



## S&E Degrees: 1966–2006

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### General Notes

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This publication is based on data from two annual federal surveys. Data on bachelor's and master's degrees are from the Integrated Postsecondary Education Data System (IPEDS) Completions Survey, conducted by the National Center for Education Statistics (NCES), U.S. Department of Education. Data on doctoral degrees are from the Survey of Earned Doctorates, sponsored by the National Science Foundation (NSF) and five other federal agencies.

These data cover earned degrees conferred from 1966 to 2006 in the aggregate United States, which comprises the 50 states, the District of Columbia, and the U.S. territories and outlying areas (American Samoa, the former Canal Zone, the Northern Mariana Islands, Puerto Rico, Guam, the Virgin Islands, and the Trust Territory of the Pacific Islands). Degree data are compiled for a 12-month period, July through June of the following year. For convenience, degrees in a given July-through-June period are referred to by the year in which the period ended; e.g., 2006 means the 12-month period ending June 2006.

The time series for degree data may be affected by changes in definitions, instructions, and field classifications, including the introduction of new specialties. In this report, data for earlier years are presented as consistently as possible with current field classifications. See appendix A, "Technical Notes," and appendix B, "Classification of Programs," for further information on the field classifications used. Note that detailed national data were not released by NCES for the academic year ending 1999.

This publication focuses on degrees in science and engineering fields, and, where appropriate, the data are reclassified according to NSF field categories. In the data tables, engineering technology degrees and degrees in the health/medical sciences are not included in totals for science and engineering fields but are provided as separate data tables, as are data on first professional degrees.

## Data Tables

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|       |   |
|-------|---|
| Table | <b>Degrees awarded 1966–2006</b>                |
|       | by degree level                                 |
| 1     | all fields and science and engineering          |
|       | by degree level and sex of recipient            |
| 2     | all fields                                      |
| 3     | science and engineering                         |
| 4     | fields other than science and engineering       |
|       | <b>Bachelor's degrees</b>                       |
|       | by major field group: 1966–2006                 |
| 5     | all recipients                                  |
| 6     | % distribution                                  |
| 7     | men   |
| 8     | % distribution to men                           |
| 9     | women   |
| 10    | % distribution to women                         |
| 11    | women as % of all recipients                    |
|       | <b>Master's degrees</b>                         |
|       | by major field group: 1966–2006                 |
| 12    | all recipients                                  |
| 13    | % distribution                                  |
| 14    | men   |
| 15    | % distribution to men                           |
| 16    | women   |
| 17    | % distribution to women                         |
| 18    | women as % of all recipients                    |
|       | <b>Doctoral degrees</b>                         |
|       | by major field group: 1966–2006                 |
| 19    | all recipients                                  |
| 20    | % distribution                                  |
| 21    | men   |
| 22    | % distribution to men                           |
| 23    | women   |
| 24    | % distribution to women                         |
| 25    | women as % of all recipients                    |
|       | <b>Field of degree</b>                          |
|       | by degree level and sex of recipient: 1966–2006 |
| 26    | biological and agricultural sciences            |
| 27    | agricultural sciences                           |
| 28    | biological sciences                             |

- 29 earth, atmospheric, and ocean sciences
- 30 atmospheric sciences
- 31 earth sciences
- 32 ocean sciences
- 33 mathematics and computer sciences
- 34 computer sciences
- 35 mathematics
- 36 physical sciences
- 37 astronomy
- 38 chemistry
- 39 physics
- 40 other physical sciences
- 41 psychology
- 42 social sciences
- 43 economics
- 44 political sciences
- 45 sociology
- 46 other social sciences
- 47 engineering
- 48 aeronautical and astronautical engineering
- 49 chemical engineering
- 50 civil engineering
- 51 electrical engineering
- 52 industrial engineering
- 53 materials and metallurgy engineering
- 54 mechanical engineering
- 55 other engineering
- 56 engineering technology
- 57 health

**First professional degrees**

by sex of recipient: 1966–2006

- 58 all
- 59 health fields
- 60 non–health fields

TABLE 1. Degrees awarded in all fields and in science and engineering, by degree level: 1966–2006

| Academic<br>year ending | Bachelor's  |             |               | Master's    |             |               | Doctorate   |             |               |
|-------------------------|-------------|-------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------|
|                         | All degrees | S&E degrees | % S&E degrees | All degrees | S&E degrees | % S&E degrees | All degrees | S&E degrees | % S&E degrees |
| 1966                    | 524,008     | 184,313     | 35.2          | 140,772     | 41,049      | 29.2          | 17,949      | 11,570      | 64.5          |
| 1967                    | 562,369     | 199,832     | 35.5          | 157,892     | 44,988      | 28.5          | 20,403      | 13,109      | 64.3          |
| 1968                    | 636,863     | 226,597     | 35.6          | 177,150     | 48,760      | 27.5          | 22,937      | 14,645      | 63.8          |
| 1969                    | 734,003     | 262,189     | 35.7          | 194,414     | 52,382      | 26.9          | 25,743      | 16,288      | 63.3          |
| 1970                    | 798,070     | 284,230     | 35.6          | 209,387     | 53,695      | 25.6          | 29,498      | 18,052      | 61.2          |
| 1971                    | 846,110     | 294,357     | 34.8          | 231,486     | 56,454      | 24.4          | 31,867      | 19,381      | 60.8          |
| 1972                    | 894,110     | 306,459     | 34.3          | 252,774     | 60,049      | 23.8          | 33,041      | 19,342      | 58.5          |
| 1973                    | 930,272     | 321,085     | 34.5          | 264,525     | 62,046      | 23.5          | 33,755      | 19,373      | 57.4          |
| 1974                    | 954,376     | 326,230     | 34.2          | 278,259     | 62,239      | 22.4          | 33,047      | 18,714      | 56.6          |
| 1975                    | 931,663     | 313,555     | 33.7          | 293,651     | 63,198      | 21.5          | 32,952      | 18,799      | 57.0          |
| 1976                    | 934,443     | 309,491     | 33.1          | 313,001     | 65,007      | 20.8          | 32,946      | 18,472      | 56.1          |
| 1977                    | 928,228     | 303,798     | 32.7          | 318,241     | 67,397      | 21.2          | 31,716      | 18,008      | 56.8          |
| 1978                    | 930,201     | 303,555     | 32.6          | 312,816     | 67,264      | 21.5          | 30,875      | 17,653      | 57.2          |
| 1979                    | 931,340     | 303,162     | 32.6          | 302,075     | 64,226      | 21.3          | 31,238      | 17,872      | 57.2          |
| 1980                    | 940,251     | 304,695     | 32.4          | 299,095     | 64,089      | 21.4          | 31,019      | 17,775      | 57.3          |
| 1981                    | 946,877     | 306,792     | 32.4          | 296,798     | 64,366      | 21.7          | 31,355      | 18,257      | 58.2          |
| 1982                    | 964,043     | 315,023     | 32.7          | 296,580     | 66,568      | 22.4          | 31,108      | 18,273      | 58.7          |
| 1983                    | 980,679     | 317,571     | 32.4          | 290,931     | 67,733      | 23.3          | 31,280      | 18,634      | 59.6          |
| 1984                    | 986,345     | 324,284     | 32.9          | 285,462     | 68,582      | 24.0          | 31,334      | 18,745      | 59.8          |
| 1985                    | 990,877     | 332,273     | 33.5          | 287,213     | 70,578      | 24.6          | 31,295      | 18,934      | 60.5          |
| 1986                    | 1,000,204   | 335,405     | 33.5          | 289,829     | 71,840      | 24.8          | 31,897      | 19,435      | 60.9          |
| 1987                    | 1,003,532   | 331,526     | 33.0          | 290,532     | 72,603      | 25.0          | 32,365      | 19,892      | 61.5          |
| 1988                    | 1,006,033   | 322,482     | 32.1          | 300,091     | 73,655      | 24.5          | 33,497      | 20,930      | 62.5          |
| 1989                    | 1,030,171   | 322,821     | 31.3          | 311,050     | 76,425      | 24.6          | 34,325      | 21,732      | 63.3          |
| 1990                    | 1,062,151   | 329,094     | 31.0          | 324,947     | 77,788      | 23.9          | 36,065      | 22,867      | 63.4          |
| 1991                    | 1,107,997   | 337,675     | 30.5          | 338,498     | 78,368      | 23.2          | 37,530      | 24,019      | 64.0          |
| 1992                    | 1,150,072   | 355,265     | 30.9          | 354,207     | 81,107      | 22.9          | 38,886      | 24,673      | 63.4          |
| 1993                    | 1,179,278   | 366,035     | 31.0          | 370,973     | 86,425      | 23.3          | 39,800      | 25,443      | 63.9          |
| 1994                    | 1,183,141   | 373,261     | 31.5          | 389,008     | 91,411      | 23.5          | 41,033      | 26,203      | 63.9          |
| 1995                    | 1,174,436   | 378,148     | 32.2          | 399,428     | 94,309      | 23.6          | 41,747      | 26,535      | 63.6          |
| 1996                    | 1,179,815   | 384,674     | 32.6          | 408,932     | 95,313      | 23.3          | 42,437      | 27,240      | 64.2          |
| 1997                    | 1,186,589   | 388,482     | 32.7          | 420,954     | 93,485      | 22.2          | 42,539      | 27,229      | 64.0          |
| 1998                    | 1,199,579   | 390,618     | 32.6          | 431,871     | 93,918      | 21.7          | 42,637      | 27,273      | 64.0          |
| 1999                    | NA          | NA          | NA            | NA          | NA          | NA            | 41,097      | 25,931      | 63.1          |
| 2000                    | 1,253,121   | 398,622     | 31.8          | 456,260     | 95,683      | 21.0          | 41,365      | 25,966      | 62.8          |
| 2001                    | 1,257,648   | 400,206     | 31.8          | 466,645     | 98,986      | 21.2          | 40,737      | 25,528      | 62.7          |
| 2002                    | 1,305,730   | 415,611     | 31.8          | 481,132     | 99,173      | 20.6          | 40,025      | 24,608      | 61.5          |
| 2003                    | 1,359,843   | 441,087     | 32.4          | 511,603     | 107,910     | 21.1          | 40,757      | 25,281      | 62.0          |
| 2004                    | 1,407,009   | 455,848     | 32.4          | 555,537     | 118,470     | 21.3          | 42,123      | 26,275      | 62.4          |
| 2005                    | 1,437,200   | 466,003     | 32.4          | 567,875     | 120,025     | 21.1          | 43,385      | 27,989      | 64.5          |
| 2006                    | 1,473,735   | 473,533     | 32.1          | 586,029     | 120,337     | 20.5          | 45,596      | 29,854      | 65.5          |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in science and engineering.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 2. Degrees awarded in all fields, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |         |         | Master's |         |         | Doctorate |        |         |
|-------------------------|------------|---------|---------|----------|---------|---------|-----------|--------|---------|
|                         | Men        | Women   | % women | Men      | Women   | % women | Men       | Women  | % women |
| 1966                    | 301,037    | 222,971 | 42.6    | 93,184   | 47,588  | 33.8    | 15,863    | 2,086  | 11.6    |
| 1967                    | 324,236    | 238,133 | 42.3    | 103,179  | 54,713  | 34.7    | 17,961    | 2,442  | 12.0    |
| 1968                    | 359,747    | 277,116 | 43.5    | 113,749  | 63,401  | 35.8    | 20,005    | 2,932  | 12.8    |
| 1969                    | 412,865    | 321,138 | 43.8    | 121,881  | 72,533  | 37.3    | 22,355    | 3,388  | 13.2    |
| 1970                    | 453,605    | 344,465 | 43.2    | 126,146  | 83,241  | 39.8    | 25,527    | 3,971  | 13.5    |
| 1971                    | 478,423    | 367,687 | 43.5    | 138,590  | 92,896  | 40.1    | 27,271    | 4,596  | 14.4    |
| 1972                    | 503,631    | 390,479 | 43.7    | 150,085  | 102,689 | 40.6    | 27,754    | 5,287  | 16.0    |
| 1973                    | 521,534    | 408,738 | 43.9    | 155,000  | 109,525 | 41.4    | 27,670    | 6,085  | 18.0    |
| 1974                    | 530,907    | 423,469 | 44.4    | 158,344  | 119,915 | 43.1    | 26,594    | 6,453  | 19.5    |
| 1975                    | 508,424    | 423,239 | 45.4    | 162,115  | 131,536 | 44.8    | 25,751    | 7,201  | 21.9    |
| 1976                    | 508,549    | 425,894 | 45.6    | 167,745  | 145,256 | 46.4    | 25,262    | 7,684  | 23.3    |
| 1977                    | 499,121    | 429,107 | 46.2    | 168,210  | 150,031 | 47.1    | 23,858    | 7,858  | 24.8    |
| 1978                    | 491,066    | 439,135 | 47.2    | 161,708  | 151,108 | 48.3    | 22,553    | 8,322  | 27.0    |
| 1979                    | 481,394    | 449,946 | 48.3    | 153,772  | 148,303 | 49.1    | 22,301    | 8,937  | 28.6    |
| 1980                    | 477,750    | 462,501 | 49.2    | 151,159  | 147,936 | 49.5    | 21,612    | 9,407  | 30.3    |
| 1981                    | 474,336    | 472,541 | 49.9    | 147,431  | 149,367 | 50.3    | 21,463    | 9,892  | 31.5    |
| 1982                    | 477,543    | 486,500 | 50.5    | 145,941  | 150,639 | 50.8    | 21,015    | 10,093 | 32.4    |
| 1983                    | 483,395    | 497,284 | 50.7    | 145,114  | 145,817 | 50.1    | 20,748    | 10,532 | 33.7    |
| 1984                    | 486,750    | 499,595 | 50.7    | 143,998  | 141,464 | 49.6    | 20,636    | 10,698 | 34.1    |
| 1985                    | 486,660    | 504,217 | 50.9    | 143,716  | 143,497 | 50.0    | 20,552    | 10,743 | 34.3    |
| 1986                    | 490,143    | 510,061 | 51.0    | 143,932  | 145,897 | 50.3    | 20,592    | 11,305 | 35.4    |
| 1987                    | 485,003    | 518,529 | 51.7    | 141,655  | 148,877 | 51.2    | 20,934    | 11,431 | 35.3    |
| 1988                    | 481,236    | 524,797 | 52.2    | 145,403  | 154,688 | 51.5    | 21,677    | 11,819 | 35.3    |
| 1989                    | 487,566    | 542,605 | 52.7    | 149,399  | 161,651 | 52.0    | 21,812    | 12,513 | 36.5    |
| 1990                    | 495,867    | 566,284 | 53.3    | 154,025  | 170,922 | 52.6    | 22,960    | 13,104 | 36.3    |
| 1991                    | 508,952    | 599,045 | 54.1    | 156,895  | 181,603 | 53.6    | 23,521    | 13,873 | 37.1    |
| 1992                    | 525,395    | 624,677 | 54.3    | 162,299  | 191,908 | 54.2    | 24,232    | 14,435 | 37.3    |
| 1993                    | 537,536    | 641,742 | 54.4    | 169,753  | 201,220 | 54.2    | 24,384    | 15,121 | 38.3    |
| 1994                    | 537,061    | 646,080 | 54.6    | 176,762  | 212,246 | 54.6    | 25,057    | 15,822 | 38.7    |
| 1995                    | 531,146    | 643,290 | 54.8    | 179,198  | 220,230 | 55.1    | 25,160    | 16,416 | 39.5    |
| 1996                    | 528,000    | 651,815 | 55.2    | 180,360  | 228,572 | 55.9    | 25,285    | 16,955 | 40.1    |
| 1997                    | 525,282    | 661,307 | 55.7    | 181,457  | 239,497 | 56.9    | 24,939    | 17,243 | 40.9    |
| 1998                    | 525,714    | 673,865 | 56.2    | 185,061  | 246,810 | 57.1    | 24,628    | 17,848 | 42.0    |
| 1999                    | NA         | NA      | NA      | NA       | NA      | NA      | 23,436    | 17,484 | 42.7    |
| 2000                    | 536,158    | 716,963 | 57.2    | 191,234  | 265,026 | 58.1    | 23,163    | 18,129 | 43.9    |
| 2001                    | 536,023    | 721,625 | 57.4    | 193,006  | 273,639 | 58.6    | 22,775    | 17,885 | 44.0    |
| 2002                    | 553,957    | 751,773 | 57.6    | 198,097  | 283,035 | 58.8    | 21,805    | 18,135 | 45.4    |
| 2003                    | 575,977    | 783,866 | 57.6    | 210,758  | 300,845 | 58.8    | 22,257    | 18,500 | 45.4    |
| 2004                    | 596,192    | 810,817 | 57.6    | 227,335  | 328,202 | 59.1    | 22,963    | 19,158 | 45.5    |
| 2005                    | 608,262    | 828,938 | 57.7    | 230,057  | 337,818 | 59.5    | 23,738    | 19,579 | 45.2    |
| 2006                    | 621,911    | 851,824 | 57.8    | 234,152  | 351,877 | 60.0    | 24,986    | 20,539 | 45.1    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degrees holders did not report gender. Percentages of women are calculated based on the total of men plus women, not on total number of degrees as reported in Table 1. Data on first professional degrees are provided in tables 58, 59, and 60.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 3. Science and engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |         |         | Master's |        |         | Doctorate |        |         |
|-------------------------|------------|---------|---------|----------|--------|---------|-----------|--------|---------|
|                         | Men        | Women   | % women | Men      | Women  | % women | Men       | Women  | % women |
| 1966                    | 138,679    | 45,634  | 24.8    | 35,580   | 5,469  | 13.3    | 10,646    | 924    | 8.0     |
| 1967                    | 149,045    | 50,787  | 25.4    | 38,682   | 6,306  | 14.0    | 12,013    | 1,096  | 8.4     |
| 1968                    | 165,200    | 61,397  | 27.1    | 41,551   | 7,209  | 14.8    | 13,328    | 1,317  | 9.0     |
| 1969                    | 189,272    | 72,917  | 27.8    | 44,182   | 8,200  | 15.7    | 14,781    | 1,507  | 9.3     |
| 1970                    | 204,528    | 79,702  | 28.0    | 43,973   | 9,722  | 18.1    | 16,404    | 1,648  | 9.1     |
| 1971                    | 209,318    | 85,039  | 28.9    | 46,116   | 10,338 | 18.3    | 17,385    | 1,996  | 10.3    |
| 1972                    | 216,422    | 90,037  | 29.4    | 48,721   | 11,328 | 18.9    | 17,191    | 2,151  | 11.1    |
| 1973                    | 225,090    | 95,995  | 29.9    | 50,233   | 11,813 | 19.0    | 16,853    | 2,520  | 13.0    |
| 1974                    | 223,652    | 102,578 | 31.4    | 49,528   | 12,711 | 20.4    | 16,043    | 2,671  | 14.3    |
| 1975                    | 210,741    | 102,814 | 32.8    | 49,410   | 13,788 | 21.8    | 15,870    | 2,929  | 15.6    |
| 1976                    | 205,570    | 103,921 | 33.6    | 49,992   | 15,015 | 23.1    | 15,375    | 3,097  | 16.8    |
| 1977                    | 198,805    | 104,993 | 34.6    | 50,899   | 16,498 | 24.5    | 14,775    | 3,233  | 18.0    |
| 1978                    | 195,888    | 107,667 | 35.5    | 50,034   | 17,230 | 25.6    | 14,199    | 3,454  | 19.6    |
| 1979                    | 193,247    | 109,915 | 36.3    | 46,614   | 17,612 | 27.4    | 14,128    | 3,744  | 20.9    |
| 1980                    | 191,215    | 113,480 | 37.2    | 46,004   | 18,085 | 28.2    | 13,814    | 3,961  | 22.3    |
| 1981                    | 190,977    | 115,815 | 37.8    | 45,505   | 18,861 | 29.3    | 14,056    | 4,201  | 23.0    |
| 1982                    | 193,624    | 121,399 | 38.5    | 46,557   | 20,011 | 30.1    | 13,923    | 4,350  | 23.8    |
| 1983                    | 194,380    | 123,191 | 38.8    | 46,734   | 20,999 | 31.0    | 13,920    | 4,714  | 25.3    |
| 1984                    | 199,150    | 125,134 | 38.6    | 47,049   | 21,533 | 31.4    | 13,954    | 4,791  | 25.6    |
| 1985                    | 203,402    | 128,871 | 38.8    | 48,247   | 22,331 | 31.6    | 14,043    | 4,891  | 25.8    |
| 1986                    | 204,743    | 130,662 | 39.0    | 48,621   | 23,219 | 32.3    | 14,268    | 5,167  | 26.6    |
| 1987                    | 199,981    | 131,545 | 39.7    | 48,759   | 23,844 | 32.8    | 14,580    | 5,312  | 26.7    |
| 1988                    | 191,549    | 130,933 | 40.6    | 49,820   | 23,835 | 32.4    | 15,267    | 5,662  | 27.1    |
| 1989                    | 189,338    | 133,483 | 41.3    | 50,845   | 25,580 | 33.5    | 15,623    | 6,109  | 28.1    |
| 1990                    | 189,082    | 140,012 | 42.5    | 51,230   | 26,558 | 34.1    | 16,498    | 6,369  | 27.9    |
| 1991                    | 189,328    | 148,347 | 43.9    | 50,441   | 27,927 | 35.6    | 16,982    | 6,932  | 29.0    |
| 1992                    | 195,779    | 159,486 | 44.9    | 52,157   | 28,950 | 35.7    | 17,420    | 7,080  | 28.9    |
| 1993                    | 200,315    | 165,720 | 45.3    | 55,454   | 30,971 | 35.8    | 17,568    | 7,652  | 30.3    |
| 1994                    | 202,284    | 170,977 | 45.8    | 57,970   | 33,441 | 36.6    | 18,163    | 7,922  | 30.4    |
| 1995                    | 202,217    | 175,931 | 46.5    | 58,518   | 35,791 | 38.0    | 18,117    | 8,286  | 31.4    |
| 1996                    | 203,341    | 181,333 | 47.1    | 57,860   | 37,453 | 39.3    | 18,454    | 8,648  | 31.9    |
| 1997                    | 201,471    | 187,011 | 48.1    | 55,223   | 38,262 | 40.9    | 18,080    | 8,934  | 33.1    |
| 1998                    | 200,221    | 190,397 | 48.7    | 55,335   | 38,583 | 41.1    | 17,809    | 9,348  | 34.4    |
| 1999                    | NA         | NA      | NA      | NA       | NA     | NA      | 16,734    | 9,081  | 35.2    |
| 2000                    | 197,669    | 200,953 | 50.4    | 54,213   | 41,470 | 43.3    | 16,519    | 9,393  | 36.2    |
| 2001                    | 197,623    | 202,583 | 50.6    | 55,593   | 43,393 | 43.8    | 16,186    | 9,298  | 36.5    |
| 2002                    | 204,408    | 211,203 | 50.8    | 55,701   | 43,472 | 43.8    | 15,387    | 9,172  | 37.3    |
| 2003                    | 218,698    | 222,389 | 50.4    | 61,199   | 46,711 | 43.3    | 15,762    | 9,519  | 37.7    |
| 2004                    | 225,909    | 229,939 | 50.4    | 66,798   | 51,672 | 43.6    | 16,418    | 9,856  | 37.5    |
| 2005                    | 230,806    | 235,197 | 50.5    | 66,974   | 53,051 | 44.2    | 17,407    | 10,539 | 37.7    |
| 2006                    | 234,260    | 239,273 | 50.5    | 66,262   | 54,075 | 44.9    | 18,341    | 11,469 | 38.5    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degrees holders did not report gender. Percentages of women are calculated based on the total of men plus women, not on total number of degrees as reported in Table 1. Data on first professional degrees are provided in tables 58, 59, and 60.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 4. Degrees awarded in fields other than science and engineering, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |         |         | Master's |         |         | Doctorate |       |         |
|-------------------------|------------|---------|---------|----------|---------|---------|-----------|-------|---------|
|                         | Men        | Women   | % women | Men      | Women   | % women | Men       | Women | % women |
| 1966                    | 162,358    | 177,337 | 52.2    | 57,604   | 42,119  | 42.2    | 5,217     | 1,162 | 18.2    |
| 1967                    | 175,191    | 187,346 | 51.7    | 64,497   | 48,407  | 42.9    | 5,948     | 1,346 | 18.5    |
| 1968                    | 194,547    | 215,719 | 52.6    | 72,198   | 56,192  | 43.8    | 6,677     | 1,615 | 19.5    |
| 1969                    | 223,593    | 248,221 | 52.6    | 77,699   | 64,333  | 45.3    | 7,574     | 1,881 | 19.9    |
| 1970                    | 249,077    | 264,763 | 51.5    | 82,173   | 73,519  | 47.2    | 9,123     | 2,323 | 20.3    |
| 1971                    | 269,105    | 282,648 | 51.2    | 92,474   | 82,558  | 47.2    | 9,886     | 2,600 | 20.8    |
| 1972                    | 287,209    | 300,442 | 51.1    | 101,364  | 91,361  | 47.4    | 10,563    | 3,136 | 22.9    |
| 1973                    | 296,444    | 312,743 | 51.3    | 104,767  | 97,712  | 48.3    | 10,817    | 3,565 | 24.8    |
| 1974                    | 307,255    | 320,891 | 51.1    | 108,816  | 107,204 | 49.6    | 10,551    | 3,782 | 26.4    |
| 1975                    | 297,683    | 320,425 | 51.8    | 112,705  | 117,748 | 51.1    | 9,881     | 4,272 | 30.2    |
| 1976                    | 302,979    | 321,973 | 51.5    | 117,753  | 130,241 | 52.5    | 9,887     | 4,587 | 31.7    |
| 1977                    | 300,316    | 324,114 | 51.9    | 117,311  | 133,533 | 53.2    | 9,083     | 4,625 | 33.7    |
| 1978                    | 295,178    | 331,468 | 52.9    | 111,674  | 133,878 | 54.5    | 8,354     | 4,868 | 36.8    |
| 1979                    | 288,147    | 340,031 | 54.1    | 107,158  | 130,691 | 54.9    | 8,173     | 5,193 | 38.9    |
| 1980                    | 286,535    | 349,021 | 54.9    | 105,155  | 129,851 | 55.3    | 7,798     | 5,446 | 41.1    |
| 1981                    | 283,359    | 356,726 | 55.7    | 101,926  | 130,506 | 56.1    | 7,407     | 5,691 | 43.4    |
| 1982                    | 283,919    | 365,101 | 56.3    | 99,384   | 130,628 | 56.8    | 7,092     | 5,743 | 44.7    |
| 1983                    | 289,015    | 374,093 | 56.4    | 98,380   | 124,818 | 55.9    | 6,828     | 5,818 | 46.0    |
| 1984                    | 287,600    | 374,461 | 56.6    | 96,949   | 119,931 | 55.3    | 6,682     | 5,907 | 46.9    |
| 1985                    | 283,258    | 375,346 | 57.0    | 95,469   | 121,166 | 55.9    | 6,509     | 5,852 | 47.3    |
| 1986                    | 285,400    | 379,399 | 57.1    | 95,311   | 122,678 | 56.3    | 6,324     | 6,138 | 49.3    |
| 1987                    | 285,022    | 386,984 | 57.6    | 92,896   | 125,033 | 57.4    | 6,354     | 6,119 | 49.1    |
| 1988                    | 289,687    | 393,864 | 57.6    | 95,583   | 130,853 | 57.8    | 6,410     | 6,157 | 49.0    |
| 1989                    | 298,228    | 409,122 | 57.8    | 98,554   | 136,071 | 58.0    | 6,189     | 6,404 | 50.9    |
| 1990                    | 306,785    | 426,272 | 58.1    | 102,795  | 144,364 | 58.4    | 6,462     | 6,735 | 51.0    |
| 1991                    | 319,624    | 450,698 | 58.5    | 106,454  | 153,676 | 59.1    | 6,539     | 6,941 | 51.5    |
| 1992                    | 329,616    | 465,191 | 58.5    | 110,142  | 162,958 | 59.7    | 6,812     | 7,355 | 51.9    |
| 1993                    | 337,221    | 476,022 | 58.5    | 114,299  | 170,249 | 59.8    | 6,816     | 7,469 | 52.3    |
| 1994                    | 334,777    | 475,103 | 58.7    | 118,792  | 178,805 | 60.1    | 6,894     | 7,900 | 53.4    |
| 1995                    | 328,929    | 467,359 | 58.7    | 120,680  | 184,439 | 60.4    | 7,043     | 8,130 | 53.6    |
| 1996                    | 324,659    | 470,482 | 59.2    | 122,500  | 191,119 | 60.9    | 6,831     | 8,307 | 54.9    |
| 1997                    | 323,811    | 474,296 | 59.4    | 126,234  | 201,235 | 61.5    | 6,859     | 8,309 | 54.8    |
| 1998                    | 325,493    | 483,468 | 59.8    | 129,726  | 208,227 | 61.6    | 6,819     | 8,500 | 55.5    |
| 1999                    | NA         | NA      | NA      | NA       | NA      | NA      | 6,702     | 8,403 | 55.6    |
| 2000                    | 338,489    | 516,010 | 60.4    | 137,021  | 223,556 | 62.0    | 6,644     | 8,736 | 56.8    |
| 2001                    | 338,400    | 519,042 | 60.5    | 137,413  | 230,246 | 62.6    | 6,589     | 8,587 | 56.6    |
| 2002                    | 349,549    | 540,570 | 60.7    | 142,396  | 239,563 | 62.7    | 6,418     | 8,963 | 58.3    |
| 2003                    | 357,279    | 561,477 | 61.1    | 149,559  | 254,134 | 63.0    | 6,495     | 8,981 | 58.0    |
| 2004                    | 370,283    | 580,878 | 61.1    | 160,537  | 276,530 | 63.3    | 6,545     | 9,302 | 58.7    |
| 2005                    | 377,456    | 593,741 | 61.1    | 163,083  | 284,767 | 63.6    | 6,331     | 9,040 | 58.8    |
| 2006                    | 387,651    | 612,551 | 61.2    | 167,890  | 297,802 | 63.9    | 6,645     | 9,070 | 57.7    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: After 1988, a number of doctoral degrees holders did not report gender. Percentages of women are calculated based on the total of men plus women, not on total number of degrees as reported in Table 1. Data on first professional degrees are provided in tables 58, 59, and 60.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 5. Bachelor's degrees awarded, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |         |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|---------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total   | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 524,008                        | 184,313 | 29,804                               | 1,712                                  | 20,179                            | 15,462            | 16,966     | 64,364          | 35,826      | 339,695        |
| 1967                 | 562,369                        | 199,832 | 32,489                               | 1,936                                  | 21,530                            | 15,847            | 19,435     | 72,398          | 36,197      | 362,537        |
| 1968                 | 636,863                        | 226,597 | 36,141                               | 2,339                                  | 24,084                            | 17,037            | 23,921     | 85,395          | 37,680      | 410,266        |
| 1969                 | 734,003                        | 262,189 | 41,280                               | 2,924                                  | 28,263                            | 18,623            | 29,458     | 100,059         | 41,582      | 471,814        |
| 1970                 | 798,070                        | 284,230 | 44,447                               | 3,351                                  | 29,109                            | 18,173            | 33,784     | 110,596         | 44,770      | 513,840        |
| 1971                 | 846,110                        | 294,357 | 45,728                               | 3,562                                  | 27,306                            | 17,948            | 38,154     | 116,411         | 45,248      | 551,753        |
| 1972                 | 894,110                        | 306,459 | 48,291                               | 4,055                                  | 27,250                            | 16,814            | 43,421     | 120,917         | 45,711      | 587,651        |
| 1973                 | 930,272                        | 321,085 | 54,687                               | 4,374                                  | 27,528                            | 16,415            | 48,096     | 123,206         | 46,779      | 609,187        |
| 1974                 | 954,376                        | 326,230 | 61,906                               | 4,823                                  | 26,570                            | 16,453            | 52,256     | 120,974         | 43,248      | 628,146        |
| 1975                 | 931,663                        | 313,555 | 66,321                               | 4,877                                  | 23,385                            | 16,001            | 51,436     | 111,711         | 39,824      | 618,108        |
| 1976                 | 934,443                        | 309,491 | 70,004                               | 5,046                                  | 21,749                            | 16,497            | 50,363     | 107,042         | 38,790      | 624,952        |
| 1977                 | 928,228                        | 303,798 | 70,589                               | 5,653                                  | 20,729                            | 16,937            | 47,794     | 100,739         | 41,357      | 624,430        |
| 1978                 | 930,201                        | 303,555 | 69,215                               | 6,003                                  | 19,925                            | 17,143            | 45,057     | 98,961          | 47,251      | 626,646        |
| 1979                 | 931,340                        | 303,162 | 66,781                               | 6,082                                  | 20,670                            | 17,257            | 43,012     | 95,891          | 53,469      | 628,178        |
| 1980                 | 940,251                        | 304,695 | 63,942                               | 6,155                                  | 22,686                            | 17,470            | 42,513     | 93,119          | 58,810      | 635,556        |
| 1981                 | 946,877                        | 306,792 | 59,922                               | 6,694                                  | 26,406                            | 17,446            | 41,364     | 91,243          | 63,717      | 640,085        |
| 1982                 | 964,043                        | 315,023 | 57,535                               | 7,061                                  | 32,139                            | 17,263            | 41,539     | 92,026          | 67,460      | 649,020        |
| 1983                 | 980,679                        | 317,571 | 55,411                               | 7,298                                  | 37,344                            | 16,197            | 40,825     | 87,826          | 72,670      | 663,108        |
| 1984                 | 986,345                        | 324,284 | 52,351                               | 7,925                                  | 45,946                            | 15,831            | 40,375     | 85,703          | 76,153      | 662,061        |
| 1985                 | 990,877                        | 332,273 | 51,312                               | 7,576                                  | 54,510                            | 16,270            | 40,237     | 84,796          | 77,572      | 658,604        |
| 1986                 | 1,000,204                      | 335,405 | 50,441                               | 6,076                                  | 58,726                            | 15,784            | 40,937     | 86,621          | 76,820      | 664,799        |
| 1987                 | 1,003,532                      | 331,526 | 48,571                               | 4,689                                  | 56,442                            | 15,464            | 43,195     | 88,740          | 74,425      | 672,006        |
| 1988                 | 1,006,033                      | 322,482 | 46,925                               | 3,554                                  | 50,877                            | 14,255            | 45,378     | 91,339          | 70,154      | 683,551        |
| 1989                 | 1,030,171                      | 322,821 | 45,531                               | 3,181                                  | 46,277                            | 14,148            | 48,954     | 97,783          | 66,947      | 707,350        |
| 1990                 | 1,062,151                      | 329,094 | 46,451                               | 2,776                                  | 42,369                            | 13,425            | 54,018     | 105,350         | 64,705      | 733,057        |
| 1991                 | 1,107,997                      | 337,675 | 48,783                               | 2,728                                  | 40,194                            | 13,678            | 58,893     | 111,212         | 62,187      | 770,322        |
| 1992                 | 1,150,072                      | 355,265 | 54,193                               | 3,201                                  | 39,889                            | 13,875            | 64,033     | 118,133         | 61,941      | 794,807        |
| 1993                 | 1,179,278                      | 366,035 | 59,621                               | 3,503                                  | 39,433                            | 14,188            | 67,251     | 119,334         | 62,705      | 813,243        |
| 1994                 | 1,183,141                      | 373,261 | 65,268                               | 3,868                                  | 39,185                            | 14,655            | 69,768     | 117,505         | 63,012      | 809,880        |
| 1995                 | 1,174,436                      | 378,148 | 71,470                               | 4,478                                  | 38,620                            | 14,897            | 72,601     | 112,711         | 63,371      | 796,288        |
| 1996                 | 1,179,815                      | 384,674 | 78,469                               | 4,457                                  | 37,621                            | 15,396            | 73,828     | 111,789         | 63,114      | 795,141        |
| 1997                 | 1,186,589                      | 388,482 | 82,500                               | 4,466                                  | 38,116                            | 15,264            | 74,734     | 111,050         | 62,352      | 798,107        |
| 1998                 | 1,199,579                      | 390,618 | 85,079                               | 4,321                                  | 39,768                            | 15,273            | 74,457     | 110,806         | 60,914      | 808,961        |
| 1999                 | NA                             | NA      | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 1,253,121                      | 398,622 | 83,148                               | 4,047                                  | 49,123                            | 14,580            | 74,654     | 113,534         | 59,536      | 854,499        |
| 2001                 | 1,257,648                      | 400,206 | 79,556                               | 3,968                                  | 54,639                            | 14,163            | 74,168     | 114,454         | 59,258      | 857,442        |
| 2002                 | 1,305,730                      | 415,611 | 79,128                               | 3,984                                  | 61,408                            | 14,016            | 77,323     | 119,113         | 60,639      | 890,119        |
| 2003                 | 1,359,843                      | 441,087 | 81,275                               | 3,949                                  | 69,211                            | 14,122            | 79,115     | 129,642         | 63,773      | 918,756        |
| 2004                 | 1,407,009                      | 455,848 | 81,803                               | 3,903                                  | 71,160                            | 14,240            | 82,510     | 137,557         | 64,675      | 951,161        |
| 2005                 | 1,437,200                      | 466,003 | 85,093                               | 3,959                                  | 65,404                            | 15,030            | 85,936     | 144,448         | 66,133      | 971,197        |
| 2006                 | 1,473,735                      | 473,533 | 90,238                               | 3,998                                  | 58,588                            | 16,405            | 88,285     | 147,898         | 68,121      | 1,000,202      |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.



