

TABLE 25. Full-time graduate students in science and engineering fields in all institutions, by primary mechanism and primary source of support: 1995-2002

| Primary mechanism and primary source of support | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>All types</b>                                |         |         |         |         |         |         |         |         |
| All sources                                     | 287,171 | 284,039 | 280,669 | 278,943 | 283,893 | 291,355 | 304,021 | 325,699 |
| Federal   | 59,398  | 57,838  | 56,798  | 55,810  | 57,332  | 59,224  | 60,237  | 66,323  |
| Department of Defense                           | 9,006   | 8,468   | 8,701   | 7,959   | 7,662   | 7,734   | 7,715   | 7,730   |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA      | NA      | 2,719   | 2,980   | 3,105   | 3,536   |
| Department of HHS                               | 17,102  | 16,901  | 16,816  | 16,740  | 17,246  | 17,684  | 18,098  | 20,023  |
| NIH   | 15,664  | 15,472  | 15,352  | 15,308  | 15,987  | 16,315  | 16,578  | 18,495  |
| Other HHS                                       | 1,438   | 1,429   | 1,464   | 1,432   | 1,259   | 1,369   | 1,520   | 1,528   |
| NASA <sup>2</sup>                               | NA      | 2,295   | 2,565   | 2,620   | 2,564   | 2,762   | 2,797   | 3,062   |
| NSF   | 13,561  | 13,330  | 13,264  | 13,339  | 13,712  | 14,475  | 15,300  | 17,035  |
| USDA  | 3,197   | 2,954   | 2,603   | 2,426   | 2,573   | 2,568   | 2,685   | 3,026   |
| All other Federal <sup>1,2</sup>                | 16,532  | 13,890  | 12,849  | 12,726  | 10,856  | 11,021  | 10,537  | 11,911  |
| Institutional support                           | 120,331 | 118,959 | 119,227 | 118,944 | 122,271 | 122,429 | 129,746 | 136,123 |
| Other external support                          | 23,939  | 23,405  | 23,124  | 24,201  | 23,811  | 25,403  | 25,745  | 26,193  |
| All other U.S.                                  | 18,926  | 18,586  | 18,762  | 20,379  | 20,303  | 21,913  | 22,286  | 23,086  |
| Foreign   | 5,013   | 4,819   | 4,362   | 3,822   | 3,508   | 3,490   | 3,459   | 3,107   |
| Self-support                                    | 83,503  | 83,837  | 81,520  | 79,988  | 80,479  | 84,299  | 88,293  | 97,060  |
| <b>Fellowships</b>                              |         |         |         |         |         |         |         |         |
| All sources                                     | 26,686  | 26,347  | 26,478  | 26,575  | 27,377  | 28,415  | 29,677  | 31,738  |
| Federal   | 6,363   | 6,427   | 6,260   | 6,335   | 6,594   | 6,614   | 6,587   | 7,075   |
| Department of Defense                           | 470     | 506     | 522     | 536     | 486     | 540     | 472     | 446     |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA      | NA      | 100     | 156     | 120     | 118     |
| Department of HHS                               | 1,166   | 1,148   | 1,229   | 1,285   | 1,345   | 1,149   | 1,315   | 1,467   |
| NIH   | 965     | 969     | 1,002   | 1,057   | 1,175   | 992     | 1,144   | 1,277   |
| Other HHS                                       | 201     | 179     | 227     | 228     | 170     | 157     | 171     | 190     |
| NASA <sup>2</sup>                               | NA      | 410     | 373     | 380     | 359     | 338     | 317     | 321     |
| NSF   | 2,323   | 2,451   | 2,309   | 2,335   | 2,411   | 2,539   | 2,606   | 2,816   |
| USDA  | 136     | 111     | 138     | 136     | 141     | 120     | 126     | 89      |
| All other Federal <sup>1,2</sup>                | 2,268   | 1,801   | 1,689   | 1,663   | 1,752   | 1,772   | 1,631   | 1,818   |
| Institutional support                           | 14,283  | 14,373  | 15,227  | 15,234  | 15,991  | 16,982  | 18,317  | 19,918  |
| Other external support                          | 6,040   | 5,547   | 4,991   | 5,006   | 4,792   | 4,819   | 4,773   | 4,745   |
| All other U.S.                                  | 3,808   | 3,396   | 3,113   | 3,277   | 3,269   | 3,450   | 3,360   | 3,547   |
| Foreign   | 2,232   | 2,151   | 1,878   | 1,729   | 1,523   | 1,369   | 1,413   | 1,198   |
