

TABLE 44. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2006

| Sex and primary source of support | All surveyed fields | Science |                       |                     |                   |                                  |                       |                   |            |                 | Engineering |                       |                      |                   |                        |                        |                        |                                     | Health fields |        |
|-----------------------------------|---------------------|---------|-----------------------|---------------------|-------------------|----------------------------------|-----------------------|-------------------|------------|-----------------|-------------|-----------------------|----------------------|-------------------|------------------------|------------------------|------------------------|-------------------------------------|---------------|--------|
|                                   |                     | Total   | Agricultural sciences | Biological sciences | Computer sciences | Earth/atmospheric/ocean sciences | Mathematical sciences | Physical sciences | Psychology | Social sciences | Total       | Aerospace engineering | Chemical engineering | Civil engineering | Electrical engineering | Industrial engineering | Mechanical engineering | Metallurgical/materials engineering |               | Other  |
| Male and female, all sources      | 393,138             | 246,248 | 8,977                 | 57,082              | 26,937            | 11,102                           | 14,995                | 32,368            | 32,944     | 61,843          | 85,134      | 3,291                 | 6,185                | 12,836            | 26,259                 | 6,171                  | 12,408                 | 4,606                               | 13,378        | 61,756 |
| Federal                           | 82,901              | 52,441  | 2,259                 | 22,091              | 5,008             | 3,285                            | 1,738                 | 11,189            | 3,354      | 3,517           | 21,251      | 1,157                 | 2,104                | 1,870             | 5,975                  | 887                    | 3,228                  | 1,628                               | 4,402         | 9,209  |
| DOD                               | 8,826               | 3,134   | 25                    | 360                 | 1,196             | 131                              | 175                   | 906               | 145        | 196             | 5,331       | 540                   | 179                  | 143               | 1,937                  | 316                    | 777                    | 369                                 | 1,070         | 361    |
| DOE                               | 4,469               | 2,508   | 42                    | 213                 | 164               | 117                              | 64                    | 1,834             | 32         | 42              | 1,934       | 42                    | 371                  | 64                | 244                    | 46                     | 391                    | 318                                 | 458           | 27     |
| HHS                               | 31,028              | 21,850  | 78                    | 16,595              | 310               | 64                               | 178                   | 2,518             | 1,732      | 375             | 2,481       | 17                    | 328                  | 56                | 421                    | 65                     | 187                    | 58                                  | 1,349         | 6,697  |
| NIH                               | 27,543              | 20,940  | 67                    | 16,086              | 268               | 55                               | 152                   | 2,396             | 1,599      | 317             | 2,346       | 15                    | 298                  | 30                | 394                    | 54                     | 171                    | 57                                  | 1,327         | 4,257  |
| Other HHS                         | 3,485               | 910     | 11                    | 509                 | 42                | 9                                | 26                    | 122               | 133        | 58              | 135         | 2                     | 30                   | 26                | 11                     | 16                     | 1                      | 22                                  | 2,440         |        |
| NASA                              | 2,352               | 1,292   | 42                    | 81                  | 85                | 417                              | 18                    | 571               | 8          | 70              | 1,046       | 318                   | 67                   | 57                | 215                    | 20                     | 217                    | 52                                  | 100           | 14     |
| NSF                               | 20,255              | 13,065  | 216                   | 2,204               | 2,708             | 1,537                            | 1,006                 | 4,083             | 415        | 896             | 6,907       | 139                   | 816                  | 658               | 2,481                  | 278                    | 1,091                  | 661                                 | 783           | 283    |
| USDA                              | 2,994               | 2,564   | 1,169                 | 904                 | 32                | 70                               | 19                    | 24                | 11         | 335             | 332         | 1                     | 61                   | 40                | 21                     | 9                      | 11                     | 6                                   | 183           | 98     |