TABLE 6. Percentage distribution of bachelor's degrees awarded, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 35.2                           | 5.7                                  | 0.3                                    | 3.9                               | 3.0               | 3.2        | 12.3            | 6.8         | 64.8           |
| 1967                 | 100.0      | 35.5                           | 5.8                                  | 0.3                                    | 3.8                               | 2.8               | 3.5        | 12.9            | 6.4         | 64.5           |
| 1968                 | 100.0      | 35.6                           | 5.7                                  | 0.4                                    | 3.8                               | 2.7               | 3.8        | 13.4            | 5.9         | 64.4           |
| 1969                 | 100.0      | 35.7                           | 5.6                                  | 0.4                                    | 3.9                               | 2.5               | 4.0        | 13.6            | 5.7         | 64.3           |
| 1970                 | 100.0      | 35.6                           | 5.6                                  | 0.4                                    | 3.6                               | 2.3               | 4.2        | 13.9            | 5.6         | 64.4           |
| 1971                 | 100.0      | 34.8                           | 5.4                                  | 0.4                                    | 3.2                               | 2.1               | 4.5        | 13.8            | 5.3         | 65.2           |
| 1972                 | 100.0      | 34.3                           | 5.4                                  | 0.5                                    | 3.0                               | 1.9               | 4.9        | 13.5            | 5.1         | 65.7           |
| 1973                 | 100.0      | 34.5                           | 5.9                                  | 0.5                                    | 3.0                               | 1.8               | 5.2        | 13.2            | 5.0         | 65.5           |
| 1974                 | 100.0      | 34.2                           | 6.5                                  | 0.5                                    | 2.8                               | 1.7               | 5.5        | 12.7            | 4.5         | 65.8           |
| 1975                 | 100.0      | 33.7                           | 7.1                                  | 0.5                                    | 2.5                               | 1.7               | 5.5        | 12.0            | 4.3         | 66.3           |
| 1976                 | 100.0      | 33.1                           | 7.5                                  | 0.5                                    | 2.3                               | 1.8               | 5.4        | 11.5            | 4.2         | 66.9           |
| 1977                 | 100.0      | 32.7                           | 7.6                                  | 0.6                                    | 2.2                               | 1.8               | 5.1        | 10.9            | 4.5         | 67.3           |
| 1978                 | 100.0      | 32.6                           | 7.4                                  | 0.6                                    | 2.1                               | 1.8               | 4.8        | 10.6            | 5.1         | 67.4           |
| 1979                 | 100.0      | 32.6                           | 7.2                                  | 0.7                                    | 2.2                               | 1.9               | 4.6        | 10.3            | 5.7         | 67.4           |
| 1980                 | 100.0      | 32.4                           | 6.8                                  | 0.7                                    | 2.4                               | 1.9               | 4.5        | 9.9             | 6.3         | 67.6           |
| 1981                 | 100.0      | 32.4                           | 6.3                                  | 0.7                                    | 2.8                               | 1.8               | 4.4        | 9.6             | 6.7         | 67.6           |
| 1982                 | 100.0      | 32.7                           | 6.0                                  | 0.7                                    | 3.3                               | 1.8               | 4.3        | 9.5             | 7.0         | 67.3           |
| 1983                 | 100.0      | 32.4                           | 5.7                                  | 0.7                                    | 3.8                               | 1.7               | 4.2        | 9.0             | 7.4         | 67.6           |
| 1984                 | 100.0      | 32.9                           | 5.3                                  | 0.8                                    | 4.7                               | 1.6               | 4.1        | 8.7             | 7.7         | 67.1           |
| 1985                 | 100.0      | 33.5                           | 5.2                                  | 0.8                                    | 5.5                               | 1.6               | 4.1        | 8.6             | 7.8         | 66.5           |
| 1986                 | 100.0      | 33.5                           | 5.0                                  | 0.6                                    | 5.9                               | 1.6               | 4.1        | 8.7             | 7.7         | 66.5           |
| 1987                 | 100.0      | 33.0                           | 4.8                                  | 0.5                                    | 5.6                               | 1.5               | 4.3        | 8.8             | 7.4         | 67.0           |
| 1988                 | 100.0      | 32.1                           | 4.7                                  | 0.4                                    | 5.1                               | 1.4               | 4.5        | 9.1             | 7.0         | 67.9           |
| 1989                 | 100.0      | 31.3                           | 4.4                                  | 0.3                                    | 4.5                               | 1.4               | 4.8        | 9.5             | 6.5         | 68.7           |
| 1990                 | 100.0      | 31.0                           | 4.4                                  | 0.3                                    | 4.0                               | 1.3               | 5.1        | 9.9             | 6.1         | 69.0           |
| 1991                 | 100.0      | 30.5                           | 4.4                                  | 0.2                                    | 3.6                               | 1.2               | 5.3        | 10.0            | 5.6         | 69.5           |
| 1992                 | 100.0      | 30.9                           | 4.7                                  | 0.3                                    | 3.5                               | 1.2               | 5.6        | 10.3            | 5.4         | 69.1           |
| 1993                 | 100.0      | 31.0                           | 5.1                                  | 0.3                                    | 3.3                               | 1.2               | 5.7        | 10.1            | 5.3         | 69.0           |
| 1994                 | 100.0      | 31.5                           | 5.5                                  | 0.3                                    | 3.3                               | 1.2               | 5.9        | 9.9             | 5.3         | 68.5           |
| 1995                 | 100.0      | 32.2                           | 6.1                                  | 0.4                                    | 3.3                               | 1.3               | 6.2        | 9.6             | 5.4         | 67.8           |
| 1996                 | 100.0      | 32.6                           | 6.7                                  | 0.4                                    | 3.2                               | 1.3               | 6.3        | 9.5             | 5.3         | 67.4           |
| 1997                 | 100.0      | 32.7                           | 7.0                                  | 0.4                                    | 3.2                               | 1.3               | 6.3        | 9.4             | 5.3         | 67.3           |
| 1998                 | 100.0      | 32.6                           | 7.1                                  | 0.4                                    | 3.3                               | 1.3               | 6.2        | 9.2             | 5.1         | 67.4           |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0      | 31.8                           | 6.6                                  | 0.3                                    | 3.9                               | 1.2               | 6.0        | 9.1             | 4.8         | 68.2           |
| 2001                 | 100.0      | 31.8                           | 6.3                                  | 0.3                                    | 4.3                               | 1.1               | 5.9        | 9.1             | 4.7         | 68.2           |
| 2002                 | 100.0      | 31.8                           | 6.1                                  | 0.3                                    | 4.7                               | 1.1               | 5.9        | 9.1             | 4.6         | 68.2           |
| 2003                 | 100.0      | 32.4                           | 6.0                                  | 0.3                                    | 5.1                               | 1.0               | 5.8        | 9.5             | 4.7         | 67.6           |
| 2004                 | 100.0      | 32.4                           | 5.8                                  | 0.3                                    | 5.1                               | 1.0               | 5.9        | 9.8             | 4.6         | 67.6           |
| 2005                 | 100.0      | 32.4                           | 5.9                                  | 0.3                                    | 4.6                               | 1.0               | 6.0        | 10.1            | 4.6         | 67.6           |
| 2006                 | 100.0      | 32.1                           | 6.1                                  | 0.3                                    | 4.0                               | 1.1               | 6.0        | 10.0            | 4.6         | 67.9           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 7. Bachelor's degrees awarded to men, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |         |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|---------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total   | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 301,037                        | 138,679 | 22,339                               | 1,551                                  | 13,477                            | 13,290            | 10,038     | 42,304          | 35,680      | 162,358        |
| 1967                 | 324,236                        | 149,045 | 24,541                               | 1,739                                  | 14,196                            | 13,642            | 11,657     | 47,257          | 36,013      | 175,191        |
| 1968                 | 359,747                        | 165,200 | 27,175                               | 2,105                                  | 15,243                            | 14,602            | 13,791     | 54,820          | 37,464      | 194,547        |
| 1969                 | 412,865                        | 189,272 | 31,190                               | 2,633                                  | 17,915                            | 15,962            | 16,758     | 63,544          | 41,270      | 223,593        |
| 1970                 | 453,605                        | 204,528 | 33,747                               | 3,008                                  | 18,593                            | 15,547            | 19,067     | 70,133          | 44,433      | 249,077        |
| 1971                 | 478,423                        | 209,318 | 34,712                               | 3,179                                  | 17,488                            | 15,317            | 21,117     | 72,618          | 44,887      | 269,105        |
| 1972                 | 503,631                        | 216,422 | 36,514                               | 3,560                                  | 17,466                            | 14,161            | 23,267     | 76,235          | 45,219      | 287,209        |
| 1973                 | 521,534                        | 225,090 | 40,908                               | 3,842                                  | 17,543                            | 13,826            | 25,110     | 77,658          | 46,203      | 296,444        |
| 1974                 | 530,907                        | 223,652 | 45,174                               | 4,055                                  | 16,851                            | 13,686            | 25,849     | 75,487          | 42,550      | 307,255        |
| 1975                 | 508,424                        | 210,741 | 46,937                               | 4,050                                  | 14,729                            | 12,990            | 24,333     | 68,723          | 38,979      | 297,683        |
| 1976                 | 508,549                        | 205,570 | 48,168                               | 4,124                                  | 14,071                            | 13,280            | 22,987     | 65,467          | 37,473      | 302,979        |
| 1977                 | 499,121                        | 198,805 | 47,339                               | 4,479                                  | 13,241                            | 13,560            | 20,692     | 60,181          | 39,313      | 300,316        |
| 1978                 | 491,066                        | 195,888 | 44,852                               | 4,709                                  | 12,815                            | 13,453            | 18,517     | 57,773          | 43,769      | 295,178        |
| 1979                 | 481,394                        | 193,247 | 41,994                               | 4,695                                  | 13,249                            | 13,358            | 16,649     | 54,714          | 48,588      | 288,147        |
| 1980                 | 477,750                        | 191,215 | 38,931                               | 4,693                                  | 14,439                            | 13,285            | 15,590     | 51,419          | 52,858      | 286,535        |
| 1981                 | 474,336                        | 190,977 | 35,265                               | 5,028                                  | 16,672                            | 13,137            | 14,447     | 49,774          | 56,654      | 283,359        |
| 1982                 | 477,543                        | 193,624 | 33,222                               | 5,254                                  | 19,966                            | 12,737            | 13,756     | 49,504          | 59,185      | 283,919        |
| 1983                 | 483,395                        | 194,380 | 31,132                               | 5,450                                  | 22,802                            | 11,586            | 13,228     | 47,164          | 63,018      | 289,015        |
| 1984                 | 486,750                        | 199,150 | 29,108                               | 5,991                                  | 27,893                            | 11,175            | 12,949     | 46,610          | 65,424      | 287,600        |
| 1985                 | 486,660                        | 203,402 | 28,172                               | 5,715                                  | 32,985                            | 11,434            | 12,815     | 45,955          | 66,326      | 283,258        |
| 1986                 | 490,143                        | 204,743 | 27,488                               | 4,722                                  | 35,920                            | 11,088            | 12,691     | 47,152          | 65,682      | 285,400        |
| 1987                 | 485,003                        | 199,981 | 26,168                               | 3,629                                  | 34,871                            | 10,792            | 13,399     | 48,101          | 63,021      | 285,022        |
| 1988                 | 481,236                        | 191,549 | 24,550                               | 2,707                                  | 32,112                            | 9,673             | 13,584     | 49,548          | 59,375      | 289,687        |
| 1989                 | 487,566                        | 189,338 | 23,852                               | 2,380                                  | 29,682                            | 9,777             | 14,291     | 52,597          | 56,759      | 298,228        |
| 1990                 | 495,867                        | 189,082 | 24,050                               | 2,001                                  | 27,184                            | 9,106             | 15,399     | 56,610          | 54,732      | 306,785        |
| 1991                 | 508,952                        | 189,328 | 25,007                               | 1,946                                  | 25,700                            | 9,253             | 16,155     | 58,745          | 52,522      | 319,624        |
| 1992                 | 525,395                        | 195,779 | 27,473                               | 2,177                                  | 25,693                            | 9,289             | 17,130     | 61,712          | 52,305      | 329,616        |
| 1993                 | 537,536                        | 200,315 | 30,439                               | 2,453                                  | 25,483                            | 9,424             | 18,029     | 61,763          | 52,724      | 337,221        |
| 1994                 | 537,061                        | 202,284 | 33,347                               | 2,665                                  | 25,397                            | 9,588             | 18,749     | 59,929          | 52,609      | 334,777        |
| 1995                 | 531,146                        | 202,217 | 35,915                               | 2,954                                  | 25,066                            | 9,605             | 19,638     | 56,618          | 52,421      | 328,929        |
| 1996                 | 528,000                        | 203,341 | 39,100                               | 2,972                                  | 24,857                            | 9,694             | 19,965     | 54,955          | 51,798      | 324,659        |
| 1997                 | 525,282                        | 201,471 | 39,967                               | 2,924                                  | 25,324                            | 9,382             | 19,491     | 53,501          | 50,882      | 323,811        |
| 1998                 | 525,714                        | 200,221 | 40,235                               | 2,722                                  | 26,670                            | 9,279             | 19,057     | 52,683          | 49,575      | 325,493        |
| 1999                 | NA                             | NA      | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 536,158                        | 197,669 | 36,726                               | 2,430                                  | 33,045                            | 8,590             | 17,540     | 52,018          | 47,320      | 338,489        |
| 2001                 | 536,023                        | 197,623 | 33,981                               | 2,346                                  | 37,242                            | 8,252             | 16,701     | 51,757          | 47,344      | 338,400        |
| 2002                 | 553,957                        | 204,408 | 32,799                               | 2,282                                  | 42,142                            | 8,034             | 17,397     | 53,802          | 47,952      | 349,549        |
| 2003                 | 575,977                        | 218,698 | 32,783                               | 2,298                                  | 48,142                            | 8,238             | 17,616     | 58,818          | 50,803      | 357,279        |
| 2004                 | 596,192                        | 225,909 | 32,649                               | 2,256                                  | 50,436                            | 8,238             | 18,302     | 62,610          | 51,418      | 370,283        |
| 2005                 | 608,262                        | 230,806 | 34,079                               | 2,299                                  | 47,544                            | 8,610             | 19,103     | 66,235          | 52,936      | 377,456        |
| 2006                 | 621,911                        | 234,260 | 36,299                               | 2,352                                  | 42,858                            | 9,448             | 19,934     | 68,548          | 54,821      | 387,651        |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 8. Percentage distribution of bachelor's degrees awarded to men, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 46.1                           | 7.4                                  | 0.5                                    | 4.5                               | 4.4               | 3.3        | 14.1            | 11.9        | 53.9           |
| 1967                 | 100.0      | 46.0                           | 7.6                                  | 0.5                                    | 4.4                               | 4.2               | 3.6        | 14.6            | 11.1        | 54.0           |
| 1968                 | 100.0      | 45.9                           | 7.6                                  | 0.6                                    | 4.2                               | 4.1               | 3.8        | 15.2            | 10.4        | 54.1           |
| 1969                 | 100.0      | 45.8                           | 7.6                                  | 0.6                                    | 4.3                               | 3.9               | 4.1        | 15.4            | 10.0        | 54.2           |
| 1970                 | 100.0      | 45.1                           | 7.4                                  | 0.7                                    | 4.1                               | 3.4               | 4.2        | 15.5            | 9.8         | 54.9           |
| 1971                 | 100.0      | 43.8                           | 7.3                                  | 0.7                                    | 3.7                               | 3.2               | 4.4        | 15.2            | 9.4         | 56.2           |
| 1972                 | 100.0      | 43.0                           | 7.3                                  | 0.7                                    | 3.5                               | 2.8               | 4.6        | 15.1            | 9.0         | 57.0           |
| 1973                 | 100.0      | 43.2                           | 7.8                                  | 0.7                                    | 3.4                               | 2.7               | 4.8        | 14.9            | 8.9         | 56.8           |
| 1974                 | 100.0      | 42.1                           | 8.5                                  | 0.8                                    | 3.2                               | 2.6               | 4.9        | 14.2            | 8.0         | 57.9           |
| 1975                 | 100.0      | 41.4                           | 9.2                                  | 0.8                                    | 2.9                               | 2.6               | 4.8        | 13.5            | 7.7         | 58.6           |
| 1976                 | 100.0      | 40.4                           | 9.5                                  | 0.8                                    | 2.8                               | 2.6               | 4.5        | 12.9            | 7.4         | 59.6           |
| 1977                 | 100.0      | 39.8                           | 9.5                                  | 0.9                                    | 2.7                               | 2.7               | 4.1        | 12.1            | 7.9         | 60.2           |
| 1978                 | 100.0      | 39.9                           | 9.1                                  | 1.0                                    | 2.6                               | 2.7               | 3.8        | 11.8            | 8.9         | 60.1           |
| 1979                 | 100.0      | 40.1                           | 8.7                                  | 1.0                                    | 2.8                               | 2.8               | 3.5        | 11.4            | 10.1        | 59.9           |
| 1980                 | 100.0      | 40.0                           | 8.1                                  | 1.0                                    | 3.0                               | 2.8               | 3.3        | 10.8            | 11.1        | 60.0           |
| 1981                 | 100.0      | 40.3                           | 7.4                                  | 1.1                                    | 3.5                               | 2.8               | 3.0        | 10.5            | 11.9        | 59.7           |
| 1982                 | 100.0      | 40.5                           | 7.0                                  | 1.1                                    | 4.2                               | 2.7               | 2.9        | 10.4            | 12.4        | 59.5           |
| 1983                 | 100.0      | 40.2                           | 6.4                                  | 1.1                                    | 4.7                               | 2.4               | 2.7        | 9.8             | 13.0        | 59.8           |
| 1984                 | 100.0      | 40.9                           | 6.0                                  | 1.2                                    | 5.7                               | 2.3               | 2.7        | 9.6             | 13.4        | 59.1           |
| 1985                 | 100.0      | 41.8                           | 5.8                                  | 1.2                                    | 6.8                               | 2.3               | 2.6        | 9.4             | 13.6        | 58.2           |
| 1986                 | 100.0      | 41.8                           | 5.6                                  | 1.0                                    | 7.3                               | 2.3               | 2.6        | 9.6             | 13.4        | 58.2           |
| 1987                 | 100.0      | 41.2                           | 5.4                                  | 0.7                                    | 7.2                               | 2.2               | 2.8        | 9.9             | 13.0        | 58.8           |
| 1988                 | 100.0      | 39.8                           | 5.1                                  | 0.6                                    | 6.7                               | 2.0               | 2.8        | 10.3            | 12.3        | 60.2           |
| 1989                 | 100.0      | 38.8                           | 4.9                                  | 0.5                                    | 6.1                               | 2.0               | 2.9        | 10.8            | 11.6        | 61.2           |
| 1990                 | 100.0      | 38.1                           | 4.9                                  | 0.4                                    | 5.5                               | 1.8               | 3.1        | 11.4            | 11.0        | 61.9           |
| 1991                 | 100.0      | 37.2                           | 4.9                                  | 0.4                                    | 5.0                               | 1.8               | 3.2        | 11.5            | 10.3        | 62.8           |
| 1992                 | 100.0      | 37.3                           | 5.2                                  | 0.4                                    | 4.9                               | 1.8               | 3.3        | 11.7            | 10.0        | 62.7           |
| 1993                 | 100.0      | 37.3                           | 5.7                                  | 0.5                                    | 4.7                               | 1.8               | 3.4        | 11.5            | 9.8         | 62.7           |
| 1994                 | 100.0      | 37.7                           | 6.2                                  | 0.5                                    | 4.7                               | 1.8               | 3.5        | 11.2            | 9.8         | 62.3           |
| 1995                 | 100.0      | 38.1                           | 6.8                                  | 0.6                                    | 4.7                               | 1.8               | 3.7        | 10.7            | 9.9         | 61.9           |
| 1996                 | 100.0      | 38.5                           | 7.4                                  | 0.6                                    | 4.7                               | 1.8               | 3.8        | 10.4            | 9.8         | 61.5           |
| 1997                 | 100.0      | 38.4                           | 7.6                                  | 0.6                                    | 4.8                               | 1.8               | 3.7        | 10.2            | 9.7         | 61.6           |
| 1998                 | 100.0      | 38.1                           | 7.7                                  | 0.5                                    | 5.1                               | 1.8               | 3.6        | 10.0            | 9.4         | 61.9           |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0      | 36.9                           | 6.8                                  | 0.5                                    | 6.2                               | 1.6               | 3.3        | 9.7             | 8.8         | 63.1           |
| 2001                 | 100.0      | 36.9                           | 6.3                                  | 0.4                                    | 6.9                               | 1.5               | 3.1        | 9.7             | 8.8         | 63.1           |
| 2002                 | 100.0      | 36.9                           | 5.9                                  | 0.4                                    | 7.6                               | 1.5               | 3.1        | 9.7             | 8.7         | 63.1           |
| 2003                 | 100.0      | 38.0                           | 5.7                                  | 0.4                                    | 8.4                               | 1.4               | 3.1        | 10.2            | 8.8         | 62.0           |
| 2004                 | 100.0      | 37.9                           | 5.5                                  | 0.4                                    | 8.5                               | 1.4               | 3.1        | 10.5            | 8.6         | 62.1           |
| 2005                 | 100.0      | 37.9                           | 5.6                                  | 0.4                                    | 7.8                               | 1.4               | 3.1        | 10.9            | 8.7         | 62.1           |
| 2006                 | 100.0      | 37.7                           | 5.8                                  | 0.4                                    | 6.9                               | 1.5               | 3.2        | 11.0            | 8.8         | 62.3           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 9. Bachelor's degrees awarded to women, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |         |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|---------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total   | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 222,971                        | 45,634  | 7,465                                | 161                                    | 6,702                             | 2,172             | 6,928      | 22,060          | 146         | 177,337        |
| 1967                 | 238,133                        | 50,787  | 7,948                                | 197                                    | 7,334                             | 2,205             | 7,778      | 25,141          | 184         | 187,346        |
| 1968                 | 277,116                        | 61,397  | 8,966                                | 234                                    | 8,841                             | 2,435             | 10,130     | 30,575          | 216         | 215,719        |
| 1969                 | 321,138                        | 72,917  | 10,090                               | 291                                    | 10,348                            | 2,661             | 12,700     | 36,515          | 312         | 248,221        |
| 1970                 | 344,465                        | 79,702  | 10,700                               | 343                                    | 10,516                            | 2,626             | 14,717     | 40,463          | 337         | 264,763        |
| 1971                 | 367,687                        | 85,039  | 11,016                               | 383                                    | 9,818                             | 2,631             | 17,037     | 43,793          | 361         | 282,648        |
| 1972                 | 390,479                        | 90,037  | 11,777                               | 495                                    | 9,784                             | 2,653             | 20,154     | 44,682          | 492         | 300,442        |
| 1973                 | 408,738                        | 95,995  | 13,779                               | 532                                    | 9,985                             | 2,589             | 22,986     | 45,548          | 576         | 312,743        |
| 1974                 | 423,469                        | 102,578 | 16,732                               | 768                                    | 9,719                             | 2,767             | 26,407     | 45,487          | 698         | 320,891        |
| 1975                 | 423,239                        | 102,814 | 19,384                               | 827                                    | 8,656                             | 3,011             | 27,103     | 42,988          | 845         | 320,425        |
| 1976                 | 425,894                        | 103,921 | 21,836                               | 922                                    | 7,678                             | 3,217             | 27,376     | 41,575          | 1,317       | 321,973        |
| 1977                 | 429,107                        | 104,993 | 23,250                               | 1,174                                  | 7,488                             | 3,377             | 27,102     | 40,558          | 2,044       | 324,114        |
| 1978                 | 439,135                        | 107,667 | 24,363                               | 1,294                                  | 7,110                             | 3,690             | 26,540     | 41,188          | 3,482       | 331,468        |
| 1979                 | 449,946                        | 109,915 | 24,787                               | 1,387                                  | 7,421                             | 3,899             | 26,363     | 41,177          | 4,881       | 340,031        |
| 1980                 | 462,501                        | 113,480 | 25,011                               | 1,462                                  | 8,247                             | 4,185             | 26,923     | 41,700          | 5,952       | 349,021        |
| 1981                 | 472,541                        | 115,815 | 24,657                               | 1,666                                  | 9,734                             | 4,309             | 26,917     | 41,469          | 7,063       | 356,726        |
| 1982                 | 486,500                        | 121,399 | 24,313                               | 1,807                                  | 12,173                            | 4,526             | 27,783     | 42,522          | 8,275       | 365,101        |
| 1983                 | 497,284                        | 123,191 | 24,279                               | 1,848                                  | 14,542                            | 4,611             | 27,597     | 40,662          | 9,652       | 374,093        |
| 1984                 | 499,595                        | 125,134 | 23,243                               | 1,934                                  | 18,053                            | 4,656             | 27,426     | 39,093          | 10,729      | 374,461        |
| 1985                 | 504,217                        | 128,871 | 23,140                               | 1,861                                  | 21,525                            | 4,836             | 27,422     | 38,841          | 11,246      | 375,346        |
| 1986                 | 510,061                        | 130,662 | 22,953                               | 1,354                                  | 22,806                            | 4,696             | 28,246     | 39,469          | 11,138      | 379,399        |
| 1987                 | 518,529                        | 131,545 | 22,403                               | 1,060                                  | 21,571                            | 4,672             | 29,796     | 40,639          | 11,404      | 386,984        |
| 1988                 | 524,797                        | 130,933 | 22,375                               | 847                                    | 18,765                            | 4,582             | 31,794     | 41,791          | 10,779      | 393,864        |
| 1989                 | 542,605                        | 133,483 | 21,679                               | 801                                    | 16,595                            | 4,371             | 34,663     | 45,186          | 10,188      | 409,122        |
| 1990                 | 566,284                        | 140,012 | 22,401                               | 775                                    | 15,185                            | 4,319             | 38,619     | 48,740          | 9,973       | 426,272        |
| 1991                 | 599,045                        | 148,347 | 23,776                               | 782                                    | 14,494                            | 4,425             | 42,738     | 52,467          | 9,665       | 450,698        |
| 1992                 | 624,677                        | 159,486 | 26,720                               | 1,024                                  | 14,196                            | 4,586             | 46,903     | 56,421          | 9,636       | 465,191        |
| 1993                 | 641,742                        | 165,720 | 29,182                               | 1,050                                  | 13,950                            | 4,764             | 49,222     | 57,571          | 9,981       | 476,022        |
| 1994                 | 646,080                        | 170,977 | 31,921                               | 1,203                                  | 13,788                            | 5,067             | 51,019     | 57,576          | 10,403      | 475,103        |
| 1995                 | 643,290                        | 175,931 | 35,555                               | 1,524                                  | 13,554                            | 5,292             | 52,963     | 56,093          | 10,950      | 467,359        |
| 1996                 | 651,815                        | 181,333 | 39,369                               | 1,485                                  | 12,764                            | 5,702             | 53,863     | 56,834          | 11,316      | 470,482        |
| 1997                 | 661,307                        | 187,011 | 42,533                               | 1,542                                  | 12,792                            | 5,882             | 55,243     | 57,549          | 11,470      | 474,296        |
| 1998                 | 673,865                        | 190,397 | 44,844                               | 1,599                                  | 13,098                            | 5,994             | 55,400     | 58,123          | 11,339      | 483,468        |
| 1999                 | NA                             | NA      | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 716,963                        | 200,953 | 46,422                               | 1,617                                  | 16,078                            | 5,990             | 57,114     | 61,516          | 12,216      | 516,010        |
| 2001                 | 721,625                        | 202,583 | 45,575                               | 1,622                                  | 17,397                            | 5,911             | 57,467     | 62,697          | 11,914      | 519,042        |
| 2002                 | 751,773                        | 211,203 | 46,329                               | 1,702                                  | 19,266                            | 5,982             | 59,926     | 65,311          | 12,687      | 540,570        |
| 2003                 | 783,866                        | 222,389 | 48,492                               | 1,651                                  | 21,069                            | 5,884             | 61,499     | 70,824          | 12,970      | 561,477        |
| 2004                 | 810,817                        | 229,939 | 49,154                               | 1,647                                  | 20,724                            | 6,002             | 64,208     | 74,947          | 13,257      | 580,878        |
| 2005                 | 828,938                        | 235,197 | 51,014                               | 1,660                                  | 17,860                            | 6,420             | 66,833     | 78,213          | 13,197      | 593,741        |
| 2006                 | 851,824                        | 239,273 | 53,939                               | 1,646                                  | 15,730                            | 6,957             | 68,351     | 79,350          | 13,300      | 612,551        |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 10. Percentage distribution of bachelor's degrees awarded to women, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 20.5                           | 3.3                                  | 0.1                                    | 3.0                               | 1.0               | 3.1        | 9.9             | 0.1         | 79.5           |
| 1967                 | 100.0      | 21.3                           | 3.3                                  | 0.1                                    | 3.1                               | 0.9               | 3.3        | 10.6            | 0.1         | 78.7           |
| 1968                 | 100.0      | 22.2                           | 3.2                                  | 0.1                                    | 3.2                               | 0.9               | 3.7        | 11.0            | 0.1         | 77.8           |
| 1969                 | 100.0      | 22.7                           | 3.1                                  | 0.1                                    | 3.2                               | 0.8               | 4.0        | 11.4            | 0.1         | 77.3           |
| 1970                 | 100.0      | 23.1                           | 3.1                                  | 0.1                                    | 3.1                               | 0.8               | 4.3        | 11.7            | 0.1         | 76.9           |
| 1971                 | 100.0      | 23.1                           | 3.0                                  | 0.1                                    | 2.7                               | 0.7               | 4.6        | 11.9            | 0.1         | 76.9           |
| 1972                 | 100.0      | 23.1                           | 3.0                                  | 0.1                                    | 2.5                               | 0.7               | 5.2        | 11.4            | 0.1         | 76.9           |
| 1973                 | 100.0      | 23.5                           | 3.4                                  | 0.1                                    | 2.4                               | 0.6               | 5.6        | 11.1            | 0.1         | 76.5           |
| 1974                 | 100.0      | 24.2                           | 4.0                                  | 0.2                                    | 2.3                               | 0.7               | 6.2        | 10.7            | 0.2         | 75.8           |
| 1975                 | 100.0      | 24.3                           | 4.6                                  | 0.2                                    | 2.0                               | 0.7               | 6.4        | 10.2            | 0.2         | 75.7           |
| 1976                 | 100.0      | 24.4                           | 5.1                                  | 0.2                                    | 1.8                               | 0.8               | 6.4        | 9.8             | 0.3         | 75.6           |
| 1977                 | 100.0      | 24.5                           | 5.4                                  | 0.3                                    | 1.7                               | 0.8               | 6.3        | 9.5             | 0.5         | 75.5           |
| 1978                 | 100.0      | 24.5                           | 5.5                                  | 0.3                                    | 1.6                               | 0.8               | 6.0        | 9.4             | 0.8         | 75.5           |
| 1979                 | 100.0      | 24.4                           | 5.5                                  | 0.3                                    | 1.6                               | 0.9               | 5.9        | 9.2             | 1.1         | 75.6           |
| 1980                 | 100.0      | 24.5                           | 5.4                                  | 0.3                                    | 1.8                               | 0.9               | 5.8        | 9.0             | 1.3         | 75.5           |
| 1981                 | 100.0      | 24.5                           | 5.2                                  | 0.4                                    | 2.1                               | 0.9               | 5.7        | 8.8             | 1.5         | 75.5           |
| 1982                 | 100.0      | 25.0                           | 5.0                                  | 0.4                                    | 2.5                               | 0.9               | 5.7        | 8.7             | 1.7         | 75.0           |
| 1983                 | 100.0      | 24.8                           | 4.9                                  | 0.4                                    | 2.9                               | 0.9               | 5.5        | 8.2             | 1.9         | 75.2           |
| 1984                 | 100.0      | 25.0                           | 4.7                                  | 0.4                                    | 3.6                               | 0.9               | 5.5        | 7.8             | 2.1         | 75.0           |
| 1985                 | 100.0      | 25.6                           | 4.6                                  | 0.4                                    | 4.3                               | 1.0               | 5.4        | 7.7             | 2.2         | 74.4           |
| 1986                 | 100.0      | 25.6                           | 4.5                                  | 0.3                                    | 4.5                               | 0.9               | 5.5        | 7.7             | 2.2         | 74.4           |
| 1987                 | 100.0      | 25.4                           | 4.3                                  | 0.2                                    | 4.2                               | 0.9               | 5.7        | 7.8             | 2.2         | 74.6           |
| 1988                 | 100.0      | 24.9                           | 4.3                                  | 0.2                                    | 3.6                               | 0.9               | 6.1        | 8.0             | 2.1         | 75.1           |
| 1989                 | 100.0      | 24.6                           | 4.0                                  | 0.1                                    | 3.1                               | 0.8               | 6.4        | 8.3             | 1.9         | 75.4           |
| 1990                 | 100.0      | 24.7                           | 4.0                                  | 0.1                                    | 2.7                               | 0.8               | 6.8        | 8.6             | 1.8         | 75.3           |
| 1991                 | 100.0      | 24.8                           | 4.0                                  | 0.1                                    | 2.4                               | 0.7               | 7.1        | 8.8             | 1.6         | 75.2           |
| 1992                 | 100.0      | 25.5                           | 4.3                                  | 0.2                                    | 2.3                               | 0.7               | 7.5        | 9.0             | 1.5         | 74.5           |
| 1993                 | 100.0      | 25.8                           | 4.5                                  | 0.2                                    | 2.2                               | 0.7               | 7.7        | 9.0             | 1.6         | 74.2           |
| 1994                 | 100.0      | 26.5                           | 4.9                                  | 0.2                                    | 2.1                               | 0.8               | 7.9        | 8.9             | 1.6         | 73.5           |
| 1995                 | 100.0      | 27.3                           | 5.5                                  | 0.2                                    | 2.1                               | 0.8               | 8.2        | 8.7             | 1.7         | 72.7           |
| 1996                 | 100.0      | 27.8                           | 6.0                                  | 0.2                                    | 2.0                               | 0.9               | 8.3        | 8.7             | 1.7         | 72.2           |
| 1997                 | 100.0      | 28.3                           | 6.4                                  | 0.2                                    | 1.9                               | 0.9               | 8.4        | 8.7             | 1.7         | 71.7           |
| 1998                 | 100.0      | 28.3                           | 6.7                                  | 0.2                                    | 1.9                               | 0.9               | 8.2        | 8.6             | 1.7         | 71.7           |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0      | 28.0                           | 6.5                                  | 0.2                                    | 2.2                               | 0.8               | 8.0        | 8.6             | 1.7         | 72.0           |
| 2001                 | 100.0      | 28.1                           | 6.3                                  | 0.2                                    | 2.4                               | 0.8               | 8.0        | 8.7             | 1.7         | 71.9           |
| 2002                 | 100.0      | 28.1                           | 6.2                                  | 0.2                                    | 2.6                               | 0.8               | 8.0        | 8.7             | 1.7         | 71.9           |
| 2003                 | 100.0      | 28.4                           | 6.2                                  | 0.2                                    | 2.7                               | 0.8               | 7.8        | 9.0             | 1.7         | 71.6           |
| 2004                 | 100.0      | 28.4                           | 6.1                                  | 0.2                                    | 2.6                               | 0.7               | 7.9        | 9.2             | 1.6         | 71.6           |
| 2005                 | 100.0      | 28.4                           | 6.2                                  | 0.2                                    | 2.2                               | 0.8               | 8.1        | 9.4             | 1.6         | 71.6           |
| 2006                 | 100.0      | 28.1                           | 6.3                                  | 0.2                                    | 1.8                               | 0.8               | 8.0        | 9.3             | 1.6         | 71.9           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 11. Women as a percentage of all bachelor's recipients, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |       |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|-------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 42.6                           | 24.8  | 25.0                                 | 9.4                                    | 33.2                              | 14.0              | 40.8       | 34.3            | 0.4         | 52.2           |
| 1967                 | 42.3                           | 25.4  | 24.5                                 | 10.2                                   | 34.1                              | 13.9              | 40.0       | 34.7            | 0.5         | 51.7           |
| 1968                 | 43.5                           | 27.1  | 24.8                                 | 10.0                                   | 36.7                              | 14.3              | 42.3       | 35.8            | 0.6         | 52.6           |
| 1969                 | 43.8                           | 27.8  | 24.4                                 | 10.0                                   | 36.6                              | 14.3              | 43.1       | 36.5            | 0.8         | 52.6           |
| 1970                 | 43.2                           | 28.0  | 24.1                                 | 10.2                                   | 36.1                              | 14.5              | 43.6       | 36.6            | 0.8         | 51.5           |
| 1971                 | 43.5                           | 28.9  | 24.1                                 | 10.8                                   | 36.0                              | 14.7              | 44.7       | 37.6            | 0.8         | 51.2           |
| 1972                 | 43.7                           | 29.4  | 24.4                                 | 12.2                                   | 35.9                              | 15.8              | 46.4       | 37.0            | 1.1         | 51.1           |
| 1973                 | 43.9                           | 29.9  | 25.2                                 | 12.2                                   | 36.3                              | 15.8              | 47.8       | 37.0            | 1.2         | 51.3           |
| 1974                 | 44.4                           | 31.4  | 27.0                                 | 15.9                                   | 36.6                              | 16.8              | 50.5       | 37.6            | 1.6         | 51.1           |
| 1975                 | 45.4                           | 32.8  | 29.2                                 | 17.0                                   | 37.0                              | 18.8              | 52.7       | 38.5            | 2.1         | 51.8           |
| 1976                 | 45.6                           | 33.6  | 31.2                                 | 18.3                                   | 35.3                              | 19.5              | 54.4       | 38.8            | 3.4         | 51.5           |
| 1977                 | 46.2                           | 34.6  | 32.9                                 | 20.8                                   | 36.1                              | 19.9              | 56.7       | 40.3            | 4.9         | 51.9           |
| 1978                 | 47.2                           | 35.5  | 35.2                                 | 21.6                                   | 35.7                              | 21.5              | 58.9       | 41.6            | 7.4         | 52.9           |
| 1979                 | 48.3                           | 36.3  | 37.1                                 | 22.8                                   | 35.9                              | 22.6              | 61.3       | 42.9            | 9.1         | 54.1           |
| 1980                 | 49.2                           | 37.2  | 39.1                                 | 23.8                                   | 36.4                              | 24.0              | 63.3       | 44.8            | 10.1        | 54.9           |
| 1981                 | 49.9                           | 37.8  | 41.1                                 | 24.9                                   | 36.9                              | 24.7              | 65.1       | 45.4            | 11.1        | 55.7           |
| 1982                 | 50.5                           | 38.5  | 42.3                                 | 25.6                                   | 37.9                              | 26.2              | 66.9       | 46.2            | 12.3        | 56.3           |
| 1983                 | 50.7                           | 38.8  | 43.8                                 | 25.3                                   | 38.9                              | 28.5              | 67.6       | 46.3            | 13.3        | 56.4           |
| 1984                 | 50.7                           | 38.6  | 44.4                                 | 24.4                                   | 39.3                              | 29.4              | 67.9       | 45.6            | 14.1        | 56.6           |
| 1985                 | 50.9                           | 38.8  | 45.1                                 | 24.6                                   | 39.5                              | 29.7              | 68.2       | 45.8            | 14.5        | 57.0           |
| 1986                 | 51.0                           | 39.0  | 45.5                                 | 22.3                                   | 38.8                              | 29.8              | 69.0       | 45.6            | 14.5        | 57.1           |
| 1987                 | 51.7                           | 39.7  | 46.1                                 | 22.6                                   | 38.2                              | 30.2              | 69.0       | 45.8            | 15.3        | 57.6           |
| 1988                 | 52.2                           | 40.6  | 47.7                                 | 23.8                                   | 36.9                              | 32.1              | 70.1       | 45.8            | 15.4        | 57.6           |
| 1989                 | 52.7                           | 41.3  | 47.6                                 | 25.2                                   | 35.9                              | 30.9              | 70.8       | 46.2            | 15.2        | 57.8           |
| 1990                 | 53.3                           | 42.5  | 48.2                                 | 27.9                                   | 35.8                              | 32.2              | 71.5       | 46.3            | 15.4        | 58.1           |
| 1991                 | 54.1                           | 43.9  | 48.7                                 | 28.7                                   | 36.1                              | 32.4              | 72.6       | 47.2            | 15.5        | 58.5           |
| 1992                 | 54.3                           | 44.9  | 49.3                                 | 32.0                                   | 35.6                              | 33.1              | 73.2       | 47.8            | 15.6        | 58.5           |
| 1993                 | 54.4                           | 45.3  | 48.9                                 | 30.0                                   | 35.4                              | 33.6              | 73.2       | 48.2            | 15.9        | 58.5           |
| 1994                 | 54.6                           | 45.8  | 48.9                                 | 31.1                                   | 35.2                              | 34.6              | 73.1       | 49.0            | 16.5        | 58.7           |
| 1995                 | 54.8                           | 46.5  | 49.7                                 | 34.0                                   | 35.1                              | 35.5              | 73.0       | 49.8            | 17.3        | 58.7           |
| 1996                 | 55.2                           | 47.1  | 50.2                                 | 33.3                                   | 33.9                              | 37.0              | 73.0       | 50.8            | 17.9        | 59.2           |
| 1997                 | 55.7                           | 48.1  | 51.6                                 | 34.5                                   | 33.6                              | 38.5              | 73.9       | 51.8            | 18.4        | 59.4           |
| 1998                 | 56.2                           | 48.7  | 52.7                                 | 37.0                                   | 32.9                              | 39.2              | 74.4       | 52.5            | 18.6        | 59.8           |
| 1999                 | NA                             | NA    | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 57.2                           | 50.4  | 55.8                                 | 40.0                                   | 32.7                              | 41.1              | 76.5       | 54.2            | 20.5        | 60.4           |
| 2001                 | 57.4                           | 50.6  | 57.3                                 | 40.9                                   | 31.8                              | 41.7              | 77.5       | 54.8            | 20.1        | 60.5           |
| 2002                 | 57.6                           | 50.8  | 58.5                                 | 42.7                                   | 31.4                              | 42.7              | 77.5       | 54.8            | 20.9        | 60.7           |
| 2003                 | 57.6                           | 50.4  | 59.7                                 | 41.8                                   | 30.4                              | 41.7              | 77.7       | 54.6            | 20.3        | 61.1           |
| 2004                 | 57.6                           | 50.4  | 60.1                                 | 42.2                                   | 29.1                              | 42.1              | 77.8       | 54.5            | 20.5        | 61.1           |
| 2005                 | 57.7                           | 50.5  | 60.0                                 | 41.9                                   | 27.3                              | 42.7              | 77.8       | 54.1            | 20.0        | 61.1           |
| 2006                 | 57.8                           | 50.5  | 59.8                                 | 41.2                                   | 26.8                              | 42.4              | 77.4       | 53.7            | 19.5        | 61.2           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 12. Master's degrees awarded, by major field group: 1966–2006

| Academic<br>year ending | Science and engineering fields |         |  |  |   |                      |            |                    |             |                   |
|-------------------------|--------------------------------|---------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         | All fields                     | Total   | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering | Non-S&E<br>fields |
| 1966                    | 140,772                        | 41,049  | 5,865                                      | 759  | 5,010                                   | 4,206                | 2,423      | 9,081              | 13,705      | 99,723            |
| 1967                    | 157,892                        | 44,988  | 6,712                                      | 971  | 5,733                                   | 4,405                | 2,898      | 10,348             | 13,921      | 112,904           |
| 1968                    | 177,150                        | 48,760  | 7,309                                      | 1,008  | 6,081                                   | 4,456                | 3,240      | 11,434             | 15,232      | 128,390           |
| 1969                    | 194,414                        | 52,382  | 7,799                                      | 1,124  | 6,735                                   | 4,755                | 3,738      | 12,983             | 15,248      | 142,032           |
| 1970                    | 209,387                        | 53,695  | 7,619                                      | 1,124  | 7,107                                   | 4,796                | 3,962      | 13,490             | 15,597      | 155,692           |
| 1971                    | 231,486                        | 56,454  | 7,604                                      | 1,227  | 6,789                                   | 5,115                | 4,438      | 14,914             | 16,367      | 175,032           |
| 1972                    | 252,774                        | 60,049  | 8,200                                      | 1,408  | 7,186                                   | 4,864                | 5,293      | 16,334             | 16,764      | 192,725           |
| 1973                    | 264,525                        | 62,046  | 8,514                                      | 1,470  | 7,146                                   | 4,769                | 5,882      | 17,720             | 16,545      | 202,479           |
| 1974                    | 278,259                        | 62,239  | 8,866                                      | 1,679  | 7,116                                   | 4,379                | 6,616      | 18,378             | 15,205      | 216,020           |
| 1975                    | 293,651                        | 63,198  | 9,030                                      | 1,503  | 6,637                                   | 4,298                | 7,104      | 19,459             | 15,167      | 230,453           |
| 1976                    | 313,001                        | 65,007  | 9,223                                      | 1,581  | 6,466                                   | 3,880                | 7,859      | 19,953             | 16,045      | 247,994           |
| 1977                    | 318,241                        | 67,397  | 10,060                                     | 1,659  | 6,496                                   | 3,641                | 8,320      | 21,209             | 16,012      | 250,844           |
| 1978                    | 312,816                        | 67,264  | 10,001                                     | 1,832  | 6,421                                   | 3,713                | 8,194      | 21,023             | 16,080      | 245,552           |
| 1979                    | 302,075                        | 64,226  | 10,016                                     | 1,777  | 6,101                                   | 3,650                | 8,031      | 19,372             | 15,279      | 237,849           |
| 1980                    | 299,095                        | 64,089  | 9,631                                      | 1,793  | 6,515                                   | 3,408                | 7,861      | 18,938             | 15,943      | 235,006           |
| 1981                    | 296,798                        | 64,366  | 9,107                                      | 1,876  | 6,787                                   | 3,366                | 8,039      | 18,740             | 16,451      | 232,432           |
| 1982                    | 296,580                        | 66,568  | 9,199                                      | 2,012  | 7,666                                   | 3,491                | 7,849      | 18,794             | 17,557      | 230,012           |
| 1983                    | 290,931                        | 67,733  | 9,136                                      | 1,959  | 8,177                                   | 3,285                | 8,439      | 17,851             | 18,886      | 223,198           |
| 1984                    | 285,462                        | 68,582  | 8,702                                      | 1,982  | 8,960                                   | 3,544                | 8,073      | 17,176             | 20,145      | 216,880           |
| 1985                    | 287,213                        | 70,578  | 8,208                                      | 2,160  | 10,004                                  | 3,605                | 8,481      | 17,148             | 20,972      | 216,635           |
| 1986                    | 289,829                        | 71,840  | 8,023                                      | 2,234  | 11,254                                  | 3,649                | 8,363      | 17,221             | 21,096      | 217,989           |
| 1987                    | 290,532                        | 72,603  | 7,775                                      | 2,051  | 11,808                                  | 3,574                | 8,165      | 17,160             | 22,070      | 217,929           |
| 1988                    | 300,091                        | 73,655  | 7,556                                      | 1,920  | 12,600                                  | 3,708                | 7,925      | 17,220             | 22,726      | 226,436           |
| 1989                    | 311,050                        | 76,425  | 7,523                                      | 1,819  | 12,829                                  | 3,876                | 8,652      | 17,983             | 23,743      | 234,625           |
| 1990                    | 324,947                        | 77,788  | 7,527                                      | 1,596  | 13,327                                  | 3,805                | 9,308      | 18,230             | 23,995      | 247,159           |
| 1991                    | 338,498                        | 78,368  | 7,406                                      | 1,499  | 12,956                                  | 3,777                | 9,802      | 18,915             | 24,013      | 260,130           |
| 1992                    | 354,207                        | 81,107  | 7,885                                      | 1,425  | 13,320                                  | 3,922                | 9,852      | 19,685             | 25,018      | 273,100           |
| 1993                    | 370,973                        | 86,425  | 8,112                                      | 1,397  | 14,100                                  | 3,965                | 10,412     | 20,775             | 27,664      | 284,548           |
| 1994                    | 389,008                        | 91,411  | 8,686                                      | 1,418  | 14,350                                  | 4,263                | 11,572     | 22,405             | 28,717      | 297,597           |
| 1995                    | 399,428                        | 94,309  | 9,069                                      | 1,483  | 14,495                                  | 4,241                | 13,132     | 23,259             | 28,630      | 305,119           |
| 1996                    | 408,932                        | 95,313  | 10,307                                     | 1,487  | 14,355                                  | 4,364                | 13,043     | 23,996             | 27,761      | 313,619           |
| 1997                    | 420,954                        | 93,485  | 10,521                                     | 1,435  | 14,088                                  | 4,141                | 13,633     | 23,793             | 25,874      | 327,469           |
| 1998                    | 431,871                        | 93,918  | 10,230                                     | 1,426  | 15,277                                  | 3,969                | 13,146     | 23,732             | 26,138      | 337,953           |
| 1999                    | NA                             | NA      | NA   | NA   | NA                                      | NA                   | NA         | NA                 | NA          | NA                |
| 2000                    | 456,260                        | 95,683  | 10,183                                     | 1,345  | 17,824                                  | 3,512                | 13,708     | 23,375             | 25,736      | 360,577           |
| 2001                    | 466,645                        | 98,986  | 10,239                                     | 1,363  | 19,621                                  | 3,737                | 14,335     | 23,168             | 26,523      | 367,659           |
| 2002                    | 481,132                        | 99,173  | 10,353                                     | 1,406  | 19,990                                  | 3,624                | 14,041     | 23,493             | 26,266      | 381,959           |
| 2003                    | 511,603                        | 107,910 | 10,832                                     | 1,491  | 22,954                                  | 3,702                | 14,469     | 24,758             | 29,704      | 403,693           |
| 2004                    | 555,537                        | 118,470 | 11,868                                     | 1,570  | 24,150                                  | 4,030                | 15,298     | 27,682             | 33,872      | 437,067           |
| 2005                    | 567,875                        | 120,025 | 12,270                                     | 1,685  | 22,418                                  | 4,116                | 16,076     | 29,361             | 34,099      | 447,850           |
| 2006                    | 586,029                        | 120,337 | 12,762                                     | 1,727  | 21,490                                  | 4,311                | 16,775     | 30,501             | 32,771      | 465,692           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 13. Percentage distribution of master's degrees awarded, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 29.2                           | 4.2                                  | 0.5                                    | 3.6                               | 3.0               | 1.7        | 6.5             | 9.7         | 70.8           |
| 1967                 | 100.0      | 28.5                           | 4.3                                  | 0.6                                    | 3.6                               | 2.8               | 1.8        | 6.6             | 8.8         | 71.5           |
| 1968                 | 100.0      | 27.5                           | 4.1                                  | 0.6                                    | 3.4                               | 2.5               | 1.8        | 6.5             | 8.6         | 72.5           |
| 1969                 | 100.0      | 26.9                           | 4.0                                  | 0.6                                    | 3.5                               | 2.4               | 1.9        | 6.7             | 7.8         | 73.1           |
| 1970                 | 100.0      | 25.6                           | 3.6                                  | 0.5                                    | 3.4                               | 2.3               | 1.9        | 6.4             | 7.4         | 74.4           |
| 1971                 | 100.0      | 24.4                           | 3.3                                  | 0.5                                    | 2.9                               | 2.2               | 1.9        | 6.4             | 7.1         | 75.6           |
| 1972                 | 100.0      | 23.8                           | 3.2                                  | 0.6                                    | 2.8                               | 1.9               | 2.1        | 6.5             | 6.6         | 76.2           |
| 1973                 | 100.0      | 23.5                           | 3.2                                  | 0.6                                    | 2.7                               | 1.8               | 2.2        | 6.7             | 6.3         | 76.5           |
| 1974                 | 100.0      | 22.4                           | 3.2                                  | 0.6                                    | 2.6                               | 1.6               | 2.4        | 6.6             | 5.5         | 77.6           |
| 1975                 | 100.0      | 21.5                           | 3.1                                  | 0.5                                    | 2.3                               | 1.5               | 2.4        | 6.6             | 5.2         | 78.5           |
| 1976                 | 100.0      | 20.8                           | 2.9                                  | 0.5                                    | 2.1                               | 1.2               | 2.5        | 6.4             | 5.1         | 79.2           |
| 1977                 | 100.0      | 21.2                           | 3.2                                  | 0.5                                    | 2.0                               | 1.1               | 2.6        | 6.7             | 5.0         | 78.8           |
| 1978                 | 100.0      | 21.5                           | 3.2                                  | 0.6                                    | 2.1                               | 1.2               | 2.6        | 6.7             | 5.1         | 78.5           |
| 1979                 | 100.0      | 21.3                           | 3.3                                  | 0.6                                    | 2.0                               | 1.2               | 2.7        | 6.4             | 5.1         | 78.7           |
| 1980                 | 100.0      | 21.4                           | 3.2                                  | 0.6                                    | 2.2                               | 1.1               | 2.6        | 6.3             | 5.3         | 78.6           |
| 1981                 | 100.0      | 21.7                           | 3.1                                  | 0.6                                    | 2.3                               | 1.1               | 2.7        | 6.3             | 5.5         | 78.3           |
| 1982                 | 100.0      | 22.4                           | 3.1                                  | 0.7                                    | 2.6                               | 1.2               | 2.6        | 6.3             | 5.9         | 77.6           |
| 1983                 | 100.0      | 23.3                           | 3.1                                  | 0.7                                    | 2.8                               | 1.1               | 2.9        | 6.1             | 6.5         | 76.7           |
| 1984                 | 100.0      | 24.0                           | 3.0                                  | 0.7                                    | 3.1                               | 1.2               | 2.8        | 6.0             | 7.1         | 76.0           |
| 1985                 | 100.0      | 24.6                           | 2.9                                  | 0.8                                    | 3.5                               | 1.3               | 3.0        | 6.0             | 7.3         | 75.4           |
| 1986                 | 100.0      | 24.8                           | 2.8                                  | 0.8                                    | 3.9                               | 1.3               | 2.9        | 5.9             | 7.3         | 75.2           |
| 1987                 | 100.0      | 25.0                           | 2.7                                  | 0.7                                    | 4.1                               | 1.2               | 2.8        | 5.9             | 7.6         | 75.0           |
| 1988                 | 100.0      | 24.5                           | 2.5                                  | 0.6                                    | 4.2                               | 1.2               | 2.6        | 5.7             | 7.6         | 75.5           |
| 1989                 | 100.0      | 24.6                           | 2.4                                  | 0.6                                    | 4.1                               | 1.2               | 2.8        | 5.8             | 7.6         | 75.4           |
| 1990                 | 100.0      | 23.9                           | 2.3                                  | 0.5                                    | 4.1                               | 1.2               | 2.9        | 5.6             | 7.4         | 76.1           |
| 1991                 | 100.0      | 23.2                           | 2.2                                  | 0.4                                    | 3.8                               | 1.1               | 2.9        | 5.6             | 7.1         | 76.8           |
| 1992                 | 100.0      | 22.9                           | 2.2                                  | 0.4                                    | 3.8                               | 1.1               | 2.8        | 5.6             | 7.1         | 77.1           |
| 1993                 | 100.0      | 23.3                           | 2.2                                  | 0.4                                    | 3.8                               | 1.1               | 2.8        | 5.6             | 7.5         | 76.7           |
| 1994                 | 100.0      | 23.5                           | 2.2                                  | 0.4                                    | 3.7                               | 1.1               | 3.0        | 5.8             | 7.4         | 76.5           |
| 1995                 | 100.0      | 23.6                           | 2.3                                  | 0.4                                    | 3.6                               | 1.1               | 3.3        | 5.8             | 7.2         | 76.4           |
| 1996                 | 100.0      | 23.3                           | 2.5                                  | 0.4                                    | 3.5                               | 1.1               | 3.2        | 5.9             | 6.8         | 76.7           |
| 1997                 | 100.0      | 22.2                           | 2.5                                  | 0.3                                    | 3.3                               | 1.0               | 3.2        | 5.7             | 6.1         | 77.8           |
| 1998                 | 100.0      | 21.7                           | 2.4                                  | 0.3                                    | 3.5                               | 0.9               | 3.0        | 5.5             | 6.1         | 78.3           |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0      | 21.0                           | 2.2                                  | 0.3                                    | 3.9                               | 0.8               | 3.0        | 5.1             | 5.6         | 79.0           |
| 2001                 | 100.0      | 21.2                           | 2.2                                  | 0.3                                    | 4.2                               | 0.8               | 3.1        | 5.0             | 5.7         | 78.8           |
| 2002                 | 100.0      | 20.6                           | 2.2                                  | 0.3                                    | 4.2                               | 0.8               | 2.9        | 4.9             | 5.5         | 79.4           |
| 2003                 | 100.0      | 21.1                           | 2.1                                  | 0.3                                    | 4.5                               | 0.7               | 2.8        | 4.8             | 5.8         | 78.9           |
| 2004                 | 100.0      | 21.3                           | 2.1                                  | 0.3                                    | 4.3                               | 0.7               | 2.8        | 5.0             | 6.1         | 78.7           |
| 2005                 | 100.0      | 21.1                           | 2.2                                  | 0.3                                    | 3.9                               | 0.7               | 2.8        | 5.2             | 6.0         | 78.9           |
| 2006                 | 100.0      | 20.5                           | 2.2                                  | 0.3                                    | 3.7                               | 0.7               | 2.9        | 5.2             | 5.6         | 79.5           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.