| Self-support                                    | na      | na      | na      | na      | na      | na      | na      | na      |
| <b>Teaching assistantships</b>                  |         |         |         |         |         |         |         |         |
| All sources                                     | 63,147  | 62,728  | 62,258  | 61,974  | 63,198  | 63,328  | 64,976  | 67,060  |
| Federal   | 646     | 741     | 787     | 971     | 876     | 1,270   | 955     | 1,128   |
| Department of Defense                           | na      | na      | na      | na      | na      | na      | na      | na      |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA      | NA      | 16      | 34      | 27      | 41      |
| Department of HHS                               | 113     | 180     | 157     | 232     | 203     | 277     | 244     | 257     |
| NIH   | 106     | 176     | 127     | 221     | 196     | 261     | 213     | 210     |
| Other HHS                                       | 7       | 4       | 30      | 11      | 7       | 16      | 31      | 47      |
| NASA <sup>2</sup>                               | NA      | 2       | 24      | 23      | 9       | 11      | 34      | 26      |
| NSF   | 157     | 117     | 80      | 130     | 121     | 137     | 187     | 217     |
| USDA  | 37      | 42      | 30      | 37      | 60      | 68      | 46      | 47      |
| All other Federal <sup>1,2</sup>                | 339     | 400     | 496     | 549     | 467     | 743     | 417     | 540     |
| Institutional support                           | 61,964  | 61,366  | 60,881  | 60,391  | 61,631  | 61,099  | 63,073  | 64,905  |
| Other external support                          | 537     | 621     | 590     | 612     | 691     | 959     | 948     | 1,027   |
| All other U.S.                                  | 537     | 621     | 590     | 612     | 691     | 959     | 948     | 1,027   |
| Foreign   | na      | na      | na      | na      | na      | na      | na      | na      |
| Self-support                                    | na      | na      | na      | na      | na      | na      | na      | na      |
| <b>Traineeships</b>                             |         |         |         |         |         |         |         |         |
| All sources                                     | 10,544  | 10,337  | 9,670   | 9,841   | 9,505   | 9,554   | 9,197   | 9,919   |
| Federal   | 5,630   | 5,515   | 5,143   | 5,426   | 5,411   | 5,694   | 5,417   | 5,748   |
| Department of Defense                           | 104     | 124     | 108     | 64      | 51      | 59      | 36      | 51      |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA      | NA      | 22      | 10      | 2       | 10      |
| Department of HHS                               | 4,347   | 4,256   | 3,977   | 4,234   | 4,361   | 4,415   | 4,224   | 4,497   |
| NIH   | 3,990   | 3,990   | 3,793   | 4,056   | 4,161   | 4,141   | 3,992   | 4,290   |
| Other HHS                                       | 357     | 266     | 184     | 178     | 200     | 274     | 232     | 207     |
| NASA <sup>2</sup>                               | NA      | 67      | 76      | 57      | 51      | 46      | 50      | 49      |
| NSF   | 338     | 431     | 383     | 408     | 344     | 324     | 336     | 322     |
| USDA  | 18      | 24      | 23      | 14      | 25      | 18      | 16      | 20      |
| All other Federal <sup>1,2</sup>                | 823     | 613     | 576     | 649     | 557     | 822     | 753     | 799     |
| Institutional support                           | 4,214   | 4,252   | 3,877   | 3,730   | 3,457   | 3,303   | 3,300   | 3,757   |
| Other external support                          | 700     | 570     | 650     | 685     | 637     | 557     | 480     | 414     |
| All other U.S.                                  | 505     | 386     | 488     | 541     | 537     | 412     | 348     | 344     |
| Foreign   | 195     | 184     | 162     | 144     | 100     | 145     | 132     | 70      |
| Self-support                                    | na      | na      | na      | na      | na      | na      | na      | na      |