| Other                             | 12,977              | 8,028   | 687                   | 1,734               | 513               | 949                              | 278                   | 1,253             | 1,011      | 1,603           | 3,220       | 100                   | 282                  | 852               | 656                    | 153                    | 554                    | 164                                 | 459           | 1,729  |
| Institutional                     | 154,856             | 110,816 | 3,993                 | 23,134              | 8,528             | 4,787                            | 9,910                 | 17,241            | 12,787     | 30,436          | 30,253      | 950                   | 2,336                | 5,345             | 8,485                  | 2,255                  | 4,816                  | 1,581                               | 4,485         | 13,787 |
| Other nonfederal                  | 27,640              | 14,889  | 1,286                 | 4,207               | 1,625             | 1,059                            | 459                   | 2,178             | 1,505      | 2,570           | 9,709       | 395                   | 988                  | 1,173             | 2,634                  | 536                    | 1,515                  | 815                                 | 1,653         | 3,042  |
| Domestic                          | 25,017              | 13,283  | 1,208                 | 3,918               | 1,421             | 980                              | 390                   | 2,067             | 1,453      | 1,846           | 8,873       | 347                   | 927                  | 1,079             | 2,434                  | 465                    | 1,361                  | 755                                 | 1,505         | 2,861  |
| Foreign                           | 2,623               | 1,606   | 78                    | 289                 | 204               | 79                               | 69                    | 111               | 52         | 724             | 836         | 48                    | 61                   | 94                | 200                    | 71                     | 154                    | 60                                  | 148           | 181    |
| Self-support                      | 127,741             | 68,102  | 1,439                 | 7,650               | 11,776            | 1,971                            | 2,888                 | 1,760             | 15,298     | 25,320          | 23,921      | 789                   | 757                  | 4,448             | 9,165                  | 2,493                  | 2,849                  | 582                                 | 2,838         | 35,718 |
| Male, all sources                 | 207,454             | 126,397 | 4,607                 | 25,461              | 20,610            | 5,882                            | 9,909                 | 22,057            | 8,499      | 29,372          | 65,158      | 2,787                 | 4,346                | 8,755             | 21,313                 | 4,495                  | 10,645                 | 3,402                               | 9,415         | 15,899 |
| Federal                           | 48,453              | 28,902  | 1,197                 | 10,078              | 4,081             | 1,765                            | 1,187                 | 7,792             | 1,039      | 1,763           | 16,491      | 993                   | 1,477                | 1,254             | 4,938                  | 656                    | 2,777                  | 1,202                               | 3,194         | 3,060  |
| DOD                               | 7,043               | 2,346   | 19                    | 160                 | 1,031             | 82                               | 128                   | 708               | 74         | 144             | 4,500       | 479                   | 139                  | 106               | 1,637                  | 239                    | 689                    | 291                                 | 920           | 197    |
| DOE                               | 3,426               | 1,846   | 20                    | 105                 | 135               | 74                               | 45                    | 1,431             | 9          | 27              | 1,567       | 37                    | 284                  | 43                | 193                    | 39                     | 350                    | 246                                 | 375           | 13     |
| HHS                               | 14,127              | 10,152  | 40                    | 7,565               | 239               | 24                               | 106                   | 1,510             | 540        | 128             | 1,707       | 12                    | 220                  | 40                | 333                    | 54                     | 152                    | 42                                  | 854           | 2,268  |
| NIH                               | 13,122              | 9,734   | 35                    | 7,343               | 208               | 22                               | 87                    | 1,438             | 493        | 108             | 1,604       | 10                    | 201                  | 19                | 308                    | 45                     | 138                    | 41                                  | 842           | 1,784  |
| Other HHS                         | 1,005               | 418     | 5                     | 222                 | 31                | 2                                | 19                    | 72                | 47         | 20              | 103         | 2                     | 19                   | 21                | 25                     | 9                      | 14                     | 1                                   | 12            | 484    |
| NASA                              | 1,649               | 801     | 30                    | 38                  | 65                | 217                              | 13                    | 390               | 2          | 46              | 842         | 275                   | 48                   | 32                | 174                    | 16                     | 188                    | 34                                  | 75            | 6      |