TABLE 14. Master's degrees awarded to men, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 93,184     | 35,580                         | 4,646                                | 714                                    | 3,992                             | 3,723             | 1,625      | 7,251           | 13,629      | 57,604         |
| 1967                 | 103,179    | 38,682                         | 5,359                                | 916                                    | 4,423                             | 3,907             | 1,971      | 8,263           | 13,843      | 64,497         |
| 1968                 | 113,749    | 41,551                         | 5,678                                | 937                                    | 4,720                             | 3,892             | 2,229      | 8,962           | 15,133      | 72,198         |
| 1969                 | 121,881    | 44,182                         | 6,033                                | 1,035                                  | 5,169                             | 4,176             | 2,584      | 10,050          | 15,135      | 77,699         |
| 1970                 | 126,146    | 43,973                         | 5,655                                | 999                                    | 5,298                             | 4,074             | 2,484      | 10,035          | 15,428      | 82,173         |
| 1971                 | 138,590    | 46,116                         | 5,546                                | 1,111                                  | 5,101                             | 4,379             | 2,787      | 11,011          | 16,181      | 92,474         |
| 1972                 | 150,085    | 48,721                         | 6,014                                | 1,256                                  | 5,409                             | 4,128             | 3,260      | 12,161          | 16,493      | 101,364        |
| 1973                 | 155,000    | 50,233                         | 6,406                                | 1,294                                  | 5,416                             | 4,100             | 3,515      | 13,235          | 16,267      | 104,767        |
| 1974                 | 158,344    | 49,528                         | 6,633                                | 1,482                                  | 5,323                             | 3,689             | 3,986      | 13,557          | 14,858      | 108,816        |
| 1975                 | 162,115    | 49,410                         | 6,755                                | 1,309                                  | 4,871                             | 3,645             | 4,059      | 13,976          | 14,795      | 112,705        |
| 1976                 | 167,745    | 49,992                         | 6,752                                | 1,361                                  | 4,776                             | 3,275             | 4,188      | 14,163          | 15,477      | 117,753        |
| 1977                 | 168,210    | 50,899                         | 7,219                                | 1,433                                  | 4,730                             | 2,981             | 4,316      | 14,906          | 15,314      | 117,311        |
| 1978                 | 161,708    | 50,034                         | 6,981                                | 1,542                                  | 4,704                             | 3,060             | 3,931      | 14,579          | 15,237      | 111,674        |
| 1979                 | 153,772    | 46,614                         | 6,785                                | 1,467                                  | 4,469                             | 2,971             | 3,688      | 12,892          | 14,342      | 107,158        |
| 1980                 | 151,159    | 46,004                         | 6,502                                | 1,457                                  | 4,715                             | 2,770             | 3,397      | 12,343          | 14,820      | 105,155        |
| 1981                 | 147,431    | 45,505                         | 6,061                                | 1,470                                  | 4,939                             | 2,691             | 3,371      | 11,851          | 15,122      | 101,926        |
| 1982                 | 145,941    | 46,557                         | 5,896                                | 1,560                                  | 5,446                             | 2,744             | 3,228      | 11,701          | 15,982      | 99,384         |
| 1983                 | 145,114    | 46,734                         | 5,703                                | 1,515                                  | 5,684                             | 2,600             | 3,254      | 10,847          | 17,131      | 98,380         |
| 1984                 | 143,998    | 47,049                         | 5,303                                | 1,517                                  | 6,185                             | 2,698             | 2,980      | 10,321          | 18,045      | 96,949         |
| 1985                 | 143,716    | 48,247                         | 4,881                                | 1,639                                  | 6,951                             | 2,775             | 3,064      | 10,209          | 18,728      | 95,469         |
| 1986                 | 143,932    | 48,621                         | 4,679                                | 1,717                                  | 7,724                             | 2,736             | 2,937      | 10,132          | 18,696      | 95,311         |
| 1987                 | 141,655    | 48,759                         | 4,437                                | 1,531                                  | 8,011                             | 2,684             | 2,838      | 9,958           | 19,300      | 92,896         |
| 1988                 | 145,403    | 49,820                         | 4,312                                | 1,433                                  | 8,759                             | 2,817             | 2,599      | 9,982           | 19,918      | 95,583         |
| 1989                 | 149,399    | 50,845                         | 4,210                                | 1,337                                  | 8,833                             | 2,836             | 2,814      | 10,154          | 20,661      | 98,554         |
| 1990                 | 154,025    | 51,230                         | 4,080                                | 1,218                                  | 9,176                             | 2,754             | 3,025      | 10,251          | 20,726      | 102,795        |
| 1991                 | 156,895    | 50,441                         | 3,975                                | 1,116                                  | 8,709                             | 2,703             | 2,994      | 10,288          | 20,656      | 106,454        |
| 1992                 | 162,299    | 52,157                         | 4,227                                | 1,057                                  | 9,199                             | 2,834             | 2,929      | 10,562          | 21,349      | 110,142        |
| 1993                 | 169,753    | 55,454                         | 4,381                                | 1,006                                  | 9,773                             | 2,794             | 2,928      | 11,002          | 23,570      | 114,299        |
| 1994                 | 176,762    | 57,970                         | 4,515                                | 994                                    | 10,128                            | 3,030             | 3,287      | 11,722          | 24,294      | 118,792        |
| 1995                 | 179,198    | 58,518                         | 4,740                                | 1,032                                  | 10,130                            | 2,958             | 3,735      | 11,925          | 23,998      | 120,680        |
| 1996                 | 180,360    | 57,860                         | 5,259                                | 1,051                                  | 9,999                             | 2,914             | 3,670      | 11,958          | 23,009      | 122,500        |
| 1997                 | 181,457    | 55,223                         | 5,308                                | 948                                    | 9,620                             | 2,808             | 3,715      | 11,645          | 21,179      | 126,234        |
| 1998                 | 185,061    | 55,335                         | 5,167                                | 932                                    | 10,393                            | 2,529             | 3,606      | 11,733          | 20,975      | 129,726        |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 191,234    | 54,213                         | 4,854                                | 832                                    | 11,458                            | 2,297             | 3,415      | 10,961          | 20,396      | 137,021        |
| 2001                 | 193,006    | 55,593                         | 4,647                                | 799                                    | 12,724                            | 2,436             | 3,477      | 10,615          | 20,895      | 137,413        |
| 2002                 | 198,097    | 55,701                         | 4,687                                | 834                                    | 13,020                            | 2,298             | 3,369      | 10,801          | 20,692      | 142,396        |
| 2003                 | 210,758    | 61,199                         | 4,755                                | 879                                    | 15,186                            | 2,378             | 3,369      | 11,112          | 23,520      | 149,559        |
| 2004                 | 227,335    | 66,798                         | 5,125                                | 869                                    | 16,005                            | 2,517             | 3,348      | 12,197          | 26,737      | 160,537        |
| 2005                 | 230,057    | 66,974                         | 5,180                                | 973                                    | 15,329                            | 2,587             | 3,444      | 12,969          | 26,492      | 163,083        |
| 2006                 | 234,152    | 66,262                         | 5,539                                | 959                                    | 14,968                            | 2,684             | 3,538      | 13,315          | 25,259      | 167,890        |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 15. Percentage distribution of master's degrees awarded to men, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 38.2                           | 5.0                                  | 0.8                                    | 4.3                               | 4.0               | 1.7        | 7.8             | 14.6        | 61.8           |
| 1967                 | 100.0      | 37.5                           | 5.2                                  | 0.9                                    | 4.3                               | 3.8               | 1.9        | 8.0             | 13.4        | 62.5           |
| 1968                 | 100.0      | 36.5                           | 5.0                                  | 0.8                                    | 4.1                               | 3.4               | 2.0        | 7.9             | 13.3        | 63.5           |
| 1969                 | 100.0      | 36.3                           | 4.9                                  | 0.8                                    | 4.2                               | 3.4               | 2.1        | 8.2             | 12.4        | 63.7           |
| 1970                 | 100.0      | 34.9                           | 4.5                                  | 0.8                                    | 4.2                               | 3.2               | 2.0        | 8.0             | 12.2        | 65.1           |
| 1971                 | 100.0      | 33.3                           | 4.0                                  | 0.8                                    | 3.7                               | 3.2               | 2.0        | 7.9             | 11.7        | 66.7           |
| 1972                 | 100.0      | 32.5                           | 4.0                                  | 0.8                                    | 3.6                               | 2.8               | 2.2        | 8.1             | 11.0        | 67.5           |
| 1973                 | 100.0      | 32.4                           | 4.1                                  | 0.8                                    | 3.5                               | 2.6               | 2.3        | 8.5             | 10.5        | 67.6           |
| 1974                 | 100.0      | 31.3                           | 4.2                                  | 0.9                                    | 3.4                               | 2.3               | 2.5        | 8.6             | 9.4         | 68.7           |
| 1975                 | 100.0      | 30.5                           | 4.2                                  | 0.8                                    | 3.0                               | 2.2               | 2.5        | 8.6             | 9.1         | 69.5           |
| 1976                 | 100.0      | 29.8                           | 4.0                                  | 0.8                                    | 2.8                               | 2.0               | 2.5        | 8.4             | 9.2         | 70.2           |
| 1977                 | 100.0      | 30.3                           | 4.3                                  | 0.9                                    | 2.8                               | 1.8               | 2.6        | 8.9             | 9.1         | 69.7           |
| 1978                 | 100.0      | 30.9                           | 4.3                                  | 1.0                                    | 2.9                               | 1.9               | 2.4        | 9.0             | 9.4         | 69.1           |
| 1979                 | 100.0      | 30.3                           | 4.4                                  | 1.0                                    | 2.9                               | 1.9               | 2.4        | 8.4             | 9.3         | 69.7           |
| 1980                 | 100.0      | 30.4                           | 4.3                                  | 1.0                                    | 3.1                               | 1.8               | 2.2        | 8.2             | 9.8         | 69.6           |
| 1981                 | 100.0      | 30.9                           | 4.1                                  | 1.0                                    | 3.4                               | 1.8               | 2.3        | 8.0             | 10.3        | 69.1           |
| 1982                 | 100.0      | 31.9                           | 4.0                                  | 1.1                                    | 3.7                               | 1.9               | 2.2        | 8.0             | 11.0        | 68.1           |
| 1983                 | 100.0      | 32.2                           | 3.9                                  | 1.0                                    | 3.9                               | 1.8               | 2.2        | 7.5             | 11.8        | 67.8           |
| 1984                 | 100.0      | 32.7                           | 3.7                                  | 1.1                                    | 4.3                               | 1.9               | 2.1        | 7.2             | 12.5        | 67.3           |
| 1985                 | 100.0      | 33.6                           | 3.4                                  | 1.1                                    | 4.8                               | 1.9               | 2.1        | 7.1             | 13.0        | 66.4           |
| 1986                 | 100.0      | 33.8                           | 3.3                                  | 1.2                                    | 5.4                               | 1.9               | 2.0        | 7.0             | 13.0        | 66.2           |
| 1987                 | 100.0      | 34.4                           | 3.1                                  | 1.1                                    | 5.7                               | 1.9               | 2.0        | 7.0             | 13.6        | 65.6           |
| 1988                 | 100.0      | 34.3                           | 3.0                                  | 1.0                                    | 6.0                               | 1.9               | 1.8        | 6.9             | 13.7        | 65.7           |
| 1989                 | 100.0      | 34.0                           | 2.8                                  | 0.9                                    | 5.9                               | 1.9               | 1.9        | 6.8             | 13.8        | 66.0           |
| 1990                 | 100.0      | 33.3                           | 2.6                                  | 0.8                                    | 6.0                               | 1.8               | 2.0        | 6.7             | 13.5        | 66.7           |
| 1991                 | 100.0      | 32.1                           | 2.5                                  | 0.7                                    | 5.6                               | 1.7               | 1.9        | 6.6             | 13.2        | 67.9           |
| 1992                 | 100.0      | 32.1                           | 2.6                                  | 0.7                                    | 5.7                               | 1.7               | 1.8        | 6.5             | 13.2        | 67.9           |
| 1993                 | 100.0      | 32.7                           | 2.6                                  | 0.6                                    | 5.8                               | 1.6               | 1.7        | 6.5             | 13.9        | 67.3           |
| 1994                 | 100.0      | 32.8                           | 2.6                                  | 0.6                                    | 5.7                               | 1.7               | 1.9        | 6.6             | 13.7        | 67.2           |
| 1995                 | 100.0      | 32.7                           | 2.6                                  | 0.6                                    | 5.7                               | 1.7               | 2.1        | 6.7             | 13.4        | 67.3           |
| 1996                 | 100.0      | 32.1                           | 2.9                                  | 0.6                                    | 5.5                               | 1.6               | 2.0        | 6.6             | 12.8        | 67.9           |
| 1997                 | 100.0      | 30.4                           | 2.9                                  | 0.5                                    | 5.3                               | 1.5               | 2.0        | 6.4             | 11.7        | 69.6           |
| 1998                 | 100.0      | 29.9                           | 2.8                                  | 0.5                                    | 5.6                               | 1.4               | 1.9        | 6.3             | 11.3        | 70.1           |
| 1999                 | NA         | NA                             | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0      | 28.3                           | 2.5                                  | 0.4                                    | 6.0                               | 1.2               | 1.8        | 5.7             | 10.7        | 71.7           |
| 2001                 | 100.0      | 28.8                           | 2.4                                  | 0.4                                    | 6.6                               | 1.3               | 1.8        | 5.5             | 10.8        | 71.2           |
| 2002                 | 100.0      | 28.1                           | 2.4                                  | 0.4                                    | 6.6                               | 1.2               | 1.7        | 5.5             | 10.4        | 71.9           |
| 2003                 | 100.0      | 29.0                           | 2.3                                  | 0.4                                    | 7.2                               | 1.1               | 1.6        | 5.3             | 11.2        | 71.0           |
| 2004                 | 100.0      | 29.4                           | 2.3                                  | 0.4                                    | 7.0                               | 1.1               | 1.5        | 5.4             | 11.8        | 70.6           |
| 2005                 | 100.0      | 29.1                           | 2.3                                  | 0.4                                    | 6.7                               | 1.1               | 1.5        | 5.6             | 11.5        | 70.9           |
| 2006                 | 100.0      | 28.3                           | 2.4                                  | 0.4                                    | 6.4                               | 1.1               | 1.5        | 5.7             | 10.8        | 71.7           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 16. Master's degrees awarded to women, by major field group: 1966–2006

| Academic<br>year ending | Science and engineering fields |        |  |  |   |                      |            |                    |             | Non-S&E<br>fields |
|-------------------------|--------------------------------|--------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         | All fields                     | Total  | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering |                   |
| 1966                    | 47,588                         | 5,469  | 1,219                                      | 45   | 1,018                                   | 483                  | 798        | 1,830              | 76          | 42,119            |
| 1967                    | 54,713                         | 6,306  | 1,353                                      | 55   | 1,310                                   | 498                  | 927        | 2,085              | 78          | 48,407            |
| 1968                    | 63,401                         | 7,209  | 1,631                                      | 71   | 1,361                                   | 564                  | 1,011      | 2,472              | 99          | 56,192            |
| 1969                    | 72,533                         | 8,200  | 1,766                                      | 89   | 1,566                                   | 579                  | 1,154      | 2,933              | 113         | 64,333            |
| 1970                    | 83,241                         | 9,722  | 1,964                                      | 125  | 1,809                                   | 722                  | 1,478      | 3,455              | 169         | 73,519            |
| 1971                    | 92,896                         | 10,338 | 2,058                                      | 116  | 1,688                                   | 736                  | 1,651      | 3,903              | 186         | 82,558            |
| 1972                    | 102,689                        | 11,328 | 2,186                                      | 152  | 1,777                                   | 736                  | 2,033      | 4,173              | 271         | 91,361            |
| 1973                    | 109,525                        | 11,813 | 2,108                                      | 176  | 1,730                                   | 669                  | 2,367      | 4,485              | 278         | 97,712            |
| 1974                    | 119,915                        | 12,711 | 2,233                                      | 197  | 1,793                                   | 690                  | 2,630      | 4,821              | 347         | 107,204           |
| 1975                    | 131,536                        | 13,788 | 2,275                                      | 194  | 1,766                                   | 653                  | 3,045      | 5,483              | 372         | 117,748           |
| 1976                    | 145,256                        | 15,015 | 2,471                                      | 220  | 1,690                                   | 605                  | 3,671      | 5,790              | 568         | 130,241           |
| 1977                    | 150,031                        | 16,498 | 2,841                                      | 226  | 1,766                                   | 660                  | 4,004      | 6,303              | 698         | 133,533           |
| 1978                    | 151,108                        | 17,230 | 3,020                                      | 290  | 1,717                                   | 653                  | 4,263      | 6,444              | 843         | 133,878           |
| 1979                    | 148,303                        | 17,612 | 3,231                                      | 310  | 1,632                                   | 679                  | 4,343      | 6,480              | 937         | 130,691           |
| 1980                    | 147,936                        | 18,085 | 3,129                                      | 336  | 1,800                                   | 638                  | 4,464      | 6,595              | 1,123       | 129,851           |
| 1981                    | 149,367                        | 18,861 | 3,046                                      | 406  | 1,848                                   | 675                  | 4,668      | 6,889              | 1,329       | 130,506           |
| 1982                    | 150,639                        | 20,011 | 3,303                                      | 452  | 2,220                                   | 747                  | 4,621      | 7,093              | 1,575       | 130,628           |
| 1983                    | 145,817                        | 20,999 | 3,433                                      | 444  | 2,493                                   | 685                  | 5,185      | 7,004              | 1,755       | 124,818           |
| 1984                    | 141,464                        | 21,533 | 3,399                                      | 465  | 2,775                                   | 846                  | 5,093      | 6,855              | 2,100       | 119,931           |
| 1985                    | 143,497                        | 22,331 | 3,327                                      | 521  | 3,053                                   | 830                  | 5,417      | 6,939              | 2,244       | 121,166           |
| 1986                    | 145,897                        | 23,219 | 3,344                                      | 517  | 3,530                                   | 913                  | 5,426      | 7,089              | 2,400       | 122,678           |
| 1987                    | 148,877                        | 23,844 | 3,338                                      | 520  | 3,797                                   | 890                  | 5,327      | 7,202              | 2,770       | 125,033           |
| 1988                    | 154,688                        | 23,835 | 3,244                                      | 487  | 3,841                                   | 891                  | 5,326      | 7,238              | 2,808       | 130,853           |
| 1989                    | 161,651                        | 25,580 | 3,313                                      | 482  | 3,996                                   | 1,040                | 5,838      | 7,829              | 3,082       | 136,071           |
| 1990                    | 170,922                        | 26,558 | 3,447                                      | 378  | 4,151                                   | 1,051                | 6,283      | 7,979              | 3,269       | 144,364           |
| 1991                    | 181,603                        | 27,927 | 3,431                                      | 383  | 4,247                                   | 1,074                | 6,808      | 8,627              | 3,357       | 153,676           |
| 1992                    | 191,908                        | 28,950 | 3,658                                      | 368  | 4,121                                   | 1,088                | 6,923      | 9,123              | 3,669       | 162,958           |
| 1993                    | 201,220                        | 30,971 | 3,731                                      | 391  | 4,327                                   | 1,171                | 7,484      | 9,773              | 4,094       | 170,249           |
| 1994                    | 212,246                        | 33,441 | 4,171                                      | 424  | 4,222                                   | 1,233                | 8,285      | 10,683             | 4,423       | 178,805           |
| 1995                    | 220,230                        | 35,791 | 4,329                                      | 451  | 4,365                                   | 1,283                | 9,397      | 11,334             | 4,632       | 184,439           |
| 1996                    | 228,572                        | 37,453 | 5,048                                      | 436  | 4,356                                   | 1,450                | 9,373      | 12,038             | 4,752       | 191,119           |
| 1997                    | 239,497                        | 38,262 | 5,213                                      | 487  | 4,468                                   | 1,333                | 9,918      | 12,148             | 4,695       | 201,235           |
| 1998                    | 246,810                        | 38,583 | 5,063                                      | 494  | 4,884                                   | 1,440                | 9,540      | 11,999             | 5,163       | 208,227           |
| 1999                    | NA                             | NA     | NA   | NA   | NA                                      | NA                   | NA         | NA                 | NA          | NA                |
| 2000                    | 265,026                        | 41,470 | 5,329                                      | 513  | 6,366                                   | 1,215                | 10,293     | 12,414             | 5,340       | 223,556           |
| 2001                    | 273,639                        | 43,393 | 5,592                                      | 564  | 6,897                                   | 1,301                | 10,858     | 12,553             | 5,628       | 230,246           |
| 2002                    | 283,035                        | 43,472 | 5,666                                      | 572  | 6,970                                   | 1,326                | 10,672     | 12,692             | 5,574       | 239,563           |
| 2003                    | 300,845                        | 46,711 | 6,077                                      | 612  | 7,768                                   | 1,324                | 11,100     | 13,646             | 6,184       | 254,134           |
| 2004                    | 328,202                        | 51,672 | 6,743                                      | 701  | 8,145                                   | 1,513                | 11,950     | 15,485             | 7,135       | 276,530           |
| 2005                    | 337,818                        | 53,051 | 7,090                                      | 712  | 7,089                                   | 1,529                | 12,632     | 16,392             | 7,607       | 284,767           |
| 2006                    | 351,877                        | 54,075 | 7,223                                      | 768  | 6,522                                   | 1,627                | 13,237     | 17,186             | 7,512       | 297,802           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 17. Percentage distribution of master's degrees awarded to women, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |       |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|-------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0                          | 11.5  | 2.6                                  | 0.1                                    | 2.1                               | 1.0               | 1.7        | 3.8             | 0.2         | 88.5           |
| 1967                 | 100.0                          | 11.5  | 2.5                                  | 0.1                                    | 2.4                               | 0.9               | 1.7        | 3.8             | 0.1         | 88.5           |
| 1968                 | 100.0                          | 11.4  | 2.6                                  | 0.1                                    | 2.1                               | 0.9               | 1.6        | 3.9             | 0.2         | 88.6           |
| 1969                 | 100.0                          | 11.3  | 2.4                                  | 0.1                                    | 2.2                               | 0.8               | 1.6        | 4.0             | 0.2         | 88.7           |
| 1970                 | 100.0                          | 11.7  | 2.4                                  | 0.2                                    | 2.2                               | 0.9               | 1.8        | 4.2             | 0.2         | 88.3           |
| 1971                 | 100.0                          | 11.1  | 2.2                                  | 0.1                                    | 1.8                               | 0.8               | 1.8        | 4.2             | 0.2         | 88.9           |
| 1972                 | 100.0                          | 11.0  | 2.1                                  | 0.1                                    | 1.7                               | 0.7               | 2.0        | 4.1             | 0.3         | 89.0           |
| 1973                 | 100.0                          | 10.8  | 1.9                                  | 0.2                                    | 1.6                               | 0.6               | 2.2        | 4.1             | 0.3         | 89.2           |
| 1974                 | 100.0                          | 10.6  | 1.9                                  | 0.2                                    | 1.5                               | 0.6               | 2.2        | 4.0             | 0.3         | 89.4           |
| 1975                 | 100.0                          | 10.5  | 1.7                                  | 0.1                                    | 1.3                               | 0.5               | 2.3        | 4.2             | 0.3         | 89.5           |
| 1976                 | 100.0                          | 10.3  | 1.7                                  | 0.2                                    | 1.2                               | 0.4               | 2.5        | 4.0             | 0.4         | 89.7           |
| 1977                 | 100.0                          | 11.0  | 1.9                                  | 0.2                                    | 1.2                               | 0.4               | 2.7        | 4.2             | 0.5         | 89.0           |
| 1978                 | 100.0                          | 11.4  | 2.0                                  | 0.2                                    | 1.1                               | 0.4               | 2.8        | 4.3             | 0.6         | 88.6           |
| 1979                 | 100.0                          | 11.9  | 2.2                                  | 0.2                                    | 1.1                               | 0.5               | 2.9        | 4.4             | 0.6         | 88.1           |
| 1980                 | 100.0                          | 12.2  | 2.1                                  | 0.2                                    | 1.2                               | 0.4               | 3.0        | 4.5             | 0.8         | 87.8           |
| 1981                 | 100.0                          | 12.6  | 2.0                                  | 0.3                                    | 1.2                               | 0.5               | 3.1        | 4.6             | 0.9         | 87.4           |
| 1982                 | 100.0                          | 13.3  | 2.2                                  | 0.3                                    | 1.5                               | 0.5               | 3.1        | 4.7             | 1.0         | 86.7           |
| 1983                 | 100.0                          | 14.4  | 2.4                                  | 0.3                                    | 1.7                               | 0.5               | 3.6        | 4.8             | 1.2         | 85.6           |
| 1984                 | 100.0                          | 15.2  | 2.4                                  | 0.3                                    | 2.0                               | 0.6               | 3.6        | 4.8             | 1.5         | 84.8           |
| 1985                 | 100.0                          | 15.6  | 2.3                                  | 0.4                                    | 2.1                               | 0.6               | 3.8        | 4.8             | 1.6         | 84.4           |
| 1986                 | 100.0                          | 15.9  | 2.3                                  | 0.4                                    | 2.4                               | 0.6               | 3.7        | 4.9             | 1.6         | 84.1           |
| 1987                 | 100.0                          | 16.0  | 2.2                                  | 0.3                                    | 2.6                               | 0.6               | 3.6        | 4.8             | 1.9         | 84.0           |
| 1988                 | 100.0                          | 15.4  | 2.1                                  | 0.3                                    | 2.5                               | 0.6               | 3.4        | 4.7             | 1.8         | 84.6           |
| 1989                 | 100.0                          | 15.8  | 2.0                                  | 0.3                                    | 2.5                               | 0.6               | 3.6        | 4.8             | 1.9         | 84.2           |
| 1990                 | 100.0                          | 15.5  | 2.0                                  | 0.2                                    | 2.4                               | 0.6               | 3.7        | 4.7             | 1.9         | 84.5           |
| 1991                 | 100.0                          | 15.4  | 1.9                                  | 0.2                                    | 2.3                               | 0.6               | 3.7        | 4.8             | 1.8         | 84.6           |
| 1992                 | 100.0                          | 15.1  | 1.9                                  | 0.2                                    | 2.1                               | 0.6               | 3.6        | 4.8             | 1.9         | 84.9           |
| 1993                 | 100.0                          | 15.4  | 1.9                                  | 0.2                                    | 2.2                               | 0.6               | 3.7        | 4.9             | 2.0         | 84.6           |
| 1994                 | 100.0                          | 15.8  | 2.0                                  | 0.2                                    | 2.0                               | 0.6               | 3.9        | 5.0             | 2.1         | 84.2           |
| 1995                 | 100.0                          | 16.3  | 2.0                                  | 0.2                                    | 2.0                               | 0.6               | 4.3        | 5.1             | 2.1         | 83.7           |
| 1996                 | 100.0                          | 16.4  | 2.2                                  | 0.2                                    | 1.9                               | 0.6               | 4.1        | 5.3             | 2.1         | 83.6           |
| 1997                 | 100.0                          | 16.0  | 2.2                                  | 0.2                                    | 1.9                               | 0.6               | 4.1        | 5.1             | 2.0         | 84.0           |
| 1998                 | 100.0                          | 15.6  | 2.1                                  | 0.2                                    | 2.0                               | 0.6               | 3.9        | 4.9             | 2.1         | 84.4           |
| 1999                 | NA                             | NA    | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 100.0                          | 15.6  | 2.0                                  | 0.2                                    | 2.4                               | 0.5               | 3.9        | 4.7             | 2.0         | 84.4           |
| 2001                 | 100.0                          | 15.9  | 2.0                                  | 0.2                                    | 2.5                               | 0.5               | 4.0        | 4.6             | 2.1         | 84.1           |
| 2002                 | 100.0                          | 15.4  | 2.0                                  | 0.2                                    | 2.5                               | 0.5               | 3.8        | 4.5             | 2.0         | 84.6           |
| 2003                 | 100.0                          | 15.5  | 2.0                                  | 0.2                                    | 2.6                               | 0.4               | 3.7        | 4.5             | 2.1         | 84.5           |
| 2004                 | 100.0                          | 15.7  | 2.1                                  | 0.2                                    | 2.5                               | 0.5               | 3.6        | 4.7             | 2.2         | 84.3           |
| 2005                 | 100.0                          | 15.7  | 2.1                                  | 0.2                                    | 2.1                               | 0.5               | 3.7        | 4.9             | 2.3         | 84.3           |
| 2006                 | 100.0                          | 15.4  | 2.1                                  | 0.2                                    | 1.9                               | 0.5               | 3.8        | 4.9             | 2.1         | 84.6           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 18. Women as a percentage of all master's degree recipients, by major field group: 1966–2006

| Academic year ending | Science and engineering fields |       |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|--------------------------------|-------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      | All fields                     | Total | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 33.8                           | 13.3  | 20.8                                 | 5.9                                    | 20.3                              | 11.5              | 32.9       | 20.2            | 0.6         | 42.2           |
| 1967                 | 34.7                           | 14.0  | 20.2                                 | 5.7                                    | 22.9                              | 11.3              | 32.0       | 20.1            | 0.6         | 42.9           |
| 1968                 | 35.8                           | 14.8  | 22.3                                 | 7.0                                    | 22.4                              | 12.7              | 31.2       | 21.6            | 0.6         | 43.8           |
| 1969                 | 37.3                           | 15.7  | 22.6                                 | 7.9                                    | 23.3                              | 12.2              | 30.9       | 22.6            | 0.7         | 45.3           |
| 1970                 | 39.8                           | 18.1  | 25.8                                 | 11.1                                   | 25.5                              | 15.1              | 37.3       | 25.6            | 1.1         | 47.2           |
| 1971                 | 40.1                           | 18.3  | 27.1                                 | 9.5                                    | 24.9                              | 14.4              | 37.2       | 26.2            | 1.1         | 47.2           |
| 1972                 | 40.6                           | 18.9  | 26.7                                 | 10.8                                   | 24.7                              | 15.1              | 38.4       | 25.5            | 1.6         | 47.4           |
| 1973                 | 41.4                           | 19.0  | 24.8                                 | 12.0                                   | 24.2                              | 14.0              | 40.2       | 25.3            | 1.7         | 48.3           |
| 1974                 | 43.1                           | 20.4  | 25.2                                 | 11.7                                   | 25.2                              | 15.8              | 39.8       | 26.2            | 2.3         | 49.6           |
| 1975                 | 44.8                           | 21.8  | 25.2                                 | 12.9                                   | 26.6                              | 15.2              | 42.9       | 28.2            | 2.5         | 51.1           |
| 1976                 | 46.4                           | 23.1  | 26.8                                 | 13.9                                   | 26.1                              | 15.6              | 46.7       | 29.0            | 3.5         | 52.5           |
| 1977                 | 47.1                           | 24.5  | 28.2                                 | 13.6                                   | 27.2                              | 18.1              | 48.1       | 29.7            | 4.4         | 53.2           |
| 1978                 | 48.3                           | 25.6  | 30.2                                 | 15.8                                   | 26.7                              | 17.6              | 52.0       | 30.7            | 5.2         | 54.5           |
| 1979                 | 49.1                           | 27.4  | 32.3                                 | 17.4                                   | 26.7                              | 18.6              | 54.1       | 33.5            | 6.1         | 54.9           |
| 1980                 | 49.5                           | 28.2  | 32.5                                 | 18.7                                   | 27.6                              | 18.7              | 56.8       | 34.8            | 7.0         | 55.3           |
| 1981                 | 50.3                           | 29.3  | 33.4                                 | 21.6                                   | 27.2                              | 20.1              | 58.1       | 36.8            | 8.1         | 56.1           |
| 1982                 | 50.8                           | 30.1  | 35.9                                 | 22.5                                   | 29.0                              | 21.4              | 58.9       | 37.7            | 9.0         | 56.8           |
| 1983                 | 50.1                           | 31.0  | 37.6                                 | 22.7                                   | 30.5                              | 20.9              | 61.4       | 39.2            | 9.3         | 55.9           |
| 1984                 | 49.6                           | 31.4  | 39.1                                 | 23.5                                   | 31.0                              | 23.9              | 63.1       | 39.9            | 10.4        | 55.3           |
| 1985                 | 50.0                           | 31.6  | 40.5                                 | 24.1                                   | 30.5                              | 23.0              | 63.9       | 40.5            | 10.7        | 55.9           |
| 1986                 | 50.3                           | 32.3  | 41.7                                 | 23.1                                   | 31.4                              | 25.0              | 64.9       | 41.2            | 11.4        | 56.3           |
| 1987                 | 51.2                           | 32.8  | 42.9                                 | 25.4                                   | 32.2                              | 24.9              | 65.2       | 42.0            | 12.6        | 57.4           |
| 1988                 | 51.5                           | 32.4  | 42.9                                 | 25.4                                   | 30.5                              | 24.0              | 67.2       | 42.0            | 12.4        | 57.8           |
| 1989                 | 52.0                           | 33.5  | 44.0                                 | 26.5                                   | 31.1                              | 26.8              | 67.5       | 43.5            | 13.0        | 58.0           |
| 1990                 | 52.6                           | 34.1  | 45.8                                 | 23.7                                   | 31.1                              | 27.6              | 67.5       | 43.8            | 13.6        | 58.4           |
| 1991                 | 53.6                           | 35.6  | 46.3                                 | 25.6                                   | 32.8                              | 28.4              | 69.5       | 45.6            | 14.0        | 59.1           |
| 1992                 | 54.2                           | 35.7  | 46.4                                 | 25.8                                   | 30.9                              | 27.7              | 70.3       | 46.3            | 14.7        | 59.7           |
| 1993                 | 54.2                           | 35.8  | 46.0                                 | 28.0                                   | 30.7                              | 29.5              | 71.9       | 47.0            | 14.8        | 59.8           |
| 1994                 | 54.6                           | 36.6  | 48.0                                 | 29.9                                   | 29.4                              | 28.9              | 71.6       | 47.7            | 15.4        | 60.1           |
| 1995                 | 55.1                           | 38.0  | 47.7                                 | 30.4                                   | 30.1                              | 30.3              | 71.6       | 48.7            | 16.2        | 60.4           |
| 1996                 | 55.9                           | 39.3  | 49.0                                 | 29.3                                   | 30.3                              | 33.2              | 71.9       | 50.2            | 17.1        | 60.9           |
| 1997                 | 56.9                           | 40.9  | 49.5                                 | 33.9                                   | 31.7                              | 32.2              | 72.7       | 51.1            | 18.1        | 61.5           |
| 1998                 | 57.1                           | 41.1  | 49.5                                 | 34.6                                   | 32.0                              | 36.3              | 72.6       | 50.6            | 19.8        | 61.6           |
| 1999                 | NA                             | NA    | NA                                   | NA                                     | NA                                | NA                | NA         | NA              | NA          | NA             |
| 2000                 | 58.1                           | 43.3  | 52.3                                 | 38.1                                   | 35.7                              | 34.6              | 75.1       | 53.1            | 20.7        | 62.0           |
| 2001                 | 58.6                           | 43.8  | 54.6                                 | 41.4                                   | 35.2                              | 34.8              | 75.7       | 54.2            | 21.2        | 62.6           |
| 2002                 | 58.8                           | 43.8  | 54.7                                 | 40.7                                   | 34.9                              | 36.6              | 76.0       | 54.0            | 21.2        | 62.7           |
| 2003                 | 58.8                           | 43.3  | 56.1                                 | 41.0                                   | 33.8                              | 35.8              | 76.7       | 55.1            | 20.8        | 63.0           |
| 2004                 | 59.1                           | 43.6  | 56.8                                 | 44.6                                   | 33.7                              | 37.5              | 78.1       | 55.9            | 21.1        | 63.3           |
| 2005                 | 59.5                           | 44.2  | 57.8                                 | 42.3                                   | 31.6                              | 37.1              | 78.6       | 55.8            | 22.3        | 63.6           |
| 2006                 | 60.0                           | 44.9  | 56.6                                 | 44.5                                   | 30.3                              | 37.7              | 78.9       | 56.3            | 22.9        | 63.9           |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 19. Doctoral degrees awarded, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 17,949     | 11,570                         | 2,711                                | 404                                    | 769                               | 2,655             | 1,139      | 1,591           | 2,301       | 6,379          |
| 1967                 | 20,403     | 13,109                         | 2,966                                | 415                                    | 830                               | 3,085             | 1,295      | 1,911           | 2,607       | 7,294          |
| 1968                 | 22,937     | 14,645                         | 3,511                                | 434                                    | 971                               | 3,239             | 1,464      | 2,162           | 2,864       | 8,292          |
| 1969                 | 25,743     | 16,288                         | 3,815                                | 496                                    | 1,070                             | 3,428             | 1,766      | 2,437           | 3,276       | 9,455          |
| 1970                 | 29,498     | 18,052                         | 4,165                                | 498                                    | 1,225                             | 3,893             | 1,890      | 2,935           | 3,446       | 11,446         |
| 1971                 | 31,867     | 19,381                         | 4,557                                | 536                                    | 1,238                             | 3,949             | 2,145      | 3,442           | 3,514       | 12,486         |
| 1972                 | 33,041     | 19,342                         | 4,476                                | 576                                    | 1,281                             | 3,653             | 2,279      | 3,568           | 3,509       | 13,699         |
| 1973                 | 33,755     | 19,373                         | 4,558                                | 569                                    | 1,233                             | 3,444             | 2,458      | 3,737           | 3,374       | 14,382         |
| 1974                 | 33,047     | 18,714                         | 4,357                                | 562                                    | 1,211                             | 3,136             | 2,598      | 3,689           | 3,161       | 14,333         |
| 1975                 | 32,952     | 18,799                         | 4,479                                | 548                                    | 1,147                             | 3,076             | 2,751      | 3,787           | 3,011       | 14,153         |
| 1976                 | 32,946     | 18,472                         | 4,422                                | 580                                    | 1,003                             | 2,861             | 2,883      | 3,885           | 2,838       | 14,474         |
| 1977                 | 31,716     | 18,008                         | 4,320                                | 635                                    | 964                               | 2,721             | 2,990      | 3,730           | 2,648       | 13,708         |
| 1978                 | 30,875     | 17,653                         | 4,414                                | 576                                    | 959                               | 2,611             | 3,055      | 3,613           | 2,425       | 13,222         |
| 1979                 | 31,238     | 17,872                         | 4,554                                | 589                                    | 979                               | 2,674             | 3,091      | 3,491           | 2,494       | 13,366         |
| 1980                 | 31,019     | 17,775                         | 4,755                                | 588                                    | 962                               | 2,521             | 3,098      | 3,372           | 2,479       | 13,244         |
| 1981                 | 31,355     | 18,257                         | 4,839                                | 529                                    | 960                               | 2,627             | 3,358      | 3,416           | 2,528       | 13,098         |
| 1982                 | 31,108     | 18,273                         | 4,897                                | 604                                    | 940                               | 2,694             | 3,158      | 3,334           | 2,646       | 12,835         |
| 1983                 | 31,280     | 18,634                         | 4,806                                | 587                                    | 987                               | 2,801             | 3,346      | 3,326           | 2,781       | 12,646         |
| 1984                 | 31,334     | 18,745                         | 4,922                                | 569                                    | 993                               | 2,845             | 3,255      | 3,249           | 2,912       | 12,589         |
| 1985                 | 31,295     | 18,934                         | 4,945                                | 575                                    | 998                               | 2,916             | 3,117      | 3,217           | 3,166       | 12,361         |
| 1986                 | 31,897     | 19,435                         | 4,838                                | 554                                    | 1,128                             | 3,090             | 3,126      | 3,324           | 3,375       | 12,462         |
| 1987                 | 32,365     | 19,892                         | 4,844                                | 599                                    | 1,189                             | 3,212             | 3,172      | 3,164           | 3,712       | 12,473         |
| 1988                 | 33,497     | 20,930                         | 5,184                                | 670                                    | 1,264                             | 3,316             | 3,074      | 3,236           | 4,186       | 12,567         |
| 1989                 | 34,325     | 21,732                         | 5,270                                | 672                                    | 1,471                             | 3,244             | 3,208      | 3,324           | 4,543       | 12,593         |
| 1990                 | 36,065     | 22,867                         | 5,552                                | 719                                    | 1,597                             | 3,493             | 3,281      | 3,331           | 4,894       | 13,198         |
| 1991                 | 37,530     | 24,019                         | 5,757                                | 801                                    | 1,838                             | 3,605             | 3,250      | 3,555           | 5,213       | 13,511         |
| 1992                 | 38,886     | 24,673                         | 5,919                                | 767                                    | 1,927                             | 3,750             | 3,262      | 3,610           | 5,438       | 14,213         |
| 1993                 | 39,800     | 25,443                         | 6,128                                | 721                                    | 2,026                             | 3,681             | 3,420      | 3,769           | 5,698       | 14,357         |
| 1994                 | 41,033     | 26,203                         | 6,341                                | 791                                    | 2,021                             | 3,949             | 3,379      | 3,902           | 5,820       | 14,830         |
| 1995                 | 41,747     | 26,535                         | 6,493                                | 726                                    | 2,187                             | 3,814             | 3,429      | 3,878           | 6,008       | 15,212         |
| 1996                 | 42,437     | 27,240                         | 6,842                                | 724                                    | 2,042                             | 3,826             | 3,494      | 4,003           | 6,309       | 15,197         |
| 1997                 | 42,539     | 27,229                         | 6,866                                | 804                                    | 2,032                             | 3,746             | 3,557      | 4,110           | 6,114       | 15,310         |
| 1998                 | 42,637     | 27,273                         | 6,955                                | 765                                    | 2,104                             | 3,800             | 3,673      | 4,055           | 5,921       | 15,364         |
| 1999                 | 41,097     | 25,931                         | 6,646                                | 723                                    | 1,939                             | 3,562             | 3,668      | 4,063           | 5,330       | 15,166         |
| 2000                 | 41,365     | 25,966                         | 6,890                                | 694                                    | 1,910                             | 3,378             | 3,616      | 4,155           | 5,323       | 15,399         |
| 2001                 | 40,737     | 25,528                         | 6,672                                | 660                                    | 1,840                             | 3,364             | 3,399      | 4,082           | 5,511       | 15,209         |
| 2002                 | 40,025     | 24,608                         | 6,703                                | 689                                    | 1,730                             | 3,186             | 3,207      | 4,014           | 5,079       | 15,417         |
| 2003                 | 40,757     | 25,281                         | 6,755                                | 683                                    | 1,859                             | 3,289             | 3,276      | 4,139           | 5,280       | 15,476         |
| 2004                 | 42,123     | 26,275                         | 6,985                                | 686                                    | 2,024                             | 3,338             | 3,327      | 4,138           | 5,777       | 15,848         |
| 2005                 | 43,385     | 27,989                         | 7,406                                | 714                                    | 2,335                             | 3,645             | 3,323      | 4,141           | 6,425       | 15,396         |
| 2006                 | 45,596     | 29,854                         | 7,664                                | 757                                    | 2,779                             | 3,925             | 3,263      | 4,275           | 7,191       | 15,742         |

S&E = science and engineering.

NOTES: See appendix B for specific fields that are included in each category. Totals include those that did not report gender.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 20. Percentage distribution of doctoral degrees awarded, by major field group: 1966–2006

| Academic<br>year ending | All fields | Science and engineering fields |  |  |   |                      |            |                    |             | Non-S&E<br>fields |
|-------------------------|------------|--------------------------------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         |            | Total                          | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering |                   |
| 1966                    | 100.0      | 64.5                           | 15.1                                       | 2.3  | 4.3                                     | 14.8                 | 6.3        | 8.9                | 12.8        | 35.5              |
| 1967                    | 100.0      | 64.3                           | 14.5                                       | 2.0  | 4.1                                     | 15.1                 | 6.3        | 9.4                | 12.8        | 35.7              |
| 1968                    | 100.0      | 63.8                           | 15.3                                       | 1.9  | 4.2                                     | 14.1                 | 6.4        | 9.4                | 12.5        | 36.2              |
| 1969                    | 100.0      | 63.3                           | 14.8                                       | 1.9  | 4.2                                     | 13.3                 | 6.9        | 9.5                | 12.7        | 36.7              |
| 1970                    | 100.0      | 61.2                           | 14.1                                       | 1.7  | 4.2                                     | 13.2                 | 6.4        | 9.9                | 11.7        | 38.8              |
| 1971                    | 100.0      | 60.8                           | 14.3                                       | 1.7  | 3.9                                     | 12.4                 | 6.7        | 10.8               | 11.0        | 39.2              |
| 1972                    | 100.0      | 58.5                           | 13.5                                       | 1.7  | 3.9                                     | 11.1                 | 6.9        | 10.8               | 10.6        | 41.5              |
| 1973                    | 100.0      | 57.4                           | 13.5                                       | 1.7  | 3.7                                     | 10.2                 | 7.3        | 11.1               | 10.0        | 42.6              |
| 1974                    | 100.0      | 56.6                           | 13.2                                       | 1.7  | 3.7                                     | 9.5                  | 7.9        | 11.2               | 9.6         | 43.4              |
| 1975                    | 100.0      | 57.0                           | 13.6                                       | 1.7  | 3.5                                     | 9.3                  | 8.3        | 11.5               | 9.1         | 43.0              |
| 1976                    | 100.0      | 56.1                           | 13.4                                       | 1.8  | 3.0                                     | 8.7                  | 8.8        | 11.8               | 8.6         | 43.9              |
| 1977                    | 100.0      | 56.8                           | 13.6                                       | 2.0  | 3.0                                     | 8.6                  | 9.4        | 11.8               | 8.3         | 43.2              |
| 1978                    | 100.0      | 57.2                           | 14.3                                       | 1.9  | 3.1                                     | 8.5                  | 9.9        | 11.7               | 7.9         | 42.8              |
| 1979                    | 100.0      | 57.2                           | 14.6                                       | 1.9  | 3.1                                     | 8.6                  | 9.9        | 11.2               | 8.0         | 42.8              |
| 1980                    | 100.0      | 57.3                           | 15.3                                       | 1.9  | 3.1                                     | 8.1                  | 10.0       | 10.9               | 8.0         | 42.7              |
| 1981                    | 100.0      | 58.2                           | 15.4                                       | 1.7  | 3.1                                     | 8.4                  | 10.7       | 10.9               | 8.1         | 41.8              |
| 1982                    | 100.0      | 58.7                           | 15.7                                       | 1.9  | 3.0                                     | 8.7                  | 10.2       | 10.7               | 8.5         | 41.3              |
| 1983                    | 100.0      | 59.6                           | 15.4                                       | 1.9  | 3.2                                     | 9.0                  | 10.7       | 10.6               | 8.9         | 40.4              |
| 1984                    | 100.0      | 59.8                           | 15.7                                       | 1.8  | 3.2                                     | 9.1                  | 10.4       | 10.4               | 9.3         | 40.2              |
| 1985                    | 100.0      | 60.5                           | 15.8                                       | 1.8  | 3.2                                     | 9.3                  | 10.0       | 10.3               | 10.1        | 39.5              |
| 1986                    | 100.0      | 60.9                           | 15.2                                       | 1.7  | 3.5                                     | 9.7                  | 9.8        | 10.4               | 10.6        | 39.1              |
| 1987                    | 100.0      | 61.5                           | 15.0                                       | 1.9  | 3.7                                     | 9.9                  | 9.8        | 9.8                | 11.5        | 38.5              |
| 1988                    | 100.0      | 62.5                           | 15.5                                       | 2.0  | 3.8                                     | 9.9                  | 9.2        | 9.7                | 12.5        | 37.5              |
| 1989                    | 100.0      | 63.3                           | 15.4                                       | 2.0  | 4.3                                     | 9.5                  | 9.3        | 9.7                | 13.2        | 36.7              |
| 1990                    | 100.0      | 63.4                           | 15.4                                       | 2.0  | 4.4                                     | 9.7                  | 9.1        | 9.2                | 13.6        | 36.6              |
| 1991                    | 100.0      | 64.0                           | 15.3                                       | 2.1  | 4.9                                     | 9.6                  | 8.7        | 9.5                | 13.9        | 36.0              |
| 1992                    | 100.0      | 63.4                           | 15.2                                       | 2.0  | 5.0                                     | 9.6                  | 8.4        | 9.3                | 14.0        | 36.6              |
| 1993                    | 100.0      | 63.9                           | 15.4                                       | 1.8  | 5.1                                     | 9.2                  | 8.6        | 9.5                | 14.3        | 36.1              |
| 1994                    | 100.0      | 63.9                           | 15.5                                       | 1.9  | 4.9                                     | 9.6                  | 8.2        | 9.5                | 14.2        | 36.1              |
| 1995                    | 100.0      | 63.6                           | 15.6                                       | 1.7  | 5.2                                     | 9.1                  | 8.2        | 9.3                | 14.4        | 36.4              |
| 1996                    | 100.0      | 64.2                           | 16.1                                       | 1.7  | 4.8                                     | 9.0                  | 8.2        | 9.4                | 14.9        | 35.8              |
| 1997                    | 100.0      | 64.0                           | 16.1                                       | 1.9  | 4.8                                     | 8.8                  | 8.4        | 9.7                | 14.4        | 36.0              |
| 1998                    | 100.0      | 64.0                           | 16.3                                       | 1.8  | 4.9                                     | 8.9                  | 8.6        | 9.5                | 13.9        | 36.0              |
| 1999                    | 100.0      | 63.1                           | 16.2                                       | 1.8  | 4.7                                     | 8.7                  | 8.9        | 9.9                | 13.0        | 36.9              |
| 2000                    | 100.0      | 62.8                           | 16.7                                       | 1.7  | 4.6                                     | 8.2                  | 8.7        | 10.0               | 12.9        | 37.2              |
| 2001                    | 100.0      | 62.7                           | 16.4                                       | 1.6  | 4.5                                     | 8.3                  | 8.3        | 10.0               | 13.5        | 37.3              |
| 2002                    | 100.0      | 61.5                           | 16.7                                       | 1.7  | 4.3                                     | 8.0                  | 8.0        | 10.0               | 12.7        | 38.5              |
| 2003                    | 100.0      | 62.0                           | 16.6                                       | 1.7  | 4.6                                     | 8.1                  | 8.0        | 10.2               | 13.0        | 38.0              |
| 2004                    | 100.0      | 62.4                           | 16.6                                       | 1.6  | 4.8                                     | 7.9                  | 7.9        | 9.8                | 13.7        | 37.6              |
| 2005                    | 100.0      | 64.5                           | 17.1                                       | 1.6  | 5.4                                     | 8.4                  | 7.7        | 9.5                | 14.8        | 35.5              |
| 2006                    | 100.0      | 65.5                           | 16.8                                       | 1.7  | 6.1                                     | 8.6                  | 7.2        | 9.4                | 15.8        | 34.5              |

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 21. Doctoral degrees awarded to men, by major field group: 1966–2006

| Academic<br>year ending | All fields | Total  | Science and engineering fields             |  |   |                      |            |                    |             | Non-S&E<br>fields |
|-------------------------|------------|--------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         |            |        | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering |                   |
| 1966                    | 15,863     | 10,646 | 2,386                                      | 392  | 722                                     | 2,535                | 894        | 1,424              | 2,293       | 5,217             |
| 1967                    | 17,961     | 12,013 | 2,565                                      | 409  | 782                                     | 2,930                | 1,030      | 1,699              | 2,598       | 5,948             |
| 1968                    | 20,005     | 13,328 | 3,028                                      | 423  | 924                                     | 3,064                | 1,131      | 1,906              | 2,852       | 6,677             |
| 1969                    | 22,355     | 14,781 | 3,277                                      | 476  | 1,014                                   | 3,242                | 1,350      | 2,156              | 3,266       | 7,574             |
| 1970                    | 25,527     | 16,404 | 3,627                                      | 483  | 1,148                                   | 3,666                | 1,446      | 2,604              | 3,430       | 9,123             |
| 1971                    | 27,271     | 17,385 | 3,897                                      | 523  | 1,142                                   | 3,718                | 1,615      | 2,992              | 3,498       | 9,886             |
| 1972                    | 27,754     | 17,191 | 3,802                                      | 555  | 1,185                                   | 3,404                | 1,670      | 3,088              | 3,487       | 10,563            |
| 1973                    | 27,670     | 16,853 | 3,764                                      | 547  | 1,113                                   | 3,209                | 1,741      | 3,151              | 3,328       | 10,817            |
| 1974                    | 26,594     | 16,043 | 3,571                                      | 534  | 1,096                                   | 2,902                | 1,797      | 3,016              | 3,127       | 10,551            |
| 1975                    | 25,751     | 15,870 | 3,622                                      | 526  | 1,038                                   | 2,812                | 1,878      | 3,035              | 2,959       | 9,881             |
| 1976                    | 25,262     | 15,375 | 3,559                                      | 528  | 890                                     | 2,617                | 1,937      | 3,061              | 2,783       | 9,887             |
| 1977                    | 23,858     | 14,775 | 3,470                                      | 583  | 837                                     | 2,477                | 1,902      | 2,932              | 2,574       | 9,083             |
| 1978                    | 22,553     | 14,199 | 3,449                                      | 522  | 828                                     | 2,364                | 1,928      | 2,736              | 2,372       | 8,354             |
| 1979                    | 22,301     | 14,128 | 3,516                                      | 538  | 833                                     | 2,382                | 1,831      | 2,596              | 2,432       | 8,173             |
| 1980                    | 21,612     | 13,814 | 3,599                                      | 530  | 846                                     | 2,199                | 1,787      | 2,464              | 2,389       | 7,798             |
| 1981                    | 21,463     | 14,056 | 3,607                                      | 484  | 822                                     | 2,318                | 1,885      | 2,511              | 2,429       | 7,407             |
| 1982                    | 21,015     | 13,923 | 3,594                                      | 512  | 824                                     | 2,337                | 1,720      | 2,414              | 2,522       | 7,092             |
| 1983                    | 20,748     | 13,920 | 3,429                                      | 501  | 838                                     | 2,430                | 1,750      | 2,315              | 2,657       | 6,828             |
| 1984                    | 20,636     | 13,954 | 3,565                                      | 472  | 841                                     | 2,446                | 1,625      | 2,244              | 2,761       | 6,682             |
| 1985                    | 20,552     | 14,043 | 3,530                                      | 470  | 859                                     | 2,452                | 1,576      | 2,188              | 2,968       | 6,509             |
| 1986                    | 20,592     | 14,268 | 3,378                                      | 462  | 959                                     | 2,585                | 1,527      | 2,207              | 3,150       | 6,324             |
| 1987                    | 20,934     | 14,580 | 3,307                                      | 491  | 999                                     | 2,686                | 1,474      | 2,153              | 3,470       | 6,354             |
| 1988                    | 21,677     | 15,267 | 3,477                                      | 541  | 1,087                                   | 2,759                | 1,392      | 2,111              | 3,900       | 6,410             |
| 1989                    | 21,812     | 15,623 | 3,481                                      | 542  | 1,208                                   | 2,627                | 1,408      | 2,189              | 4,168       | 6,189             |
| 1990                    | 22,960     | 16,498 | 3,680                                      | 581  | 1,329                                   | 2,840                | 1,368      | 2,221              | 4,479       | 6,462             |
| 1991                    | 23,521     | 16,982 | 3,743                                      | 626  | 1,514                                   | 2,919                | 1,249      | 2,229              | 4,702       | 6,539             |
| 1992                    | 24,232     | 17,420 | 3,816                                      | 585  | 1,588                                   | 2,960                | 1,327      | 2,284              | 4,860       | 6,812             |
| 1993                    | 24,384     | 17,568 | 3,800                                      | 566  | 1,602                                   | 2,866                | 1,322      | 2,315              | 5,097       | 6,816             |
| 1994                    | 25,057     | 18,163 | 3,939                                      | 622  | 1,641                                   | 3,104                | 1,273      | 2,435              | 5,149       | 6,894             |
| 1995                    | 25,160     | 18,117 | 3,989                                      | 577  | 1,727                                   | 2,922                | 1,245      | 2,387              | 5,270       | 7,043             |
| 1996                    | 25,285     | 18,454 | 4,100                                      | 565  | 1,656                                   | 2,960                | 1,162      | 2,523              | 5,488       | 6,831             |
| 1997                    | 24,939     | 18,080 | 4,044                                      | 608  | 1,594                                   | 2,879                | 1,162      | 2,478              | 5,315       | 6,859             |
| 1998                    | 24,628     | 17,809 | 4,075                                      | 563  | 1,638                                   | 2,865                | 1,205      | 2,353              | 5,110       | 6,819             |
| 1999                    | 23,436     | 16,734 | 3,919                                      | 535  | 1,495                                   | 2,722                | 1,209      | 2,350              | 4,504       | 6,702             |
| 2000                    | 23,163     | 16,519 | 3,943                                      | 495  | 1,507                                   | 2,546                | 1,203      | 2,366              | 4,459       | 6,644             |
| 2001                    | 22,775     | 16,186 | 3,766                                      | 461  | 1,407                                   | 2,531                | 1,127      | 2,323              | 4,571       | 6,589             |
| 2002                    | 21,805     | 15,387 | 3,829                                      | 478  | 1,291                                   | 2,334                | 1,065      | 2,217              | 4,173       | 6,418             |
| 2003                    | 22,257     | 15,762 | 3,777                                      | 470  | 1,419                                   | 2,398                | 1,044      | 2,286              | 4,368       | 6,495             |
| 2004                    | 22,963     | 16,418 | 3,830                                      | 448  | 1,520                                   | 2,472                | 1,081      | 2,311              | 4,756       | 6,545             |
| 2005                    | 23,738     | 17,407 | 3,912                                      | 470  | 1,783                                   | 2,671                | 1,060      | 2,286              | 5,225       | 6,331             |
| 2006                    | 24,986     | 18,341 | 3,981                                      | 488  | 2,075                                   | 2,824                | 932        | 2,317              | 5,724       | 6,645             |

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.