See explanatory information, if any, and SOURCE at end of table.

TABLE 25. Full-time graduate students in science and engineering fields in all institutions, by primary mechanism and primary source of support: 1995-2002

| Primary mechanism and primary source of support | 1995    | 1996    | 1997   | 1998   | 1999   | 2000    | 2001    | 2002    |
|---|---------|---------|--------|--------|--------|---------|---------|---------|
| <b>Research assistantships</b>                  |         |         |        |        |        |         |         |         |
| All sources                                     | 85,316  | 83,293  | 83,105 | 83,053 | 85,866 | 88,449  | 93,638  | 101,364 |
| Federal   | 42,933  | 41,824  | 41,472 | 39,962 | 40,977 | 42,405  | 43,861  | 48,932  |
| Department of Defense                           | 6,261   | 5,965   | 6,308  | 5,784  | 5,658  | 5,730   | 5,799   | 6,155   |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA     | NA     | 2,533  | 2,717   | 2,892   | 3,317   |
| Department of HHS                               | 11,165  | 11,036  | 11,103 | 10,584 | 10,787 | 11,335  | 11,773  | 13,232  |
| NIH   | 10,367  | 10,155  | 10,151 | 9,647  | 10,036 | 10,473  | 10,733  | 12,189  |
| Other HHS                                       | 798     | 881     | 952    | 937    | 751    | 862     | 1,040   | 1,043   |
| NASA <sup>2</sup>                               | NA      | 1,775   | 2,059  | 2,122  | 2,107  | 2,291   | 2,336   | 2,603   |
| NSF   | 10,600  | 10,223  | 10,392 | 10,373 | 10,715 | 11,304  | 12,022  | 13,485  |
| USDA  | 2,944   | 2,707   | 2,370  | 2,188  | 2,290  | 2,314   | 2,465   | 2,802   |
| All other Federal <sup>1,2</sup>                | 11,963  | 10,118  | 9,240  | 8,911  | 6,887  | 6,714   | 6,574   | 7,338   |
| Institutional support                           | 30,102  | 29,119  | 28,984 | 29,797 | 31,476 | 31,492  | 34,168  | 36,312  |
| Other external support                          | 12,281  | 12,350  | 12,649 | 13,294 | 13,413 | 14,552  | 15,609  | 16,120  |
| All other U.S.                                  | 11,541  | 11,611  | 11,909 | 12,666 | 12,816 | 13,922  | 14,967  | 15,398  |
| Foreign   | 740     | 739     | 740    | 628    | 597    | 630     | 642     | 722     |
| Self-support                                    | na      | na      | na     | na     | na     | na      | na      | na      |
| <b>Other types of support</b>                   |         |         |        |        |        |         |         |         |
| All sources                                     | 101,478 | 101,334 | 99,158 | 97,500 | 97,947 | 101,609 | 106,533 | 115,618 |
| Federal   | 3,826   | 3,331   | 3,136  | 3,116  | 3,474  | 3,241   | 3,417   | 3,440   |
| Department of Defense                           | 2,171   | 1,873   | 1,763  | 1,575  | 1,467  | 1,405   | 1,408   | 1,078   |
| Department of Energy <sup>1</sup>               | NA      | NA      | NA     | NA     | 48     | 63      | 64      | 50      |
| Department of HHS                               | 311     | 281     | 350    | 405    | 550    | 508     | 542     | 570     |
| NIH   | 236     | 182     | 279    | 327    | 419    | 448     | 496     | 529     |
| Other HHS                                       | 75      | 99      | 71     | 78     | 131    | 60      | 46      | 41      |
| NASA <sup>2</sup>                               | NA      | 41      | 33     | 38     | 38     | 76      | 60      | 63      |
| NSF   | 143     | 108     | 100    | 93     | 121    | 171     | 149     | 195     |
| USDA  | 62      | 70      | 42     | 51     | 57     | 48      | 32      | 68      |
| All other Federal <sup>1,2</sup>                | 1,139   | 958     | 848    | 954    | 1,193  | 970     | 1,162   | 1,416   |
| Institutional support                           | 9,768   | 9,849   | 10,258 | 9,792  | 9,716  | 9,553   | 10,888  | 11,231  |
| Other external support                          | 4,381   | 4,317   | 4,244  | 4,604  | 4,278  | 4,516   | 3,935   | 3,887   |
| All other U.S.                                  | 2,535   | 2,572   | 2,662  | 3,283  | 2,990  | 3,170   | 2,663   | 2,770   |
| Foreign   | 1,846   | 1,745   | 1,582  | 1,321  | 1,288  | 1,346   | 1,272   | 1,117   |
| Self-support                                    | 83,503  | 83,837  | 81,520 | 79,988 | 80,479 | 84,299  | 88,293  | 97,060  |

HHS = Department of Health & Human Services; NIH = National Institutes of Health; NASA = National Aeronautics & Space Administration; NSF = National Science Foundation; USDA = United States Department of Agriculture; NA = not available; na = not applicable.

<sup>1</sup> Data for Department of Energy were not collected separately prior to 1999. Students supported by the Department of Energy prior to 1999 were included under "All other Federal" support.

<sup>2</sup> Data for NASA were not collected separately prior to 1996. Students supported by NASA prior to 1996 were included under "All other Federal" support.

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