| NSF                               | 13,633              | 8,316   | 112                   | 1,017               | 2,171             | 822                              | 718                   | 2,876             | 157        | 443             | 5,188       | 104                   | 545                  | 408               | 2,039                  | 183                    | 902                    | 468                                 | 539           | 129    |
| USDA                              | 1,583               | 1,318   | 630                   | 400                 | 22                | 48                               | 5                     | 17                | 2          | 194             | 226         | 1                     | 43                   | 30                | 17                     | 9                      | 9                      | 4                                   | 113           | 39     |
| Other                             | 6,992               | 4,123   | 346                   | 793                 | 418               | 498                              | 172                   | 860               | 255        | 781             | 2,461       | 85                    | 198                  | 595               | 545                    | 116                    | 487                    | 117                                 | 318           | 408    |
| Institutional                     | 84,838              | 57,867  | 1,966                 | 10,227              | 6,556             | 2,571                            | 6,610                 | 11,519            | 3,649      | 14,769          | 22,794      | 786                   | 1,638                | 3,647             | 6,814                  | 1,596                  | 4,098                  | 1,149                               | 3,066         | 4,177  |
| Other nonfederal                  | 16,909              | 8,331   | 736                   | 2,126               | 1,282             | 578                              | 295                   | 1,557             | 383        | 1,374           | 7,605       | 336                   | 701                  | 858               | 2,195                  | 386                    | 1,308                  | 612                                 | 1,209         | 973    |
| Domestic                          | 15,073              | 7,255   | 684                   | 1,968               | 1,117             | 528                              | 245                   | 1,479             | 365        | 869             | 6,929       | 295                   | 664                  | 782               | 2,020                  | 329                    | 1,181                  | 574                                 | 1,084         | 889    |
| Foreign                           | 1,836               | 1,076   | 52                    | 158                 | 165               | 50                               | 50                    | 78                | 18         | 505             | 676         | 41                    | 37                   | 76                | 175                    | 57                     | 127                    | 38                                  | 125           | 84     |
| Self-support                      | 57,254              | 31,297  | 708                   | 3,030               | 8,691             | 968                              | 1,817                 | 1,189             | 3,428      | 11,466          | 18,268      | 672                   | 530                  | 2,996             | 7,366                  | 1,857                  | 2,462                  | 439                                 | 1,946         | 7,689  |
| Female, all sources               | 185,684             | 119,851 | 4,370                 | 31,621              | 6,327             | 5,220                            | 5,086                 | 10,311            | 24,445     | 32,471          | 19,976      | 504                   | 1,839                | 4,081             | 4,946                  | 1,676                  | 1,763                  | 1,204                               | 3,963         | 45,857 |
| Federal                           | 34,448              | 23,539  | 1,062                 | 12,013              | 927               | 1,520                            | 551                   | 3,397             | 2,315      | 1,754           | 4,760       | 164                   | 627                  | 616               | 1,037                  | 231                    | 451                    | 426                                 | 1,208         | 6,149  |
| DOD                               | 1,783               | 788     | 6                     | 200                 | 165               | 49                               | 47                    | 198               | 71         | 52              | 831         | 61                    | 40                   | 37                | 300                    | 77                     | 88                     | 78                                  | 150           | 164    |
| DOE                               | 1,043               | 662     | 22                    | 108                 | 29                | 43                               | 19                    | 403               | 23         | 15              | 367         | 5                     | 87                   | 21                | 51                     | 7                      | 41                     | 72                                  | 83            | 14     |

TABLE 44. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by sex, primary source of support, and field: 2006

| Sex and primary source of support | All surveyed fields | Science |                       |                     |                   |                                  |                       |                   |            |                 | Engineering |                       |                      |                   |                        |                        |                        |                                     | Health fields |        |