TABLE 22. Percentage distribution of doctoral degrees awarded to men, by major field group: 1966–2006

| Academic<br>year ending | Science and engineering fields |       |  |  |   |                      |            |                    |             |                   |
|-------------------------|--------------------------------|-------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         | All fields                     | Total | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering | Non-S&E<br>fields |
| 1966                    | 100.0                          | 67.1  | 15.0                                       | 2.5  | 4.6                                     | 16.0                 | 5.6        | 9.0                | 14.5        | 32.9              |
| 1967                    | 100.0                          | 66.9  | 14.3                                       | 2.3  | 4.4                                     | 16.3                 | 5.7        | 9.5                | 14.5        | 33.1              |
| 1968                    | 100.0                          | 66.6  | 15.1                                       | 2.1  | 4.6                                     | 15.3                 | 5.7        | 9.5                | 14.3        | 33.4              |
| 1969                    | 100.0                          | 66.1  | 14.7                                       | 2.1  | 4.5                                     | 14.5                 | 6.0        | 9.6                | 14.6        | 33.9              |
| 1970                    | 100.0                          | 64.3  | 14.2                                       | 1.9  | 4.5                                     | 14.4                 | 5.7        | 10.2               | 13.4        | 35.7              |
| 1971                    | 100.0                          | 63.7  | 14.3                                       | 1.9  | 4.2                                     | 13.6                 | 5.9        | 11.0               | 12.8        | 36.3              |
| 1972                    | 100.0                          | 61.9  | 13.7                                       | 2.0  | 4.3                                     | 12.3                 | 6.0        | 11.1               | 12.6        | 38.1              |
| 1973                    | 100.0                          | 60.9  | 13.6                                       | 2.0  | 4.0                                     | 11.6                 | 6.3        | 11.4               | 12.0        | 39.1              |
| 1974                    | 100.0                          | 60.3  | 13.4                                       | 2.0  | 4.1                                     | 10.9                 | 6.8        | 11.3               | 11.8        | 39.7              |
| 1975                    | 100.0                          | 61.6  | 14.1                                       | 2.0  | 4.0                                     | 10.9                 | 7.3        | 11.8               | 11.5        | 38.4              |
| 1976                    | 100.0                          | 60.9  | 14.1                                       | 2.1  | 3.5                                     | 10.4                 | 7.7        | 12.1               | 11.0        | 39.1              |
| 1977                    | 100.0                          | 61.9  | 14.5                                       | 2.4  | 3.5                                     | 10.4                 | 8.0        | 12.3               | 10.8        | 38.1              |
| 1978                    | 100.0                          | 63.0  | 15.3                                       | 2.3  | 3.7                                     | 10.5                 | 8.5        | 12.1               | 10.5        | 37.0              |
| 1979                    | 100.0                          | 63.4  | 15.8                                       | 2.4  | 3.7                                     | 10.7                 | 8.2        | 11.6               | 10.9        | 36.6              |
| 1980                    | 100.0                          | 63.9  | 16.7                                       | 2.5  | 3.9                                     | 10.2                 | 8.3        | 11.4               | 11.1        | 36.1              |
| 1981                    | 100.0                          | 65.5  | 16.8                                       | 2.3  | 3.8                                     | 10.8                 | 8.8        | 11.7               | 11.3        | 34.5              |
| 1982                    | 100.0                          | 66.3  | 17.1                                       | 2.4  | 3.9                                     | 11.1                 | 8.2        | 11.5               | 12.0        | 33.7              |
| 1983                    | 100.0                          | 67.1  | 16.5                                       | 2.4  | 4.0                                     | 11.7                 | 8.4        | 11.2               | 12.8        | 32.9              |
| 1984                    | 100.0                          | 67.6  | 17.3                                       | 2.3  | 4.1                                     | 11.9                 | 7.9        | 10.9               | 13.4        | 32.4              |
| 1985                    | 100.0                          | 68.3  | 17.2                                       | 2.3  | 4.2                                     | 11.9                 | 7.7        | 10.6               | 14.4        | 31.7              |
| 1986                    | 100.0                          | 69.3  | 16.4                                       | 2.2  | 4.7                                     | 12.6                 | 7.4        | 10.7               | 15.3        | 30.7              |
| 1987                    | 100.0                          | 69.6  | 15.8                                       | 2.3  | 4.8                                     | 12.8                 | 7.0        | 10.3               | 16.6        | 30.4              |
| 1988                    | 100.0                          | 70.4  | 16.0                                       | 2.5  | 5.0                                     | 12.7                 | 6.4        | 9.7                | 18.0        | 29.6              |
| 1989                    | 100.0                          | 71.6  | 16.0                                       | 2.5  | 5.5                                     | 12.0                 | 6.5        | 10.0               | 19.1        | 28.4              |
| 1990                    | 100.0                          | 71.9  | 16.0                                       | 2.5  | 5.8                                     | 12.4                 | 6.0        | 9.7                | 19.5        | 28.1              |
| 1991                    | 100.0                          | 72.2  | 15.9                                       | 2.7  | 6.4                                     | 12.4                 | 5.3        | 9.5                | 20.0        | 27.8              |
| 1992                    | 100.0                          | 71.9  | 15.7                                       | 2.4  | 6.6                                     | 12.2                 | 5.5        | 9.4                | 20.1        | 28.1              |
| 1993                    | 100.0                          | 72.0  | 15.6                                       | 2.3  | 6.6                                     | 11.8                 | 5.4        | 9.5                | 20.9        | 28.0              |
| 1994                    | 100.0                          | 72.5  | 15.7                                       | 2.5  | 6.5                                     | 12.4                 | 5.1        | 9.7                | 20.5        | 27.5              |
| 1995                    | 100.0                          | 72.0  | 15.9                                       | 2.3  | 6.9                                     | 11.6                 | 4.9        | 9.5                | 20.9        | 28.0              |
| 1996                    | 100.0                          | 73.0  | 16.2                                       | 2.2  | 6.5                                     | 11.7                 | 4.6        | 10.0               | 21.7        | 27.0              |
| 1997                    | 100.0                          | 72.5  | 16.2                                       | 2.4  | 6.4                                     | 11.5                 | 4.7        | 9.9                | 21.3        | 27.5              |
| 1998                    | 100.0                          | 72.3  | 16.5                                       | 2.3  | 6.7                                     | 11.6                 | 4.9        | 9.6                | 20.7        | 27.7              |
| 1999                    | 100.0                          | 71.4  | 16.7                                       | 2.3  | 6.4                                     | 11.6                 | 5.2        | 10.0               | 19.2        | 28.6              |
| 2000                    | 100.0                          | 71.3  | 17.0                                       | 2.1  | 6.5                                     | 11.0                 | 5.2        | 10.2               | 19.3        | 28.7              |
| 2001                    | 100.0                          | 71.1  | 16.5                                       | 2.0  | 6.2                                     | 11.1                 | 4.9        | 10.2               | 20.1        | 28.9              |
| 2002                    | 100.0                          | 70.6  | 17.6                                       | 2.2  | 5.9                                     | 10.7                 | 4.9        | 10.2               | 19.1        | 29.4              |
| 2003                    | 100.0                          | 70.8  | 17.0                                       | 2.1  | 6.4                                     | 10.8                 | 4.7        | 10.3               | 19.6        | 29.2              |
| 2004                    | 100.0                          | 71.5  | 16.7                                       | 2.0  | 6.6                                     | 10.8                 | 4.7        | 10.1               | 20.7        | 28.5              |
| 2005                    | 100.0                          | 73.3  | 16.5                                       | 2.0  | 7.5                                     | 11.3                 | 4.5        | 9.6                | 22.0        | 26.7              |
| 2006                    | 100.0                          | 73.4  | 15.9                                       | 2.0  | 8.3                                     | 11.3                 | 3.7        | 9.3                | 22.9        | 26.6              |

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 23. Doctoral degrees awarded to women, by major field group: 1966–2006

| Academic<br>year ending | Science and engineering fields |        |  |  |   |                      |            |                    |             | Non-S&E<br>fields |
|-------------------------|--------------------------------|--------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         | All fields                     | Total  | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering |                   |
| 1966                    | 2,086                          | 924    | 325  | 12   | 47                                      | 120                  | 245        | 167                | 8           | 1,162             |
| 1967                    | 2,442                          | 1,096  | 401  | 6  | 48                                      | 155                  | 265        | 212                | 9           | 1,346             |
| 1968                    | 2,932                          | 1,317  | 483  | 11   | 47                                      | 175                  | 333        | 256                | 12          | 1,615             |
| 1969                    | 3,388                          | 1,507  | 538  | 20   | 56                                      | 186                  | 416        | 281                | 10          | 1,881             |
| 1970                    | 3,971                          | 1,648  | 538  | 15   | 77                                      | 227                  | 444        | 331                | 16          | 2,323             |
| 1971                    | 4,596                          | 1,996  | 660  | 13   | 96                                      | 231                  | 530        | 450                | 16          | 2,600             |
| 1972                    | 5,287                          | 2,151  | 674  | 21   | 96                                      | 249                  | 609        | 480                | 22          | 3,136             |
| 1973                    | 6,085                          | 2,520  | 794  | 22   | 120                                     | 235                  | 717        | 586                | 46          | 3,565             |
| 1974                    | 6,453                          | 2,671  | 786  | 28   | 115                                     | 234                  | 801        | 673                | 34          | 3,782             |
| 1975                    | 7,201                          | 2,929  | 857  | 22   | 109                                     | 264                  | 873        | 752                | 52          | 4,272             |
| 1976                    | 7,684                          | 3,097  | 863  | 52   | 113                                     | 244                  | 946        | 824                | 55          | 4,587             |
| 1977                    | 7,858                          | 3,233  | 850  | 52   | 127                                     | 244                  | 1,088      | 798                | 74          | 4,625             |
| 1978                    | 8,322                          | 3,454  | 965  | 54   | 131                                     | 247                  | 1,127      | 877                | 53          | 4,868             |
| 1979                    | 8,937                          | 3,744  | 1,038                                      | 51   | 146                                     | 292                  | 1,260      | 895                | 62          | 5,193             |
| 1980                    | 9,407                          | 3,961  | 1,156                                      | 58   | 116                                     | 322                  | 1,311      | 908                | 90          | 5,446             |
| 1981                    | 9,892                          | 4,201  | 1,232                                      | 45   | 138                                     | 309                  | 1,473      | 905                | 99          | 5,691             |
| 1982                    | 10,093                         | 4,350  | 1,303                                      | 92   | 116                                     | 357                  | 1,438      | 920                | 124         | 5,743             |
| 1983                    | 10,532                         | 4,714  | 1,377                                      | 86   | 149                                     | 371                  | 1,596      | 1,011              | 124         | 5,818             |
| 1984                    | 10,698                         | 4,791  | 1,357                                      | 97   | 152                                     | 399                  | 1,630      | 1,005              | 151         | 5,907             |
| 1985                    | 10,743                         | 4,891  | 1,415                                      | 105  | 139                                     | 464                  | 1,541      | 1,029              | 198         | 5,852             |
| 1986                    | 11,305                         | 5,167  | 1,460                                      | 92   | 169                                     | 505                  | 1,599      | 1,117              | 225         | 6,138             |
| 1987                    | 11,431                         | 5,312  | 1,537                                      | 108  | 190                                     | 526                  | 1,698      | 1,011              | 242         | 6,119             |
| 1988                    | 11,819                         | 5,662  | 1,707                                      | 129  | 177                                     | 557                  | 1,681      | 1,125              | 286         | 6,157             |
| 1989                    | 12,513                         | 6,109  | 1,789                                      | 130  | 263                                     | 617                  | 1,800      | 1,135              | 375         | 6,404             |
| 1990                    | 13,104                         | 6,369  | 1,872                                      | 138  | 268                                     | 653                  | 1,913      | 1,110              | 415         | 6,735             |
| 1991                    | 13,873                         | 6,932  | 1,995                                      | 172  | 316                                     | 673                  | 1,996      | 1,313              | 467         | 6,941             |
| 1992                    | 14,435                         | 7,080  | 2,081                                      | 176  | 325                                     | 765                  | 1,928      | 1,299              | 506         | 7,355             |
| 1993                    | 15,121                         | 7,652  | 2,296                                      | 146  | 402                                     | 776                  | 2,088      | 1,422              | 522         | 7,469             |
| 1994                    | 15,822                         | 7,922  | 2,382                                      | 162  | 373                                     | 825                  | 2,101      | 1,444              | 635         | 7,900             |
| 1995                    | 16,416                         | 8,286  | 2,473                                      | 147  | 451                                     | 873                  | 2,181      | 1,465              | 696         | 8,130             |
| 1996                    | 16,955                         | 8,648  | 2,719                                      | 152  | 370                                     | 839                  | 2,329      | 1,462              | 777         | 8,307             |
| 1997                    | 17,243                         | 8,934  | 2,782                                      | 191  | 413                                     | 843                  | 2,363      | 1,592              | 750         | 8,309             |
| 1998                    | 17,848                         | 9,348  | 2,864                                      | 198  | 456                                     | 917                  | 2,456      | 1,684              | 773         | 8,500             |
| 1999                    | 17,484                         | 9,081  | 2,705                                      | 185  | 434                                     | 825                  | 2,449      | 1,695              | 788         | 8,403             |
| 2000                    | 18,129                         | 9,393  | 2,939                                      | 196  | 400                                     | 827                  | 2,410      | 1,783              | 838         | 8,736             |
| 2001                    | 17,885                         | 9,298  | 2,890                                      | 198  | 431                                     | 828                  | 2,268      | 1,753              | 930         | 8,587             |
| 2002                    | 18,135                         | 9,172  | 2,865                                      | 211  | 433                                     | 848                  | 2,137      | 1,786              | 892         | 8,963             |
| 2003                    | 18,500                         | 9,519  | 2,978                                      | 213  | 440                                     | 891                  | 2,232      | 1,853              | 912         | 8,981             |
| 2004                    | 19,158                         | 9,856  | 3,155                                      | 238  | 504                                     | 865                  | 2,246      | 1,827              | 1,021       | 9,302             |
| 2005                    | 19,579                         | 10,539 | 3,483                                      | 244  | 547                                     | 971                  | 2,262      | 1,851              | 1,181       | 9,040             |
| 2006                    | 20,539                         | 11,469 | 3,673                                      | 267  | 703                                     | 1,092                | 2,327      | 1,955              | 1,452       | 9,070             |

S&E = science and engineering.

NOTE: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 24. Percentage distribution of doctoral degrees awarded to women, by major field group: 1966–2006

| Academic year ending | All fields | Science and engineering fields |                                      |  |                                   |                   |            |                 |             | Non-S&E fields |
|----------------------|------------|--------------------------------|--------------------------------------|--|-----------------------------------|-------------------|------------|-----------------|-------------|----------------|
|                      |            | Total                          | Biological and agricultural sciences | Earth, atmospheric, and ocean sciences | Mathematics and computer sciences | Physical sciences | Psychology | Social sciences | Engineering |                |
| 1966                 | 100.0      | 44.3                           | 15.6                                 | 0.6                                    | 2.3                               | 5.8               | 11.7       | 8.0             | 0.4         | 55.7           |
| 1967                 | 100.0      | 44.9                           | 16.4                                 | 0.2                                    | 2.0                               | 6.3               | 10.9       | 8.7             | 0.4         | 55.1           |
| 1968                 | 100.0      | 44.9                           | 16.5                                 | 0.4                                    | 1.6                               | 6.0               | 11.4       | 8.7             | 0.4         | 55.1           |
| 1969                 | 100.0      | 44.5                           | 15.9                                 | 0.6                                    | 1.7                               | 5.5               | 12.3       | 8.3             | 0.3         | 55.5           |
| 1970                 | 100.0      | 41.5                           | 13.5                                 | 0.4                                    | 1.9                               | 5.7               | 11.2       | 8.3             | 0.4         | 58.5           |
| 1971                 | 100.0      | 43.4                           | 14.4                                 | 0.3                                    | 2.1                               | 5.0               | 11.5       | 9.8             | 0.3         | 56.6           |
| 1972                 | 100.0      | 40.7                           | 12.7                                 | 0.4                                    | 1.8                               | 4.7               | 11.5       | 9.1             | 0.4         | 59.3           |
| 1973                 | 100.0      | 41.4                           | 13.0                                 | 0.4                                    | 2.0                               | 3.9               | 11.8       | 9.6             | 0.8         | 58.6           |
| 1974                 | 100.0      | 41.4                           | 12.2                                 | 0.4                                    | 1.8                               | 3.6               | 12.4       | 10.4            | 0.5         | 58.6           |
| 1975                 | 100.0      | 40.7                           | 11.9                                 | 0.3                                    | 1.5                               | 3.7               | 12.1       | 10.4            | 0.7         | 59.3           |
| 1976                 | 100.0      | 40.3                           | 11.2                                 | 0.7                                    | 1.5                               | 3.2               | 12.3       | 10.7            | 0.7         | 59.7           |
| 1977                 | 100.0      | 41.1                           | 10.8                                 | 0.7                                    | 1.6                               | 3.1               | 13.8       | 10.2            | 0.9         | 58.9           |
| 1978                 | 100.0      | 41.5                           | 11.6                                 | 0.6                                    | 1.6                               | 3.0               | 13.5       | 10.5            | 0.6         | 58.5           |
| 1979                 | 100.0      | 41.9                           | 11.6                                 | 0.6                                    | 1.6                               | 3.3               | 14.1       | 10.0            | 0.7         | 58.1           |
| 1980                 | 100.0      | 42.1                           | 12.3                                 | 0.6                                    | 1.2                               | 3.4               | 13.9       | 9.7             | 1.0         | 57.9           |
| 1981                 | 100.0      | 42.5                           | 12.5                                 | 0.5                                    | 1.4                               | 3.1               | 14.9       | 9.1             | 1.0         | 57.5           |
| 1982                 | 100.0      | 43.1                           | 12.9                                 | 0.9                                    | 1.1                               | 3.5               | 14.2       | 9.1             | 1.2         | 56.9           |
| 1983                 | 100.0      | 44.8                           | 13.1                                 | 0.8                                    | 1.4                               | 3.5               | 15.2       | 9.6             | 1.2         | 55.2           |
| 1984                 | 100.0      | 44.8                           | 12.7                                 | 0.9                                    | 1.4                               | 3.7               | 15.2       | 9.4             | 1.4         | 55.2           |
| 1985                 | 100.0      | 45.5                           | 13.2                                 | 1.0                                    | 1.3                               | 4.3               | 14.3       | 9.6             | 1.8         | 54.5           |
| 1986                 | 100.0      | 45.7                           | 12.9                                 | 0.8                                    | 1.5                               | 4.5               | 14.1       | 9.9             | 2.0         | 54.3           |
| 1987                 | 100.0      | 46.5                           | 13.4                                 | 0.9                                    | 1.7                               | 4.6               | 14.9       | 8.8             | 2.1         | 53.5           |
| 1988                 | 100.0      | 47.9                           | 14.4                                 | 1.1                                    | 1.5                               | 4.7               | 14.2       | 9.5             | 2.4         | 52.1           |
| 1989                 | 100.0      | 48.8                           | 14.3                                 | 1.0                                    | 2.1                               | 4.9               | 14.4       | 9.1             | 3.0         | 51.2           |
| 1990                 | 100.0      | 48.6                           | 14.3                                 | 1.1                                    | 2.0                               | 5.0               | 14.6       | 8.5             | 3.2         | 51.4           |
| 1991                 | 100.0      | 50.0                           | 14.4                                 | 1.2                                    | 2.3                               | 4.9               | 14.4       | 9.5             | 3.4         | 50.0           |
| 1992                 | 100.0      | 49.0                           | 14.4                                 | 1.2                                    | 2.3                               | 5.3               | 13.4       | 9.0             | 3.5         | 51.0           |
| 1993                 | 100.0      | 50.6                           | 15.2                                 | 1.0                                    | 2.7                               | 5.1               | 13.8       | 9.4             | 3.5         | 49.4           |
| 1994                 | 100.0      | 50.1                           | 15.1                                 | 1.0                                    | 2.4                               | 5.2               | 13.3       | 9.1             | 4.0         | 49.9           |
| 1995                 | 100.0      | 50.5                           | 15.1                                 | 0.9                                    | 2.7                               | 5.3               | 13.3       | 8.9             | 4.2         | 49.5           |
| 1996                 | 100.0      | 51.0                           | 16.0                                 | 0.9                                    | 2.2                               | 4.9               | 13.7       | 8.6             | 4.6         | 49.0           |
| 1997                 | 100.0      | 51.8                           | 16.1                                 | 1.1                                    | 2.4                               | 4.9               | 13.7       | 9.2             | 4.3         | 48.2           |
| 1998                 | 100.0      | 52.4                           | 16.0                                 | 1.1                                    | 2.6                               | 5.1               | 13.8       | 9.4             | 4.3         | 47.6           |
| 1999                 | 100.0      | 51.9                           | 15.5                                 | 1.1                                    | 2.5                               | 4.7               | 14.0       | 9.7             | 4.5         | 48.1           |
| 2000                 | 100.0      | 51.8                           | 16.2                                 | 1.1                                    | 2.2                               | 4.6               | 13.3       | 9.8             | 4.6         | 48.2           |
| 2001                 | 100.0      | 52.0                           | 16.2                                 | 1.1                                    | 2.4                               | 4.6               | 12.7       | 9.8             | 5.2         | 48.0           |
| 2002                 | 100.0      | 50.6                           | 15.8                                 | 1.2                                    | 2.4                               | 4.7               | 11.8       | 9.8             | 4.9         | 49.4           |
| 2003                 | 100.0      | 51.5                           | 16.1                                 | 1.2                                    | 2.4                               | 4.8               | 12.1       | 10.0            | 4.9         | 48.5           |
| 2004                 | 100.0      | 51.4                           | 16.5                                 | 1.2                                    | 2.6                               | 4.5               | 11.7       | 9.5             | 5.3         | 48.6           |
| 2005                 | 100.0      | 53.8                           | 17.8                                 | 1.2                                    | 2.8                               | 5.0               | 11.6       | 9.5             | 6.0         | 46.2           |
| 2006                 | 100.0      | 55.8                           | 17.9                                 | 1.3                                    | 3.4                               | 5.3               | 11.3       | 9.5             | 7.1         | 44.2           |

S&E = science and engineering.

NOTES: Detail may not sum to total due to rounding. See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 25. Women as a percentage of all doctoral degree recipients, by major field group: 1966–2006

| Academic<br>year ending | Science and engineering fields |       |  |  |   |                      |            |                    |             |                   |
|-------------------------|--------------------------------|-------|--|--|---|----------------------|------------|--------------------|-------------|-------------------|
|                         | All fields                     | Total | Biological and<br>agricultural<br>sciences | Earth,<br>atmospheric, and<br>ocean sciences | Mathematics<br>and computer<br>sciences | Physical<br>sciences | Psychology | Social<br>sciences | Engineering | Non-S&E<br>fields |
| 1966                    | 11.6                           | 8.0   | 12.0                                       | 3.0  | 6.1                                     | 4.5                  | 21.5       | 10.5               | 0.3         | 18.2              |
| 1967                    | 12.0                           | 8.4   | 13.5                                       | 1.4  | 5.8                                     | 5.0                  | 20.5       | 11.1               | 0.3         | 18.5              |
| 1968                    | 12.8                           | 9.0   | 13.8                                       | 2.5  | 4.8                                     | 5.4                  | 22.7       | 11.8               | 0.4         | 19.5              |
| 1969                    | 13.2                           | 9.3   | 14.1                                       | 4.0  | 5.2                                     | 5.4                  | 23.6       | 11.5               | 0.3         | 19.9              |
| 1970                    | 13.5                           | 9.1   | 12.9                                       | 3.0  | 6.3                                     | 5.8                  | 23.5       | 11.3               | 0.5         | 20.3              |
| 1971                    | 14.4                           | 10.3  | 14.5                                       | 2.4  | 7.8                                     | 5.8                  | 24.7       | 13.1               | 0.5         | 20.8              |
| 1972                    | 16.0                           | 11.1  | 15.1                                       | 3.6  | 7.5                                     | 6.8                  | 26.7       | 13.5               | 0.6         | 22.9              |
| 1973                    | 18.0                           | 13.0  | 17.4                                       | 3.9  | 9.7                                     | 6.8                  | 29.2       | 15.7               | 1.4         | 24.8              |
| 1974                    | 19.5                           | 14.3  | 18.0                                       | 5.0  | 9.5                                     | 7.5                  | 30.8       | 18.2               | 1.1         | 26.4              |
| 1975                    | 21.9                           | 15.6  | 19.1                                       | 4.0  | 9.5                                     | 8.6                  | 31.7       | 19.9               | 1.7         | 30.2              |
| 1976                    | 23.3                           | 16.8  | 19.5                                       | 9.0  | 11.3                                    | 8.5                  | 32.8       | 21.2               | 1.9         | 31.7              |
| 1977                    | 24.8                           | 18.0  | 19.7                                       | 8.2  | 13.2                                    | 9.0                  | 36.4       | 21.4               | 2.8         | 33.7              |
| 1978                    | 27.0                           | 19.6  | 21.9                                       | 9.4  | 13.7                                    | 9.5                  | 36.9       | 24.3               | 2.2         | 36.8              |
| 1979                    | 28.6                           | 20.9  | 22.8                                       | 8.7  | 14.9                                    | 10.9                 | 40.8       | 25.6               | 2.5         | 38.9              |
| 1980                    | 30.3                           | 22.3  | 24.3                                       | 9.9  | 12.1                                    | 12.8                 | 42.3       | 26.9               | 3.6         | 41.1              |
| 1981                    | 31.5                           | 23.0  | 25.5                                       | 8.5  | 14.4                                    | 11.8                 | 43.9       | 26.5               | 3.9         | 43.4              |
| 1982                    | 32.4                           | 23.8  | 26.6                                       | 15.2   | 12.3                                    | 13.3                 | 45.5       | 27.6               | 4.7         | 44.7              |
| 1983                    | 33.7                           | 25.3  | 28.7                                       | 14.7   | 15.1                                    | 13.2                 | 47.7       | 30.4               | 4.5         | 46.0              |
| 1984                    | 34.1                           | 25.6  | 27.6                                       | 17.0   | 15.3                                    | 14.0                 | 50.1       | 30.9               | 5.2         | 46.9              |
| 1985                    | 34.3                           | 25.8  | 28.6                                       | 18.3   | 13.9                                    | 15.9                 | 49.4       | 32.0               | 6.3         | 47.3              |
| 1986                    | 35.4                           | 26.6  | 30.2                                       | 16.6   | 15.0                                    | 16.3                 | 51.2       | 33.6               | 6.7         | 49.3              |
| 1987                    | 35.3                           | 26.7  | 31.7                                       | 18.0   | 16.0                                    | 16.4                 | 53.5       | 32.0               | 6.5         | 49.1              |
| 1988                    | 35.3                           | 27.1  | 32.9                                       | 19.3   | 14.0                                    | 16.8                 | 54.7       | 34.8               | 6.8         | 49.0              |
| 1989                    | 36.5                           | 28.1  | 33.9                                       | 19.3   | 17.9                                    | 19.0                 | 56.1       | 34.1               | 8.3         | 50.9              |
| 1990                    | 36.3                           | 27.9  | 33.7                                       | 19.2   | 16.8                                    | 18.7                 | 58.3       | 33.3               | 8.5         | 51.0              |
| 1991                    | 37.0                           | 28.9  | 34.7                                       | 21.5   | 17.2                                    | 18.7                 | 61.4       | 36.9               | 9.0         | 51.4              |
| 1992                    | 37.1                           | 28.7  | 35.2                                       | 22.9   | 16.9                                    | 20.4                 | 59.1       | 36.0               | 9.3         | 51.7              |
| 1993                    | 38.0                           | 30.1  | 37.5                                       | 20.2   | 19.8                                    | 21.1                 | 61.1       | 37.7               | 9.2         | 52.0              |
| 1994                    | 38.6                           | 30.2  | 37.6                                       | 20.5   | 18.5                                    | 20.9                 | 62.2       | 37.0               | 10.9        | 53.3              |
| 1995                    | 39.3                           | 31.2  | 38.1                                       | 20.2   | 20.6                                    | 22.9                 | 63.6       | 37.8               | 11.6        | 53.4              |
| 1996                    | 40.0                           | 31.7  | 39.7                                       | 21.0   | 18.1                                    | 21.9                 | 66.7       | 36.5               | 12.3        | 54.7              |
| 1997                    | 40.5                           | 32.8  | 40.5                                       | 23.8   | 20.3                                    | 22.5                 | 66.4       | 38.7               | 12.3        | 54.3              |
| 1998                    | 41.9                           | 34.3  | 41.2                                       | 25.9   | 21.7                                    | 24.1                 | 66.9       | 41.5               | 13.1        | 55.3              |
| 1999                    | 42.5                           | 35.0  | 40.7                                       | 25.6   | 22.4                                    | 23.2                 | 66.8       | 41.7               | 14.8        | 55.4              |
| 2000                    | 43.8                           | 36.2  | 42.7                                       | 28.2   | 20.9                                    | 24.5                 | 66.6       | 42.9               | 15.7        | 56.7              |
| 2001                    | 43.9                           | 36.4  | 43.3                                       | 30.0   | 23.4                                    | 24.6                 | 66.7       | 42.9               | 16.9        | 56.5              |
| 2002                    | 45.3                           | 37.3  | 42.7                                       | 30.6   | 25.0                                    | 26.6                 | 66.6       | 44.5               | 17.6        | 58.1              |
| 2003                    | 45.4                           | 37.7  | 44.1                                       | 31.2   | 23.7                                    | 27.1                 | 68.1       | 44.8               | 17.3        | 58.0              |
| 2004                    | 45.5                           | 37.5  | 45.2                                       | 34.7   | 24.9                                    | 25.9                 | 67.5       | 44.2               | 17.7        | 58.7              |
| 2005                    | 45.1                           | 37.7  | 47.0                                       | 34.2   | 23.4                                    | 26.6                 | 68.1       | 44.7               | 18.4        | 58.7              |
| 2006                    | 45.0                           | 38.4  | 47.9                                       | 35.3   | 25.3                                    | 27.8                 | 71.3       | 45.7               | 20.2        | 57.6              |

S&amp;E = science and engineering.

NOTES: See appendix B for specific fields that are included in each category.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.

TABLE 26. Biological and agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|--------|--------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 29,804     | 22,339 | 7,465  | 5,865    | 4,646 | 1,219 | 2,711     | 2,386 | 325   |
| 1967                    | 32,489     | 24,541 | 7,948  | 6,712    | 5,359 | 1,353 | 2,966     | 2,565 | 401   |
| 1968                    | 36,141     | 27,175 | 8,966  | 7,309    | 5,678 | 1,631 | 3,511     | 3,028 | 483   |
| 1969                    | 41,280     | 31,190 | 10,090 | 7,799    | 6,033 | 1,766 | 3,815     | 3,277 | 538   |
| 1970                    | 44,447     | 33,747 | 10,700 | 7,619    | 5,655 | 1,964 | 4,165     | 3,627 | 538   |
| 1971                    | 45,728     | 34,712 | 11,016 | 7,604    | 5,546 | 2,058 | 4,557     | 3,897 | 660   |
| 1972                    | 48,291     | 36,514 | 11,777 | 8,200    | 6,014 | 2,186 | 4,476     | 3,802 | 674   |
| 1973                    | 54,687     | 40,908 | 13,779 | 8,514    | 6,406 | 2,108 | 4,558     | 3,764 | 794   |
| 1974                    | 61,906     | 45,174 | 16,732 | 8,866    | 6,633 | 2,233 | 4,357     | 3,571 | 786   |
| 1975                    | 66,321     | 46,937 | 19,384 | 9,030    | 6,755 | 2,275 | 4,479     | 3,622 | 857   |
| 1976                    | 70,004     | 48,168 | 21,836 | 9,223    | 6,752 | 2,471 | 4,422     | 3,559 | 863   |
| 1977                    | 70,589     | 47,339 | 23,250 | 10,060   | 7,219 | 2,841 | 4,320     | 3,470 | 850   |
| 1978                    | 69,215     | 44,852 | 24,363 | 10,001   | 6,981 | 3,020 | 4,414     | 3,449 | 965   |
| 1979                    | 66,781     | 41,994 | 24,787 | 10,016   | 6,785 | 3,231 | 4,554     | 3,516 | 1,038 |
| 1980                    | 63,942     | 38,931 | 25,011 | 9,631    | 6,502 | 3,129 | 4,755     | 3,599 | 1,156 |
| 1981                    | 59,922     | 35,265 | 24,657 | 9,107    | 6,061 | 3,046 | 4,839     | 3,607 | 1,232 |
| 1982                    | 57,535     | 33,222 | 24,313 | 9,199    | 5,896 | 3,303 | 4,897     | 3,594 | 1,303 |
| 1983                    | 55,411     | 31,132 | 24,279 | 9,136    | 5,703 | 3,433 | 4,806     | 3,429 | 1,377 |
| 1984                    | 52,351     | 29,108 | 23,243 | 8,702    | 5,303 | 3,399 | 4,922     | 3,565 | 1,357 |
| 1985                    | 51,312     | 28,172 | 23,140 | 8,208    | 4,881 | 3,327 | 4,945     | 3,530 | 1,415 |
| 1986                    | 50,441     | 27,488 | 22,953 | 8,023    | 4,679 | 3,344 | 4,838     | 3,378 | 1,460 |
| 1987                    | 48,571     | 26,168 | 22,403 | 7,775    | 4,437 | 3,338 | 4,844     | 3,307 | 1,537 |
| 1988                    | 46,925     | 24,550 | 22,375 | 7,556    | 4,312 | 3,244 | 5,184     | 3,477 | 1,707 |
| 1989                    | 45,531     | 23,852 | 21,679 | 7,523    | 4,210 | 3,313 | 5,270     | 3,481 | 1,789 |
| 1990                    | 46,451     | 24,050 | 22,401 | 7,527    | 4,080 | 3,447 | 5,552     | 3,680 | 1,872 |
| 1991                    | 48,783     | 25,007 | 23,776 | 7,406    | 3,975 | 3,431 | 5,757     | 3,743 | 1,995 |
| 1992                    | 54,193     | 27,473 | 26,720 | 7,885    | 4,227 | 3,658 | 5,919     | 3,816 | 2,081 |
| 1993                    | 59,621     | 30,439 | 29,182 | 8,112    | 4,381 | 3,731 | 6,128     | 3,800 | 2,296 |
| 1994                    | 65,268     | 33,347 | 31,921 | 8,686    | 4,515 | 4,171 | 6,341     | 3,939 | 2,382 |
| 1995                    | 71,470     | 35,915 | 35,555 | 9,069    | 4,740 | 4,329 | 6,493     | 3,989 | 2,473 |
| 1996                    | 78,469     | 39,100 | 39,369 | 10,307   | 5,259 | 5,048 | 6,842     | 4,100 | 2,719 |
| 1997                    | 82,500     | 39,967 | 42,533 | 10,521   | 5,308 | 5,213 | 6,866     | 4,044 | 2,782 |
| 1998                    | 85,079     | 40,235 | 44,844 | 10,230   | 5,167 | 5,063 | 6,955     | 4,075 | 2,864 |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA    | 6,646     | 3,919 | 2,705 |
| 2000                    | 83,148     | 36,726 | 46,422 | 10,183   | 4,854 | 5,329 | 6,890     | 3,943 | 2,939 |
| 2001                    | 79,556     | 33,981 | 45,575 | 10,239   | 4,647 | 5,592 | 6,672     | 3,766 | 2,890 |
| 2002                    | 79,128     | 32,799 | 46,329 | 10,353   | 4,687 | 5,666 | 6,703     | 3,829 | 2,865 |
| 2003                    | 81,275     | 32,783 | 48,492 | 10,832   | 4,755 | 6,077 | 6,755     | 3,777 | 2,978 |
| 2004                    | 81,803     | 32,649 | 49,154 | 11,868   | 5,125 | 6,743 | 6,985     | 3,830 | 3,155 |
| 2005                    | 85,093     | 34,079 | 51,014 | 12,270   | 5,180 | 7,090 | 7,406     | 3,912 | 3,483 |
| 2006                    | 90,238     | 36,299 | 53,939 | 12,762   | 5,539 | 7,223 | 7,664     | 3,981 | 3,673 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 27. Agricultural sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 6,327      | 6,196  | 131   | 1,641    | 1,569 | 72    | 576       | 568 | 8     |
| 1967                    | 7,013      | 6,855  | 158   | 1,724    | 1,652 | 72    | 606       | 594 | 12    |
| 1968                    | 7,431      | 7,182  | 249   | 1,792    | 1,715 | 77    | 684       | 677 | 7     |
| 1969                    | 8,892      | 8,527  | 365   | 2,034    | 1,937 | 97    | 723       | 711 | 12    |
| 1970                    | 10,144     | 9,686  | 458   | 1,784    | 1,664 | 120   | 804       | 781 | 23    |
| 1971                    | 9,695      | 9,250  | 445   | 1,848    | 1,733 | 115   | 903       | 874 | 29    |
| 1972                    | 10,653     | 10,023 | 630   | 2,074    | 1,915 | 159   | 876       | 845 | 31    |
| 1973                    | 12,015     | 11,060 | 955   | 2,220    | 2,036 | 184   | 910       | 874 | 36    |
| 1974                    | 13,050     | 11,696 | 1,354 | 2,285    | 2,066 | 219   | 873       | 826 | 47    |
| 1975                    | 14,085     | 12,117 | 1,968 | 2,439    | 2,140 | 299   | 982       | 931 | 51    |
| 1976                    | 15,091     | 12,374 | 2,717 | 2,602    | 2,234 | 368   | 849       | 789 | 60    |
| 1977                    | 16,396     | 12,865 | 3,531 | 2,906    | 2,481 | 425   | 836       | 773 | 63    |
| 1978                    | 17,002     | 12,862 | 4,140 | 3,150    | 2,560 | 590   | 898       | 826 | 72    |
| 1979                    | 17,205     | 12,523 | 4,682 | 3,137    | 2,498 | 639   | 908       | 821 | 87    |
| 1980                    | 16,831     | 11,796 | 5,035 | 3,095    | 2,391 | 704   | 952       | 849 | 103   |
| 1981                    | 15,876     | 10,805 | 5,071 | 3,092    | 2,386 | 706   | 1,036     | 891 | 145   |
| 1982                    | 15,108     | 10,158 | 4,950 | 3,268    | 2,446 | 822   | 1,004     | 842 | 162   |
| 1983                    | 14,528     | 9,206  | 5,322 | 3,395    | 2,467 | 928   | 1,065     | 921 | 144   |
| 1984                    | 12,712     | 8,160  | 4,552 | 3,262    | 2,293 | 969   | 1,042     | 900 | 142   |
| 1985                    | 11,907     | 7,737  | 4,170 | 3,113    | 2,215 | 898   | 1,152     | 975 | 177   |
| 1986                    | 10,932     | 7,092  | 3,840 | 2,975    | 2,050 | 925   | 1,031     | 851 | 180   |
| 1987                    | 9,524      | 6,129  | 3,395 | 2,776    | 1,882 | 894   | 1,005     | 828 | 177   |
| 1988                    | 9,237      | 5,942  | 3,295 | 2,746    | 1,873 | 873   | 1,073     | 871 | 202   |
| 1989                    | 8,582      | 5,557  | 3,025 | 2,570    | 1,719 | 851   | 1,154     | 907 | 247   |
| 1990                    | 8,411      | 5,419  | 2,992 | 2,634    | 1,687 | 947   | 1,224     | 967 | 257   |
| 1991                    | 8,432      | 5,292  | 3,140 | 2,600    | 1,660 | 940   | 1,108     | 880 | 222   |
| 1992                    | 10,301     | 6,352  | 3,949 | 3,037    | 1,909 | 1,128 | 1,120     | 864 | 250   |
| 1993                    | 11,632     | 7,294  | 4,338 | 3,272    | 2,007 | 1,265 | 1,036     | 786 | 246   |
| 1994                    | 12,947     | 8,006  | 4,941 | 3,410    | 2,019 | 1,391 | 1,139     | 864 | 273   |
| 1995                    | 14,580     | 8,943  | 5,637 | 3,574    | 2,103 | 1,471 | 1,117     | 857 | 256   |
| 1996                    | 16,388     | 9,884  | 6,504 | 4,021    | 2,314 | 1,707 | 1,118     | 813 | 304   |
| 1997                    | 17,361     | 10,094 | 7,267 | 3,927    | 2,232 | 1,695 | 1,078     | 783 | 287   |
| 1998                    | 17,967     | 10,224 | 7,743 | 3,862    | 2,153 | 1,709 | 1,109     | 780 | 328   |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 1,065     | 749 | 311   |
| 2000                    | 18,244     | 9,780  | 8,464 | 3,858    | 2,039 | 1,819 | 1,037     | 718 | 317   |
| 2001                    | 17,467     | 8,976  | 8,491 | 3,752    | 1,915 | 1,837 | 975       | 629 | 339   |
| 2002                    | 17,360     | 8,726  | 8,634 | 4,019    | 2,022 | 1,997 | 1,009     | 683 | 319   |
| 2003                    | 17,693     | 8,734  | 8,959 | 3,955    | 1,896 | 2,059 | 1,060     | 686 | 374   |
| 2004                    | 17,041     | 8,327  | 8,714 | 4,221    | 1,965 | 2,256 | 1,045     | 646 | 399   |
| 2005                    | 17,111     | 8,380  | 8,731 | 4,171    | 1,951 | 2,220 | 1,038     | 659 | 376   |
| 2006                    | 17,300     | 8,393  | 8,907 | 4,089    | 1,941 | 2,148 | 1,033     | 622 | 411   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 28. Biological sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|--------|--------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 23,477     | 16,143 | 7,334  | 4,224    | 3,077 | 1,147 | 2,135     | 1,818 | 317   |
| 1967                    | 25,476     | 17,686 | 7,790  | 4,988    | 3,707 | 1,281 | 2,360     | 1,971 | 389   |
| 1968                    | 28,710     | 19,993 | 8,717  | 5,517    | 3,963 | 1,554 | 2,827     | 2,351 | 476   |
| 1969                    | 32,388     | 22,663 | 9,725  | 5,765    | 4,096 | 1,669 | 3,092     | 2,566 | 526   |
| 1970                    | 34,303     | 24,061 | 10,242 | 5,835    | 3,991 | 1,844 | 3,361     | 2,846 | 515   |
| 1971                    | 36,033     | 25,462 | 10,571 | 5,756    | 3,813 | 1,943 | 3,654     | 3,023 | 631   |
| 1972                    | 37,638     | 26,491 | 11,147 | 6,126    | 4,099 | 2,027 | 3,600     | 2,957 | 643   |
| 1973                    | 42,672     | 29,848 | 12,824 | 6,294    | 4,370 | 1,924 | 3,648     | 2,890 | 758   |
| 1974                    | 48,856     | 33,478 | 15,378 | 6,581    | 4,567 | 2,014 | 3,484     | 2,745 | 739   |
| 1975                    | 52,236     | 34,820 | 17,416 | 6,591    | 4,615 | 1,976 | 3,497     | 2,691 | 806   |
| 1976                    | 54,913     | 35,794 | 19,119 | 6,621    | 4,518 | 2,103 | 3,573     | 2,770 | 803   |
| 1977                    | 54,193     | 34,474 | 19,719 | 7,154    | 4,738 | 2,416 | 3,484     | 2,697 | 787   |
| 1978                    | 52,213     | 31,990 | 20,223 | 6,851    | 4,421 | 2,430 | 3,516     | 2,623 | 893   |
| 1979                    | 49,576     | 29,471 | 20,105 | 6,879    | 4,287 | 2,592 | 3,646     | 2,695 | 951   |
| 1980                    | 47,111     | 27,135 | 19,976 | 6,536    | 4,111 | 2,425 | 3,803     | 2,750 | 1,053 |
| 1981                    | 44,046     | 24,460 | 19,586 | 6,015    | 3,675 | 2,340 | 3,803     | 2,716 | 1,087 |
| 1982                    | 42,427     | 23,064 | 19,363 | 5,931    | 3,450 | 2,481 | 3,893     | 2,752 | 1,141 |
| 1983                    | 40,883     | 21,926 | 18,957 | 5,741    | 3,236 | 2,505 | 3,741     | 2,508 | 1,233 |
| 1984                    | 39,639     | 20,948 | 18,691 | 5,440    | 3,010 | 2,430 | 3,880     | 2,665 | 1,215 |
| 1985                    | 39,405     | 20,435 | 18,970 | 5,095    | 2,666 | 2,429 | 3,793     | 2,555 | 1,238 |
| 1986                    | 39,509     | 20,396 | 19,113 | 5,048    | 2,629 | 2,419 | 3,807     | 2,527 | 1,280 |
| 1987                    | 39,047     | 20,039 | 19,008 | 4,999    | 2,555 | 2,444 | 3,839     | 2,479 | 1,360 |
| 1988                    | 37,688     | 18,608 | 19,080 | 4,810    | 2,439 | 2,371 | 4,111     | 2,606 | 1,505 |
| 1989                    | 36,949     | 18,295 | 18,654 | 4,953    | 2,491 | 2,462 | 4,116     | 2,574 | 1,542 |
| 1990                    | 38,040     | 18,631 | 19,409 | 4,893    | 2,393 | 2,500 | 4,328     | 2,713 | 1,615 |
| 1991                    | 40,351     | 19,715 | 20,636 | 4,806    | 2,315 | 2,491 | 4,649     | 2,863 | 1,773 |
| 1992                    | 43,892     | 21,121 | 22,771 | 4,848    | 2,318 | 2,530 | 4,799     | 2,952 | 1,831 |
| 1993                    | 47,989     | 23,145 | 24,844 | 4,840    | 2,374 | 2,466 | 5,092     | 3,014 | 2,050 |
| 1994                    | 52,321     | 25,341 | 26,980 | 5,276    | 2,496 | 2,780 | 5,202     | 3,075 | 2,109 |
| 1995                    | 56,890     | 26,972 | 29,918 | 5,495    | 2,637 | 2,858 | 5,376     | 3,132 | 2,217 |
| 1996                    | 62,081     | 29,216 | 32,865 | 6,286    | 2,945 | 3,341 | 5,724     | 3,287 | 2,415 |
| 1997                    | 65,139     | 29,873 | 35,266 | 6,594    | 3,076 | 3,518 | 5,788     | 3,261 | 2,495 |
| 1998                    | 67,112     | 30,011 | 37,101 | 6,368    | 3,014 | 3,354 | 5,846     | 3,295 | 2,536 |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA    | 5,581     | 3,170 | 2,394 |
| 2000                    | 64,904     | 26,946 | 37,958 | 6,325    | 2,815 | 3,510 | 5,853     | 3,225 | 2,622 |
| 2001                    | 62,089     | 25,005 | 37,084 | 6,487    | 2,732 | 3,755 | 5,697     | 3,137 | 2,551 |
| 2002                    | 61,768     | 24,073 | 37,695 | 6,334    | 2,665 | 3,669 | 5,694     | 3,146 | 2,546 |
| 2003                    | 63,582     | 24,049 | 39,533 | 6,877    | 2,859 | 4,018 | 5,695     | 3,091 | 2,604 |
| 2004                    | 64,762     | 24,322 | 40,440 | 7,647    | 3,160 | 4,487 | 5,940     | 3,184 | 2,756 |
| 2005                    | 67,982     | 25,699 | 42,283 | 8,099    | 3,229 | 4,870 | 6,368     | 3,253 | 3,107 |
| 2006                    | 72,938     | 27,906 | 45,032 | 8,673    | 3,598 | 5,075 | 6,631     | 3,359 | 3,262 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 29. Earth, atmospheric, and ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 1,712      | 1,551 | 161   | 759      | 714   | 45    | 404       | 392 | 12    |
| 1967                    | 1,936      | 1,739 | 197   | 971      | 916   | 55    | 415       | 409 | 6     |
| 1968                    | 2,339      | 2,105 | 234   | 1,008    | 937   | 71    | 434       | 423 | 11    |
| 1969                    | 2,924      | 2,633 | 291   | 1,124    | 1,035 | 89    | 496       | 476 | 20    |
| 1970                    | 3,351      | 3,008 | 343   | 1,124    | 999   | 125   | 498       | 483 | 15    |
| 1971                    | 3,562      | 3,179 | 383   | 1,227    | 1,111 | 116   | 536       | 523 | 13    |
| 1972                    | 4,055      | 3,560 | 495   | 1,408    | 1,256 | 152   | 576       | 555 | 21    |
| 1973                    | 4,374      | 3,842 | 532   | 1,470    | 1,294 | 176   | 569       | 547 | 22    |
| 1974                    | 4,823      | 4,055 | 768   | 1,679    | 1,482 | 197   | 562       | 534 | 28    |
| 1975                    | 4,877      | 4,050 | 827   | 1,503    | 1,309 | 194   | 548       | 526 | 22    |
| 1976                    | 5,046      | 4,124 | 922   | 1,581    | 1,361 | 220   | 580       | 528 | 52    |
| 1977                    | 5,653      | 4,479 | 1,174 | 1,659    | 1,433 | 226   | 635       | 583 | 52    |
| 1978                    | 6,003      | 4,709 | 1,294 | 1,832    | 1,542 | 290   | 576       | 522 | 54    |
| 1979                    | 6,082      | 4,695 | 1,387 | 1,777    | 1,467 | 310   | 589       | 538 | 51    |
| 1980                    | 6,155      | 4,693 | 1,462 | 1,793    | 1,457 | 336   | 588       | 530 | 58    |
| 1981                    | 6,694      | 5,028 | 1,666 | 1,876    | 1,470 | 406   | 529       | 484 | 45    |
| 1982                    | 7,061      | 5,254 | 1,807 | 2,012    | 1,560 | 452   | 604       | 512 | 92    |
| 1983                    | 7,298      | 5,450 | 1,848 | 1,959    | 1,515 | 444   | 574       | 490 | 84    |
| 1984                    | 7,925      | 5,991 | 1,934 | 1,982    | 1,517 | 465   | 563       | 466 | 97    |
| 1985                    | 7,576      | 5,715 | 1,861 | 2,160    | 1,639 | 521   | 557       | 455 | 102   |
| 1986                    | 6,076      | 4,722 | 1,354 | 2,234    | 1,717 | 517   | 524       | 437 | 87    |
| 1987                    | 4,689      | 3,629 | 1,060 | 2,051    | 1,531 | 520   | 573       | 467 | 106   |
| 1988                    | 3,554      | 2,707 | 847   | 1,920    | 1,433 | 487   | 637       | 518 | 119   |
| 1989                    | 3,181      | 2,380 | 801   | 1,819    | 1,337 | 482   | 655       | 527 | 128   |
| 1990                    | 2,776      | 2,001 | 775   | 1,596    | 1,218 | 378   | 688       | 558 | 130   |
| 1991                    | 2,728      | 1,946 | 782   | 1,499    | 1,116 | 383   | 780       | 611 | 166   |
| 1992                    | 3,201      | 2,177 | 1,024 | 1,425    | 1,057 | 368   | 737       | 560 | 171   |
| 1993                    | 3,503      | 2,453 | 1,050 | 1,397    | 1,006 | 391   | 703       | 552 | 142   |
| 1994                    | 3,868      | 2,665 | 1,203 | 1,418    | 994   | 424   | 763       | 598 | 159   |
| 1995                    | 4,478      | 2,954 | 1,524 | 1,483    | 1,032 | 451   | 699       | 555 | 142   |
| 1996                    | 4,457      | 2,972 | 1,485 | 1,487    | 1,051 | 436   | 711       | 555 | 149   |
| 1997                    | 4,466      | 2,924 | 1,542 | 1,435    | 948   | 487   | 782       | 595 | 182   |
| 1998                    | 4,321      | 2,722 | 1,599 | 1,426    | 932   | 494   | 741       | 549 | 189   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 706       | 524 | 179   |
| 2000                    | 4,047      | 2,430 | 1,617 | 1,345    | 832   | 513   | 665       | 474 | 188   |
| 2001                    | 3,968      | 2,346 | 1,622 | 1,363    | 799   | 564   | 630       | 440 | 189   |
| 2002                    | 3,984      | 2,282 | 1,702 | 1,406    | 834   | 572   | 671       | 469 | 202   |
| 2003                    | 3,949      | 2,298 | 1,651 | 1,491    | 879   | 612   | 647       | 445 | 202   |
| 2004                    | 3,903      | 2,256 | 1,647 | 1,570    | 869   | 701   | 671       | 444 | 227   |
| 2005                    | 3,959      | 2,299 | 1,660 | 1,685    | 973   | 712   | 714       | 470 | 244   |
| 2006                    | 3,998      | 2,352 | 1,646 | 1,727    | 959   | 768   | 757       | 488 | 267   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.



