

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| All S&E graduate students | 411,182 | 413,536 | 429,229 | 454,834 | 474,645 | 475,873 | 478,275 | 486,287 |
| Science | 309,491 | 309,424 | 319,736 | 335,166 | 347,268 | 352,307 | 357,710 | 363,246 |
| Agricultural sciences | 12,312 | 12,023 | 12,235 | 12,698 | 13,197 | 13,445 | 13,123 | 13,016 |
| Biological sciences | 56,959 | 56,282 | 57,639 | 61,088 | 64,701 | 66,565 | 68,479 | 69,941 |
| Anatomy | 749 | 795 | 735 | 906 | 908 | 897 | 938 | 961 |
| Biochemistry | 5,101 | 4,966 | 4,917 | 5,190 | 5,552 | 5,612 | 5,814 | 5,824 |
| Biology | 13,989 | 13,407 | 13,352 | 13,822 | 14,770 | 15,458 | 15,681 | 16,463 |
| Biometry and epidemiology | 3,704 | 3,615 | 3,817 | 4,071 | 4,439 | 4,674 | 4,805 | 4,789 |
| Biophysics | 710 | 751 | 877 | 953 | 1,032 | 1,180 | 1,183 | 1,203 |
| Botany | 1,974 | 1,904 | 1,921 | 1,973 | 1,901 | 1,831 | 1,860 | 1,850 |
| Cell and molecular biology | 4,637 | 4,820 | 4,911 | 5,375 | 5,689 | 5,830 | 6,177 | 6,553 |
| Ecology | 1,704 | 1,762 | 1,888 | 1,967 | 2,230 | 2,185 | 2,165 | 2,162 |
| Entomology and parasitology | 1,145 | 1,104 | 1,170 | 1,191 | 1,206 | 1,241 | 1,126 | 1,114 |
| Genetics | 1,783 | 1,712 | 1,841 | 1,909 | 2,073 | 2,129 | 2,155 | 2,154 |
| Microbiology, immunology, and virology | 4,815 | 4,814 | 4,798 | 5,208 | 5,256 | 5,375 | 5,401 | 5,324 |
| Nutrition | 4,508 | 4,413 | 4,429 | 4,539 | 4,695 | 4,771 | 4,817 | 5,042 |
| Pathology | 1,580 | 1,531 | 1,637 | 1,613 | 1,541 | 1,557 | 1,593 | 1,612 |
| Pharmacology | 2,757 | 2,963 | 3,140 | 3,234 | 3,357 | 3,122 | 3,114 | 2,985 |
| Physiology | 2,083 | 2,015 | 1,967 | 2,076 | 2,328 | 2,409 | 2,399 | 2,416 |
| Zoology | 1,523 | 1,445 | 1,411 | 1,349 | 1,301 | 1,236 | 1,264 | 1,145 |
| Other | 4,197 | 4,265 | 4,828 | 5,712 | 6,423 | 7,058 | 7,987 | 8,344 |
| Computer sciences | 42,478 | 47,350 | 52,196 | 55,269 | 53,696 | 50,016 | 47,978 | 47,653 |
| Earth, atmospheric, and ocean sciences | 14,083 | 13,941 | 13,841 | 14,240 | 14,620 | 15,131 | 14,836 | 14,920 |
| Atmospheric | 913 | 963 | 924 | 1,036 | 1,150 | 1,086 | 1,146 | 1,079 |
| Earth | 6,637 | 6,596 | 6,544 | 6,712 | 6,889 | 7,358 | 7,212 | 7,177 |
| Ocean | 2,624 | 2,668 | 2,585 | 2,618 | 2,695 | 2,801 | 2,760 | 2,770 |
| Other | 3,909 | 3,714 | 3,788 | 3,874 | 3,886 | 3,886 | 3,718 | 3,894 |
| Mathematics and statistics | 16,257 | 15,650 | 16,651 | 18,163 | 19,465 | 19,931 | 20,210 | 20,815 |
| Mathematics/applied mathematics | 13,521 | 12,823 | 13,569 | 14,702 | 15,569 | 15,964 | 16,106 | 16,649 |
| Statistics | 2,736 | 2,827 | 3,082 | 3,461 | 3,896 | 3,967 | 4,104 | 4,166 |
| Physical sciences | 30,691 | 30,385 | 31,038 | 32,341 | 34,298 | 35,761 | 36,375 | 36,901 |
| Astronomy | 832 | 888 | 916 | 990 | 1,080 | 1,119 | 1,191 | 1,211 |
| Chemistry | 18,416 | 18,105 | 18,366 | 19,045 | 20,049 | 20,776 | 21,101 | 21,351 |
| Physics | 10,869 | 10,841 | 11,248 | 11,701 | 12,555 | 13,298 | 13,472 | 13,722 |