|-----------------------------------|---------------------|---------|-----------------------|---------------------|-------------------|----------------------------------|-----------------------|-------------------|------------|-----------------|-------------|-----------------------|----------------------|-------------------|------------------------|------------------------|------------------------|-------------------------------------|---------------|--------|
|                                   |                     | Total   | Agricultural sciences | Biological sciences | Computer sciences | Earth/atmospheric/ocean sciences | Mathematical sciences | Physical sciences | Psychology | Social sciences | Total       | Aerospace engineering | Chemical engineering | Civil engineering | Electrical engineering | Industrial engineering | Mechanical engineering | Metallurgical/materials engineering |               | Other  |
| HHS                               | 16,901              | 11,698  | 38                    | 9,030               | 71                | 40                               | 72                    | 1,008             | 1,192      | 247             | 774         | 5                     | 108                  | 16                | 88                     | 11                     | 35                     | 16                                  | 495           | 4,429  |
| NIH                               | 14,421              | 11,206  | 32                    | 8,743               | 60                | 33                               | 65                    | 958               | 1,106      | 209             | 742         | 5                     | 97                   | 11                | 86                     | 9                      | 33                     | 16                                  | 485           | 2,473  |
| Other HHS                         | 2,480               | 492     | 6                     | 287                 | 11                | 7                                | 7                     | 50                | 86         | 38              | 32          | 0                     | 11                   | 5                 | 2                      | 2                      | 2                      | 0                                   | 10            | 1,956  |
| NASA                              | 703                 | 491     | 12                    | 43                  | 20                | 200                              | 5                     | 181               | 6          | 24              | 204         | 43                    | 19                   | 25                | 41                     | 4                      | 29                     | 18                                  | 25            | 8      |
| NSF                               | 6,622               | 4,749   | 104                   | 1,187               | 537               | 715                              | 288                   | 1,207             | 258        | 453             | 1,719       | 35                    | 271                  | 250               | 442                    | 95                     | 189                    | 193                                 | 244           | 154    |
| USDA                              | 1,411               | 1,246   | 539                   | 504                 | 10                | 22                               | 14                    | 7                 | 9          | 141             | 106         | 0                     | 18                   | 10                | 4                      | 0                      | 2                      | 2                                   | 70            | 59     |
| Other                             | 5,985               | 3,905   | 341                   | 941                 | 95                | 451                              | 106                   | 393               | 756        | 822             | 759         | 15                    | 84                   | 257               | 111                    | 37                     | 67                     | 47                                  | 141           | 1,321  |
| Institutional                     | 70,018              | 52,949  | 2,027                 | 12,907              | 1,972             | 2,216                            | 3,300                 | 5,722             | 9,138      | 15,667          | 7,459       | 164                   | 698                  | 1,698             | 1,671                  | 659                    | 718                    | 432                                 | 1,419         | 9,610  |
| Other nonfederal                  | 10,731              | 6,558   | 550                   | 2,081               | 343               | 481                              | 164                   | 621               | 1,122      | 1,196           | 2,104       | 59                    | 287                  | 315               | 439                    | 150                    | 207                    | 203                                 | 444           | 2,069  |
| Domestic                          | 9,944               | 6,028   | 524                   | 1,950               | 304               | 452                              | 145                   | 588               | 1,088      | 977             | 1,944       | 52                    | 263                  | 297               | 414                    | 136                    | 180                    | 181                                 | 421           | 1,972  |
| Foreign                           | 787                 | 530     | 26                    | 131                 | 39                | 29                               | 19                    | 33                | 34         | 219             | 160         | 7                     | 24                   | 18                | 25                     | 14                     | 27                     | 22                                  | 23            | 97     |
| Self-support                      | 70,487              | 36,805  | 731                   | 4,620               | 3,085             | 1,003                            | 1,071                 | 571               | 11,870     | 13,854          | 5,653       | 117                   | 227                  | 1,452             | 1,799                  | 636                    | 387                    | 143                                 | 892           | 28,029 |

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2006.