TABLE 30. Atmospheric sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |     |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-----|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 184        | 181 | 3     | 97       | 95  | 2     | 34        | 33  | 1     |
| 1967                    | 212        | 208 | 4     | 169      | 164 | 5     | 40        | 39  | 1     |
| 1968                    | 222        | 217 | 5     | 112      | 110 | 2     | 47        | 46  | 1     |
| 1969                    | 228        | 215 | 13    | 140      | 135 | 5     | 48        | 48  | 0     |
| 1970                    | 232        | 231 | 1     | 134      | 131 | 3     | 55        | 52  | 3     |
| 1971                    | 249        | 245 | 4     | 153      | 149 | 4     | 59        | 59  | 0     |
| 1972                    | 289        | 273 | 16    | 168      | 164 | 4     | 78        | 76  | 2     |
| 1973                    | 251        | 242 | 9     | 174      | 165 | 9     | 58        | 57  | 1     |
| 1974                    | 294        | 279 | 15    | 195      | 188 | 7     | 57        | 55  | 2     |
| 1975                    | 306        | 285 | 21    | 183      | 173 | 10    | 45        | 43  | 2     |
| 1976                    | 365        | 329 | 36    | 197      | 180 | 17    | 76        | 68  | 8     |
| 1977                    | 373        | 338 | 35    | 213      | 201 | 12    | 93        | 84  | 9     |
| 1978                    | 353        | 318 | 35    | 199      | 187 | 12    | 77        | 74  | 3     |
| 1979                    | 326        | 289 | 37    | 181      | 165 | 16    | 84        | 81  | 3     |
| 1980                    | 367        | 325 | 42    | 170      | 156 | 14    | 90        | 82  | 8     |
| 1981                    | 359        | 302 | 57    | 174      | 154 | 20    | 75        | 72  | 3     |
| 1982                    | 412        | 346 | 66    | 164      | 140 | 24    | 65        | 61  | 4     |
| 1983                    | 396        | 330 | 66    | 183      | 159 | 24    | 97        | 91  | 6     |
| 1984                    | 478        | 380 | 98    | 246      | 213 | 33    | 81        | 73  | 8     |
| 1985                    | 414        | 346 | 68    | 236      | 196 | 40    | 80        | 76  | 4     |
| 1986                    | 355        | 296 | 59    | 204      | 172 | 32    | 78        | 70  | 8     |
| 1987                    | 345        | 284 | 61    | 216      | 187 | 29    | 87        | 73  | 14    |
| 1988                    | 348        | 291 | 57    | 191      | 155 | 36    | 103       | 92  | 11    |
| 1989                    | 330        | 278 | 52    | 206      | 174 | 32    | 87        | 77  | 10    |
| 1990                    | 360        | 286 | 74    | 198      | 174 | 24    | 83        | 69  | 14    |
| 1991                    | 360        | 303 | 57    | 172      | 138 | 34    | 108       | 89  | 16    |
| 1992                    | 412        | 331 | 81    | 180      | 147 | 33    | 120       | 92  | 27    |
| 1993                    | 369        | 305 | 64    | 202      | 161 | 41    | 99        | 79  | 18    |
| 1994                    | 405        | 329 | 76    | 197      | 150 | 47    | 129       | 101 | 26    |
| 1995                    | 444        | 362 | 82    | 203      | 152 | 51    | 130       | 106 | 23    |
| 1996                    | 434        | 348 | 86    | 199      | 164 | 35    | 125       | 100 | 22    |
| 1997                    | 431        | 348 | 83    | 177      | 135 | 42    | 149       | 124 | 25    |
| 1998                    | 443        | 339 | 104   | 199      | 147 | 52    | 125       | 93  | 30    |
| 1999                    | NA         | NA  | NA    | NA       | NA  | NA    | 124       | 101 | 22    |
| 2000                    | 490        | 376 | 114   | 156      | 119 | 37    | 143       | 108 | 33    |
| 2001                    | 456        | 324 | 132   | 140      | 100 | 40    | 116       | 87  | 28    |
| 2002                    | 525        | 374 | 151   | 141      | 95  | 46    | 117       | 86  | 31    |
| 2003                    | 562        | 386 | 176   | 167      | 112 | 55    | 139       | 100 | 39    |
| 2004                    | 572        | 369 | 203   | 179      | 112 | 67    | 126       | 80  | 46    |
| 2005                    | 677        | 436 | 241   | 255      | 185 | 70    | 145       | 93  | 52    |
| 2006                    | 662        | 443 | 219   | 239      | 163 | 76    | 147       | 99  | 46    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 31. Earth sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 1,510      | 1,353 | 157   | 594      | 557   | 37    | 331       | 320 | 11    |
| 1967                    | 1,685      | 1,494 | 191   | 706      | 659   | 47    | 327       | 323 | 4     |
| 1968                    | 2,043      | 1,819 | 224   | 787      | 724   | 63    | 338       | 329 | 9     |
| 1969                    | 2,583      | 2,310 | 273   | 861      | 784   | 77    | 406       | 389 | 17    |
| 1970                    | 3,002      | 2,668 | 334   | 847      | 735   | 112   | 377       | 367 | 10    |
| 1971                    | 3,085      | 2,712 | 373   | 922      | 822   | 100   | 424       | 412 | 12    |
| 1972                    | 3,410      | 2,939 | 471   | 1,067    | 937   | 130   | 420       | 402 | 18    |
| 1973                    | 3,831      | 3,327 | 504   | 1,142    | 988   | 154   | 423       | 406 | 17    |
| 1974                    | 4,292      | 3,553 | 739   | 1,285    | 1,106 | 179   | 424       | 406 | 18    |
| 1975                    | 4,318      | 3,530 | 788   | 1,151    | 979   | 172   | 417       | 400 | 17    |
| 1976                    | 4,441      | 3,568 | 873   | 1,232    | 1,046 | 186   | 415       | 385 | 30    |
| 1977                    | 4,998      | 3,896 | 1,102 | 1,300    | 1,109 | 191   | 420       | 383 | 37    |
| 1978                    | 5,416      | 4,185 | 1,231 | 1,456    | 1,199 | 257   | 373       | 336 | 37    |
| 1979                    | 5,467      | 4,153 | 1,314 | 1,435    | 1,165 | 270   | 383       | 345 | 38    |
| 1980                    | 5,536      | 4,170 | 1,366 | 1,481    | 1,186 | 295   | 388       | 353 | 35    |
| 1981                    | 6,110      | 4,550 | 1,560 | 1,527    | 1,175 | 352   | 354       | 321 | 33    |
| 1982                    | 6,429      | 4,731 | 1,698 | 1,682    | 1,301 | 381   | 406       | 341 | 65    |
| 1983                    | 6,774      | 5,007 | 1,767 | 1,673    | 1,279 | 394   | 368       | 315 | 53    |
| 1984                    | 7,285      | 5,477 | 1,808 | 1,617    | 1,216 | 401   | 383       | 321 | 62    |
| 1985                    | 7,001      | 5,244 | 1,757 | 1,806    | 1,361 | 445   | 385       | 310 | 75    |
| 1986                    | 5,555      | 4,292 | 1,263 | 1,895    | 1,444 | 451   | 346       | 278 | 68    |
| 1987                    | 4,189      | 3,218 | 971   | 1,729    | 1,272 | 457   | 375       | 299 | 76    |
| 1988                    | 3,061      | 2,298 | 763   | 1,630    | 1,209 | 421   | 425       | 343 | 82    |
| 1989                    | 2,707      | 1,995 | 712   | 1,511    | 1,099 | 412   | 455       | 363 | 92    |
| 1990                    | 2,256      | 1,600 | 656   | 1,316    | 991   | 325   | 477       | 392 | 85    |
| 1991                    | 2,214      | 1,530 | 684   | 1,195    | 887   | 308   | 560       | 436 | 124   |
| 1992                    | 2,573      | 1,709 | 864   | 1,102    | 805   | 297   | 503       | 385 | 115   |
| 1993                    | 2,901      | 1,978 | 923   | 1,052    | 756   | 296   | 479       | 384 | 89    |
| 1994                    | 3,266      | 2,194 | 1,072 | 1,073    | 745   | 328   | 509       | 411 | 95    |
| 1995                    | 3,820      | 2,456 | 1,364 | 1,142    | 789   | 353   | 454       | 362 | 91    |
| 1996                    | 3,838      | 2,504 | 1,334 | 1,146    | 799   | 347   | 452       | 361 | 88    |
| 1997                    | 3,830      | 2,445 | 1,385 | 1,145    | 752   | 393   | 489       | 366 | 119   |
| 1998                    | 3,665      | 2,262 | 1,403 | 1,105    | 708   | 397   | 504       | 376 | 127   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 452       | 338 | 112   |
| 2000                    | 3,359      | 1,950 | 1,409 | 1,104    | 670   | 434   | 387       | 278 | 108   |
| 2001                    | 3,334      | 1,934 | 1,400 | 1,121    | 649   | 472   | 393       | 278 | 115   |
| 2002                    | 3,234      | 1,788 | 1,446 | 1,151    | 678   | 473   | 426       | 305 | 121   |
| 2003                    | 3,252      | 1,846 | 1,406 | 1,203    | 702   | 501   | 374       | 270 | 104   |
| 2004                    | 3,170      | 1,812 | 1,358 | 1,248    | 682   | 566   | 420       | 288 | 132   |
| 2005                    | 3,146      | 1,795 | 1,351 | 1,314    | 737   | 577   | 420       | 293 | 127   |
| 2006                    | 3,231      | 1,873 | 1,358 | 1,350    | 738   | 612   | 469       | 304 | 165   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 32. Ocean sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |     |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-----|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 18         | 17  | 1     | 68       | 62  | 6     | 39        | 39  | 0     |
| 1967                    | 39         | 37  | 2     | 96       | 93  | 3     | 48        | 47  | 1     |
| 1968                    | 74         | 69  | 5     | 109      | 103 | 6     | 49        | 48  | 1     |
| 1969                    | 113        | 108 | 5     | 123      | 116 | 7     | 42        | 39  | 3     |
| 1970                    | 117        | 109 | 8     | 143      | 133 | 10    | 66        | 64  | 2     |
| 1971                    | 228        | 222 | 6     | 152      | 140 | 12    | 53        | 52  | 1     |
| 1972                    | 356        | 348 | 8     | 173      | 155 | 18    | 78        | 77  | 1     |
| 1973                    | 292        | 273 | 19    | 154      | 141 | 13    | 88        | 84  | 4     |
| 1974                    | 237        | 223 | 14    | 199      | 188 | 11    | 81        | 73  | 8     |
| 1975                    | 253        | 235 | 18    | 169      | 157 | 12    | 86        | 83  | 3     |
| 1976                    | 240        | 227 | 13    | 152      | 135 | 17    | 89        | 75  | 14    |
| 1977                    | 282        | 245 | 37    | 146      | 123 | 23    | 122       | 116 | 6     |
| 1978                    | 234        | 206 | 28    | 177      | 156 | 21    | 126       | 112 | 14    |
| 1979                    | 289        | 253 | 36    | 161      | 137 | 24    | 122       | 112 | 10    |
| 1980                    | 252        | 198 | 54    | 142      | 115 | 27    | 110       | 95  | 15    |
| 1981                    | 225        | 176 | 49    | 175      | 141 | 34    | 100       | 91  | 9     |
| 1982                    | 220        | 177 | 43    | 166      | 119 | 47    | 133       | 110 | 23    |
| 1983                    | 128        | 113 | 15    | 103      | 77  | 26    | 122       | 95  | 27    |
| 1984                    | 162        | 134 | 28    | 119      | 88  | 31    | 105       | 78  | 27    |
| 1985                    | 161        | 125 | 36    | 118      | 82  | 36    | 110       | 84  | 26    |
| 1986                    | 166        | 134 | 32    | 135      | 101 | 34    | 130       | 114 | 16    |
| 1987                    | 155        | 127 | 28    | 106      | 72  | 34    | 137       | 119 | 18    |
| 1988                    | 145        | 118 | 27    | 99       | 69  | 30    | 142       | 106 | 36    |
| 1989                    | 144        | 107 | 37    | 102      | 64  | 38    | 130       | 102 | 28    |
| 1990                    | 160        | 115 | 45    | 82       | 53  | 29    | 159       | 120 | 39    |
| 1991                    | 154        | 113 | 41    | 132      | 91  | 41    | 133       | 101 | 32    |
| 1992                    | 216        | 137 | 79    | 143      | 105 | 38    | 144       | 108 | 34    |
| 1993                    | 233        | 170 | 63    | 143      | 89  | 54    | 143       | 103 | 39    |
| 1994                    | 197        | 142 | 55    | 148      | 99  | 49    | 153       | 110 | 41    |
| 1995                    | 214        | 136 | 78    | 138      | 91  | 47    | 142       | 109 | 33    |
| 1996                    | 185        | 120 | 65    | 142      | 88  | 54    | 147       | 104 | 42    |
| 1997                    | 205        | 131 | 74    | 113      | 61  | 52    | 166       | 118 | 47    |
| 1998                    | 213        | 121 | 92    | 122      | 77  | 45    | 136       | 94  | 41    |
| 1999                    | NA         | NA  | NA    | NA       | NA  | NA    | 147       | 96  | 51    |
| 2000                    | 198        | 104 | 94    | 85       | 43  | 42    | 164       | 109 | 55    |
| 2001                    | 178        | 88  | 90    | 102      | 50  | 52    | 151       | 96  | 55    |
| 2002                    | 225        | 120 | 105   | 114      | 61  | 53    | 146       | 87  | 59    |
| 2003                    | 135        | 66  | 69    | 121      | 65  | 56    | 170       | 100 | 70    |
| 2004                    | 161        | 75  | 86    | 143      | 75  | 68    | 140       | 80  | 60    |
| 2005                    | 136        | 68  | 68    | 116      | 51  | 65    | 149       | 84  | 65    |
| 2006                    | 105        | 36  | 69    | 138      | 58  | 80    | 141       | 85  | 56    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 33. Mathematics and computer sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |        |       | Doctorate <sup>a</sup> |       |       |
|-------------------------|------------|--------|--------|----------|--------|-------|------------------------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men    | Women | Total                  | Men   | Women |
| 1966                    | 20,179     | 13,477 | 6,702  | 5,010    | 3,992  | 1,018 | 769                    | 722   | 47    |
| 1967                    | 21,530     | 14,196 | 7,334  | 5,733    | 4,423  | 1,310 | 830                    | 782   | 48    |
| 1968                    | 24,084     | 15,243 | 8,841  | 6,081    | 4,720  | 1,361 | 971                    | 924   | 47    |
| 1969                    | 28,263     | 17,915 | 10,348 | 6,735    | 5,169  | 1,566 | 1,070                  | 1,014 | 56    |
| 1970                    | 29,109     | 18,593 | 10,516 | 7,107    | 5,298  | 1,809 | 1,225                  | 1,148 | 77    |
| 1971                    | 27,306     | 17,488 | 9,818  | 6,789    | 5,101  | 1,688 | 1,238                  | 1,142 | 96    |
| 1972                    | 27,250     | 17,466 | 9,784  | 7,186    | 5,409  | 1,777 | 1,281                  | 1,185 | 96    |
| 1973                    | 27,528     | 17,543 | 9,985  | 7,146    | 5,416  | 1,730 | 1,233                  | 1,113 | 120   |
| 1974                    | 26,570     | 16,851 | 9,719  | 7,116    | 5,323  | 1,793 | 1,211                  | 1,096 | 115   |
| 1975                    | 23,385     | 14,729 | 8,656  | 6,637    | 4,871  | 1,766 | 1,147                  | 1,038 | 109   |
| 1976                    | 21,749     | 14,071 | 7,678  | 6,466    | 4,776  | 1,690 | 1,003                  | 890   | 113   |
| 1977                    | 20,729     | 13,241 | 7,488  | 6,496    | 4,730  | 1,766 | 1,149                  | 1,008 | 141   |
| 1978                    | 19,925     | 12,815 | 7,110  | 6,421    | 4,704  | 1,717 | 1,034                  | 899   | 135   |
| 1979                    | 20,670     | 13,249 | 7,421  | 6,101    | 4,469  | 1,632 | 979                    | 833   | 146   |
| 1980                    | 22,686     | 14,439 | 8,247  | 6,515    | 4,715  | 1,800 | 962                    | 846   | 116   |
| 1981                    | 26,406     | 16,672 | 9,734  | 6,787    | 4,939  | 1,848 | 960                    | 822   | 138   |
| 1982                    | 32,139     | 19,966 | 12,173 | 7,666    | 5,446  | 2,220 | 940                    | 824   | 116   |
| 1983                    | 37,344     | 22,802 | 14,542 | 8,177    | 5,684  | 2,493 | 987                    | 838   | 149   |
| 1984                    | 45,946     | 27,893 | 18,053 | 8,960    | 6,185  | 2,775 | 993                    | 841   | 152   |
| 1985                    | 54,510     | 32,985 | 21,525 | 10,004   | 6,951  | 3,053 | 998                    | 859   | 139   |
| 1986                    | 58,726     | 35,920 | 22,806 | 11,254   | 7,724  | 3,530 | 1,128                  | 959   | 169   |
| 1987                    | 56,442     | 34,871 | 21,571 | 11,808   | 8,011  | 3,797 | 1,189                  | 999   | 190   |
| 1988                    | 50,877     | 32,112 | 18,765 | 12,600   | 8,759  | 3,841 | 1,264                  | 1,087 | 177   |
| 1989                    | 46,277     | 29,682 | 16,595 | 12,829   | 8,833  | 3,996 | 1,471                  | 1,208 | 263   |
| 1990                    | 42,369     | 27,184 | 15,185 | 13,327   | 9,176  | 4,151 | 1,597                  | 1,329 | 268   |
| 1991                    | 40,194     | 25,700 | 14,494 | 12,956   | 8,709  | 4,247 | 1,838                  | 1,514 | 316   |
| 1992                    | 39,889     | 25,693 | 14,196 | 13,320   | 9,199  | 4,121 | 1,927                  | 1,588 | 325   |
| 1993                    | 39,433     | 25,483 | 13,950 | 14,100   | 9,773  | 4,327 | 2,026                  | 1,602 | 402   |
| 1994                    | 39,185     | 25,397 | 13,788 | 14,350   | 10,128 | 4,222 | 2,021                  | 1,641 | 373   |
| 1995                    | 38,620     | 25,066 | 13,554 | 14,495   | 10,130 | 4,365 | 2,187                  | 1,727 | 451   |
| 1996                    | 37,621     | 24,857 | 12,764 | 14,355   | 9,999  | 4,356 | 2,042                  | 1,656 | 370   |
| 1997                    | 38,116     | 25,324 | 12,792 | 14,088   | 9,620  | 4,468 | 2,032                  | 1,594 | 413   |
| 1998                    | 39,768     | 26,670 | 13,098 | 15,277   | 10,393 | 4,884 | 2,104                  | 1,638 | 456   |
| 1999                    | NA         | NA     | NA     | NA       | NA     | NA    | 1,939                  | 1,495 | 434   |
| 2000                    | 49,123     | 33,045 | 16,078 | 17,824   | 11,458 | 6,366 | 1,910                  | 1,507 | 400   |
| 2001                    | 54,639     | 37,242 | 17,397 | 19,621   | 12,724 | 6,897 | 1,840                  | 1,407 | 431   |
| 2002                    | 61,408     | 42,142 | 19,266 | 19,990   | 13,020 | 6,970 | 1,730                  | 1,291 | 433   |
| 2003                    | 69,211     | 48,142 | 21,069 | 22,954   | 15,186 | 7,768 | 1,859                  | 1,419 | 440   |
| 2004                    | 71,160     | 50,436 | 20,724 | 24,150   | 16,005 | 8,145 | 2,024                  | 1,520 | 504   |
| 2005                    | 65,404     | 47,544 | 17,860 | 22,418   | 15,329 | 7,089 | 2,335                  | 1,783 | 547   |
| 2006                    | 58,588     | 42,858 | 15,730 | 21,490   | 14,968 | 6,522 | 2,779                  | 2,075 | 703   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

<sup>a</sup> In the Survey of Earned Doctorates (SED), data on computer sciences were not collected separately from mathematics until 1978, and complete data on computer sciences are not available from the SED until 1979. Data shown for 1966 through 1978 are from the Completions Survey.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 34. Computer sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |        |       | Doctorate <sup>a</sup> |       |       |
|-------------------------|------------|--------|--------|----------|--------|-------|------------------------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men    | Women | Total                  | Men   | Women |
| 1966                    | 89         | 76     | 13     | 238      | 221    | 17    | 19                     | 19    | 0     |
| 1967                    | 222        | 198    | 24     | 449      | 423    | 26    | 38                     | 37    | 1     |
| 1968                    | 459        | 404    | 55     | 548      | 518    | 30    | 36                     | 36    | 0     |
| 1969                    | 933        | 812    | 121    | 1,012    | 939    | 73    | 64                     | 62    | 2     |
| 1970                    | 1,544      | 1,345  | 199    | 1,459    | 1,324  | 135   | 107                    | 105   | 2     |
| 1971                    | 2,388      | 2,064  | 324    | 1,588    | 1,424  | 164   | 128                    | 125   | 3     |
| 1972                    | 3,402      | 2,941  | 461    | 1,977    | 1,752  | 225   | 167                    | 155   | 12    |
| 1973                    | 4,305      | 3,665  | 640    | 2,113    | 1,888  | 225   | 196                    | 181   | 15    |
| 1974                    | 4,757      | 3,977  | 780    | 2,276    | 1,983  | 293   | 198                    | 189   | 9     |
| 1975                    | 5,039      | 4,083  | 956    | 2,299    | 1,961  | 338   | 213                    | 199   | 14    |
| 1976                    | 5,664      | 4,540  | 1,124  | 2,603    | 2,226  | 377   | 244                    | 221   | 23    |
| 1977                    | 6,426      | 4,887  | 1,539  | 2,798    | 2,332  | 466   | 216                    | 197   | 19    |
| 1978                    | 7,224      | 5,360  | 1,864  | 3,038    | 2,471  | 567   | 196                    | 181   | 15    |
| 1979                    | 8,769      | 6,306  | 2,463  | 3,055    | 2,480  | 575   | 210                    | 183   | 27    |
| 1980                    | 11,213     | 7,814  | 3,399  | 3,647    | 2,883  | 764   | 218                    | 197   | 21    |
| 1981                    | 15,233     | 10,280 | 4,953  | 4,218    | 3,247  | 971   | 232                    | 206   | 26    |
| 1982                    | 20,431     | 13,316 | 7,115  | 4,935    | 3,625  | 1,310 | 220                    | 200   | 20    |
| 1983                    | 24,682     | 15,690 | 8,992  | 5,321    | 3,813  | 1,508 | 286                    | 250   | 36    |
| 1984                    | 32,435     | 20,369 | 12,066 | 6,190    | 4,379  | 1,811 | 295                    | 258   | 37    |
| 1985                    | 39,121     | 24,690 | 14,431 | 7,101    | 5,064  | 2,037 | 310                    | 277   | 33    |
| 1986                    | 42,195     | 27,069 | 15,126 | 8,070    | 5,658  | 2,412 | 399                    | 351   | 48    |
| 1987                    | 39,927     | 26,038 | 13,889 | 8,481    | 5,985  | 2,496 | 450                    | 385   | 65    |
| 1988                    | 34,896     | 23,543 | 11,353 | 9,166    | 6,702  | 2,464 | 515                    | 459   | 56    |
| 1989                    | 30,963     | 21,418 | 9,545  | 9,399    | 6,773  | 2,626 | 612                    | 504   | 108   |
| 1990                    | 27,695     | 19,321 | 8,374  | 9,643    | 6,968  | 2,675 | 705                    | 595   | 110   |
| 1991                    | 25,410     | 17,896 | 7,514  | 9,324    | 6,563  | 2,761 | 800                    | 679   | 117   |
| 1992                    | 24,958     | 17,748 | 7,210  | 9,655    | 6,980  | 2,675 | 869                    | 747   | 120   |
| 1993                    | 24,580     | 17,629 | 6,951  | 10,349   | 7,554  | 2,795 | 880                    | 737   | 138   |
| 1994                    | 24,553     | 17,533 | 7,020  | 10,546   | 7,817  | 2,729 | 903                    | 762   | 137   |
| 1995                    | 24,769     | 17,706 | 7,063  | 10,563   | 7,777  | 2,786 | 997                    | 808   | 186   |
| 1996                    | 24,545     | 17,773 | 6,772  | 10,613   | 7,763  | 2,850 | 920                    | 775   | 139   |
| 1997                    | 25,393     | 18,490 | 6,903  | 10,489   | 7,510  | 2,979 | 909                    | 743   | 150   |
| 1998                    | 27,674     | 20,235 | 7,439  | 11,752   | 8,338  | 3,414 | 927                    | 765   | 159   |
| 1999                    | NA         | NA     | NA     | NA       | NA     | NA    | 856                    | 692   | 157   |
| 2000                    | 37,388     | 26,914 | 10,474 | 14,529   | 9,661  | 4,868 | 860                    | 717   | 141   |
| 2001                    | 43,184     | 31,284 | 11,900 | 16,341   | 10,833 | 5,508 | 830                    | 673   | 155   |
| 2002                    | 49,135     | 35,631 | 13,504 | 16,582   | 11,083 | 5,499 | 810                    | 640   | 167   |
| 2003                    | 56,329     | 41,139 | 15,190 | 19,248   | 13,157 | 6,091 | 866                    | 690   | 176   |
| 2004                    | 57,405     | 42,999 | 14,406 | 19,853   | 13,658 | 6,195 | 948                    | 749   | 199   |
| 2005                    | 50,564     | 39,329 | 11,235 | 17,820   | 12,742 | 5,078 | 1,130                  | 906   | 221   |
| 2006                    | 43,277     | 34,425 | 8,852  | 16,594   | 12,157 | 4,437 | 1,452                  | 1,141 | 310   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

<sup>a</sup> In the Survey of Earned Doctorates (SED), data on computer sciences were not collected separately from mathematics until 1978, and complete data on computer sciences are not available from the SED until 1979. Data shown for 1966 through 1978 are from the Completions Survey.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 35. Mathematics degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |       | Doctorate <sup>a</sup> |       |       |
|-------------------------|------------|--------|--------|----------|-------|-------|------------------------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women | Total                  | Men   | Women |
| 1966                    | 20,090     | 13,401 | 6,689  | 4,772    | 3,771 | 1,001 | 769                    | 722   | 47    |
| 1967                    | 21,308     | 13,998 | 7,310  | 5,284    | 4,000 | 1,284 | 830                    | 782   | 48    |
| 1968                    | 23,625     | 14,839 | 8,786  | 5,533    | 4,202 | 1,331 | 971                    | 924   | 47    |
| 1969                    | 27,330     | 17,103 | 10,227 | 5,723    | 4,230 | 1,493 | 1,070                  | 1,014 | 56    |
| 1970                    | 27,565     | 17,248 | 10,317 | 5,648    | 3,974 | 1,674 | 1,225                  | 1,148 | 77    |
| 1971                    | 24,918     | 15,424 | 9,494  | 5,201    | 3,677 | 1,524 | 1,238                  | 1,142 | 96    |
| 1972                    | 23,848     | 14,525 | 9,323  | 5,209    | 3,657 | 1,552 | 1,281                  | 1,185 | 96    |
| 1973                    | 23,223     | 13,878 | 9,345  | 5,033    | 3,528 | 1,505 | 1,232                  | 1,113 | 119   |
| 1974                    | 21,813     | 12,874 | 8,939  | 4,840    | 3,340 | 1,500 | 1,211                  | 1,096 | 115   |
| 1975                    | 18,346     | 10,646 | 7,700  | 4,338    | 2,910 | 1,428 | 1,147                  | 1,038 | 109   |
| 1976                    | 16,085     | 9,531  | 6,554  | 3,863    | 2,550 | 1,313 | 1,003                  | 890   | 113   |
| 1977                    | 14,303     | 8,354  | 5,949  | 3,698    | 2,398 | 1,300 | 933                    | 811   | 122   |
| 1978                    | 12,701     | 7,455  | 5,246  | 3,383    | 2,233 | 1,150 | 838                    | 718   | 120   |
| 1979                    | 11,901     | 6,943  | 4,958  | 3,046    | 1,989 | 1,057 | 769                    | 650   | 119   |
| 1980                    | 11,473     | 6,625  | 4,848  | 2,868    | 1,832 | 1,036 | 744                    | 649   | 95    |
| 1981                    | 11,173     | 6,392  | 4,781  | 2,569    | 1,692 | 877   | 728                    | 616   | 112   |
| 1982                    | 11,708     | 6,650  | 5,058  | 2,731    | 1,821 | 910   | 720                    | 624   | 96    |
| 1983                    | 12,662     | 7,112  | 5,550  | 2,856    | 1,871 | 985   | 701                    | 588   | 113   |
| 1984                    | 13,511     | 7,524  | 5,987  | 2,770    | 1,806 | 964   | 698                    | 583   | 115   |
| 1985                    | 15,389     | 8,295  | 7,094  | 2,903    | 1,887 | 1,016 | 688                    | 582   | 106   |
| 1986                    | 16,531     | 8,851  | 7,680  | 3,184    | 2,066 | 1,118 | 729                    | 608   | 121   |
| 1987                    | 16,515     | 8,833  | 7,682  | 3,327    | 2,026 | 1,301 | 739                    | 614   | 125   |
| 1988                    | 15,981     | 8,569  | 7,412  | 3,434    | 2,057 | 1,377 | 749                    | 628   | 121   |
| 1989                    | 15,314     | 8,264  | 7,050  | 3,430    | 2,060 | 1,370 | 859                    | 704   | 155   |
| 1990                    | 14,674     | 7,863  | 6,811  | 3,684    | 2,208 | 1,476 | 892                    | 734   | 158   |
| 1991                    | 14,784     | 7,804  | 6,980  | 3,632    | 2,146 | 1,486 | 1,038                  | 835   | 199   |
| 1992                    | 14,931     | 7,945  | 6,986  | 3,665    | 2,219 | 1,446 | 1,058                  | 841   | 205   |
| 1993                    | 14,853     | 7,854  | 6,999  | 3,751    | 2,219 | 1,532 | 1,146                  | 865   | 264   |
| 1994                    | 14,632     | 7,864  | 6,768  | 3,804    | 2,311 | 1,493 | 1,118                  | 879   | 236   |
| 1995                    | 13,851     | 7,360  | 6,491  | 3,932    | 2,353 | 1,579 | 1,190                  | 919   | 265   |
| 1996                    | 13,076     | 7,084  | 5,992  | 3,742    | 2,236 | 1,506 | 1,122                  | 881   | 231   |
| 1997                    | 12,723     | 6,834  | 5,889  | 3,599    | 2,110 | 1,489 | 1,123                  | 851   | 263   |
| 1998                    | 12,094     | 6,435  | 5,659  | 3,525    | 2,055 | 1,470 | 1,177                  | 873   | 297   |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA    | 1,083                  | 803   | 277   |
| 2000                    | 11,735     | 6,131  | 5,604  | 3,295    | 1,797 | 1,498 | 1,050                  | 790   | 259   |
| 2001                    | 11,455     | 5,958  | 5,497  | 3,280    | 1,891 | 1,389 | 1,010                  | 734   | 276   |
| 2002                    | 12,273     | 6,511  | 5,762  | 3,408    | 1,937 | 1,471 | 920                    | 651   | 266   |
| 2003                    | 12,882     | 7,003  | 5,879  | 3,706    | 2,029 | 1,677 | 993                    | 729   | 264   |
| 2004                    | 13,755     | 7,437  | 6,318  | 4,297    | 2,347 | 1,950 | 1,076                  | 771   | 305   |
| 2005                    | 14,840     | 8,215  | 6,625  | 4,598    | 2,587 | 2,011 | 1,205                  | 877   | 326   |
| 2006                    | 15,311     | 8,433  | 6,878  | 4,896    | 2,811 | 2,085 | 1,327                  | 934   | 393   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

<sup>a</sup> Doctorates in computer sciences may have been reported in mathematics until 1978, when computer sciences was added to the Survey of Earned Doctorates questionnaire.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 36. Physical sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 15,462     | 13,290 | 2,172 | 4,206    | 3,723 | 483   | 2,655     | 2,535 | 120   |
| 1967                    | 15,847     | 13,642 | 2,205 | 4,405    | 3,907 | 498   | 3,085     | 2,930 | 155   |
| 1968                    | 17,037     | 14,602 | 2,435 | 4,456    | 3,892 | 564   | 3,239     | 3,064 | 175   |
| 1969                    | 18,623     | 15,962 | 2,661 | 4,755    | 4,176 | 579   | 3,428     | 3,242 | 186   |
| 1970                    | 18,173     | 15,547 | 2,626 | 4,796    | 4,074 | 722   | 3,893     | 3,666 | 227   |
| 1971                    | 17,948     | 15,317 | 2,631 | 5,115    | 4,379 | 736   | 3,949     | 3,718 | 231   |
| 1972                    | 16,814     | 14,161 | 2,653 | 4,864    | 4,128 | 736   | 3,653     | 3,404 | 249   |
| 1973                    | 16,415     | 13,826 | 2,589 | 4,769    | 4,100 | 669   | 3,444     | 3,209 | 235   |
| 1974                    | 16,453     | 13,686 | 2,767 | 4,379    | 3,689 | 690   | 3,136     | 2,902 | 234   |
| 1975                    | 16,001     | 12,990 | 3,011 | 4,298    | 3,645 | 653   | 3,076     | 2,812 | 264   |
| 1976                    | 16,497     | 13,280 | 3,217 | 3,880    | 3,275 | 605   | 2,861     | 2,617 | 244   |
| 1977                    | 16,937     | 13,560 | 3,377 | 3,641    | 2,981 | 660   | 2,721     | 2,477 | 244   |
| 1978                    | 17,143     | 13,453 | 3,690 | 3,713    | 3,060 | 653   | 2,611     | 2,364 | 247   |
| 1979                    | 17,257     | 13,358 | 3,899 | 3,650    | 2,971 | 679   | 2,674     | 2,382 | 292   |
| 1980                    | 17,470     | 13,285 | 4,185 | 3,408    | 2,770 | 638   | 2,521     | 2,199 | 322   |
| 1981                    | 17,446     | 13,137 | 4,309 | 3,366    | 2,691 | 675   | 2,627     | 2,318 | 309   |
| 1982                    | 17,263     | 12,737 | 4,526 | 3,491    | 2,744 | 747   | 2,694     | 2,337 | 357   |
| 1983                    | 16,197     | 11,586 | 4,611 | 3,285    | 2,600 | 685   | 2,801     | 2,430 | 371   |
| 1984                    | 15,831     | 11,175 | 4,656 | 3,544    | 2,698 | 846   | 2,845     | 2,446 | 399   |
| 1985                    | 16,270     | 11,434 | 4,836 | 3,605    | 2,775 | 830   | 2,916     | 2,452 | 464   |
| 1986                    | 15,784     | 11,088 | 4,696 | 3,649    | 2,736 | 913   | 3,090     | 2,585 | 505   |
| 1987                    | 15,464     | 10,792 | 4,672 | 3,574    | 2,684 | 890   | 3,212     | 2,686 | 526   |
| 1988                    | 14,255     | 9,673  | 4,582 | 3,708    | 2,817 | 891   | 3,316     | 2,759 | 557   |
| 1989                    | 14,148     | 9,777  | 4,371 | 3,876    | 2,836 | 1,040 | 3,244     | 2,627 | 617   |
| 1990                    | 13,425     | 9,106  | 4,319 | 3,805    | 2,754 | 1,051 | 3,493     | 2,840 | 653   |
| 1991                    | 13,678     | 9,253  | 4,425 | 3,777    | 2,703 | 1,074 | 3,605     | 2,919 | 673   |
| 1992                    | 13,875     | 9,289  | 4,586 | 3,922    | 2,834 | 1,088 | 3,750     | 2,960 | 765   |
| 1993                    | 14,188     | 9,424  | 4,764 | 3,965    | 2,794 | 1,171 | 3,681     | 2,866 | 776   |
| 1994                    | 14,655     | 9,588  | 5,067 | 4,263    | 3,030 | 1,233 | 3,949     | 3,104 | 825   |
| 1995                    | 14,897     | 9,605  | 5,292 | 4,241    | 2,958 | 1,283 | 3,814     | 2,922 | 873   |
| 1996                    | 15,396     | 9,694  | 5,702 | 4,364    | 2,914 | 1,450 | 3,826     | 2,960 | 839   |
| 1997                    | 15,264     | 9,382  | 5,882 | 4,141    | 2,808 | 1,333 | 3,746     | 2,879 | 843   |
| 1998                    | 15,273     | 9,279  | 5,994 | 3,969    | 2,529 | 1,440 | 3,800     | 2,865 | 917   |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 3,562     | 2,722 | 825   |
| 2000                    | 14,580     | 8,590  | 5,990 | 3,512    | 2,297 | 1,215 | 3,378     | 2,546 | 827   |
| 2001                    | 14,163     | 8,252  | 5,911 | 3,737    | 2,436 | 1,301 | 3,364     | 2,531 | 828   |
| 2002                    | 14,016     | 8,034  | 5,982 | 3,624    | 2,298 | 1,326 | 3,186     | 2,334 | 848   |
| 2003                    | 14,122     | 8,238  | 5,884 | 3,702    | 2,378 | 1,324 | 3,289     | 2,398 | 891   |
| 2004                    | 14,240     | 8,238  | 6,002 | 4,030    | 2,517 | 1,513 | 3,338     | 2,472 | 865   |
| 2005                    | 15,030     | 8,610  | 6,420 | 4,116    | 2,587 | 1,529 | 3,645     | 2,671 | 971   |
| 2006                    | 16,405     | 9,448  | 6,957 | 4,311    | 2,684 | 1,627 | 3,925     | 2,824 | 1,092 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 37. Astronomy degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |     |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-----|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 86         | 76  | 10    | 59       | 50  | 9     | 66        | 63  | 3     |
| 1967                    | 100        | 89  | 11    | 69       | 58  | 11    | 64        | 59  | 5     |
| 1968                    | 115        | 93  | 22    | 80       | 68  | 12    | 98        | 89  | 9     |
| 1969                    | 118        | 107 | 11    | 107      | 100 | 7     | 112       | 105 | 7     |
| 1970                    | 139        | 120 | 19    | 92       | 83  | 9     | 111       | 103 | 8     |
| 1971                    | 136        | 127 | 9     | 108      | 94  | 14    | 113       | 105 | 8     |
| 1972                    | 159        | 135 | 24    | 167      | 155 | 12    | 129       | 121 | 8     |
| 1973                    | 143        | 117 | 26    | 92       | 80  | 12    | 131       | 125 | 6     |
| 1974                    | 179        | 144 | 35    | 89       | 77  | 12    | 133       | 127 | 6     |
| 1975                    | 143        | 115 | 28    | 113      | 98  | 15    | 131       | 119 | 12    |
| 1976                    | 166        | 149 | 17    | 89       | 81  | 8     | 150       | 139 | 11    |
| 1977                    | 152        | 131 | 21    | 81       | 67  | 14    | 120       | 111 | 9     |
| 1978                    | 128        | 102 | 26    | 95       | 83  | 12    | 138       | 131 | 7     |
| 1979                    | 120        | 100 | 20    | 116      | 101 | 15    | 115       | 107 | 8     |
| 1980                    | 122        | 98  | 24    | 79       | 70  | 9     | 121       | 108 | 13    |
| 1981                    | 129        | 103 | 26    | 58       | 49  | 9     | 109       | 98  | 11    |
| 1982                    | 113        | 92  | 21    | 80       | 69  | 11    | 102       | 86  | 16    |
| 1983                    | 96         | 72  | 24    | 68       | 56  | 12    | 115       | 100 | 15    |
| 1984                    | 95         | 75  | 20    | 67       | 57  | 10    | 98        | 86  | 12    |
| 1985                    | 119        | 89  | 30    | 91       | 76  | 15    | 100       | 89  | 11    |
| 1986                    | 149        | 126 | 23    | 83       | 72  | 11    | 109       | 100 | 9     |
| 1987                    | 130        | 107 | 23    | 71       | 55  | 16    | 100       | 87  | 13    |
| 1988                    | 126        | 107 | 19    | 88       | 71  | 17    | 130       | 114 | 16    |
| 1989                    | 164        | 127 | 37    | 100      | 85  | 15    | 113       | 96  | 17    |
| 1990                    | 140        | 97  | 43    | 105      | 83  | 22    | 128       | 108 | 20    |
| 1991                    | 151        | 112 | 39    | 98       | 79  | 19    | 125       | 110 | 14    |
| 1992                    | 138        | 97  | 41    | 113      | 81  | 32    | 134       | 114 | 19    |
| 1993                    | 167        | 120 | 47    | 135      | 106 | 29    | 145       | 120 | 25    |
| 1994                    | 163        | 117 | 46    | 129      | 98  | 31    | 144       | 119 | 25    |
| 1995                    | 169        | 117 | 52    | 119      | 88  | 31    | 173       | 143 | 30    |
| 1996                    | 148        | 93  | 55    | 115      | 88  | 27    | 192       | 151 | 41    |
| 1997                    | 140        | 94  | 46    | 93       | 61  | 32    | 198       | 161 | 37    |
| 1998                    | 168        | 110 | 58    | 101      | 71  | 30    | 206       | 161 | 45    |
| 1999                    | NA         | NA  | NA    | NA       | NA  | NA    | 159       | 126 | 33    |
| 2000                    | 160        | 106 | 54    | 102      | 77  | 25    | 185       | 145 | 40    |
| 2001                    | 240        | 145 | 95    | 93       | 57  | 36    | 186       | 145 | 41    |
| 2002                    | 276        | 160 | 116   | 112      | 85  | 27    | 141       | 114 | 27    |
| 2003                    | 271        | 161 | 110   | 123      | 81  | 42    | 167       | 127 | 40    |
| 2004                    | 292        | 169 | 123   | 150      | 97  | 53    | 165       | 119 | 46    |
| 2005                    | 331        | 188 | 143   | 159      | 97  | 62    | 186       | 137 | 49    |
| 2006                    | 366        | 235 | 131   | 146      | 80  | 66    | 197       | 140 | 56    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.



