except health (e.g., probation officers, human services workers)</td>
<td></td>
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<tr>
<td>• Social Scientists</td>
<td></td>
<td></td>
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<tr>
<td>231 Anthropologists</td>
<td></td>
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<tr>
<td>232 Economists</td>
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<tr>
<td>233 Historians</td>
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<tr>
<td>235 Political scientists</td>
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<tr>
<td>236 Psychologists, including clinical – Also consider 070 Counselors</td>
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<tr>
<td>237 Sociologists</td>
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<tr>
<td>238 OTHER social scientists</td>
<td></td>
<td></td>
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<tr>
<td>• Social Workers</td>
<td></td>
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<tr>
<td>240 Social workers</td>
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<tr>
<td>• Teachers—Precollege</td>
<td></td>
<td></td>
</tr>
<tr>
<td>251 Pre-kindergarten and kindergarten</td>
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<tr>
<td>252 Elementary</td>
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<tr>
<td>253 Secondary – computer, math, or sciences</td>
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<tr>
<td>254 Secondary – social sciences</td>
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<tr>
<td>255 Secondary – other subjects</td>
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<tr>
<td>256 Special education – primary and secondary</td>
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<td>257 OTHER precollegiate area</td>
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<tr>
<td>• Teachers/Professors— Postsecondary</td>
<td></td>
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<tr>
<td>271 Agriculture</td>
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<td></td>
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<tr>
<td>272 Art, Drama, and Music</td>
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<tr>
<td>273 Biological Sciences</td>
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<tr>
<td>274 Business, Commerce, and Marketing</td>
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<tr>
<td>275 Chemistry</td>
<td></td>
<td></td>
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<tr>
<td>276 Computer Science</td>
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<td></td>
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<tr>
<td>277 Earth, Environmental, and Marine Science</td>
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<td>278 Economics</td>
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<td>279 Education</td>
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<td>280 Engineering</td>
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<td>281 English</td>
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<td>282 Foreign Language</td>
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<td>283 History</td>
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<tr>
<td>286 Mathematics and Statistics</td>
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<td>287 Health and Related Sciences</td>
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<td>288 Physical Education</td>
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<tr>
<td>289 Physics</td>
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<tr>
<td>290 Political Science</td>
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<tr>
<td>291 Psychology</td>
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<td>293 Sociology</td>
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<tr>
<td>297 OTHER Natural Sciences</td>
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<tr>
<td>298 OTHER Social Sciences</td>
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<td></td>
</tr>
<tr>
<td>299 OTHER Postsecondary fields</td>
<td></td>
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</tr>
<tr>
<td>• Teachers—Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300 OTHER teachers and instructors (e.g., private tutors, dance or flying instructors, martial arts instructors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Writers/Editors/Public Relations Specialists/Artists/ Entertainers/Broadcasters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>010 Writers, editors, public relations specialists, artists, entertainers, broadcasters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Other Professions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>401 Construction and extraction occupations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>402 Installation, maintenance, and repair occupations</td>
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</tr>
<tr>
<td>403 Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>405 Transportation and material moving occupations</td>
<td></td>
<td></td>
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<tr>
<td>• OTHER OCCUPATIONS</td>
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<td></td>
</tr>
<tr>
<td>500 OTHER OCCUPATIONS (Not Listed)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.