TABLE 38. Chemistry degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 9,735      | 7,934 | 1,801 | 1,839    | 1,484 | 355   | 1,594     | 1,496 | 98    |
| 1967                    | 9,872      | 8,101 | 1,771 | 1,831    | 1,484 | 347   | 1,773     | 1,655 | 118   |
| 1968                    | 10,847     | 8,882 | 1,965 | 2,014    | 1,596 | 418   | 1,803     | 1,662 | 141   |
| 1969                    | 11,807     | 9,651 | 2,156 | 2,070    | 1,689 | 381   | 1,967     | 1,820 | 147   |
| 1970                    | 11,617     | 9,501 | 2,116 | 2,146    | 1,666 | 480   | 2,238     | 2,056 | 182   |
| 1971                    | 11,183     | 9,088 | 2,095 | 2,284    | 1,792 | 492   | 2,211     | 2,036 | 175   |
| 1972                    | 10,721     | 8,601 | 2,120 | 2,259    | 1,754 | 505   | 2,019     | 1,816 | 203   |
| 1973                    | 10,226     | 8,259 | 1,967 | 2,230    | 1,763 | 467   | 1,855     | 1,676 | 179   |
| 1974                    | 10,525     | 8,413 | 2,112 | 2,138    | 1,664 | 474   | 1,797     | 1,620 | 177   |
| 1975                    | 10,649     | 8,264 | 2,385 | 2,006    | 1,590 | 416   | 1,776     | 1,582 | 194   |
| 1976                    | 11,107     | 8,610 | 2,497 | 1,796    | 1,413 | 383   | 1,624     | 1,435 | 189   |
| 1977                    | 11,322     | 8,720 | 2,602 | 1,775    | 1,327 | 448   | 1,571     | 1,391 | 180   |
| 1978                    | 11,474     | 8,593 | 2,881 | 1,892    | 1,447 | 445   | 1,544     | 1,349 | 195   |
| 1979                    | 11,643     | 8,530 | 3,113 | 1,765    | 1,318 | 447   | 1,566     | 1,347 | 219   |
| 1980                    | 11,446     | 8,169 | 3,277 | 1,733    | 1,286 | 447   | 1,538     | 1,283 | 255   |
| 1981                    | 11,540     | 8,065 | 3,475 | 1,667    | 1,194 | 473   | 1,612     | 1,376 | 236   |
| 1982                    | 11,316     | 7,703 | 3,613 | 1,758    | 1,261 | 497   | 1,680     | 1,407 | 273   |
| 1983                    | 11,039     | 7,303 | 3,736 | 1,632    | 1,167 | 465   | 1,758     | 1,461 | 297   |
| 1984                    | 10,912     | 7,087 | 3,825 | 1,677    | 1,139 | 538   | 1,765     | 1,445 | 320   |
| 1985                    | 10,701     | 6,807 | 3,894 | 1,734    | 1,166 | 568   | 1,836     | 1,474 | 362   |
| 1986                    | 10,317     | 6,573 | 3,744 | 1,764    | 1,165 | 599   | 1,903     | 1,507 | 396   |
| 1987                    | 9,830      | 6,156 | 3,674 | 1,750    | 1,181 | 569   | 1,975     | 1,569 | 406   |
| 1988                    | 9,158      | 5,506 | 3,652 | 1,702    | 1,148 | 554   | 2,014     | 1,587 | 427   |
| 1989                    | 8,822      | 5,391 | 3,431 | 1,800    | 1,131 | 669   | 1,970     | 1,471 | 499   |
| 1990                    | 8,289      | 4,965 | 3,324 | 1,711    | 1,038 | 673   | 2,100     | 1,597 | 503   |
| 1991                    | 8,461      | 5,046 | 3,415 | 1,676    | 993   | 683   | 2,194     | 1,672 | 517   |
| 1992                    | 8,829      | 5,236 | 3,593 | 1,791    | 1,090 | 701   | 2,213     | 1,620 | 579   |
| 1993                    | 9,109      | 5,365 | 3,744 | 1,853    | 1,110 | 743   | 2,137     | 1,530 | 582   |
| 1994                    | 9,641      | 5,672 | 3,969 | 2,010    | 1,183 | 827   | 2,257     | 1,621 | 625   |
| 1995                    | 10,016     | 5,783 | 4,233 | 2,105    | 1,220 | 885   | 2,162     | 1,488 | 661   |
| 1996                    | 10,713     | 6,091 | 4,622 | 2,273    | 1,275 | 998   | 2,149     | 1,526 | 605   |
| 1997                    | 10,926     | 6,043 | 4,883 | 2,268    | 1,341 | 927   | 2,147     | 1,522 | 613   |
| 1998                    | 10,873     | 5,900 | 4,973 | 2,173    | 1,175 | 998   | 2,216     | 1,509 | 695   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 2,132     | 1,493 | 632   |
| 2000                    | 10,390     | 5,483 | 4,907 | 1,908    | 1,085 | 823   | 1,989     | 1,361 | 624   |
| 2001                    | 9,822      | 5,047 | 4,775 | 2,009    | 1,184 | 825   | 1,981     | 1,350 | 627   |
| 2002                    | 9,448      | 4,719 | 4,729 | 1,866    | 1,014 | 852   | 1,922     | 1,276 | 645   |
| 2003                    | 9,332      | 4,650 | 4,682 | 1,830    | 1,001 | 829   | 2,041     | 1,386 | 655   |
| 2004                    | 9,305      | 4,550 | 4,755 | 2,056    | 1,106 | 950   | 1,987     | 1,350 | 636   |
| 2005                    | 9,937      | 4,791 | 5,146 | 1,912    | 973   | 939   | 2,126     | 1,403 | 722   |
| 2006                    | 10,891     | 5,254 | 5,637 | 2,097    | 1,073 | 1,024 | 2,363     | 1,548 | 810   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 39. Physics degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 4,608      | 4,384 | 224   | 1,949    | 1,869 | 80    | 995       | 976   | 19    |
| 1967                    | 4,733      | 4,466 | 267   | 2,111    | 2,015 | 96    | 1,248     | 1,216 | 32    |
| 1968                    | 5,045      | 4,749 | 296   | 2,088    | 1,993 | 95    | 1,338     | 1,313 | 25    |
| 1969                    | 5,535      | 5,213 | 322   | 2,259    | 2,139 | 120   | 1,349     | 1,317 | 32    |
| 1970                    | 5,333      | 5,004 | 329   | 2,205    | 2,047 | 158   | 1,544     | 1,507 | 37    |
| 1971                    | 5,076      | 4,733 | 343   | 2,194    | 2,042 | 152   | 1,625     | 1,577 | 48    |
| 1972                    | 4,645      | 4,322 | 323   | 2,035    | 1,876 | 159   | 1,505     | 1,467 | 38    |
| 1973                    | 4,268      | 3,955 | 313   | 1,755    | 1,642 | 113   | 1,458     | 1,408 | 50    |
| 1974                    | 3,962      | 3,625 | 337   | 1,662    | 1,526 | 136   | 1,206     | 1,155 | 51    |
| 1975                    | 3,716      | 3,354 | 362   | 1,577    | 1,453 | 124   | 1,169     | 1,111 | 58    |
| 1976                    | 3,544      | 3,156 | 388   | 1,451    | 1,319 | 132   | 1,087     | 1,043 | 44    |
| 1977                    | 3,420      | 3,062 | 358   | 1,319    | 1,193 | 126   | 1,030     | 975   | 55    |
| 1978                    | 3,330      | 2,961 | 369   | 1,294    | 1,171 | 123   | 929       | 884   | 45    |
| 1979                    | 3,338      | 2,939 | 399   | 1,319    | 1,184 | 135   | 993       | 928   | 65    |
| 1980                    | 3,397      | 2,963 | 434   | 1,192    | 1,074 | 118   | 862       | 808   | 54    |
| 1981                    | 3,441      | 3,009 | 432   | 1,294    | 1,179 | 115   | 906       | 844   | 62    |
| 1982                    | 3,475      | 3,014 | 461   | 1,284    | 1,128 | 156   | 912       | 844   | 68    |
| 1983                    | 3,800      | 3,317 | 483   | 1,370    | 1,208 | 162   | 928       | 869   | 59    |
| 1984                    | 3,921      | 3,361 | 560   | 1,535    | 1,341 | 194   | 982       | 915   | 67    |
| 1985                    | 4,111      | 3,550 | 561   | 1,523    | 1,333 | 190   | 980       | 889   | 91    |
| 1986                    | 4,189      | 3,578 | 611   | 1,501    | 1,277 | 224   | 1,078     | 978   | 100   |
| 1987                    | 4,324      | 3,629 | 695   | 1,543    | 1,300 | 243   | 1,137     | 1,030 | 107   |
| 1988                    | 4,103      | 3,492 | 611   | 1,681    | 1,428 | 253   | 1,172     | 1,058 | 114   |
| 1989                    | 4,347      | 3,705 | 642   | 1,739    | 1,448 | 291   | 1,161     | 1,060 | 101   |
| 1990                    | 4,193      | 3,514 | 679   | 1,819    | 1,523 | 296   | 1,265     | 1,135 | 130   |
| 1991                    | 4,245      | 3,575 | 670   | 1,725    | 1,441 | 284   | 1,286     | 1,137 | 142   |
| 1992                    | 4,107      | 3,435 | 672   | 1,834    | 1,539 | 295   | 1,403     | 1,226 | 167   |
| 1993                    | 4,080      | 3,403 | 677   | 1,781    | 1,463 | 318   | 1,399     | 1,216 | 169   |
| 1994                    | 4,005      | 3,295 | 710   | 1,952    | 1,655 | 297   | 1,548     | 1,364 | 175   |
| 1995                    | 3,836      | 3,161 | 675   | 1,826    | 1,535 | 291   | 1,479     | 1,291 | 182   |
| 1996                    | 3,703      | 3,019 | 684   | 1,686    | 1,385 | 301   | 1,485     | 1,283 | 193   |
| 1997                    | 3,393      | 2,741 | 652   | 1,497    | 1,242 | 255   | 1,401     | 1,196 | 193   |
| 1998                    | 3,455      | 2,789 | 666   | 1,401    | 1,146 | 255   | 1,378     | 1,195 | 177   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 1,271     | 1,103 | 160   |
| 2000                    | 3,362      | 2,638 | 724   | 1,244    | 1,000 | 244   | 1,204     | 1,040 | 163   |
| 2001                    | 3,457      | 2,701 | 756   | 1,376    | 1,090 | 286   | 1,197     | 1,036 | 160   |
| 2002                    | 3,651      | 2,825 | 826   | 1,353    | 1,067 | 286   | 1,123     | 944   | 176   |
| 2003                    | 3,922      | 3,082 | 840   | 1,453    | 1,140 | 313   | 1,081     | 885   | 196   |
| 2004                    | 4,156      | 3,248 | 908   | 1,637    | 1,224 | 413   | 1,186     | 1,003 | 183   |
| 2005                    | 4,210      | 3,307 | 903   | 1,846    | 1,419 | 427   | 1,333     | 1,131 | 200   |
| 2006                    | 4,577      | 3,631 | 946   | 1,887    | 1,446 | 441   | 1,365     | 1,136 | 226   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 40. Other physical sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 1,033      | 896   | 137   | 359      | 320 | 39    | NA        | NA  | NA    |
| 1967                    | 1,142      | 986   | 156   | 394      | 350 | 44    | NA        | NA  | NA    |
| 1968                    | 1,030      | 878   | 152   | 274      | 235 | 39    | NA        | NA  | NA    |
| 1969                    | 1,163      | 991   | 172   | 319      | 248 | 71    | NA        | NA  | NA    |
| 1970                    | 1,084      | 922   | 162   | 353      | 278 | 75    | NA        | NA  | NA    |
| 1971                    | 1,553      | 1,369 | 184   | 529      | 451 | 78    | NA        | NA  | NA    |
| 1972                    | 1,289      | 1,103 | 186   | 403      | 343 | 60    | NA        | NA  | NA    |
| 1973                    | 1,778      | 1,495 | 283   | 692      | 615 | 77    | NA        | NA  | NA    |
| 1974                    | 1,787      | 1,504 | 283   | 490      | 422 | 68    | NA        | NA  | NA    |
| 1975                    | 1,493      | 1,257 | 236   | 602      | 504 | 98    | NA        | NA  | NA    |
| 1976                    | 1,680      | 1,365 | 315   | 544      | 462 | 82    | NA        | NA  | NA    |
| 1977                    | 2,043      | 1,647 | 396   | 466      | 394 | 72    | NA        | NA  | NA    |
| 1978                    | 2,211      | 1,797 | 414   | 432      | 359 | 73    | NA        | NA  | NA    |
| 1979                    | 2,156      | 1,789 | 367   | 450      | 368 | 82    | NA        | NA  | NA    |
| 1980                    | 2,505      | 2,055 | 450   | 404      | 340 | 64    | NA        | NA  | NA    |
| 1981                    | 2,336      | 1,960 | 376   | 347      | 269 | 78    | NA        | NA  | NA    |
| 1982                    | 2,359      | 1,928 | 431   | 369      | 286 | 83    | NA        | NA  | NA    |
| 1983                    | 1,262      | 894   | 368   | 215      | 169 | 46    | 13        | 11  | 2     |
| 1984                    | 903        | 652   | 251   | 265      | 161 | 104   | 6         | 6   | 0     |
| 1985                    | 1,339      | 988   | 351   | 257      | 200 | 57    | 18        | 15  | 3     |
| 1986                    | 1,129      | 811   | 318   | 301      | 222 | 79    | 30        | 25  | 5     |
| 1987                    | 1,180      | 900   | 280   | 210      | 148 | 62    | 26        | 24  | 2     |
| 1988                    | 868        | 568   | 300   | 237      | 170 | 67    | 33        | 23  | 10    |
| 1989                    | 815        | 554   | 261   | 237      | 172 | 65    | 17        | 15  | 2     |
| 1990                    | 803        | 530   | 273   | 170      | 110 | 60    | 31        | 23  | 8     |
| 1991                    | 821        | 520   | 301   | 278      | 190 | 88    | 21        | 15  | 6     |
| 1992                    | 801        | 521   | 280   | 184      | 124 | 60    | 30        | 25  | 5     |
| 1993                    | 832        | 536   | 296   | 196      | 115 | 81    | 18        | 14  | 4     |
| 1994                    | 846        | 504   | 342   | 172      | 94  | 78    | 28        | 24  | 3     |
| 1995                    | 876        | 544   | 332   | 191      | 115 | 76    | 27        | 22  | 5     |
| 1996                    | 832        | 491   | 341   | 290      | 166 | 124   | 13        | 10  | 3     |
| 1997                    | 805        | 504   | 301   | 283      | 164 | 119   | 22        | 13  | 9     |
| 1998                    | 777        | 480   | 297   | 294      | 137 | 157   | 24        | 14  | 9     |
| 1999                    | NA         | NA    | NA    | NA       | NA  | NA    | 17        | 11  | 6     |
| 2000                    | 668        | 363   | 305   | 258      | 135 | 123   | 29        | 21  | 8     |
| 2001                    | 644        | 359   | 285   | 259      | 105 | 154   | 30        | 21  | 9     |
| 2002                    | 641        | 330   | 311   | 293      | 132 | 161   | 18        | 9   | 9     |
| 2003                    | 597        | 345   | 252   | 296      | 156 | 140   | 36        | 25  | 11    |
| 2004                    | 487        | 271   | 216   | 187      | 90  | 97    | 15        | 4   | 11    |
| 2005                    | 552        | 324   | 228   | 199      | 98  | 101   | NA        | NA  | NA    |
| 2006                    | 571        | 328   | 243   | 181      | 85  | 96    | NA        | NA  | NA    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999. In the Survey of Earned Doctorates, data on other physical sciences were not collected by sex of recipient until 1983. "Physical sciences, other" was removed from the taxonomy of fields of study in the Survey of Earned Doctorates following the 2004 academic year.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 41. Psychology degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |        | Doctorate |       |       |
|-------------------------|------------|--------|--------|----------|-------|--------|-----------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women  | Total     | Men   | Women |
| 1966                    | 16,966     | 10,038 | 6,928  | 2,423    | 1,625 | 798    | 1,139     | 894   | 245   |
| 1967                    | 19,435     | 11,657 | 7,778  | 2,898    | 1,971 | 927    | 1,295     | 1,030 | 265   |
| 1968                    | 23,921     | 13,791 | 10,130 | 3,240    | 2,229 | 1,011  | 1,464     | 1,131 | 333   |
| 1969                    | 29,458     | 16,758 | 12,700 | 3,738    | 2,584 | 1,154  | 1,766     | 1,350 | 416   |
| 1970                    | 33,784     | 19,067 | 14,717 | 3,962    | 2,484 | 1,478  | 1,890     | 1,446 | 444   |
| 1971                    | 38,154     | 21,117 | 17,037 | 4,438    | 2,787 | 1,651  | 2,145     | 1,615 | 530   |
| 1972                    | 43,421     | 23,267 | 20,154 | 5,293    | 3,260 | 2,033  | 2,279     | 1,670 | 609   |
| 1973                    | 48,096     | 25,110 | 22,986 | 5,882    | 3,515 | 2,367  | 2,458     | 1,741 | 717   |
| 1974                    | 52,256     | 25,849 | 26,407 | 6,616    | 3,986 | 2,630  | 2,598     | 1,797 | 801   |
| 1975                    | 51,436     | 24,333 | 27,103 | 7,104    | 4,059 | 3,045  | 2,751     | 1,878 | 873   |
| 1976                    | 50,363     | 22,987 | 27,376 | 7,859    | 4,188 | 3,671  | 2,883     | 1,937 | 946   |
| 1977                    | 47,794     | 20,692 | 27,102 | 8,320    | 4,316 | 4,004  | 2,990     | 1,902 | 1,088 |
| 1978                    | 45,057     | 18,517 | 26,540 | 8,194    | 3,931 | 4,263  | 3,055     | 1,928 | 1,127 |
| 1979                    | 43,012     | 16,649 | 26,363 | 8,031    | 3,688 | 4,343  | 3,091     | 1,831 | 1,260 |
| 1980                    | 42,513     | 15,590 | 26,923 | 7,861    | 3,397 | 4,464  | 3,098     | 1,787 | 1,311 |
| 1981                    | 41,364     | 14,447 | 26,917 | 8,039    | 3,371 | 4,668  | 3,358     | 1,885 | 1,473 |
| 1982                    | 41,539     | 13,756 | 27,783 | 7,849    | 3,228 | 4,621  | 3,158     | 1,720 | 1,438 |
| 1983                    | 40,825     | 13,228 | 27,597 | 8,439    | 3,254 | 5,185  | 3,346     | 1,750 | 1,596 |
| 1984                    | 40,375     | 12,949 | 27,426 | 8,073    | 2,980 | 5,093  | 3,255     | 1,625 | 1,630 |
| 1985                    | 40,237     | 12,815 | 27,422 | 8,481    | 3,064 | 5,417  | 3,117     | 1,576 | 1,541 |
| 1986                    | 40,937     | 12,691 | 28,246 | 8,363    | 2,937 | 5,426  | 3,126     | 1,527 | 1,599 |
| 1987                    | 43,195     | 13,399 | 29,796 | 8,165    | 2,838 | 5,327  | 3,172     | 1,474 | 1,698 |
| 1988                    | 45,378     | 13,584 | 31,794 | 7,925    | 2,599 | 5,326  | 3,074     | 1,392 | 1,681 |
| 1989                    | 48,954     | 14,291 | 34,663 | 8,652    | 2,814 | 5,838  | 3,208     | 1,408 | 1,800 |
| 1990                    | 54,018     | 15,399 | 38,619 | 9,308    | 3,025 | 6,283  | 3,281     | 1,368 | 1,913 |
| 1991                    | 58,893     | 16,155 | 42,738 | 9,802    | 2,994 | 6,808  | 3,250     | 1,249 | 1,996 |
| 1992                    | 64,033     | 17,130 | 46,903 | 9,852    | 2,929 | 6,923  | 3,262     | 1,327 | 1,928 |
| 1993                    | 67,251     | 18,029 | 49,222 | 10,412   | 2,928 | 7,484  | 3,420     | 1,322 | 2,088 |
| 1994                    | 69,768     | 18,749 | 51,019 | 11,572   | 3,287 | 8,285  | 3,379     | 1,273 | 2,101 |
| 1995                    | 72,601     | 19,638 | 52,963 | 13,132   | 3,735 | 9,397  | 3,429     | 1,245 | 2,181 |
| 1996                    | 73,828     | 19,965 | 53,863 | 13,043   | 3,670 | 9,373  | 3,494     | 1,162 | 2,329 |
| 1997                    | 74,734     | 19,491 | 55,243 | 13,633   | 3,715 | 9,918  | 3,557     | 1,162 | 2,363 |
| 1998                    | 74,457     | 19,057 | 55,400 | 13,146   | 3,606 | 9,540  | 3,673     | 1,205 | 2,456 |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA     | 3,668     | 1,209 | 2,449 |
| 2000                    | 74,654     | 17,540 | 57,114 | 13,708   | 3,415 | 10,293 | 3,616     | 1,203 | 2,410 |
| 2001                    | 74,168     | 16,701 | 57,467 | 14,335   | 3,477 | 10,858 | 3,399     | 1,127 | 2,268 |
| 2002                    | 77,323     | 17,397 | 59,926 | 14,041   | 3,369 | 10,672 | 3,207     | 1,065 | 2,137 |
| 2003                    | 79,115     | 17,616 | 61,499 | 14,469   | 3,369 | 11,100 | 3,276     | 1,044 | 2,232 |
| 2004                    | 82,510     | 18,302 | 64,208 | 15,298   | 3,348 | 11,950 | 3,327     | 1,081 | 2,246 |
| 2005                    | 85,936     | 19,103 | 66,833 | 16,076   | 3,444 | 12,632 | 3,323     | 1,060 | 2,262 |
| 2006                    | 88,285     | 19,934 | 68,351 | 16,775   | 3,538 | 13,237 | 3,263     | 932   | 2,327 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 42. Social sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |        |        | Doctorate |       |       |
|-------------------------|------------|--------|--------|----------|--------|--------|-----------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men    | Women  | Total     | Men   | Women |
| 1966                    | 64,364     | 42,304 | 22,060 | 9,081    | 7,251  | 1,830  | 1,591     | 1,424 | 167   |
| 1967                    | 72,398     | 47,257 | 25,141 | 10,348   | 8,263  | 2,085  | 1,911     | 1,699 | 212   |
| 1968                    | 85,395     | 54,820 | 30,575 | 11,434   | 8,962  | 2,472  | 2,162     | 1,906 | 256   |
| 1969                    | 100,059    | 63,544 | 36,515 | 12,983   | 10,050 | 2,933  | 2,437     | 2,156 | 281   |
| 1970                    | 110,596    | 70,133 | 40,463 | 13,490   | 10,035 | 3,455  | 2,935     | 2,604 | 331   |
| 1971                    | 116,411    | 72,618 | 43,793 | 14,914   | 11,011 | 3,903  | 3,442     | 2,992 | 450   |
| 1972                    | 120,917    | 76,235 | 44,682 | 16,334   | 12,161 | 4,173  | 3,568     | 3,088 | 480   |
| 1973                    | 123,206    | 77,658 | 45,548 | 17,720   | 13,235 | 4,485  | 3,737     | 3,151 | 586   |
| 1974                    | 120,974    | 75,487 | 45,487 | 18,378   | 13,557 | 4,821  | 3,689     | 3,016 | 673   |
| 1975                    | 111,711    | 68,723 | 42,988 | 19,459   | 13,976 | 5,483  | 3,787     | 3,035 | 752   |
| 1976                    | 107,042    | 65,467 | 41,575 | 19,953   | 14,163 | 5,790  | 3,885     | 3,061 | 824   |
| 1977                    | 100,739    | 60,181 | 40,558 | 21,209   | 14,906 | 6,303  | 3,730     | 2,932 | 798   |
| 1978                    | 98,961     | 57,773 | 41,188 | 21,023   | 14,579 | 6,444  | 3,613     | 2,736 | 877   |
| 1979                    | 95,891     | 54,714 | 41,177 | 19,372   | 12,892 | 6,480  | 3,491     | 2,596 | 895   |
| 1980                    | 93,119     | 51,419 | 41,700 | 18,938   | 12,343 | 6,595  | 3,372     | 2,464 | 908   |
| 1981                    | 91,243     | 49,774 | 41,469 | 18,740   | 11,851 | 6,889  | 3,416     | 2,511 | 905   |
| 1982                    | 92,026     | 49,504 | 42,522 | 18,794   | 11,701 | 7,093  | 3,334     | 2,414 | 920   |
| 1983                    | 87,826     | 47,164 | 40,662 | 17,851   | 10,847 | 7,004  | 3,326     | 2,315 | 1,011 |
| 1984                    | 85,703     | 46,610 | 39,093 | 17,176   | 10,321 | 6,855  | 3,249     | 2,244 | 1,005 |
| 1985                    | 84,796     | 45,955 | 38,841 | 17,148   | 10,209 | 6,939  | 3,217     | 2,188 | 1,029 |
| 1986                    | 86,621     | 47,152 | 39,469 | 17,221   | 10,132 | 7,089  | 3,324     | 2,207 | 1,117 |
| 1987                    | 88,740     | 48,101 | 40,639 | 17,160   | 9,958  | 7,202  | 3,164     | 2,153 | 1,011 |
| 1988                    | 91,339     | 49,548 | 41,791 | 17,220   | 9,982  | 7,238  | 3,236     | 2,111 | 1,125 |
| 1989                    | 97,783     | 52,597 | 45,186 | 17,983   | 10,154 | 7,829  | 3,324     | 2,189 | 1,135 |
| 1990                    | 105,350    | 56,610 | 48,740 | 18,230   | 10,251 | 7,979  | 3,331     | 2,221 | 1,110 |
| 1991                    | 111,212    | 58,745 | 52,467 | 18,915   | 10,288 | 8,627  | 3,555     | 2,229 | 1,313 |
| 1992                    | 118,133    | 61,712 | 56,421 | 19,685   | 10,562 | 9,123  | 3,610     | 2,284 | 1,299 |
| 1993                    | 119,334    | 61,763 | 57,571 | 20,775   | 11,002 | 9,773  | 3,769     | 2,315 | 1,422 |
| 1994                    | 117,505    | 59,929 | 57,576 | 22,405   | 11,722 | 10,683 | 3,902     | 2,435 | 1,444 |
| 1995                    | 112,711    | 56,618 | 56,093 | 23,259   | 11,925 | 11,334 | 3,878     | 2,387 | 1,465 |
| 1996                    | 111,789    | 54,955 | 56,834 | 23,996   | 11,958 | 12,038 | 4,003     | 2,523 | 1,462 |
| 1997                    | 111,050    | 53,501 | 57,549 | 23,793   | 11,645 | 12,148 | 4,110     | 2,478 | 1,592 |
| 1998                    | 110,806    | 52,683 | 58,123 | 23,732   | 11,733 | 11,999 | 4,055     | 2,353 | 1,684 |
| 1999                    | NA         | NA     | NA     | NA       | NA     | NA     | 4,063     | 2,350 | 1,695 |
| 2000                    | 113,534    | 52,018 | 61,516 | 23,375   | 10,961 | 12,414 | 4,155     | 2,366 | 1,783 |
| 2001                    | 114,454    | 51,757 | 62,697 | 23,168   | 10,615 | 12,553 | 4,082     | 2,323 | 1,753 |
| 2002                    | 119,113    | 53,802 | 65,311 | 23,493   | 10,801 | 12,692 | 4,014     | 2,217 | 1,786 |
| 2003                    | 129,642    | 58,818 | 70,824 | 24,758   | 11,112 | 13,646 | 4,139     | 2,286 | 1,853 |
| 2004                    | 137,557    | 62,610 | 74,947 | 27,682   | 12,197 | 15,485 | 4,138     | 2,311 | 1,827 |
| 2005                    | 144,448    | 66,235 | 78,213 | 29,361   | 12,969 | 16,392 | 4,141     | 2,286 | 1,851 |
| 2006                    | 147,898    | 68,548 | 79,350 | 30,501   | 13,315 | 17,186 | 4,275     | 2,317 | 1,955 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 43. Economics degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 12,274     | 11,130 | 1,144 | 1,901    | 1,722 | 179   | 627       | 600   | 27    |
| 1967                    | 13,829     | 12,491 | 1,338 | 2,147    | 1,967 | 180   | 691       | 655   | 36    |
| 1968                    | 16,207     | 14,569 | 1,638 | 2,358    | 2,148 | 210   | 747       | 712   | 35    |
| 1969                    | 17,909     | 16,095 | 1,814 | 2,537    | 2,282 | 255   | 800       | 756   | 44    |
| 1970                    | 18,325     | 16,436 | 1,889 | 2,396    | 2,131 | 265   | 967       | 915   | 52    |
| 1971                    | 17,137     | 15,214 | 1,923 | 2,415    | 2,139 | 276   | 990       | 933   | 57    |
| 1972                    | 16,408     | 14,578 | 1,830 | 2,636    | 2,340 | 296   | 1,056     | 995   | 61    |
| 1973                    | 15,848     | 13,772 | 2,076 | 2,662    | 2,360 | 302   | 1,121     | 1,058 | 63    |
| 1974                    | 15,596     | 13,438 | 2,158 | 2,560    | 2,234 | 326   | 1,035     | 955   | 80    |
| 1975                    | 15,160     | 12,677 | 2,483 | 2,522    | 2,171 | 351   | 1,057     | 968   | 89    |
| 1976                    | 16,025     | 13,032 | 2,993 | 2,560    | 2,174 | 386   | 1,047     | 950   | 97    |
| 1977                    | 16,674     | 13,027 | 3,647 | 2,662    | 2,231 | 431   | 983       | 904   | 79    |
| 1978                    | 17,443     | 13,333 | 4,110 | 2,549    | 2,091 | 458   | 960       | 862   | 98    |
| 1979                    | 18,150     | 13,383 | 4,767 | 2,468    | 2,018 | 450   | 956       | 840   | 116   |
| 1980                    | 19,736     | 14,024 | 5,712 | 2,386    | 1,907 | 479   | 927       | 811   | 116   |
| 1981                    | 20,700     | 14,650 | 6,050 | 2,498    | 1,941 | 557   | 993       | 879   | 114   |
| 1982                    | 21,880     | 15,037 | 6,843 | 2,506    | 1,913 | 593   | 940       | 820   | 120   |
| 1983                    | 22,410     | 15,163 | 7,247 | 2,568    | 1,957 | 611   | 971       | 820   | 151   |
| 1984                    | 22,874     | 15,359 | 7,515 | 2,482    | 1,891 | 591   | 952       | 799   | 153   |
| 1985                    | 23,073     | 15,400 | 7,673 | 2,532    | 1,920 | 612   | 959       | 814   | 145   |
| 1986                    | 23,796     | 15,842 | 7,954 | 2,496    | 1,880 | 616   | 1,019     | 838   | 181   |
| 1987                    | 24,402     | 16,335 | 8,067 | 2,321    | 1,739 | 582   | 960       | 797   | 163   |
| 1988                    | 24,757     | 16,793 | 7,964 | 2,314    | 1,736 | 578   | 1,008     | 810   | 198   |
| 1989                    | 25,301     | 17,224 | 8,077 | 2,333    | 1,699 | 634   | 1,062     | 864   | 198   |
| 1990                    | 25,587     | 17,706 | 7,881 | 2,456    | 1,831 | 625   | 1,007     | 807   | 200   |
| 1991                    | 25,302     | 17,725 | 7,577 | 2,411    | 1,711 | 700   | 1,053     | 833   | 217   |
| 1992                    | 24,976     | 17,556 | 7,420 | 2,564    | 1,852 | 712   | 1,051     | 821   | 219   |
| 1993                    | 22,973     | 16,161 | 6,812 | 2,725    | 1,909 | 816   | 1,067     | 808   | 246   |
| 1994                    | 20,945     | 14,810 | 6,135 | 2,989    | 2,030 | 959   | 1,101     | 845   | 249   |
| 1995                    | 19,083     | 13,235 | 5,848 | 2,838    | 1,944 | 894   | 1,152     | 864   | 279   |
| 1996                    | 17,896     | 12,524 | 5,372 | 2,964    | 1,962 | 1,002 | 1,177     | 905   | 263   |
| 1997                    | 17,701     | 12,253 | 5,448 | 2,804    | 1,851 | 953   | 1,163     | 876   | 266   |
| 1998                    | 18,244     | 12,453 | 5,791 | 2,843    | 1,899 | 944   | 1,157     | 841   | 312   |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 1,075     | 781   | 291   |
| 2000                    | 19,400     | 13,016 | 6,384 | 2,515    | 1,563 | 952   | 1,086     | 790   | 293   |
| 2001                    | 20,377     | 13,453 | 6,924 | 2,492    | 1,519 | 973   | 1,081     | 773   | 306   |
| 2002                    | 21,827     | 14,438 | 7,389 | 2,651    | 1,601 | 1,050 | 1,027     | 739   | 281   |
| 2003                    | 23,871     | 15,775 | 8,096 | 2,951    | 1,790 | 1,161 | 1,050     | 747   | 303   |
| 2004                    | 24,933     | 16,652 | 8,281 | 3,201    | 1,949 | 1,252 | 1,069     | 754   | 315   |
| 2005                    | 25,164     | 17,023 | 8,141 | 3,504    | 2,113 | 1,391 | 1,183     | 826   | 355   |
| 2006                    | 24,703     | 17,042 | 7,661 | 3,337    | 2,016 | 1,321 | 1,142     | 795   | 345   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 44. Political sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |        | Doctorate |     |       |
|-------------------------|------------|--------|--------|----------|-------|--------|-----------|-----|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women  | Total     | Men | Women |
| 1966                    | 16,842     | 13,113 | 3,729  | 3,065    | 2,643 | 422    | 408       | 373 | 35    |
| 1967                    | 19,332     | 15,063 | 4,269  | 3,326    | 2,782 | 544    | 501       | 463 | 38    |
| 1968                    | 22,330     | 17,466 | 4,864  | 3,678    | 3,112 | 566    | 580       | 514 | 66    |
| 1969                    | 25,782     | 20,369 | 5,413  | 3,964    | 3,333 | 631    | 558       | 505 | 53    |
| 1970                    | 27,553     | 22,002 | 5,551  | 4,106    | 3,397 | 709    | 636       | 574 | 62    |
| 1971                    | 29,562     | 23,516 | 6,046  | 4,875    | 3,977 | 898    | 821       | 724 | 97    |
| 1972                    | 30,677     | 24,769 | 5,908  | 5,573    | 4,634 | 939    | 911       | 817 | 94    |
| 1973                    | 33,519     | 26,771 | 6,748  | 6,751    | 5,512 | 1,239  | 908       | 789 | 119   |
| 1974                    | 33,465     | 26,607 | 6,858  | 6,766    | 5,653 | 1,113  | 909       | 785 | 124   |
| 1975                    | 32,500     | 24,864 | 7,636  | 7,724    | 6,139 | 1,585  | 863       | 721 | 142   |
| 1976                    | 32,626     | 24,175 | 8,451  | 8,694    | 6,863 | 1,831  | 887       | 750 | 137   |
| 1977                    | 30,972     | 22,170 | 8,802  | 10,162   | 7,874 | 2,288  | 879       | 737 | 142   |
| 1978                    | 30,440     | 20,788 | 9,652  | 10,346   | 7,695 | 2,651  | 851       | 701 | 150   |
| 1979                    | 30,292     | 20,014 | 10,278 | 10,096   | 7,122 | 2,974  | 767       | 627 | 140   |
| 1980                    | 30,164     | 19,108 | 11,056 | 10,006   | 6,917 | 3,089  | 730       | 586 | 144   |
| 1981                    | 30,091     | 18,655 | 11,436 | 9,952    | 6,632 | 3,320  | 679       | 544 | 135   |
| 1982                    | 31,630     | 19,069 | 12,561 | 10,210   | 6,565 | 3,645  | 709       | 555 | 154   |
| 1983                    | 31,871     | 18,679 | 13,192 | 9,715    | 6,109 | 3,606  | 655       | 505 | 150   |
| 1984                    | 31,888     | 18,725 | 13,163 | 9,401    | 5,805 | 3,596  | 695       | 530 | 165   |
| 1985                    | 32,378     | 18,799 | 13,579 | 9,481    | 5,785 | 3,696  | 666       | 491 | 175   |
| 1986                    | 33,176     | 19,167 | 14,009 | 9,660    | 5,839 | 3,821  | 659       | 463 | 196   |
| 1987                    | 33,876     | 19,365 | 14,511 | 9,933    | 5,830 | 4,103  | 647       | 472 | 175   |
| 1988                    | 34,689     | 19,837 | 14,852 | 9,880    | 5,807 | 4,073  | 634       | 470 | 164   |
| 1989                    | 38,246     | 21,622 | 16,624 | 10,314   | 5,917 | 4,397  | 700       | 499 | 201   |
| 1990                    | 41,618     | 23,563 | 18,055 | 9,941    | 5,663 | 4,278  | 734       | 564 | 170   |
| 1991                    | 44,257     | 24,648 | 19,609 | 10,392   | 5,752 | 4,640  | 740       | 527 | 211   |
| 1992                    | 47,214     | 26,319 | 20,895 | 10,767   | 5,834 | 4,933  | 804       | 565 | 235   |
| 1993                    | 47,936     | 26,701 | 21,235 | 11,310   | 6,069 | 5,241  | 824       | 569 | 246   |
| 1994                    | 45,610     | 25,136 | 20,474 | 12,041   | 6,417 | 5,624  | 930       | 643 | 282   |
| 1995                    | 41,978     | 23,010 | 18,968 | 12,802   | 6,678 | 6,124  | 894       | 620 | 265   |
| 1996                    | 39,928     | 21,578 | 18,350 | 13,370   | 6,716 | 6,654  | 928       | 620 | 305   |
| 1997                    | 37,807     | 19,953 | 17,854 | 13,368   | 6,677 | 6,691  | 975       | 674 | 298   |
| 1998                    | 36,654     | 19,334 | 17,320 | 13,151   | 6,585 | 6,566  | 958       | 593 | 364   |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA     | 1,016     | 655 | 356   |
| 2000                    | 36,439     | 18,092 | 18,347 | 13,035   | 6,315 | 6,720  | 986       | 620 | 364   |
| 2001                    | 36,651     | 18,014 | 18,637 | 12,929   | 6,088 | 6,841  | 984       | 650 | 330   |
| 2002                    | 38,573     | 18,830 | 19,743 | 13,183   | 6,205 | 6,978  | 939       | 541 | 395   |
| 2003                    | 43,735     | 21,269 | 22,466 | 14,115   | 6,392 | 7,723  | 1,025     | 627 | 398   |
| 2004                    | 47,353     | 23,065 | 24,288 | 15,766   | 6,938 | 8,828  | 946       | 600 | 346   |
| 2005                    | 51,417     | 25,092 | 26,325 | 17,354   | 7,598 | 9,756  | 990       | 581 | 409   |
| 2006                    | 53,397     | 26,436 | 26,961 | 17,939   | 7,820 | 10,119 | 998       | 588 | 410   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 45. Sociology degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|--------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 15,203     | 6,139  | 9,064  | 981      | 680   | 301   | 260       | 220 | 40    |
| 1967                    | 17,751     | 7,163  | 10,588 | 1,193    | 837   | 356   | 331       | 271 | 60    |
| 1968                    | 22,062     | 8,577  | 13,485 | 1,193    | 790   | 403   | 370       | 297 | 73    |
| 1969                    | 26,555     | 10,342 | 16,213 | 1,656    | 1,125 | 531   | 413       | 331 | 82    |
| 1970                    | 30,848     | 12,445 | 18,403 | 1,816    | 1,139 | 677   | 505       | 412 | 93    |
| 1971                    | 33,667     | 13,706 | 19,961 | 1,815    | 1,136 | 679   | 587       | 471 | 116   |
| 1972                    | 35,630     | 15,334 | 20,296 | 1,987    | 1,218 | 769   | 639       | 501 | 138   |
| 1973                    | 35,996     | 15,747 | 20,249 | 1,950    | 1,167 | 783   | 599       | 445 | 154   |
| 1974                    | 35,915     | 15,325 | 20,590 | 2,236    | 1,346 | 890   | 645       | 460 | 185   |
| 1975                    | 31,858     | 13,347 | 18,511 | 2,135    | 1,319 | 816   | 680       | 470 | 210   |
| 1976                    | 27,992     | 11,391 | 16,601 | 2,035    | 1,177 | 858   | 734       | 511 | 223   |
| 1977                    | 25,008     | 9,814  | 15,194 | 1,851    | 1,024 | 827   | 725       | 488 | 237   |
| 1978                    | 23,073     | 8,461  | 14,612 | 1,650    | 898   | 752   | 610       | 386 | 224   |
| 1979                    | 20,546     | 7,156  | 13,390 | 1,451    | 757   | 694   | 632       | 400 | 232   |
| 1980                    | 19,181     | 6,391  | 12,790 | 1,372    | 683   | 689   | 600       | 369 | 231   |
| 1981                    | 17,592     | 5,361  | 12,231 | 1,255    | 598   | 657   | 605       | 363 | 242   |
| 1982                    | 16,333     | 4,889  | 11,444 | 1,183    | 541   | 642   | 568       | 354 | 214   |
| 1983                    | 14,347     | 4,363  | 9,984  | 1,157    | 515   | 642   | 551       | 323 | 228   |
| 1984                    | 13,347     | 4,293  | 9,054  | 1,015    | 461   | 554   | 534       | 300 | 234   |
| 1985                    | 12,165     | 3,767  | 8,398  | 1,045    | 470   | 575   | 486       | 243 | 243   |
| 1986                    | 12,397     | 3,862  | 8,535  | 986      | 440   | 546   | 506       | 285 | 221   |
| 1987                    | 12,359     | 3,897  | 8,462  | 970      | 425   | 545   | 449       | 274 | 175   |
| 1988                    | 13,085     | 4,086  | 8,999  | 1,013    | 437   | 576   | 468       | 219 | 249   |
| 1989                    | 14,393     | 4,488  | 9,905  | 1,169    | 507   | 662   | 458       | 226 | 232   |
| 1990                    | 15,993     | 5,047  | 10,946 | 1,213    | 501   | 712   | 448       | 230 | 218   |
| 1991                    | 17,632     | 5,427  | 12,205 | 1,293    | 514   | 779   | 493       | 247 | 246   |
| 1992                    | 19,644     | 6,124  | 13,520 | 1,379    | 561   | 818   | 512       | 262 | 250   |
| 1993                    | 21,007     | 6,638  | 14,369 | 1,564    | 604   | 960   | 535       | 279 | 255   |
| 1994                    | 22,468     | 7,155  | 15,313 | 1,675    | 652   | 1,023 | 548       | 261 | 283   |
| 1995                    | 22,974     | 7,435  | 15,539 | 1,790    | 678   | 1,112 | 555       | 258 | 294   |
| 1996                    | 24,169     | 7,794  | 16,375 | 1,822    | 642   | 1,180 | 528       | 247 | 276   |
| 1997                    | 24,750     | 7,846  | 16,904 | 1,752    | 610   | 1,142 | 601       | 265 | 334   |
| 1998                    | 24,884     | 7,762  | 17,122 | 1,774    | 656   | 1,118 | 579       | 260 | 317   |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA    | 572       | 228 | 342   |
| 2000                    | 25,685     | 7,657  | 18,028 | 2,036    | 649   | 1,387 | 637       | 260 | 376   |
| 2001                    | 25,363     | 7,440  | 17,923 | 1,901    | 643   | 1,258 | 579       | 240 | 339   |
| 2002                    | 25,318     | 7,307  | 18,011 | 1,957    | 642   | 1,315 | 567       | 222 | 345   |
| 2003                    | 26,191     | 7,553  | 18,638 | 1,929    | 633   | 1,296 | 612       | 251 | 361   |
| 2004                    | 27,030     | 7,720  | 19,310 | 2,031    | 673   | 1,358 | 599       | 246 | 353   |
| 2005                    | 28,576     | 8,438  | 20,138 | 1,518    | 485   | 1,033 | 556       | 211 | 345   |
| 2006                    | 28,549     | 8,552  | 19,997 | 1,577    | 467   | 1,110 | 602       | 229 | 373   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.



TABLE 46. Other social sciences degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|--------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 20,045     | 11,922 | 8,123  | 3,134    | 2,206 | 928   | 296       | 231 | 65    |
| 1967                    | 21,486     | 12,540 | 8,946  | 3,682    | 2,677 | 1,005 | 388       | 310 | 78    |
| 1968                    | 24,796     | 14,208 | 10,588 | 4,205    | 2,912 | 1,293 | 465       | 383 | 82    |
| 1969                    | 29,813     | 16,738 | 13,075 | 4,826    | 3,310 | 1,516 | 666       | 564 | 102   |
| 1970                    | 33,870     | 19,250 | 14,620 | 5,172    | 3,368 | 1,804 | 827       | 703 | 124   |
| 1971                    | 36,045     | 20,182 | 15,863 | 5,809    | 3,759 | 2,050 | 1,044     | 864 | 180   |
| 1972                    | 38,202     | 21,554 | 16,648 | 6,138    | 3,969 | 2,169 | 962       | 775 | 187   |
| 1973                    | 37,843     | 21,368 | 16,475 | 6,357    | 4,196 | 2,161 | 1,109     | 859 | 250   |
| 1974                    | 35,998     | 20,117 | 15,881 | 6,816    | 4,324 | 2,492 | 1,100     | 816 | 284   |
| 1975                    | 32,193     | 17,835 | 14,358 | 7,078    | 4,347 | 2,731 | 1,187     | 876 | 311   |
| 1976                    | 30,399     | 16,869 | 13,530 | 6,664    | 3,949 | 2,715 | 1,217     | 850 | 367   |
| 1977                    | 28,085     | 15,170 | 12,915 | 6,534    | 3,777 | 2,757 | 1,143     | 803 | 340   |
| 1978                    | 28,005     | 15,191 | 12,814 | 6,478    | 3,895 | 2,583 | 1,192     | 787 | 405   |
| 1979                    | 26,903     | 14,161 | 12,742 | 5,357    | 2,995 | 2,362 | 1,136     | 729 | 407   |
| 1980                    | 24,038     | 11,896 | 12,142 | 5,174    | 2,836 | 2,338 | 1,115     | 698 | 417   |
| 1981                    | 22,860     | 11,108 | 11,752 | 5,035    | 2,680 | 2,355 | 1,139     | 725 | 414   |
| 1982                    | 22,183     | 10,509 | 11,674 | 4,895    | 2,682 | 2,213 | 1,117     | 685 | 432   |
| 1983                    | 19,198     | 8,959  | 10,239 | 4,411    | 2,266 | 2,145 | 1,149     | 667 | 482   |
| 1984                    | 17,594     | 8,233  | 9,361  | 4,278    | 2,164 | 2,114 | 1,068     | 615 | 453   |
| 1985                    | 17,180     | 7,989  | 9,191  | 4,090    | 2,034 | 2,056 | 1,106     | 640 | 466   |
| 1986                    | 17,252     | 8,281  | 8,971  | 4,079    | 1,973 | 2,106 | 1,140     | 621 | 519   |
| 1987                    | 18,103     | 8,504  | 9,599  | 3,936    | 1,964 | 1,972 | 1,108     | 610 | 498   |
| 1988                    | 18,808     | 8,832  | 9,976  | 4,013    | 2,002 | 2,011 | 1,126     | 612 | 514   |
| 1989                    | 19,843     | 9,263  | 10,580 | 4,167    | 2,031 | 2,136 | 1,104     | 600 | 504   |
| 1990                    | 22,152     | 10,294 | 11,858 | 4,620    | 2,256 | 2,364 | 1,142     | 620 | 522   |
| 1991                    | 24,021     | 10,945 | 13,076 | 4,819    | 2,311 | 2,508 | 1,269     | 622 | 639   |
| 1992                    | 26,299     | 11,713 | 14,586 | 4,975    | 2,315 | 2,660 | 1,243     | 636 | 595   |
| 1993                    | 27,418     | 12,263 | 15,155 | 5,176    | 2,420 | 2,756 | 1,343     | 659 | 675   |
| 1994                    | 28,482     | 12,828 | 15,654 | 5,700    | 2,623 | 3,077 | 1,323     | 686 | 630   |
| 1995                    | 28,676     | 12,938 | 15,738 | 5,829    | 2,625 | 3,204 | 1,277     | 645 | 627   |
| 1996                    | 29,796     | 13,059 | 16,737 | 5,840    | 2,638 | 3,202 | 1,370     | 751 | 618   |
| 1997                    | 30,792     | 13,449 | 17,343 | 5,869    | 2,507 | 3,362 | 1,371     | 663 | 694   |
| 1998                    | 31,024     | 13,134 | 17,890 | 5,964    | 2,593 | 3,371 | 1,361     | 659 | 691   |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA    | 1,400     | 686 | 706   |
| 2000                    | 32,010     | 13,253 | 18,757 | 5,789    | 2,434 | 3,355 | 1,446     | 696 | 750   |
| 2001                    | 32,063     | 12,850 | 19,213 | 5,846    | 2,365 | 3,481 | 1,438     | 660 | 778   |
| 2002                    | 33,395     | 13,227 | 20,168 | 5,702    | 2,353 | 3,349 | 1,481     | 715 | 765   |
| 2003                    | 35,845     | 14,221 | 21,624 | 5,763    | 2,297 | 3,466 | 1,452     | 661 | 791   |
| 2004                    | 38,241     | 15,173 | 23,068 | 6,684    | 2,637 | 4,047 | 1,524     | 711 | 813   |
| 2005                    | 39,291     | 15,682 | 23,609 | 6,985    | 2,773 | 4,212 | 1,412     | 668 | 742   |
| 2006                    | 41,249     | 16,518 | 24,731 | 7,648    | 3,012 | 4,636 | 1,533     | 705 | 827   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 47. Engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |        |       | Doctorate |       |       |
|-------------------------|------------|--------|--------|----------|--------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women  | Total    | Men    | Women | Total     | Men   | Women |
| 1966                    | 35,826     | 35,680 | 146    | 13,705   | 13,629 | 76    | 2,301     | 2,293 | 8     |
| 1967                    | 36,197     | 36,013 | 184    | 13,921   | 13,843 | 78    | 2,607     | 2,598 | 9     |
| 1968                    | 37,680     | 37,464 | 216    | 15,232   | 15,133 | 99    | 2,864     | 2,852 | 12    |
| 1969                    | 41,582     | 41,270 | 312    | 15,248   | 15,135 | 113   | 3,276     | 3,266 | 10    |
| 1970                    | 44,770     | 44,433 | 337    | 15,597   | 15,428 | 169   | 3,446     | 3,430 | 16    |
| 1971                    | 45,248     | 44,887 | 361    | 16,367   | 16,181 | 186   | 3,514     | 3,498 | 16    |
| 1972                    | 45,711     | 45,219 | 492    | 16,764   | 16,493 | 271   | 3,509     | 3,487 | 22    |
| 1973                    | 46,779     | 46,203 | 576    | 16,545   | 16,267 | 278   | 3,374     | 3,328 | 46    |
| 1974                    | 43,248     | 42,550 | 698    | 15,205   | 14,858 | 347   | 3,161     | 3,127 | 34    |
| 1975                    | 39,824     | 38,979 | 845    | 15,167   | 14,795 | 372   | 3,011     | 2,959 | 52    |
| 1976                    | 38,790     | 37,473 | 1,317  | 16,045   | 15,477 | 568   | 2,838     | 2,783 | 55    |
| 1977                    | 41,357     | 39,313 | 2,044  | 16,012   | 15,314 | 698   | 2,648     | 2,574 | 74    |
| 1978                    | 47,251     | 43,769 | 3,482  | 16,080   | 15,237 | 843   | 2,425     | 2,372 | 53    |
| 1979                    | 53,469     | 48,588 | 4,881  | 15,279   | 14,342 | 937   | 2,494     | 2,432 | 62    |
| 1980                    | 58,810     | 52,858 | 5,952  | 15,943   | 14,820 | 1,123 | 2,479     | 2,389 | 90    |
| 1981                    | 63,717     | 56,654 | 7,063  | 16,451   | 15,122 | 1,329 | 2,528     | 2,429 | 99    |
| 1982                    | 67,460     | 59,185 | 8,275  | 17,557   | 15,982 | 1,575 | 2,646     | 2,522 | 124   |
| 1983                    | 72,670     | 63,018 | 9,652  | 18,886   | 17,131 | 1,755 | 2,781     | 2,657 | 124   |
| 1984                    | 76,153     | 65,424 | 10,729 | 20,145   | 18,045 | 2,100 | 2,912     | 2,761 | 151   |
| 1985                    | 77,572     | 66,326 | 11,246 | 20,972   | 18,728 | 2,244 | 3,166     | 2,968 | 198   |
| 1986                    | 76,820     | 65,682 | 11,138 | 21,096   | 18,696 | 2,400 | 3,375     | 3,150 | 225   |
| 1987                    | 74,425     | 63,021 | 11,404 | 22,070   | 19,300 | 2,770 | 3,712     | 3,470 | 242   |
| 1988                    | 70,154     | 59,375 | 10,779 | 22,726   | 19,918 | 2,808 | 4,186     | 3,900 | 286   |
| 1989                    | 66,947     | 56,759 | 10,188 | 23,743   | 20,661 | 3,082 | 4,543     | 4,168 | 375   |
| 1990                    | 64,705     | 54,732 | 9,973  | 23,995   | 20,726 | 3,269 | 4,894     | 4,479 | 415   |
| 1991                    | 62,187     | 52,522 | 9,665  | 24,013   | 20,656 | 3,357 | 5,213     | 4,702 | 467   |
| 1992                    | 61,941     | 52,305 | 9,636  | 25,018   | 21,349 | 3,669 | 5,438     | 4,860 | 506   |
| 1993                    | 62,705     | 52,724 | 9,981  | 27,664   | 23,570 | 4,094 | 5,698     | 5,097 | 522   |
| 1994                    | 63,012     | 52,609 | 10,403 | 28,717   | 24,294 | 4,423 | 5,820     | 5,149 | 635   |
| 1995                    | 63,371     | 52,421 | 10,950 | 28,630   | 23,998 | 4,632 | 6,008     | 5,270 | 696   |
| 1996                    | 63,114     | 51,798 | 11,316 | 27,761   | 23,009 | 4,752 | 6,309     | 5,488 | 777   |
| 1997                    | 62,352     | 50,882 | 11,470 | 25,874   | 21,179 | 4,695 | 6,114     | 5,315 | 750   |
| 1998                    | 60,914     | 49,575 | 11,339 | 26,138   | 20,975 | 5,163 | 5,921     | 5,110 | 773   |
| 1999                    | NA         | NA     | NA     | NA       | NA     | NA    | 5,330     | 4,504 | 788   |
| 2000                    | 59,536     | 47,320 | 12,216 | 25,736   | 20,396 | 5,340 | 5,323     | 4,459 | 838   |
| 2001                    | 59,258     | 47,344 | 11,914 | 26,523   | 20,895 | 5,628 | 5,511     | 4,571 | 930   |
| 2002                    | 60,639     | 47,952 | 12,687 | 26,266   | 20,692 | 5,574 | 5,079     | 4,173 | 892   |
| 2003                    | 63,773     | 50,803 | 12,970 | 29,704   | 23,520 | 6,184 | 5,280     | 4,368 | 912   |
| 2004                    | 64,675     | 51,418 | 13,257 | 33,872   | 26,737 | 7,135 | 5,777     | 4,756 | 1,021 |
| 2005                    | 66,133     | 52,936 | 13,197 | 34,099   | 26,492 | 7,607 | 6,425     | 5,225 | 1,181 |
| 2006                    | 68,121     | 54,821 | 13,300 | 32,771   | 25,259 | 7,512 | 7,191     | 5,724 | 1,452 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. For data on engineering technology degrees, see table 56. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 48. Aeronautical and astronautical engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 1,683      | 1,678 | 5     | 798      | 792 | 6     | 109       | 109 | 0     |
| 1967                    | 1,914      | 1,900 | 14    | 802      | 800 | 2     | 142       | 142 | 0     |
| 1968                    | 2,072      | 2,060 | 12    | 841      | 835 | 6     | 166       | 165 | 1     |
| 1969                    | 2,625      | 2,606 | 19    | 835      | 828 | 7     | 197       | 197 | 0     |
| 1970                    | 2,756      | 2,736 | 20    | 749      | 746 | 3     | 204       | 202 | 2     |
| 1971                    | 2,443      | 2,426 | 17    | 717      | 711 | 6     | 198       | 195 | 3     |
| 1972                    | 2,180      | 2,160 | 20    | 687      | 680 | 7     | 181       | 181 | 0     |
| 1973                    | 1,738      | 1,720 | 18    | 563      | 561 | 2     | 167       | 165 | 2     |
| 1974                    | 1,210      | 1,192 | 18    | 557      | 548 | 9     | 148       | 145 | 3     |
| 1975                    | 1,174      | 1,150 | 24    | 477      | 470 | 7     | 141       | 139 | 2     |
| 1976                    | 1,009      | 980   | 29    | 479      | 469 | 10    | 122       | 122 | 0     |
| 1977                    | 1,078      | 1,050 | 28    | 385      | 377 | 8     | 115       | 112 | 3     |
| 1978                    | 1,186      | 1,125 | 61    | 411      | 400 | 11    | 103       | 102 | 1     |
| 1979                    | 1,386      | 1,320 | 66    | 372      | 355 | 17    | 81        | 81  | 0     |
| 1980                    | 1,424      | 1,342 | 82    | 382      | 373 | 9     | 81        | 80  | 1     |
| 1981                    | 1,809      | 1,680 | 129   | 408      | 388 | 20    | 97        | 97  | 0     |
| 1982                    | 2,120      | 1,949 | 171   | 521      | 482 | 39    | 86        | 85  | 1     |
| 1983                    | 2,127      | 1,955 | 172   | 491      | 454 | 37    | 106       | 104 | 2     |
| 1984                    | 2,534      | 2,359 | 175   | 562      | 535 | 27    | 119       | 117 | 2     |
| 1985                    | 2,854      | 2,613 | 241   | 605      | 574 | 31    | 124       | 119 | 5     |
| 1986                    | 2,902      | 2,654 | 248   | 621      | 578 | 43    | 118       | 117 | 1     |
| 1987                    | 2,989      | 2,741 | 248   | 737      | 682 | 55    | 142       | 132 | 10    |
| 1988                    | 3,092      | 2,794 | 298   | 797      | 734 | 63    | 150       | 141 | 9     |
| 1989                    | 2,944      | 2,643 | 301   | 855      | 791 | 64    | 178       | 170 | 8     |
| 1990                    | 3,048      | 2,705 | 343   | 1,029    | 947 | 82    | 192       | 188 | 4     |
| 1991                    | 2,869      | 2,545 | 324   | 941      | 855 | 86    | 206       | 197 | 7     |
| 1992                    | 2,996      | 2,658 | 338   | 933      | 850 | 83    | 234       | 217 | 8     |
| 1993                    | 2,735      | 2,419 | 316   | 1,047    | 941 | 106   | 228       | 218 | 8     |
| 1994                    | 2,330      | 2,035 | 295   | 1,038    | 938 | 100   | 230       | 219 | 11    |
| 1995                    | 1,771      | 1,541 | 230   | 821      | 722 | 99    | 252       | 237 | 14    |
| 1996                    | 1,642      | 1,395 | 247   | 774      | 682 | 92    | 287       | 262 | 24    |
| 1997                    | 1,290      | 1,088 | 202   | 625      | 550 | 75    | 273       | 254 | 16    |
| 1998                    | 1,247      | 1,050 | 197   | 584      | 503 | 81    | 241       | 225 | 15    |
| 1999                    | NA         | NA    | NA    | NA       | NA  | NA    | 206       | 188 | 17    |
| 2000                    | 1,267      | 1,029 | 238   | 560      | 484 | 76    | 214       | 191 | 21    |
| 2001                    | 1,498      | 1,194 | 304   | 611      | 521 | 90    | 203       | 174 | 28    |
| 2002                    | 1,747      | 1,435 | 312   | 682      | 557 | 125   | 209       | 185 | 24    |
| 2003                    | 2,017      | 1,633 | 384   | 735      | 628 | 107   | 200       | 173 | 27    |
| 2004                    | 2,318      | 1,905 | 413   | 870      | 721 | 149   | 201       | 177 | 24    |
| 2005                    | 2,384      | 1,980 | 404   | 946      | 782 | 164   | 219       | 190 | 29    |
| 2006                    | 2,753      | 2,252 | 501   | 1,082    | 915 | 167   | 238       | 211 | 25    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 49. Chemical engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 2,981      | 2,958 | 23    | 1,072    | 1,065 | 7     | 367       | 365 | 2     |
| 1967                    | 2,997      | 2,969 | 28    | 1,028    | 1,021 | 7     | 330       | 327 | 3     |
| 1968                    | 3,395      | 3,365 | 30    | 1,251    | 1,237 | 14    | 377       | 374 | 3     |
| 1969                    | 3,768      | 3,715 | 53    | 1,227    | 1,216 | 11    | 422       | 419 | 3     |
| 1970                    | 3,995      | 3,938 | 57    | 1,127    | 1,109 | 18    | 457       | 454 | 3     |
| 1971                    | 3,907      | 3,843 | 64    | 1,200    | 1,173 | 27    | 407       | 403 | 4     |
| 1972                    | 3,967      | 3,887 | 80    | 1,259    | 1,230 | 29    | 391       | 389 | 2     |
| 1973                    | 3,968      | 3,874 | 94    | 1,139    | 1,117 | 22    | 424       | 420 | 4     |
| 1974                    | 3,826      | 3,706 | 120   | 1,111    | 1,080 | 31    | 418       | 409 | 9     |
| 1975                    | 3,420      | 3,273 | 147   | 1,078    | 1,051 | 27    | 396       | 391 | 5     |
| 1976                    | 3,543      | 3,254 | 289   | 1,129    | 1,088 | 41    | 335       | 327 | 8     |
| 1977                    | 3,986      | 3,534 | 452   | 1,179    | 1,110 | 69    | 329       | 319 | 10    |
| 1978                    | 5,205      | 4,453 | 752   | 1,335    | 1,245 | 90    | 282       | 277 | 5     |
| 1979                    | 6,442      | 5,387 | 1,055 | 1,276    | 1,156 | 120   | 315       | 306 | 9     |
| 1980                    | 7,276      | 5,989 | 1,287 | 1,393    | 1,249 | 144   | 316       | 302 | 14    |
| 1981                    | 7,639      | 6,274 | 1,365 | 1,406    | 1,230 | 176   | 317       | 306 | 11    |
| 1982                    | 8,059      | 6,447 | 1,612 | 1,409    | 1,222 | 187   | 333       | 314 | 19    |
| 1983                    | 8,550      | 6,761 | 1,789 | 1,545    | 1,369 | 176   | 392       | 369 | 23    |
| 1984                    | 9,192      | 7,115 | 2,077 | 1,798    | 1,590 | 208   | 409       | 382 | 27    |
| 1985                    | 8,941      | 6,848 | 2,093 | 1,814    | 1,529 | 285   | 504       | 463 | 41    |
| 1986                    | 7,411      | 5,805 | 1,606 | 1,641    | 1,401 | 240   | 531       | 470 | 61    |
| 1987                    | 6,114      | 4,574 | 1,540 | 1,386    | 1,143 | 243   | 584       | 524 | 60    |
| 1988                    | 4,654      | 3,522 | 1,132 | 1,322    | 1,107 | 215   | 684       | 619 | 65    |
| 1989                    | 4,187      | 3,017 | 1,170 | 1,321    | 1,092 | 229   | 712       | 632 | 80    |
| 1990                    | 3,834      | 2,745 | 1,089 | 1,205    | 1,013 | 192   | 658       | 580 | 78    |
| 1991                    | 3,728      | 2,564 | 1,164 | 1,025    | 852   | 173   | 691       | 605 | 83    |
| 1992                    | 4,123      | 2,854 | 1,269 | 1,145    | 914   | 231   | 725       | 609 | 113   |
| 1993                    | 4,899      | 3,335 | 1,564 | 1,220    | 996   | 224   | 737       | 638 | 94    |
| 1994                    | 5,636      | 3,953 | 1,683 | 1,287    | 1,008 | 279   | 725       | 609 | 113   |
| 1995                    | 6,391      | 4,367 | 2,024 | 1,369    | 1,063 | 306   | 708       | 597 | 109   |
| 1996                    | 6,708      | 4,537 | 2,171 | 1,416    | 1,110 | 306   | 798       | 653 | 143   |
| 1997                    | 6,977      | 4,701 | 2,276 | 1,345    | 1,013 | 332   | 767       | 641 | 122   |
| 1998                    | 6,721      | 4,525 | 2,196 | 1,372    | 1,028 | 344   | 776       | 630 | 140   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 674       | 550 | 123   |
| 2000                    | 6,219      | 4,016 | 2,203 | 1,352    | 1,008 | 344   | 726       | 571 | 152   |
| 2001                    | 6,088      | 4,033 | 2,055 | 1,368    | 1,016 | 352   | 730       | 547 | 180   |
| 2002                    | 5,946      | 3,823 | 2,123 | 1,267    | 932   | 335   | 705       | 527 | 176   |
| 2003                    | 5,545      | 3,532 | 2,013 | 1,365    | 1,022 | 343   | 649       | 494 | 155   |
| 2004                    | 5,185      | 3,352 | 1,833 | 1,506    | 1,089 | 417   | 726       | 553 | 173   |
| 2005                    | 4,889      | 3,113 | 1,776 | 1,506    | 1,081 | 425   | 875       | 662 | 210   |
| 2006                    | 4,857      | 3,179 | 1,678 | 1,432    | 1,046 | 386   | 893       | 660 | 231   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 50. Civil engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 5,611      | 5,588  | 23    | 2,218    | 2,209 | 9     | 293       | 293 | 0     |
| 1967                    | 5,439      | 5,411  | 28    | 2,225    | 2,204 | 21    | 307       | 306 | 1     |
| 1968                    | 5,796      | 5,765  | 31    | 2,435    | 2,418 | 17    | 368       | 368 | 0     |
| 1969                    | 6,282      | 6,235  | 47    | 2,426    | 2,406 | 20    | 364       | 363 | 1     |
| 1970                    | 6,800      | 6,747  | 53    | 2,503    | 2,473 | 30    | 366       | 365 | 1     |
| 1971                    | 6,939      | 6,879  | 60    | 2,700    | 2,656 | 44    | 427       | 426 | 1     |
| 1972                    | 7,258      | 7,181  | 77    | 2,869    | 2,821 | 48    | 437       | 435 | 2     |
| 1973                    | 8,013      | 7,924  | 89    | 3,195    | 3,135 | 60    | 435       | 426 | 9     |
| 1974                    | 8,633      | 8,488  | 145   | 3,247    | 3,164 | 83    | 390       | 387 | 3     |
| 1975                    | 8,289      | 8,116  | 173   | 3,268    | 3,161 | 107   | 361       | 356 | 5     |
| 1976                    | 8,493      | 8,214  | 279   | 3,605    | 3,454 | 151   | 388       | 382 | 6     |
| 1977                    | 8,898      | 8,413  | 485   | 3,606    | 3,421 | 185   | 336       | 328 | 8     |
| 1978                    | 9,900      | 9,141  | 759   | 3,226    | 3,030 | 196   | 303       | 295 | 8     |
| 1979                    | 10,583     | 9,534  | 1,049 | 3,165    | 2,951 | 214   | 302       | 298 | 4     |
| 1980                    | 11,046     | 9,959  | 1,087 | 3,198    | 2,933 | 265   | 306       | 295 | 11    |
| 1981                    | 11,331     | 10,100 | 1,231 | 3,428    | 3,112 | 316   | 358       | 348 | 10    |
| 1982                    | 11,280     | 9,962  | 1,318 | 3,456    | 3,104 | 352   | 368       | 351 | 17    |
| 1983                    | 10,747     | 9,263  | 1,484 | 3,504    | 3,122 | 382   | 397       | 384 | 13    |
| 1984                    | 10,351     | 8,928  | 1,423 | 3,551    | 3,136 | 415   | 407       | 382 | 25    |
| 1985                    | 9,730      | 8,388  | 1,342 | 3,542    | 3,128 | 414   | 391       | 371 | 20    |
| 1986                    | 9,223      | 7,994  | 1,229 | 3,281    | 2,908 | 373   | 429       | 408 | 21    |
| 1987                    | 8,746      | 7,550  | 1,196 | 3,267    | 2,792 | 475   | 477       | 459 | 18    |
| 1988                    | 8,131      | 6,960  | 1,171 | 3,134    | 2,721 | 413   | 531       | 501 | 30    |
| 1989                    | 8,015      | 6,841  | 1,174 | 3,296    | 2,851 | 445   | 538       | 484 | 54    |
| 1990                    | 7,992      | 6,730  | 1,262 | 3,213    | 2,693 | 520   | 553       | 504 | 49    |
| 1991                    | 8,083      | 6,803  | 1,280 | 3,404    | 2,864 | 540   | 575       | 529 | 41    |
| 1992                    | 8,920      | 7,395  | 1,525 | 3,755    | 3,120 | 635   | 594       | 535 | 50    |
| 1993                    | 9,788      | 8,009  | 1,779 | 4,438    | 3,607 | 831   | 624       | 558 | 54    |
| 1994                    | 10,603     | 8,619  | 1,984 | 4,918    | 3,965 | 953   | 683       | 598 | 80    |
| 1995                    | 11,329     | 9,031  | 2,298 | 5,168    | 4,123 | 1,045 | 656       | 575 | 76    |
| 1996                    | 12,053     | 9,629  | 2,424 | 5,002    | 3,938 | 1,064 | 698       | 616 | 79    |
| 1997                    | 12,010     | 9,441  | 2,569 | 4,880    | 3,781 | 1,099 | 655       | 571 | 80    |
| 1998                    | 11,522     | 8,946  | 2,576 | 4,736    | 3,582 | 1,154 | 650       | 544 | 100   |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 584       | 495 | 89    |
| 2000                    | 9,596      | 7,263  | 2,333 | 4,140    | 3,065 | 1,075 | 556       | 466 | 88    |
| 2001                    | 8,949      | 6,908  | 2,041 | 4,013    | 2,952 | 1,061 | 595       | 483 | 111   |
| 2002                    | 8,891      | 6,667  | 2,224 | 3,947    | 2,884 | 1,063 | 627       | 505 | 121   |
| 2003                    | 9,367      | 7,118  | 2,249 | 4,190    | 3,042 | 1,148 | 673       | 547 | 126   |
| 2004                    | 9,399      | 7,120  | 2,279 | 4,445    | 3,234 | 1,211 | 673       | 539 | 134   |
| 2005                    | 9,797      | 7,448  | 2,349 | 4,631    | 3,309 | 1,322 | 758       | 581 | 176   |
| 2006                    | 10,663     | 8,241  | 2,422 | 4,503    | 3,156 | 1,347 | 803       | 626 | 176   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 51. Electrical engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |       |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-------|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men   | Women |
| 1966                    | 11,007     | 10,978 | 29    | 3,872    | 3,850 | 22    | 569       | 567   | 2     |
| 1967                    | 10,843     | 10,801 | 42    | 3,953    | 3,942 | 11    | 675       | 675   | 0     |
| 1968                    | 10,725     | 10,682 | 43    | 4,226    | 4,204 | 22    | 741       | 741   | 0     |
| 1969                    | 11,695     | 11,629 | 66    | 4,033    | 4,011 | 22    | 829       | 826   | 3     |
| 1970                    | 12,288     | 12,220 | 68    | 4,138    | 4,109 | 29    | 857       | 854   | 3     |
| 1971                    | 12,288     | 12,212 | 76    | 4,282    | 4,252 | 30    | 862       | 858   | 4     |
| 1972                    | 12,181     | 12,099 | 82    | 4,209    | 4,157 | 52    | 815       | 810   | 5     |
| 1973                    | 12,377     | 12,219 | 158   | 3,899    | 3,850 | 49    | 787       | 780   | 7     |
| 1974                    | 11,419     | 11,302 | 117   | 3,499    | 3,444 | 55    | 678       | 675   | 3     |
| 1975                    | 10,246     | 10,116 | 130   | 3,471    | 3,413 | 58    | 714       | 698   | 16    |
| 1976                    | 9,874      | 9,681  | 193   | 3,774    | 3,670 | 104   | 711       | 696   | 15    |
| 1977                    | 10,018     | 9,750  | 268   | 3,788    | 3,654 | 134   | 667       | 646   | 21    |
| 1978                    | 11,213     | 10,778 | 435   | 3,742    | 3,600 | 142   | 539       | 522   | 17    |
| 1979                    | 12,440     | 11,781 | 659   | 3,596    | 3,453 | 143   | 611       | 600   | 11    |
| 1980                    | 13,902     | 13,000 | 902   | 3,842    | 3,658 | 184   | 540       | 523   | 17    |
| 1981                    | 15,040     | 13,940 | 1,100 | 3,902    | 3,681 | 221   | 549       | 527   | 22    |
| 1982                    | 16,553     | 15,142 | 1,411 | 4,465    | 4,177 | 288   | 616       | 594   | 22    |
| 1983                    | 19,205     | 17,283 | 1,922 | 4,819    | 4,484 | 335   | 625       | 612   | 13    |
| 1984                    | 21,541     | 19,252 | 2,289 | 5,519    | 5,081 | 438   | 660       | 645   | 15    |
| 1985                    | 23,668     | 20,936 | 2,732 | 5,649    | 5,154 | 495   | 716       | 681   | 35    |
| 1986                    | 26,112     | 22,885 | 3,227 | 6,147    | 5,508 | 639   | 805       | 767   | 38    |
| 1987                    | 26,791     | 23,227 | 3,564 | 6,895    | 6,178 | 717   | 779       | 747   | 32    |
| 1988                    | 25,942     | 22,418 | 3,524 | 7,455    | 6,642 | 813   | 1,010     | 962   | 48    |
| 1989                    | 24,318     | 21,130 | 3,188 | 7,849    | 6,933 | 916   | 1,137     | 1,070 | 67    |
| 1990                    | 23,015     | 20,148 | 2,867 | 8,009    | 7,018 | 991   | 1,276     | 1,192 | 84    |
| 1991                    | 21,520     | 18,757 | 2,763 | 7,942    | 7,008 | 934   | 1,405     | 1,312 | 79    |
| 1992                    | 20,256     | 17,801 | 2,455 | 8,274    | 7,229 | 1,045 | 1,483     | 1,352 | 115   |
| 1993                    | 19,598     | 17,339 | 2,259 | 8,828    | 7,777 | 1,051 | 1,543     | 1,403 | 125   |
| 1994                    | 18,241     | 15,990 | 2,251 | 8,870    | 7,721 | 1,149 | 1,672     | 1,515 | 147   |
| 1995                    | 17,579     | 15,409 | 2,170 | 8,743    | 7,539 | 1,204 | 1,731     | 1,545 | 173   |
| 1996                    | 16,667     | 14,695 | 1,972 | 8,156    | 6,960 | 1,196 | 1,741     | 1,556 | 169   |
| 1997                    | 16,434     | 14,416 | 2,018 | 7,341    | 6,197 | 1,144 | 1,720     | 1,560 | 150   |
| 1998                    | 16,322     | 14,310 | 2,012 | 7,971    | 6,595 | 1,376 | 1,595     | 1,428 | 156   |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 1,478     | 1,310 | 155   |
| 2000                    | 17,672     | 15,322 | 2,350 | 8,339    | 6,781 | 1,558 | 1,543     | 1,338 | 195   |
| 2001                    | 18,371     | 15,829 | 2,542 | 8,630    | 6,957 | 1,673 | 1,579     | 1,374 | 204   |
| 2002                    | 18,977     | 16,257 | 2,720 | 8,279    | 6,718 | 1,561 | 1,394     | 1,224 | 163   |
| 2003                    | 20,729     | 17,820 | 2,909 | 10,075   | 8,173 | 1,902 | 1,465     | 1,284 | 181   |
| 2004                    | 21,342     | 18,310 | 3,032 | 12,173   | 9,788 | 2,385 | 1,651     | 1,424 | 227   |
| 2005                    | 21,412     | 18,579 | 2,833 | 11,637   | 9,167 | 2,470 | 1,851     | 1,597 | 249   |
| 2006                    | 19,851     | 17,280 | 2,571 | 10,583   | 8,368 | 2,215 | 2,133     | 1,811 | 317   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 52. Industrial engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 2,335      | 2,325 | 10    | 1,200    | 1,194 | 6     | 46        | 46  | 0     |
| 1967                    | 2,366      | 2,357 | 9     | 1,341    | 1,331 | 10    | 61        | 59  | 2     |
| 1968                    | 2,727      | 2,712 | 15    | 1,512    | 1,503 | 9     | 74        | 73  | 1     |
| 1969                    | 3,000      | 2,984 | 16    | 1,453    | 1,445 | 8     | 111       | 110 | 1     |
| 1970                    | 3,199      | 3,178 | 21    | 1,763    | 1,746 | 17    | 117       | 117 | 0     |
| 1971                    | 3,210      | 3,190 | 20    | 1,921    | 1,898 | 23    | 134       | 132 | 2     |
| 1972                    | 3,713      | 3,673 | 40    | 1,731    | 1,706 | 25    | 142       | 142 | 0     |
| 1973                    | 3,508      | 3,477 | 31    | 1,595    | 1,566 | 29    | 109       | 107 | 2     |
| 1974                    | 2,921      | 2,877 | 44    | 1,734    | 1,689 | 45    | 92        | 91  | 1     |
| 1975                    | 2,583      | 2,524 | 59    | 1,687    | 1,631 | 56    | 92        | 90  | 2     |
| 1976                    | 2,241      | 2,154 | 87    | 1,751    | 1,670 | 81    | 67        | 65  | 2     |
| 1977                    | 2,264      | 2,115 | 149   | 1,609    | 1,534 | 75    | 73        | 68  | 5     |
| 1978                    | 2,712      | 2,389 | 323   | 1,722    | 1,584 | 138   | 51        | 49  | 2     |
| 1979                    | 2,804      | 2,376 | 428   | 1,502    | 1,374 | 128   | 82        | 77  | 5     |
| 1980                    | 3,217      | 2,672 | 545   | 1,313    | 1,180 | 133   | 77        | 70  | 7     |
| 1981                    | 3,878      | 3,111 | 767   | 1,631    | 1,465 | 166   | 66        | 60  | 6     |
| 1982                    | 4,044      | 3,092 | 952   | 1,656    | 1,446 | 210   | 79        | 73  | 6     |
| 1983                    | 3,824      | 2,824 | 1,000 | 1,432    | 1,226 | 206   | 86        | 80  | 6     |
| 1984                    | 4,020      | 2,949 | 1,071 | 1,557    | 1,279 | 278   | 84        | 68  | 16    |
| 1985                    | 4,009      | 2,842 | 1,167 | 1,463    | 1,236 | 227   | 92        | 86  | 6     |
| 1986                    | 4,255      | 2,974 | 1,281 | 1,653    | 1,374 | 279   | 101       | 87  | 14    |
| 1987                    | 4,313      | 2,929 | 1,384 | 1,728    | 1,409 | 319   | 120       | 107 | 13    |
| 1988                    | 4,259      | 3,014 | 1,245 | 1,816    | 1,492 | 324   | 127       | 108 | 19    |
| 1989                    | 4,121      | 2,860 | 1,261 | 1,823    | 1,465 | 358   | 162       | 144 | 18    |
| 1990                    | 4,041      | 2,835 | 1,206 | 1,834    | 1,493 | 341   | 151       | 126 | 25    |
| 1991                    | 3,820      | 2,723 | 1,097 | 2,039    | 1,603 | 436   | 165       | 146 | 17    |
| 1992                    | 4,029      | 2,890 | 1,139 | 2,370    | 1,898 | 472   | 196       | 169 | 25    |
| 1993                    | 3,584      | 2,547 | 1,037 | 2,745    | 2,190 | 555   | 236       | 207 | 27    |
| 1994                    | 3,453      | 2,439 | 1,014 | 2,882    | 2,346 | 536   | 228       | 195 | 33    |
| 1995                    | 3,519      | 2,493 | 1,026 | 2,873    | 2,361 | 512   | 284       | 231 | 50    |
| 1996                    | 3,727      | 2,630 | 1,097 | 3,027    | 2,403 | 624   | 259       | 208 | 51    |
| 1997                    | 3,997      | 2,918 | 1,079 | 2,935    | 2,331 | 604   | 246       | 205 | 40    |
| 1998                    | 3,988      | 2,968 | 1,020 | 3,109    | 2,433 | 676   | 229       | 188 | 40    |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 211       | 169 | 42    |
| 2000                    | 3,937      | 2,630 | 1,307 | 3,048    | 2,400 | 648   | 176       | 140 | 35    |
| 2001                    | 3,818      | 2,594 | 1,224 | 3,401    | 2,612 | 789   | 206       | 160 | 45    |
| 2002                    | 3,976      | 2,635 | 1,341 | 3,388    | 2,593 | 795   | 230       | 162 | 67    |
| 2003                    | 3,939      | 2,627 | 1,312 | 3,849    | 3,005 | 844   | 214       | 159 | 55    |
| 2004                    | 3,807      | 2,542 | 1,265 | 4,244    | 3,338 | 906   | 217       | 174 | 43    |
| 2005                    | 3,938      | 2,669 | 1,269 | 3,937    | 3,018 | 919   | 221       | 177 | 41    |
| 2006                    | 3,880      | 2,708 | 1,172 | 3,581    | 2,660 | 921   | 235       | 168 | 67    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 53. Materials and metallurgical engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |     |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-----|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men | Women | Total     | Men | Women |
| 1966                    | 792        | 785   | 7     | 400      | 397 | 3     | 211       | 209 | 2     |
| 1967                    | 836        | 828   | 8     | 444      | 443 | 1     | 267       | 266 | 1     |
| 1968                    | 881        | 863   | 18    | 460      | 458 | 2     | 215       | 213 | 2     |
| 1969                    | 952        | 942   | 10    | 441      | 435 | 6     | 280       | 279 | 1     |
| 1970                    | 977        | 967   | 10    | 429      | 423 | 6     | 303       | 302 | 1     |
| 1971                    | 916        | 903   | 13    | 480      | 472 | 8     | 306       | 305 | 1     |
| 1972                    | 909        | 893   | 16    | 524      | 513 | 11    | 294       | 291 | 3     |
| 1973                    | 885        | 870   | 15    | 582      | 569 | 13    | 299       | 292 | 7     |
| 1974                    | 821        | 789   | 32    | 521      | 508 | 13    | 280       | 277 | 3     |
| 1975                    | 711        | 676   | 35    | 500      | 483 | 17    | 272       | 267 | 5     |
| 1976                    | 704        | 661   | 43    | 475      | 447 | 28    | 252       | 244 | 8     |
| 1977                    | 738        | 679   | 59    | 504      | 481 | 23    | 248       | 238 | 10    |
| 1978                    | 835        | 728   | 107   | 506      | 468 | 38    | 247       | 242 | 5     |
| 1979                    | 1,045      | 862   | 183   | 529      | 475 | 54    | 236       | 228 | 8     |
| 1980                    | 1,303      | 1,076 | 227   | 598      | 539 | 59    | 273       | 259 | 14    |
| 1981                    | 1,434      | 1,164 | 270   | 666      | 587 | 79    | 234       | 217 | 17    |
| 1982                    | 1,696      | 1,372 | 324   | 632      | 560 | 72    | 255       | 238 | 17    |
| 1983                    | 1,392      | 1,104 | 288   | 672      | 567 | 105   | 268       | 238 | 30    |
| 1984                    | 1,355      | 1,033 | 322   | 726      | 605 | 121   | 271       | 245 | 26    |
| 1985                    | 1,276      | 990   | 286   | 713      | 600 | 113   | 303       | 271 | 32    |
| 1986                    | 1,259      | 924   | 335   | 810      | 673 | 137   | 305       | 281 | 24    |
| 1987                    | 1,152      | 854   | 298   | 765      | 600 | 165   | 392       | 347 | 45    |
| 1988                    | 1,211      | 891   | 320   | 749      | 597 | 152   | 374       | 341 | 33    |
| 1989                    | 1,114      | 853   | 261   | 815      | 634 | 181   | 380       | 335 | 45    |
| 1990                    | 1,166      | 895   | 271   | 802      | 650 | 152   | 440       | 391 | 49    |
| 1991                    | 1,166      | 912   | 254   | 787      | 607 | 180   | 489       | 412 | 77    |
| 1992                    | 1,091      | 846   | 245   | 796      | 653 | 143   | 485       | 416 | 61    |
| 1993                    | 1,216      | 956   | 260   | 849      | 682 | 167   | 535       | 449 | 78    |
| 1994                    | 1,106      | 866   | 240   | 910      | 723 | 187   | 539       | 452 | 83    |
| 1995                    | 1,046      | 799   | 247   | 852      | 668 | 184   | 588       | 489 | 95    |
| 1996                    | 1,004      | 781   | 223   | 774      | 599 | 175   | 574       | 483 | 84    |
| 1997                    | 1,063      | 804   | 259   | 724      | 550 | 174   | 582       | 470 | 106   |
| 1998                    | 1,007      | 772   | 235   | 698      | 528 | 170   | 565       | 477 | 84    |
| 1999                    | NA         | NA    | NA    | NA       | NA  | NA    | 469       | 376 | 88    |
| 2000                    | 972        | 704   | 268   | 759      | 558 | 201   | 451       | 367 | 83    |
| 2001                    | 930        | 667   | 263   | 709      | 536 | 173   | 497       | 392 | 105   |
| 2002                    | 933        | 648   | 285   | 630      | 459 | 171   | 396       | 315 | 80    |
| 2003                    | 950        | 674   | 276   | 720      | 537 | 183   | 474       | 373 | 101   |
| 2004                    | 865        | 595   | 270   | 800      | 601 | 199   | 511       | 420 | 91    |
| 2005                    | 906        | 624   | 282   | 790      | 586 | 204   | 540       | 419 | 120   |
| 2006                    | 1,006      | 737   | 269   | 768      | 567 | 201   | 624       | 465 | 158   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.



TABLE 54. Mechanical engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 7,811      | 7,792  | 19    | 2,154    | 2,147 | 7     | 457       | 456 | 1     |
| 1967                    | 7,890      | 7,870  | 20    | 2,176    | 2,169 | 7     | 537       | 535 | 2     |
| 1968                    | 7,930      | 7,898  | 32    | 2,136    | 2,130 | 6     | 597       | 595 | 2     |
| 1969                    | 8,514      | 8,474  | 40    | 2,299    | 2,295 | 4     | 646       | 646 | 0     |
| 1970                    | 9,310      | 9,271  | 39    | 2,298    | 2,286 | 12    | 635       | 633 | 2     |
| 1971                    | 9,177      | 9,134  | 43    | 2,502    | 2,495 | 7     | 611       | 611 | 0     |
| 1972                    | 8,784      | 8,735  | 49    | 2,552    | 2,527 | 25    | 616       | 614 | 2     |
| 1973                    | 8,795      | 8,732  | 63    | 2,396    | 2,374 | 22    | 541       | 534 | 7     |
| 1974                    | 7,883      | 7,817  | 66    | 2,058    | 2,031 | 27    | 544       | 537 | 7     |
| 1975                    | 7,089      | 7,005  | 84    | 2,032    | 2,012 | 20    | 487       | 483 | 4     |
| 1976                    | 6,984      | 6,834  | 150   | 2,088    | 2,056 | 32    | 417       | 413 | 4     |
| 1977                    | 7,927      | 7,685  | 242   | 2,094    | 2,039 | 55    | 372       | 366 | 6     |
| 1978                    | 9,100      | 8,628  | 472   | 2,095    | 2,029 | 66    | 377       | 374 | 3     |
| 1979                    | 10,360     | 9,740  | 620   | 2,012    | 1,939 | 73    | 366       | 361 | 5     |
| 1980                    | 12,020     | 11,127 | 893   | 2,194    | 2,087 | 107   | 384       | 377 | 7     |
| 1981                    | 13,573     | 12,422 | 1,151 | 2,419    | 2,292 | 127   | 360       | 354 | 6     |
| 1982                    | 14,315     | 13,049 | 1,266 | 2,539    | 2,388 | 151   | 437       | 420 | 17    |
| 1983                    | 16,031     | 14,546 | 1,485 | 2,683    | 2,517 | 166   | 379       | 371 | 8     |
| 1984                    | 17,040     | 15,228 | 1,812 | 2,964    | 2,765 | 199   | 427       | 412 | 15    |
| 1985                    | 17,200     | 15,399 | 1,801 | 3,272    | 3,044 | 228   | 513       | 487 | 26    |
| 1986                    | 16,586     | 14,876 | 1,710 | 3,256    | 3,002 | 254   | 536       | 518 | 18    |
| 1987                    | 15,723     | 13,996 | 1,727 | 3,380    | 3,133 | 247   | 657       | 640 | 17    |
| 1988                    | 15,331     | 13,567 | 1,764 | 3,513    | 3,218 | 295   | 715       | 686 | 29    |
| 1989                    | 15,217     | 13,537 | 1,680 | 3,703    | 3,377 | 326   | 760       | 731 | 29    |
| 1990                    | 14,693     | 12,978 | 1,715 | 3,630    | 3,276 | 354   | 884       | 846 | 38    |
| 1991                    | 14,263     | 12,673 | 1,590 | 3,680    | 3,320 | 360   | 875       | 810 | 57    |
| 1992                    | 14,352     | 12,791 | 1,561 | 3,826    | 3,455 | 371   | 987       | 933 | 45    |
| 1993                    | 14,708     | 13,076 | 1,632 | 4,169    | 3,769 | 400   | 1,030     | 955 | 57    |
| 1994                    | 15,297     | 13,554 | 1,743 | 4,277    | 3,860 | 417   | 1,015     | 940 | 69    |
| 1995                    | 15,141     | 13,441 | 1,700 | 4,368    | 3,918 | 450   | 1,025     | 954 | 64    |
| 1996                    | 14,509     | 12,773 | 1,736 | 4,009    | 3,555 | 454   | 1,052     | 963 | 78    |
| 1997                    | 13,806     | 12,171 | 1,635 | 3,756    | 3,337 | 419   | 1,022     | 928 | 88    |
| 1998                    | 13,363     | 11,727 | 1,636 | 3,551    | 3,090 | 461   | 1,022     | 923 | 93    |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | 855       | 751 | 96    |
| 2000                    | 13,109     | 11,325 | 1,784 | 3,378    | 2,923 | 455   | 864       | 767 | 96    |
| 2001                    | 13,160     | 11,421 | 1,739 | 3,472    | 3,024 | 448   | 953       | 860 | 91    |
| 2002                    | 13,377     | 11,594 | 1,783 | 3,519    | 3,051 | 468   | 827       | 729 | 96    |
| 2003                    | 14,044     | 12,183 | 1,861 | 3,839    | 3,380 | 459   | 814       | 726 | 88    |
| 2004                    | 14,368     | 12,416 | 1,952 | 4,555    | 3,992 | 563   | 852       | 757 | 95    |
| 2005                    | 14,908     | 12,955 | 1,953 | 4,761    | 4,163 | 598   | 978       | 858 | 120   |
| 2006                    | 16,175     | 14,068 | 2,107 | 4,571    | 3,936 | 635   | 1,148     | 987 | 159   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 55. Other engineering degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |       |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|-------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men   | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 3,606      | 3,576 | 30    | 1,991    | 1,975 | 16    | 249       | 248 | 1     |
| 1967                    | 3,912      | 3,877 | 35    | 1,952    | 1,933 | 19    | 288       | 288 | 0     |
| 1968                    | 4,154      | 4,119 | 35    | 2,371    | 2,348 | 23    | 326       | 323 | 3     |
| 1969                    | 4,746      | 4,685 | 61    | 2,534    | 2,499 | 35    | 427       | 426 | 1     |
| 1970                    | 5,445      | 5,376 | 69    | 2,590    | 2,536 | 54    | 507       | 503 | 4     |
| 1971                    | 6,368      | 6,300 | 68    | 2,565    | 2,524 | 41    | 569       | 568 | 1     |
| 1972                    | 6,719      | 6,591 | 128   | 2,933    | 2,859 | 74    | 633       | 625 | 8     |
| 1973                    | 7,495      | 7,387 | 108   | 3,176    | 3,095 | 81    | 612       | 604 | 8     |
| 1974                    | 6,535      | 6,379 | 156   | 2,478    | 2,394 | 84    | 611       | 606 | 5     |
| 1975                    | 6,312      | 6,119 | 193   | 2,654    | 2,574 | 80    | 548       | 535 | 13    |
| 1976                    | 5,942      | 5,695 | 247   | 2,744    | 2,623 | 121   | 546       | 534 | 12    |
| 1977                    | 6,448      | 6,087 | 361   | 2,847    | 2,698 | 149   | 508       | 497 | 11    |
| 1978                    | 7,100      | 6,527 | 573   | 3,043    | 2,881 | 162   | 523       | 511 | 12    |
| 1979                    | 8,409      | 7,588 | 821   | 2,827    | 2,639 | 188   | 501       | 481 | 20    |
| 1980                    | 8,622      | 7,693 | 929   | 3,023    | 2,801 | 222   | 502       | 483 | 19    |
| 1981                    | 9,013      | 7,963 | 1,050 | 2,591    | 2,367 | 224   | 547       | 520 | 27    |
| 1982                    | 9,393      | 8,172 | 1,221 | 2,879    | 2,603 | 276   | 472       | 447 | 25    |
| 1983                    | 10,794     | 9,282 | 1,512 | 3,740    | 3,392 | 348   | 528       | 499 | 29    |
| 1984                    | 10,120     | 8,560 | 1,560 | 3,468    | 3,054 | 414   | 535       | 510 | 25    |
| 1985                    | 9,894      | 8,310 | 1,584 | 3,914    | 3,463 | 451   | 523       | 490 | 33    |
| 1986                    | 9,072      | 7,570 | 1,502 | 3,687    | 3,252 | 435   | 550       | 502 | 48    |
| 1987                    | 8,597      | 7,150 | 1,447 | 3,912    | 3,363 | 549   | 561       | 514 | 47    |
| 1988                    | 7,534      | 6,209 | 1,325 | 3,940    | 3,407 | 533   | 595       | 542 | 53    |
| 1989                    | 7,031      | 5,878 | 1,153 | 4,081    | 3,518 | 563   | 676       | 602 | 74    |
| 1990                    | 6,916      | 5,696 | 1,220 | 4,273    | 3,636 | 637   | 740       | 652 | 88    |
| 1991                    | 6,738      | 5,545 | 1,193 | 4,195    | 3,547 | 648   | 807       | 691 | 106   |
| 1992                    | 6,174      | 5,070 | 1,104 | 3,919    | 3,230 | 689   | 734       | 629 | 89    |
| 1993                    | 6,177      | 5,043 | 1,134 | 4,368    | 3,608 | 760   | 765       | 669 | 79    |
| 1994                    | 6,346      | 5,153 | 1,193 | 4,535    | 3,733 | 802   | 728       | 621 | 99    |
| 1995                    | 6,595      | 5,340 | 1,255 | 4,436    | 3,604 | 832   | 764       | 642 | 115   |
| 1996                    | 6,804      | 5,358 | 1,446 | 4,603    | 3,762 | 841   | 900       | 747 | 149   |
| 1997                    | 6,775      | 5,343 | 1,432 | 4,268    | 3,420 | 848   | 849       | 686 | 148   |
| 1998                    | 6,744      | 5,277 | 1,467 | 4,117    | 3,216 | 901   | 843       | 695 | 145   |
| 1999                    | NA         | NA    | NA    | NA       | NA    | NA    | 853       | 665 | 178   |
| 2000                    | 6,764      | 5,031 | 1,733 | 4,160    | 3,177 | 983   | 793       | 619 | 168   |
| 2001                    | 6,444      | 4,698 | 1,746 | 4,319    | 3,277 | 1,042 | 748       | 581 | 166   |
| 2002                    | 6,792      | 4,893 | 1,899 | 4,554    | 3,498 | 1,056 | 691       | 526 | 165   |
| 2003                    | 7,182      | 5,216 | 1,966 | 4,931    | 3,733 | 1,198 | 791       | 612 | 179   |
| 2004                    | 7,391      | 5,178 | 2,213 | 5,279    | 3,974 | 1,305 | 946       | 712 | 234   |
| 2005                    | 7,899      | 5,568 | 2,331 | 5,891    | 4,386 | 1,505 | 983       | 741 | 236   |
| 2006                    | 8,936      | 6,356 | 2,580 | 6,251    | 4,611 | 1,640 | 1,117     | 796 | 319   |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: See appendix B for specific fields that are included in this field of study. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 56. Engineering technology degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |       | Master's |       |       | Doctorate |     |       |
|-------------------------|------------|--------|-------|----------|-------|-------|-----------|-----|-------|
|                         | Total      | Men    | Women | Total    | Men   | Women | Total     | Men | Women |
| 1966                    | 2,357      | 2,334  | 23    | 44       | 42    | 2     | 11        | 11  | 0     |
| 1967                    | 2,741      | 2,714  | 27    | 107      | 106   | 1     | 5         | 5   | 0     |
| 1968                    | 3,173      | 3,151  | 22    | 65       | 65    | 0     | 1         | 1   | 0     |
| 1969                    | 4,284      | 4,263  | 21    | 156      | 156   | 0     | 32        | 32  | 0     |
| 1970                    | 5,228      | 5,175  | 53    | 158      | 151   | 7     | 27        | 26  | 1     |
| 1971                    | 5,626      | 5,436  | 190   | 220      | 190   | 30    | 1         | 1   | 0     |
| 1972                    | 6,252      | 6,065  | 187   | 394      | 337   | 57    | 21        | 21  | 0     |
| 1973                    | 5,212      | 5,061  | 151   | 220      | 177   | 43    | 19        | 19  | 0     |
| 1974                    | 8,302      | 7,935  | 367   | 346      | 286   | 60    | 11        | 11  | 0     |
| 1975                    | 8,589      | 8,054  | 535   | 371      | 281   | 90    | 5         | 3   | 2     |
| 1976                    | 9,180      | 8,656  | 524   | 493      | 424   | 69    | 10        | 9   | 1     |
| 1977                    | 9,864      | 9,173  | 691   | 505      | 389   | 116   | 12        | 9   | 3     |
| 1978                    | 10,314     | 9,495  | 819   | 579      | 480   | 99    | 15        | 13  | 2     |
| 1979                    | 10,906     | 9,942  | 964   | 496      | 371   | 125   | 16        | 14  | 2     |
| 1980                    | 12,180     | 10,930 | 1,250 | 510      | 424   | 86    | 16        | 14  | 2     |
| 1981                    | 13,567     | 12,034 | 1,533 | 532      | 380   | 152   | 21        | 19  | 2     |
| 1982                    | 14,778     | 13,079 | 1,699 | 636      | 486   | 150   | 33        | 25  | 8     |
| 1983                    | 18,602     | 16,473 | 2,129 | 622      | 519   | 103   | 18        | 15  | 3     |
| 1984                    | 20,181     | 18,012 | 2,169 | 694      | 580   | 114   | 6         | 5   | 1     |
| 1985                    | 20,476     | 18,224 | 2,252 | 816      | 674   | 142   | 15        | 13  | 2     |
| 1986                    | 20,900     | 18,706 | 2,194 | 925      | 710   | 215   | 21        | 14  | 7     |
| 1987                    | 20,577     | 18,429 | 2,148 | 883      | 678   | 205   | 13        | 10  | 3     |
| 1988                    | 20,447     | 18,337 | 2,110 | 980      | 738   | 242   | 14        | 12  | 2     |
| 1989                    | 20,098     | 17,999 | 2,099 | 1,135    | 892   | 243   | 18        | 14  | 4     |
| 1990                    | 19,150     | 17,113 | 2,037 | 1,194    | 888   | 306   | 18        | 15  | 3     |
| 1991                    | 18,294     | 16,329 | 1,965 | 1,188    | 888   | 300   | 25        | 20  | 5     |
| 1992                    | 17,118     | 15,314 | 1,804 | 1,278    | 971   | 307   | 14        | 12  | 2     |
| 1993                    | 17,022     | 15,114 | 1,908 | 1,555    | 1,172 | 383   | 28        | 21  | 7     |
| 1994                    | 16,703     | 14,877 | 1,826 | 1,547    | 1,164 | 383   | 24        | 18  | 6     |
| 1995                    | 16,607     | 14,704 | 1,903 | 1,577    | 1,136 | 441   | 19        | 16  | 3     |
| 1996                    | 16,228     | 14,382 | 1,846 | 1,651    | 1,179 | 472   | 18        | 16  | 2     |
| 1997                    | 14,631     | 12,925 | 1,706 | 1,414    | 1,012 | 402   | 13        | 11  | 2     |
| 1998                    | 14,825     | 12,993 | 1,832 | 1,700    | 1,158 | 542   | 19        | 17  | 2     |
| 1999                    | NA         | NA     | NA    | NA       | NA    | NA    | NA        | NA  | NA    |
| 2000                    | 15,238     | 13,291 | 1,947 | 1,350    | 902   | 448   | 16        | 11  | 5     |
| 2001                    | 15,127     | 13,072 | 2,055 | 1,381    | 874   | 507   | 21        | 17  | 4     |
| 2002                    | 15,406     | 13,267 | 2,139 | 1,444    | 941   | 503   | 24        | 11  | 13    |
| 2003                    | 15,336     | 13,050 | 2,286 | 1,471    | 1,009 | 462   | 16        | 12  | 4     |
| 2004                    | 15,119     | 13,003 | 2,116 | 1,470    | 976   | 494   | 22        | 17  | 5     |
| 2005                    | 15,247     | 13,096 | 2,151 | 1,447    | 995   | 452   | 15        | 8   | 7     |
| 2006                    | 14,794     | 12,816 | 1,978 | 1,481    | 1,014 | 467   | 30        | 18  | 12    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Engineering technology is defined as instructional programs that prepare individuals to support and assist engineering and related professionals or to independently provide such services. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences. Detail may not sum to total because of missing information on sex for some recipients.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 57. Health field degrees awarded, by degree level and sex of recipient: 1966–2006

| Academic<br>year ending | Bachelor's |        |        | Master's |       |        | Doctorate |     |       |
|-------------------------|------------|--------|--------|----------|-------|--------|-----------|-----|-------|
|                         | Total      | Men    | Women  | Total    | Men   | Women  | Total     | Men | Women |
| 1966                    | 18,373     | 6,709  | 11,664 | 2,862    | 1,615 | 1,247  | 174       | 155 | 19    |
| 1967                    | 19,268     | 6,898  | 12,370 | 3,437    | 1,789 | 1,648  | 177       | 160 | 17    |
| 1968                    | 20,624     | 6,986  | 13,638 | 3,749    | 1,879 | 1,870  | 196       | 169 | 27    |
| 1969                    | 22,856     | 7,349  | 15,507 | 4,082    | 2,023 | 2,059  | 297       | 253 | 44    |
| 1970                    | 24,871     | 7,878  | 16,993 | 4,640    | 2,216 | 2,424  | 414       | 343 | 71    |
| 1971                    | 21,662     | 5,297  | 16,365 | 5,465    | 2,419 | 3,046  | 541       | 438 | 103   |
| 1972                    | 24,713     | 6,394  | 18,319 | 6,871    | 2,993 | 3,878  | 467       | 370 | 97    |
| 1973                    | 29,175     | 7,022  | 22,153 | 7,861    | 3,314 | 4,547  | 486       | 359 | 127   |
| 1974                    | 35,885     | 8,314  | 27,571 | 9,000    | 3,476 | 5,524  | 476       | 355 | 121   |
| 1975                    | 42,865     | 9,672  | 33,193 | 9,793    | 3,633 | 6,160  | 462       | 319 | 143   |
| 1976                    | 47,312     | 10,200 | 37,112 | 11,700   | 3,839 | 7,861  | 503       | 347 | 156   |
| 1977                    | 50,752     | 10,691 | 40,061 | 11,964   | 3,751 | 8,213  | 511       | 332 | 179   |
| 1978                    | 52,829     | 10,329 | 42,500 | 13,361   | 3,863 | 9,498  | 512       | 316 | 196   |
| 1979                    | 55,484     | 9,890  | 45,594 | 14,546   | 4,076 | 10,470 | 568       | 339 | 229   |
| 1980                    | 57,402     | 10,140 | 47,262 | 14,863   | 4,036 | 10,827 | 586       | 334 | 252   |
| 1981                    | 57,762     | 9,466  | 48,296 | 15,829   | 4,059 | 11,770 | 657       | 356 | 301   |
| 1982                    | 57,997     | 9,105  | 48,892 | 15,783   | 3,754 | 12,029 | 686       | 362 | 324   |
| 1983                    | 55,662     | 8,365  | 47,297 | 14,056   | 3,230 | 10,826 | 639       | 302 | 337   |
| 1984                    | 55,398     | 8,153  | 47,245 | 14,334   | 3,173 | 11,161 | 722       | 306 | 416   |
| 1985                    | 55,351     | 7,892  | 47,459 | 14,346   | 3,139 | 11,207 | 729       | 289 | 440   |
| 1986                    | 56,297     | 7,923  | 48,374 | 15,529   | 3,469 | 12,060 | 769       | 290 | 479   |
| 1987                    | 55,658     | 7,479  | 48,179 | 15,236   | 2,979 | 12,257 | 800       | 325 | 475   |
| 1988                    | 53,552     | 7,333  | 46,219 | 15,767   | 3,180 | 12,587 | 882       | 333 | 549   |
| 1989                    | 52,485     | 7,392  | 45,093 | 16,041   | 3,233 | 12,808 | 974       | 345 | 629   |
| 1990                    | 52,271     | 7,675  | 44,596 | 16,960   | 3,491 | 13,469 | 956       | 364 | 592   |
| 1991                    | 52,784     | 7,995  | 44,789 | 17,671   | 3,393 | 14,278 | 1,041     | 369 | 668   |
| 1992                    | 56,047     | 8,607  | 47,440 | 21,053   | 4,094 | 16,959 | 1,112     | 394 | 710   |
| 1993                    | 60,699     | 9,671  | 51,028 | 23,646   | 4,639 | 19,007 | 1,197     | 408 | 777   |
| 1994                    | 67,359     | 11,049 | 56,310 | 25,868   | 5,192 | 20,676 | 1,296     | 444 | 843   |
| 1995                    | 72,326     | 12,499 | 59,827 | 28,716   | 6,027 | 22,689 | 1,329     | 477 | 843   |
| 1996                    | 76,267     | 13,467 | 62,800 | 30,990   | 6,399 | 24,591 | 1,324     | 456 | 860   |
| 1997                    | 77,769     | 13,940 | 63,829 | 33,177   | 6,882 | 26,295 | 1,421     | 469 | 936   |
| 1998                    | 76,959     | 13,378 | 63,581 | 35,894   | 7,611 | 28,283 | 1,499     | 489 | 1,005 |
| 1999                    | NA         | NA     | NA     | NA       | NA    | NA     | 1,407     | 499 | 899   |
| 2000                    | 71,584     | 11,480 | 60,104 | 37,887   | 8,215 | 29,672 | 1,591     | 522 | 1,066 |
| 2001                    | 66,751     | 10,719 | 56,032 | 38,588   | 8,373 | 30,215 | 1,541     | 542 | 989   |
| 2002                    | 64,533     | 9,625  | 54,908 | 37,863   | 8,061 | 29,802 | 1,654     | 526 | 1,126 |
| 2003                    | 63,423     | 9,126  | 54,297 | 35,714   | 7,517 | 28,197 | 1,633     | 544 | 1,089 |
| 2004                    | 67,641     | 9,642  | 57,999 | 37,420   | 7,816 | 29,604 | 1,720     | 541 | 1,179 |
| 2005                    | 73,415     | 10,203 | 63,212 | 38,860   | 7,912 | 30,948 | 1,785     | 566 | 1,216 |
| 2006                    | 83,500     | 12,255 | 71,245 | 42,301   | 8,511 | 33,790 | 1,906     | 617 | 1,284 |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: Health fields include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine. Detail may not sum to total because of missing information on sex for some recipients.

SOURCES: Tabulated by National Science Foundation/Division of Science Resources Statistics (NSF/SRS); data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey and NSF/SRS: Survey of Earned Doctorates.

TABLE 58. First professional degrees awarded, by sex of recipient: 1966–2006

| Academic year ending | Total  | Men    | Women  | % women |
|----------------------|--------|--------|--------|---------|
| 1966                 | 31,496 | 30,071 | 1,425  | 4.5     |
| 1967                 | 32,493 | 31,064 | 1,429  | 4.4     |
| 1968                 | 34,728 | 33,083 | 1,645  | 4.7     |
| 1969                 | 35,681 | 34,069 | 1,612  | 4.5     |
| 1970                 | 35,252 | 33,344 | 1,908  | 5.4     |
| 1971                 | 38,276 | 35,797 | 2,479  | 6.5     |
| 1972                 | 43,774 | 41,021 | 2,753  | 6.3     |
| 1973                 | 50,435 | 46,827 | 3,608  | 7.2     |
| 1974                 | 54,278 | 48,904 | 5,374  | 9.9     |
| 1975                 | 56,259 | 49,230 | 7,029  | 12.5    |
| 1976                 | 63,061 | 53,210 | 9,851  | 15.6    |
| 1977                 | 64,780 | 52,668 | 12,112 | 18.7    |
| 1978                 | 66,964 | 52,553 | 14,411 | 21.5    |
| 1979                 | 69,222 | 52,909 | 16,313 | 23.6    |
| 1980                 | 70,526 | 52,988 | 17,538 | 24.9    |
| 1981                 | 72,369 | 53,070 | 19,299 | 26.7    |
| 1982                 | 72,554 | 52,551 | 20,003 | 27.6    |
| 1983                 | 73,569 | 51,591 | 21,978 | 29.9    |
| 1984                 | 74,900 | 51,644 | 23,256 | 31.0    |
| 1985                 | 75,562 | 50,780 | 24,782 | 32.8    |
| 1986                 | 74,581 | 49,661 | 24,920 | 33.4    |
| 1987                 | 72,120 | 46,841 | 25,279 | 35.1    |
| 1988                 | 71,144 | 45,716 | 25,428 | 35.7    |
| 1989                 | 71,318 | 45,399 | 25,919 | 36.3    |
| 1990                 | 71,551 | 44,309 | 27,242 | 38.1    |
| 1991                 | 72,636 | 44,226 | 28,410 | 39.1    |
| 1992                 | 74,801 | 45,459 | 29,342 | 39.2    |
| 1993                 | 76,068 | 45,565 | 30,503 | 40.1    |
| 1994                 | 76,000 | 45,068 | 30,932 | 40.7    |
| 1995                 | 76,457 | 45,193 | 31,264 | 40.9    |
| 1996                 | 77,505 | 45,182 | 32,323 | 41.7    |
| 1997                 | 79,169 | 45,747 | 33,422 | 42.2    |
| 1998                 | 78,945 | 45,033 | 33,912 | 43.0    |
| 1999                 | NA     | NA     | NA     | NA      |
| 2000                 | 79,578 | 43,976 | 35,602 | 44.7    |
| 2001                 | 80,054 | 43,036 | 37,018 | 46.2    |
| 2002                 | 81,161 | 42,931 | 38,230 | 47.1    |
| 2003                 | 81,214 | 42,174 | 39,040 | 48.1    |
| 2004                 | 83,552 | 42,654 | 40,898 | 48.9    |
| 2005                 | 87,115 | 43,836 | 43,279 | 49.7    |
| 2006                 | 87,188 | 43,900 | 43,288 | 49.6    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. First professional degrees include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, divinity/ministry, and rabbinical and Talmudic studies.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 59. First professional degrees awarded in health fields, by sex of recipient: 1966–2006

| Academic year ending | Total  | Men    | Women  | % women |
|----------------------|--------|--------|--------|---------|
| 1966                 | 13,291 | 12,599 | 692    | 5.2     |
| 1967                 | 13,373 | 12,639 | 734    | 5.5     |
| 1968                 | 13,815 | 12,974 | 841    | 6.1     |
| 1969                 | 13,759 | 13,018 | 741    | 5.4     |
| 1970                 | 14,454 | 13,578 | 876    | 6.1     |
| 1971                 | 15,258 | 14,256 | 1,002  | 6.6     |
| 1972                 | 15,905 | 14,864 | 1,041  | 6.5     |
| 1973                 | 17,355 | 16,189 | 1,166  | 6.7     |
| 1974                 | 19,156 | 17,577 | 1,579  | 8.2     |
| 1975                 | 20,582 | 18,475 | 2,107  | 10.2    |
| 1976                 | 24,787 | 21,639 | 3,148  | 12.7    |
| 1977                 | 24,533 | 20,731 | 3,802  | 15.5    |
| 1978                 | 25,981 | 21,286 | 4,695  | 18.1    |
| 1979                 | 27,228 | 21,865 | 5,363  | 19.7    |
| 1980                 | 27,576 | 21,841 | 5,735  | 20.8    |
| 1981                 | 28,971 | 22,456 | 6,515  | 22.5    |
| 1982                 | 29,494 | 22,657 | 6,837  | 23.2    |
| 1983                 | 30,087 | 22,562 | 7,525  | 25.0    |
| 1984                 | 30,785 | 22,452 | 8,333  | 27.1    |
| 1985                 | 30,601 | 21,675 | 8,926  | 29.2    |
| 1986                 | 31,051 | 21,696 | 9,355  | 30.1    |
| 1987                 | 29,400 | 20,011 | 9,389  | 31.9    |
| 1988                 | 28,833 | 19,304 | 9,529  | 33.0    |
| 1989                 | 29,518 | 19,596 | 9,922  | 33.6    |
| 1990                 | 28,787 | 18,562 | 10,225 | 35.5    |
| 1991                 | 28,183 | 17,777 | 10,406 | 36.9    |
| 1992                 | 28,303 | 17,694 | 10,609 | 37.5    |
| 1993                 | 29,475 | 17,704 | 11,771 | 39.9    |
| 1994                 | 29,680 | 17,565 | 12,115 | 40.8    |
| 1995                 | 30,757 | 17,975 | 12,782 | 41.6    |
| 1996                 | 31,250 | 17,927 | 13,323 | 42.6    |
| 1997                 | 32,114 | 18,308 | 13,806 | 43.0    |
| 1998                 | 33,566 | 18,784 | 14,782 | 44.0    |
| 1999                 | NA     | NA     | NA     | NA      |
| 2000                 | 35,772 | 19,260 | 16,512 | 46.2    |
| 2001                 | 36,634 | 19,340 | 17,294 | 47.2    |
| 2002                 | 36,441 | 18,712 | 17,729 | 48.7    |
| 2003                 | 36,295 | 18,352 | 17,943 | 49.4    |
| 2004                 | 37,356 | 18,245 | 19,111 | 51.2    |
| 2005                 | 37,964 | 17,792 | 20,172 | 53.1    |
| 2006                 | 38,169 | 17,475 | 20,694 | 54.2    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. Health fields include chiropractic, dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

TABLE 60. First professional degrees awarded in non-health fields, by sex of recipient: 1966–2006

| Academic year ending | Total  | Men    | Women  | % women |
|----------------------|--------|--------|--------|---------|
| 1966                 | 18,205 | 17,472 | 733    | 4.0     |
| 1967                 | 19,120 | 18,425 | 695    | 3.6     |
| 1968                 | 20,913 | 20,109 | 804    | 3.8     |
| 1969                 | 21,922 | 21,051 | 871    | 4.0     |
| 1970                 | 20,798 | 19,766 | 1,032  | 5.0     |
| 1971                 | 23,018 | 21,541 | 1,477  | 6.4     |
| 1972                 | 27,869 | 26,157 | 1,712  | 6.1     |
| 1973                 | 33,080 | 30,638 | 2,442  | 7.4     |
| 1974                 | 35,122 | 31,327 | 3,795  | 10.8    |
| 1975                 | 35,677 | 30,755 | 4,922  | 13.8    |
| 1976                 | 38,274 | 31,571 | 6,703  | 17.5    |
| 1977                 | 40,247 | 31,937 | 8,310  | 20.6    |
| 1978                 | 40,983 | 31,267 | 9,716  | 23.7    |
| 1979                 | 41,994 | 31,044 | 10,950 | 26.1    |
| 1980                 | 42,950 | 31,147 | 11,803 | 27.5    |
| 1981                 | 43,398 | 30,614 | 12,784 | 29.5    |
| 1982                 | 43,060 | 29,894 | 13,166 | 30.6    |
| 1983                 | 43,482 | 29,029 | 14,453 | 33.2    |
| 1984                 | 44,115 | 29,192 | 14,923 | 33.8    |
| 1985                 | 44,961 | 29,105 | 15,856 | 35.3    |
| 1986                 | 43,530 | 27,965 | 15,565 | 35.8    |
| 1987                 | 42,720 | 26,830 | 15,890 | 37.2    |
| 1988                 | 42,311 | 26,412 | 15,899 | 37.6    |
| 1989                 | 41,800 | 25,803 | 15,997 | 38.3    |
| 1990                 | 42,764 | 25,747 | 17,017 | 39.8    |
| 1991                 | 44,453 | 26,449 | 18,004 | 40.5    |
| 1992                 | 46,498 | 27,765 | 18,733 | 40.3    |
| 1993                 | 46,593 | 27,861 | 18,732 | 40.2    |
| 1994                 | 46,320 | 27,503 | 18,817 | 40.6    |
| 1995                 | 45,700 | 27,218 | 18,482 | 40.4    |
| 1996                 | 46,255 | 27,255 | 19,000 | 41.1    |
| 1997                 | 47,055 | 27,439 | 19,616 | 41.7    |
| 1998                 | 45,379 | 26,249 | 19,130 | 42.2    |
| 1999                 | NA     | NA     | NA     | NA      |
| 2000                 | 43,806 | 24,716 | 19,090 | 43.6    |
| 2001                 | 43,420 | 23,696 | 19,724 | 45.4    |
| 2002                 | 44,720 | 24,219 | 20,501 | 45.8    |
| 2003                 | 44,919 | 23,822 | 21,097 | 47.0    |
| 2004                 | 46,196 | 24,409 | 21,787 | 47.2    |
| 2005                 | 49,151 | 26,044 | 23,107 | 47.0    |
| 2006                 | 49,019 | 26,425 | 22,594 | 46.1    |

NA = not available; detailed national data were not released by the National Center for Education Statistics for the academic year ending in 1999.

NOTES: First professional degrees are defined as those that require at least 6 years of college work for completion and 2 years of preprofessional training. Non-health fields include law, divinity/ministry, and rabbinical and Talmudic studies.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from Department of Education/National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.

## Appendix A. Technical Notes

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### Bachelor's and Master's Degree Data

Data from the Integrated Postsecondary Education Data System (IPEDS) Completions Survey were used to report numbers of bachelor's and master's degrees. The Completions Survey, conducted by The National Center for Education Statistics (NCES), U.S. Department of Education, collects data annually on all degrees conferred between 1 July of one year and 30 June of the next year from the universe of accredited institutions of higher education in the 50 states, the District of Columbia, and the U.S. territories and outlying areas (American Samoa, the former Canal Zone, the Northern Mariana Islands, Puerto Rico, the U.S. Virgin Islands, and the Trust Territory of the Pacific Islands). Institutional representatives submit data to the IPEDS online collection system. The survey is mandatory for all institutions that participate in or are applicants for participation in any federal financial assistance program authorized by Title IV of the Higher Education Act of 1965, as amended. Data are collected according to sex of recipient and field of study. For more information on IPEDS, see <http://nces.ed.gov/IPEDS/about/>.

In 2006 the universe of institutions granting degrees at the level of bachelor's or higher was 2,690. Each year between 1966 and 2006, institutional response rates to the survey have exceeded 99%. Imputations for nonresponse were based on the previous year's response for an institution. For bachelor's and master's degree data, the percentage of degrees imputed rounds to zero.

Because the data in this report include those for institutions in the U.S. territories, they may differ from numbers published by NCES that relate to the 50 states and the District of Columbia and their field groupings. Data on degrees by field of study were collected according to the NCES *Classification of Instructional Programs* (CIP) (see appendix B). Information on the CIP is available at <http://nces.ed.gov/pubs2002/cip2000/>.

### Doctoral Degree Data

Data on doctoral degrees were derived from the Survey of Earned Doctorates (SED), funded jointly by the National Science Foundation (NSF), the National Institutes of Health, the U.S. Department of Education, the U.S. Department of Agriculture, the National Aeronautics and Space Administration, and the National Endowment for the Humanities.

The SED is a voluntary survey that collects information annually for the period of 1 July of one year through 30 June of the next from all persons who have fulfilled the requirements for a research doctorate at a U.S. institution.[1] SED data were preferred over Completions Survey data for doctoral degrees because data provided by individuals are more specific with respect to the field of specialization and are less prone to errors in data reporting and data entry than are data provided in aggregates by institutions. Furthermore, self-reported data provide almost complete coverage for data by field and sex of individual recipients, whereas institutional data are subject to imputation for nonresponse.

The survey forms are sent to all accredited U.S. doctorate-granting institutions for distribution by the graduate deans to all research doctorate recipients as they complete degree requirements. The survey collects demographic data, such as the student's sex, citizenship, and racial/ethnic group; educational history, including field of degree; sources of graduate student support; employment status during the year preceding receipt of the doctorate; postgraduation plans; and background on parents' education.

Approximately 92% of doctorate recipients complete and return the survey forms. For nonrespondents, commencement programs, graduation lists, and other similar public records allow construction of partial records, limited to field of study, year of doctorate, doctoral institution, and sex, which are added to the data file. Consequently, for the variables used in this report, there is almost complete coverage. Data are updated annually from completed



survey forms submitted belatedly by previous nonrespondents; therefore, data on doctorates are subject to revision and may differ slightly from reports published earlier. For more information on the SED, see <http://www.nsf.gov/statistics/doctorates/>.

### **Field Classification Schemes**

Four field classification systems were used during the 1966–2006 period covered by this report. The current classification scheme for the CIP is used for the Completions Survey; it and corresponding fields for the SED are provided in appendix B, "Classification of Programs." Data for earlier years are presented as consistently as possible with the current classification schemes.

Note that the data in this report are grouped into the science and engineering categories used by NSF. Data on engineering technology degrees and degrees in health/medical fields are not included in the science and engineering totals here. Therefore, data in this report may differ from those in reports published by the U.S. Department of Education. However, separate tables containing engineering technology, health medical fields, as well as first professional degrees, are included in this report.

### **Notes**

[1] A research doctorate is defined by the SED as (1) making an original contribution of knowledge to a field (typically by means of a dissertation) based on research; and (2) not primarily intended for the practice of a profession. Doctoral degrees such as the PhD, DSc, and research EdD are covered by this survey; professional degrees (e.g., MD, DDS, DVM, JD, PsyD, and DMin) are not.

# Appendix B. Classification of Programs

TABLE B-1. Fields of study classification

| IPEDS Completion Survey              |  | Survey of Earned Doctorates          |  |
|--------------------------------------|--|--------------------------------------|--|
| Science and engineering              |  | Science and engineering              |  |
| Biological and agricultural sciences |  | Biological and agricultural sciences |  |
| Agricultural sciences                |  | Agricultural sciences                |  |
| 01.05                                | Taxidermy/taxidermists                           | 005                                  | Animal breeding/genetics                           |
| 01.08                                | Agriculture extension/communications             | 007                                  | Animal husbandry                                   |
| 01.09                                | Animal sciences                                  | 010                                  | Animal nutrition                                   |
| 01.10                                | Food sciences/technology                         | 012                                  | Dairy science                                      |
| 01.11                                | Plant sciences                                   | 014                                  | Poultry science                                    |
| 01.12                                | Soil sciences                                    | 019                                  | Animal sciences, other                             |
| 01.99                                | Agriculture/agricultural sciences, other         | 020                                  | Agronomy/crop science                              |
| 03.01                                | Natural resources conservation                   | 025                                  | Agricultural/horticultural plant breeding/genetics |
| 03.02                                | Natural resources management/protective services | 030                                  | Plant pathology/phytopathology                     |
| 03.03                                | Fishing and fisheries sciences/management        | 032                                  | Plant protection/pest management                   |
| 03.05                                | Forestry/forest management                       | 039                                  | Plant sciences, other                              |
| 03.06                                | Wildlife/wildlands management                    | 040                                  | Food sciences                                      |
| 03.99                                | Natural resources conservation, other            | 042                                  | Food distribution                                  |
| 26.0707                              | Agricultural animal physiology                   | 043                                  | Food science                                       |
|                                      |  | 044                                  | Food sciences/technology, other                    |
|                                      |  | 045                                  | Soil sciences                                      |
|                                      |  | 046                                  | Soil chemistry/microbiology                        |
|                                      |  | 049                                  | Soil sciences, other                               |
|                                      |  | 050                                  | Horticulture science                               |
|                                      |  | 054                                  | Fish and wildlife                                  |
|                                      |  | 055                                  | Fishing and fisheries sciences/management          |
|                                      |  | 060                                  | Wildlife management                                |
|                                      |  | 065                                  | Forestry science                                   |
|                                      |  | 066                                  | Forest sciences/biology                            |
|                                      |  | 068                                  | Forest engineering                                 |
|                                      |  | 070                                  | Forest management/resources                        |
|                                      |  | 072                                  | Wood science and pulp/paper technology             |
|                                      |  | 074                                  | Natural resources conservation, other              |
|                                      |  | 079                                  | Forestry and related sciences, other               |
|                                      |  | 080                                  | Wildlife/range management                          |
|                                      |  | 081                                  | Environmental science                              |
|                                      |  | 098                                  | Agricultural science, general                      |
|                                      |  | 099                                  | Agricultural science, other                        |
|                                      |  | 580                                  | Environmental science                              |
| Biological Sciences                  |  | Biological Sciences                  |  |
| 19.0505                              | Food systems administration                      | 100                                  | Biochemistry                                       |
| 26.01                                | Biology, general                                 | 103                                  | Biomedical sciences                                |
| 26.0202                              | Biochemistry                                     | 105                                  | Biophysics   |
| 26.0203                              | Biophysics                                       | 107                                  | Biotechnology research                             |
| 26.0204                              | Molecular biology                                | 110                                  | Bacteriology                                       |
| 26.0209                              | Radiation biology/radiobiology                   | 115                                  | Plant genetics                                     |
| 26.03                                | Botany/plant biology                             | 120                                  | Plant pathology/phytopathology                     |
| 26.0401                              | Cell/cellular biology and histology              | 125                                  | Plant physiology                                   |
| 26.0403                              | Anatomy  | 129                                  | Botany/plant biology                               |
| 26.0405                              | Neurosciences                                    | 130                                  | Anatomy  |
| 26.05                                | Microbiology/bacteriology                        | 133                                  | Biometrics/biostatistics                           |
| 26.0503                              | Medical microbiology/bacteriology                | 136                                  | Cell/cellular biology and histology                |
| 26.0504                              | Virology   | 139                                  | Ecology  |
| 26.0505                              | Parasitology                                     | 140                                  | Hydrology  |
| 26.0599                              | Immunology                                       | 142                                  | Developmental biology/embryology                   |
| 26.07                                | Zoology  | 145                                  | Endocrinology                                      |
| 26.08                                | Genetics, plant/animal                           | 148                                  | Entomology   |
| 26.09                                | Medical neurobiology                             | 151                                  | Biological immunology                              |
| 26.0910                              | Pathology  | 154                                  | Molecular biology                                  |
| 26.10                                | Pharmacology/toxicology                          | 156                                  | Microbiology/bacteriology                          |
| 26.1101                              | Biometrics                                       | 157                                  | Microbiology                                       |
| 26.1102                              | Biostatistics                                    | 160                                  | Neuroscience                                       |
| 26.12                                | Biotechnology research                           | 163                                  | Nutritional sciences                               |
| 26.13                                | Ecology  | 166                                  | Parasitology                                       |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey                |   | Survey of Earned Doctorates            |  |
|--|---|--|--|
| Biological Sciences, continued         |   | Biological Sciences, continued         |  |
| 26.1302                                | Marine/aquatic biology                                  | 169                                    | Toxicology                               |
| 26.1303                                | Evolutionary biology                                    | 170                                    | Genetics, human/animal                   |
| 26.99                                  | Biological sciences/life sciences, other                | 171                                    | Genetics                                 |
| 30.10                                  | Biopsychology   | 175                                    | Pathology, human/animal                  |
| 30.19                                  | Nutritional sciences                                    | 180                                    | Pharmacology, human/animal               |
| 30.24                                  | Neuroscience  | 185                                    | Physiology, human/animal                 |
|  |   | 186                                    | Animal/plant physiology                  |
|  |   | 189                                    | Zoology, other                           |
|  |   | 198                                    | Biology/biological sciences, general     |
|  |   | 199                                    | Biology/biomedical sciences, other       |
| Computer sciences                      |   | Computer sciences                      |  |
| 11.01                                  | Computer/information sciences, general                  | 400                                    | Computer science                         |
| 11.02                                  | Computer programming                                    | 410                                    | Information science/systems              |
| 11.03                                  | Data processing technology/technician                   | 419                                    | Computer/information science, other      |
| 11.04                                  | Information sciences/systems                            |  |  |
| 11.05                                  | Computer systems analysis                               |  |  |
| 11.07                                  | Computer science  |  |  |
| 11.08                                  | Web page design, computer graphics, database management |  |  |
| 11.09                                  | Computer systems networking and telecommunications      |  |  |
| 11.10                                  | System administration, networking, management           |  |  |
| 11.99                                  | Computer/information sciences, other                    |  |  |
| Earth, atmospheric, and ocean sciences |   | Earth, atmospheric, and ocean sciences |  |
| Atmospheric sciences                   |   | Atmospheric sciences                   |  |
| 40.0401                                | Atmospheric sciences/meteorology, general               | 510                                    | Atmospheric chemistry/climatology        |
| 40.0402                                | Atmospheric chemistry/climatology                       | 512                                    | Atmospheric physics/dynamics             |
| 40.0403                                | Atmospheric physics/dynamics                            | 514                                    | Meteorology                              |
| 40.0404                                | Meteorology   | 518                                    | Atmospheric science/meteorology, general |
| 40.0499                                | Atmospheric science/meteorology, other                  | 519                                    | Atmospheric science/meteorology, other   |
| Earth sciences                         |   | Earth sciences                         |  |
| 40.0601                                | Geology   | 540                                    | Geology                                  |
| 40.0602                                | Geochemistry  | 542                                    | Geochemistry                             |
| 40.0603                                | Geophysics/seismology                                   | 544                                    | Geophysics/seismology                    |
| 40.0604                                | Paleontology  | 545                                    | Geophysics (solid earth)                 |
| 40.0605                                | Hydrology/water resources sciences                      | 546                                    | Paleontology                             |
| 40.0606                                | Geochemistry/petrology                                  | 548                                    | Mineralogy/petrology                     |
| 40.0699                                | Geological and related sciences, other                  | 549                                    | Mineralogy, petrology, geochemistry      |
|  |   | 550                                    | Stratigraphy/sedimentation               |
|  |   | 552                                    | Geomorphology/glacial geology            |
|  |   | 554                                    | Applied geology                          |
|  |   | 555                                    | Applied geology/geological engineering   |
|  |   | 558                                    | Geological/earth sciences, general       |
|  |   | 559                                    | Geological/earth sciences, other         |
|  |   | 585                                    | Hydrology/water resources                |
| Oceanography                           |   | Oceanography                           |  |
| 40.0607                                | Oceanography  | 590                                    | Oceanography                             |
|  |   | 595                                    | Marine sciences                          |
|  |   | 599                                    | Ocean/marine sciences, other             |
| Mathematics                            |   | Mathematics                            |  |
| 27.01                                  | Mathematics, general                                    | 420                                    | Applied mathematics                      |
| 27.03                                  | Applied mathematics                                     | 425                                    | Algebra                                  |
| 27.05                                  | Mathematical statistics                                 | 430                                    | Analysis/functional analysis             |
| 27.99                                  | Mathematics/statistics, other                           | 435                                    | Geometry/geometric analysis              |
| 52.1302                                | Business statistics                                     | 440                                    | Logic                                    |
| 52.1304                                | Actuarial science                                       | 445                                    | Number theory                            |
|  |   | 450                                    | Mathematical statistics                  |
|  |   | 455                                    | Topology                                 |
|  |   | 460                                    | Computing theory/practice                |
|  |   | 465                                    | Operations research                      |
|  |   | 498                                    | Mathematics/statistics, general          |
|  |   | 499                                    | Mathematics/statistics, other            |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey |  | Survey of Earned Doctorates |   |
|-------------------------|--|-----------------------------|---|
| Physical sciences       |  | Physical sciences           |   |
| Astronomy               |  | Astronomy                   |   |
| 40.0201                 | Astronomy                              | 500                         | Astronomy   |
| 40.0202                 | Astrophysics                           | 505                         | Astrophysics  |
| 40.0299                 | Astronomy/astrophysics, other          | 506                         | Astronomy/astrophysics                              |
| Chemistry               |  | Chemistry                   |   |
| 40.0501                 | Chemistry, general                     | 520                         | Analytical chemistry                                |
| 40.0502                 | Analytical chemistry                   | 521                         | Agricultural/food chemistry                         |
| 40.0503                 | Inorganic chemistry                    | 522                         | Inorganic chemistry                                 |
| 40.0504                 | Organic chemistry                      | 524                         | Nuclear chemistry                                   |
| 40.0506                 | Physical/theoretical chemistry         | 526                         | Organic chemistry                                   |
| 40.0507                 | Polymer chemistry                      | 528                         | Medicinal/pharmaceutical chemistry                  |
| 40.0508                 | Chemical physics                       | 530                         | Physical chemistry                                  |
| 40.0599                 | Chemistry, other                       | 532                         | Polymer chemistry                                   |
| 51.2004                 | Medicinal/pharmaceutical chemistry     | 534                         | Theoretical chemistry                               |
|                         |  | 538                         | Chemistry, general                                  |
|                         |  | 539                         | Chemistry, other                                    |
| Physics                 |  | Physics                     |   |
| 40.0801                 | Physics, general                       | 560                         | Acoustics   |
| 40.0802                 | Chemical and atomic/molecular physics  | 561                         | Chemical and atomic/molecular physics               |
| 40.0804                 | Elementary particle physics            | 562                         | Electron physics                                    |
| 40.0805                 | Plasma/high-temperature physics        | 563                         | Electromagnetism                                    |
| 40.0806                 | Nuclear physics                        | 564                         | Elementary particle physics                         |
| 40.0807                 | Optics/optical sciences                | 565                         | Biophysics  |
| 40.0808                 | Solid state/low-temperature physics    | 566                         | Fluids  |
| 40.0809                 | Acoustics                              | 567                         | Mechanics   |
| 40.0810                 | Theoretical/mathematical physics       | 568                         | Nuclear physics                                     |
| 40.0899                 | Physics, other                         | 569                         | Optics/photonics                                    |
|                         |  | 570                         | Plasma/high-temperature physics                     |
|                         |  | 572                         | Polymer physics                                     |
|                         |  | 573                         | Thermal physics                                     |
|                         |  | 574                         | Solid state/low-temperature physics                 |
|                         |  | 575                         | Theoretical physics                                 |
|                         |  | 576                         | Applied physics                                     |
|                         |  | 578                         | Physics, general                                    |
|                         |  | 579                         | Physics, other                                      |
| Other physical sciences |  |                             |   |
| 40.01                   | Physical sciences, general             |                             |   |
| 40.99                   | Physical sciences, other               |                             |   |
| Psychology              |  | Psychology                  |   |
| 42.01                   | Psychology, general                    | 600                         | Clinical psychology                                 |
| 42.02                   | Clinical psychology                    | 603                         | Cognitive psychology/psycholinguistics              |
| 42.03                   | Cognitive psychology/psycholinguistics | 606                         | Comparative psychology                              |
| 42.04                   | Community psychology                   | 609                         | Counseling psychology                               |
| 42.05                   | Comparative psychology                 | 612                         | Developmental/child psychology                      |
| 42.06                   | Counseling psychology                  | 613                         | Human development/family studies                    |
| 42.07                   | Developmental/child psychology         | 615                         | Experimental psychology                             |
| 42.08                   | Experimental psychology                | 616                         | Experimental, comparative, physiological psychology |
| 42.09                   | Industrial/organizational psychology   | 618                         | Educational psychology                              |
| 42.10                   | Personality psychology                 | 619                         | Human engineering                                   |
| 42.11                   | Physiological psychology/psychobiology | 620                         | Family psychology                                   |
| 42.16                   | Social psychology                      | 621                         | Industrial/organizational psychology                |
| 42.19                   | Psychometrics                          | 624                         | Personality psychology                              |
| 42.20                   | Clinical child psychology              | 627                         | Physiological psychology/psychobiology              |
| 42.21                   | Environmental psychology               | 630                         | Psychometrics                                       |
| 42.22                   | Geropsychology                         | 633                         | Quantitative psychology                             |
| 42.23                   | Health/medical psychology              | 636                         | School psychology                                   |
| 42.24                   | Psychopharmacology                     | 639                         | Social psychology                                   |
| 42.25                   | Family psychology                      | 648                         | Psychology, general                                 |
| 42.26                   | Forensic psychology                    | 649                         | Psychology, other                                   |
| 42.99                   | Psychology, other                      |                             |   |
| 51.1507                 | Psychoanalysis                         |                             |   |
| 51.3603                 | Hypnotherapy                           |                             |   |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey                |   | Survey of Earned Doctorates            |   |
|--|---|--|---|
| Social sciences                        |   | Social sciences                        |   |
| Economics                              |   | Economics                              |   |
| 01.0103                                | Agricultural economics                              | 000                                    | Agricultural economics                              |
| 45.06                                  | Economics   | 666                                    | Economics   |
|  |   | 668                                    | Econometrics  |
| Political science                      |   | Political science                      |   |
| 44.04                                  | Public administration                               | 674                                    | International relations/affairs                     |
| 44.05                                  | Public policy analysis                              | 678                                    | Political science/government                        |
| 44.99                                  | Public administration/services, other               | 679                                    | Political science/public administration             |
| 45.09                                  | International relations/affairs                     | 682                                    | Public policy analysis                              |
| 45.10                                  | Political science/government                        | 976                                    | Public administration                               |
| Sociology                              |   | Sociology                              |   |
| 45.05                                  | Demography/population studies                       | 662                                    | Demography/population studies                       |
| 45.11                                  | Sociology   | 686                                    | Sociology   |
| Other social sciences                  |   | Other social sciences                  |   |
| 05                                     | Area, ethnic, cultural, gender studies              | 650                                    | Anthropology  |
| 16.0102                                | Linguistics   | 652                                    | Area studies  |
| 30.1101                                | Gerontology   | 658                                    | Criminology   |
| 30.1501                                | Science, technology, society                        | 670                                    | Geography   |
| 30.1701                                | Behavioral sciences                                 | 690                                    | Statistics  |
| 30.2001                                | International/global studies                        | 694                                    | Urban affairs/studies                               |
| 30.2301                                | Intercultural/multicultural and diversity studies   | 698                                    | Social sciences, general                            |
| 45.01                                  | Social sciences, general                            | 699                                    | Social sciences, other                              |
| 45.02                                  | Anthropology  | 710                                    | History/philosophy of science and technology        |
| 45.03                                  | Archeology  | 724                                    | Folklore  |
| 45.04                                  | Criminology   | 729                                    | Linguistics   |
| 45.07                                  | Geography   | 770                                    | American studies                                    |
| 45.10                                  | Canadian government/politics                        | 773                                    | Archeology  |
| 45.12                                  | Urban affairs/studies                               | 776                                    | Art History/Criticism/Conservation                  |
| 45.99                                  | Social sciences/history, other                      |  |   |
| 53.3201                                | Bioethics/medical ethics                            |  |   |
| 54.0000                                | Social sciences/history                             |  |   |
| 54.0404                                | History/philosophy of science and technology        |  |   |
| Engineering                            |   | Engineering                            |   |
| Aeronautical/astronautical engineering |   | Aeronautical/astronautical engineering |   |
| 14.02                                  | Aerospace, aeronautical, astronautical engineering  | 300                                    | Aerospace, aeronautical, astronautical engineering  |
| Chemical engineering                   |   | Chemical engineering                   |   |
| 14.07                                  | Chemical engineering                                | 312                                    | Chemical engineering                                |
| 14.25                                  | Petroleum engineering                               | 366                                    | Petroleum engineering                               |
| 14.32                                  | Polymer/plastics engineering                        | 369                                    | Polymer/plastics engineering                        |
|  |   | 547                                    | Fuel technology/petroleum engineering               |
| Civil engineering                      |   | Civil engineering                      |   |
| 14.04                                  | Architectural engineering                           | 315                                    | Civil engineering                                   |
| 14.08                                  | Civil engineering                                   | 336                                    | Environmental health engineering                    |
| 14.14                                  | Environmental/environmental health engineering      |  |   |
| Electrical engineering                 |   | Electrical engineering                 |   |
| 14.09                                  | Computer engineering                                | 318                                    | Communications engineering                          |
| 14.10                                  | Electrical, electronics, communications engineering | 321                                    | Computer engineering                                |
| 14.38                                  | Surveying engineering                               | 322                                    | Electrical engineering                              |
|  |   | 323                                    | Electronics engineering                             |
|  |   | 324                                    | Electrical, electronics, communications engineering |
| Mechanical engineering                 |   | Mechanical engineering                 |   |
| 14.11                                  | Engineering mechanics                               | 327                                    | Engineering mechanics                               |
| 14.19                                  | Mechanical engineering                              | 345                                    | Mechanical engineering                              |
| Materials/metallurgical engineering    |   | Materials/metallurgical engineering    |   |
| 14.06                                  | Ceramic sciences/engineering                        | 309                                    | Ceramic sciences                                    |
| 14.18                                  | Materials engineering                               | 342                                    | Materials science                                   |
| 14.20                                  | Metallurgical engineering                           | 348                                    | Metallurgical engineering                           |
| 14.31                                  | Materials science                                   |  |   |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey     |  | Survey of Earned Doctorates |   |
|-----------------------------|--|-----------------------------|---|
| Other engineering           |  | Other engineering           |   |
| 14.01                       | Engineering, general                         | 303                         | Agricultural engineering  |
| 14.03                       | Agricultural engineering                     | 306                         | Bioengineering/biomedical engineering                           |
| 14.05                       | Bioengineering/biomedical engineering        | 330                         | Engineering physics   |
| 14.12                       | Engineering physics                          | 333                         | Engineering science   |
| 14.13                       | Engineering science                          | 339                         | Industrial/Manufacturing  |
| 14.15                       | Geological engineering                       | 351                         | Mining/mineral engineering                                      |
| 14.16                       | Geophysical engineering                      | 354                         | Naval architecture/marine engineering                           |
| 14.21                       | Mining/mineral engineering                   | 357                         | Nuclear engineering   |
| 14.22                       | Naval architecture/marine engineering        | 360                         | Ocean engineering   |
| 14.23                       | Nuclear engineering                          | 363                         | Operations research   |
| 14.24                       | Ocean engineering                            | 372                         | Systems engineering   |
| 14.27                       | Systems engineering                          | 375                         | Textile engineering   |
| 14.28                       | Textile sciences/engineering                 | 398                         | Engineering, general  |
| 14.29                       | Engineering design                           | 399                         | Engineering, other  |
| 14.34                       | Forest engineering                           |                             |   |
| 14.37                       | Operations research                          |                             |   |
| 14.39                       | Geological engineering                       |                             |   |
| 14.99                       | Engineering, other                           |                             |   |
| 45.0702                     | Cartography                                  |                             |   |
| Non-science and engineering |  | Non-science and engineering |   |
| Education                   |  | Education                   |   |
| 13                          | Education                                    | 800                         | Curriculum/instructions   |
| 31.05                       | Health/physical education                    | 805                         | Education administration/supervision                            |
| 39.0401                     | Religious education                          | 807                         | Education leadership  |
| 42.1701                     | School psychology                            | 810                         | Education/instructional media design                            |
| 42.1801                     | Educational psychology                       | 815                         | Education statistics/research methods                           |
| 51.0913                     | Athletic training/trainer                    | 820                         | Education assessment/testing/measures                           |
|                             |  | 822                         | Educational psychology (see also 618)                           |
|                             |  | 825                         | School psychology (see also 636)                                |
|                             |  | 830                         | Social/philosophical foundations of education                   |
|                             |  | 835                         | Special education   |
|                             |  | 840                         | Counseling education/counseling and guidance services           |
|                             |  | 845                         | Education evaluation/research                                   |
|                             |  | 850                         | Pre-elementary/early childhood teacher education                |
|                             |  | 852                         | Elementary teacher education                                    |
|                             |  | 854                         | Junior high teacher education                                   |
|                             |  | 856                         | Secondary teacher education                                     |
|                             |  | 858                         | Adult/continuing teacher education                              |
|                             |  | 860                         | Agricultural Education  |
|                             |  | 861                         | Art education   |
|                             |  | 862                         | Business education  |
|                             |  | 864                         | English education   |
|                             |  | 866                         | Foreign languages education                                     |
|                             |  | 868                         | Physical education, health, recreation                          |
|                             |  | 870                         | Home economics education  |
|                             |  | 874                         | Mathematics education   |
|                             |  | 876                         | Music education   |
|                             |  | 878                         | Nursing education   |
|                             |  | 880                         | Physical education/coaching                                     |
|                             |  | 882                         | Reading education   |
|                             |  | 884                         | Science education   |
|                             |  | 885                         | Social Science education  |
|                             |  | 886                         | Speech education  |
|                             |  | 887,888                     | Trade/industrial education                                      |
|                             |  | 889                         | Teacher education, specific academic/vocational programs, other |
|                             |  | 898                         | Education, general  |
|                             |  | 899                         | Education, other  |
| Health                      |  | Health                      |   |
| Medical sciences            |  | Medical sciences            |   |
| 51                          | Health professions/related clinical sciences | 205                         | Dentistry   |
| 60.01                       | Dentistry                                    | 210                         | Environmental health  |
| 60.02                       | Medicine/surgery                             | 211                         | Environmental Toxicology  |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey       |   | Survey of Earned Doctorates   |   |
|-------------------------------|---|-------------------------------|---|
| Medical sciences, continued   |   | Medical sciences, continued   |   |
| 60.03                         | Veterinary medicine                     | 215                           | Public health                               |
| 26.0988                       | Medical physiology                      | 219                           | Public health/epidemiology                  |
|                               |   | 220                           | Epidemiology                                |
|                               |   | 225                           | Medicine/surgery                            |
|                               |   | 235                           | Optometry/ophthalmology                     |
|                               |   | 240                           | Pharmacy                                    |
|                               |   | 250                           | Veterinary science                          |
|                               |   | Other health                  |   |
|                               |   | 200                           | Speech/language pathology and audiology     |
|                               |   | 212                           | Health systems/services administration      |
|                               |   | 224                           | Hospital administration                     |
|                               |   | 230                           | Nursing                                     |
|                               |   | 245                           | Rehabilitation/therapeutic services         |
|                               |   | 298                           | Health sciences, general                    |
|                               |   | 299                           | Health sciences, other                      |
| Humanities                    |   | Humanities                    |   |
| English/literature            |   | English/literature            |   |
| 16.0104                       | Comparative literature                  | 720                           | Classics                                    |
| 23                            | American/English languages, literatures | 723                           | Comparative literature                      |
|                               |   | 725                           | English/American literature                 |
|                               |   | 732                           | Literature, American                        |
|                               |   | 733                           | Literature, English                         |
|                               |   | 734                           | English language                            |
|                               |   | 736                           | Speech/rhetorical studies                   |
|                               |   | 738                           | Letters, general                            |
|                               |   | 739                           | Letters, other                              |
| Foreign languages/literatures |   | Foreign languages/literatures |   |
| 16                            | Foreign languages/literatures           | 740                           | French                                      |
| 16.1200                       | Classics/languages                      | 743                           | German                                      |
|                               |   | 746                           | Italian                                     |
|                               |   | 749                           | Spanish                                     |
|                               |   | 752                           | Russian                                     |
|                               |   | 755                           | Slavic (other than Russian)                 |
|                               |   | 758                           | Chinese                                     |
|                               |   | 762                           | Japanese                                    |
|                               |   | 765                           | Hebrew                                      |
|                               |   | 768                           | Arabic                                      |
|                               |   | 769                           | Other languages/literature                  |
| History                       |   | History                       |   |
| 54                            | History                                 | 700                           | History, American                           |
|                               |   | 703                           | History, Asian                              |
|                               |   | 705                           | History, European                           |
|                               |   | 706                           | History, African                            |
|                               |   | 707                           | History, Latin American                     |
|                               |   | 718                           | History, general                            |
|                               |   | History, continued            |   |
|                               |   | 719                           | History, other                              |
| Religion/theology             |   | Religion/theology             |   |
| 38.02                         | Religious studies                       | 790                           | Religion (see also 984)                     |
| 39                            | Theology/ministries                     | 791                           | Religion/theology                           |
|                               |   | 984                           | Theology/religious education (see also 790) |
| Other humanities              |   | Other                         |   |
| 24                            | Liberal arts/other humanities           | 780                           | Music                                       |
| 38.01                         | Philosophy                              | 785                           | Philosophy (see also 440)                   |
| 50                            | Visual/performing arts                  | 795                           | Drama/Theater Arts                          |
|                               |   | 798                           | Humanities, general                         |
|                               |   | 799                           | Humanities, other                           |
| Professional fields           |   | Professional fields           |   |
| Business/management           |   | Business/management           |   |
| 01.01                         | Agricultural business/management        | 002                           | Agricultural business/management            |
| 01.03                         | Agricultural production operations      | 900                           | Accounting                                  |

TABLE B-1. Fields of study classification

| IPEDS Completion Survey                                      |   | Survey of Earned Doctorates                                  |   |
|--|---|--|---|
| Business/management, continued                               |   | Business/management, continued                               |   |
| 01.05  | Agricultural/domestic animal services                     | 905  | Banking/financial support services                      |
| 01.06  | Horticultural operations                                  | 910  | Business administration/management                      |
| 14.3701  | Operations research                                       | 915  | Business/managerial economics                           |
| 52   | Business, management, marketing, related support services | 916  | International Business/Trade/Commerce                   |
|  |   | 917  | Management information systems/business data processing |
|  |   | 920  | Marketing management/research                           |
|  |   | 921  | Human Resources Development                             |
|  |   | 925  | Business statistics                                     |
|  |   | 930  | Operations research (see also 363, 465)                 |
|  |   | 935  | Organizational behavior (see also 621)                  |
|  |   | 938  | Business management/administrative services, general    |
|  |   | 939  | Business management/administrative services, other      |
| Information fields (journalism, broadcasting, librarianship) |   | Information fields (journalism, broadcasting, librarianship) |   |
| 09   | Communications  | 940  | Communication research                                  |
| 10   | Communications technologies                               | 945  | Journalism  |
| 25   | Library science   | 947  | Mass communication                                      |
|  |   | 950  | Radio/television  |
|  |   | 957  | Communication theory                                    |
|  |   | 958  | Communication, general                                  |
|  |   | 959  | Communication, other                                    |
|  |   | 972  | Library science   |
| Other professional fields                                    |   | Other professional fields                                    |   |
| 04   | Architecture/related programs                             | 964  | Home economics  |
| 12   | Personal/culinary services                                | 968  | Law   |
| 15   | Engineering-related technologies                          | 974  | Parks/recreation/leisure/fitness                        |
| 19   | Home economics/family studies                             | 980  | Social service professions                              |
| 22   | Law and legal studies                                     | 988  | Professional fields, general                            |
| 28   | Reserve officer training corps (ROTC)                     | 989  | Professional fields, other                              |
| 29   | Military technologies                                     | 999  | Other fields  |
| 30   | Multi-/interdisciplinary studies                          |  |   |
| 31   | Parks/recreation/leisure/fitness                          |  |   |
| 32   | Basic skills  |  |   |
| 33   | Citizenship activities                                    |  |   |
| 34   | Health related knowledge/skills                           |  |   |
| 35   | Interpersonal/social skills                               |  |   |
| 36   | Personal awareness/self-improvement                       |  |   |
| 41   | Science technologies                                      |  |   |
| 43   | Protective services                                       |  |   |
| 44   | Public administration/social services professions         |  |   |
| 46   | Construction trades                                       |  |   |
| 47   | Mechanic/repair technologies                              |  |   |
| 48   | Precision production trades                               |  |   |
| 49   | Transportation/materials moving workers                   |  |   |



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