| Other | 574 | 551 | 508 | 605 | 614 | 568 | 611 | 617 |
| Psychology | 51,727 | 50,466 | 50,454 | 51,152 | 52,162 | 54,126 | 57,282 | 57,653 |
| Clinical | 12,798 | 12,488 | 12,488 | 12,609 | 13,118 | 13,771 | 14,283 | 13,947 |
| General | 16,071 | 15,429 | 15,638 | 14,969 | 15,364 | 16,089 | 16,620 | 16,622 |
| Nonclinical | 22,858 | 22,549 | 22,328 | 23,574 | 23,680 | 24,266 | 26,379 | 27,084 |
| Social sciences | 84,984 | 83,327 | 85,682 | 90,215 | 95,129 | 97,332 | 99,427 | 102,347 |
| Agricultural economics | 2,014 | 2,079 | 2,161 | 2,187 | 2,318 | 2,195 | 2,127 | 2,158 |
| Anthropology (cultural and social) | 7,633 | 7,626 | 7,491 | 7,481 | 7,789 | 7,826 | 7,750 | 8,150 |
| Economics | 10,562 | 10,748 | 11,408 | 12,009 | 12,316 | 12,318 | 11,805 | 12,132 |
| Geography | 4,250 | 4,036 | 4,304 | 4,383 | 4,721 | 4,809 | 4,800 | 4,750 |
| History and philosophy of science | 557 | 532 | 571 | 663 | 737 | 994 | 965 | 968 |
| Linguistics | 2,799 | 2,674 | 2,744 | 2,875 | 3,028 | 2,941 | 3,187 | 3,074 |
| Political science and public administration | 31,372 | 31,131 | 31,805 | 34,934 | 36,880 | 39,023 | 40,780 | 41,784 |
| Sociology | 9,707 | 9,397 | 9,620 | 9,665 | 9,900 | 9,713 | 9,866 | 9,872 |
| Other | 16,090 | 15,104 | 15,578 | 16,018 | 17,440 | 17,513 | 18,147 | 19,459 |
| Engineering | 101,691 | 104,112 | 109,493 | 119,668 | 127,377 | 123,566 | 120,565 | 123,041 |
| Aerospace | 3,349 | 3,407 | 3,451 | 3,685 | 4,048 | 4,089 | 4,170 | 4,482 |
| Agricultural | 986 | 943 | 947 | 952 | 1,058 | 1,041 | 1,059 | 1,073 |
| Biomedical | 3,069 | 3,197 | 3,599 | 4,338 | 5,301 | 5,807 | 6,067 | 6,482 |
| Chemical | 6,883 | 7,056 | 6,913 | 7,414 | 7,516 | 7,452 | 7,173 | 7,261 |
| Civil | 16,226 | 16,451 | 16,665 | 17,713 | 18,890 | 18,561 | 18,114 | 17,802 |
| Electrical | 31,822 | 33,611 | 36,100 | 39,948 | 41,763 | 38,995 | 37,450 | 38,265 |
| Engineering science/physics | 1,627 | 1,632 | 1,798 | 2,121 | 2,240 | 2,198 | 1,951 | 2,046 |
| Industrial/manufacturing | 11,803 | 12,119 | 12,940 | 14,033 | 14,313 | 13,852 | 13,650 | 13,829 |
| Mechanical | 14,956 | 15,235 | 15,852 | 17,139 | 18,393 | 17,852 | 17,373 | 17,919 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Metallurgical and materials | 4,481 | 4,377 | 4,721 | 4,992 | 5,131 | 5,059 | 5,160 | 5,268 |
| Mining | 328 | 287 | 240 | 267 | 278 | 308 | 279 | 244 |
| Nuclear | 830 | 792 | 801 | 795 | 885 | 971 | 1,013 | 1,099 |
| Petroleum | 642 | 627 | 656 | 766 | 849 | 845 | 808 | 813 |
| Other | 4,689 | 4,378 | 4,810 | 5,505 | 6,712 | 6,536 | 6,298 | 6,458 |
| U.S. citizens and permanent residents | 301,254 | 290,651 | 294,608 | 309,119 | 327,181 | 332,022 | 338,513 | 343,603 |
| Science | 241,066 | 234,000 | 237,718 | 247,842 | 259,871 | 265,643 | 271,962 | 275,905 |
| Agricultural sciences | 9,774 | 9,612 | 9,722 | 10,085 | 10,601 | 10,750 | 10,464 | 10,341 |
| Biological sciences | 45,770 | 44,521 | 45,196 | 47,253 | 49,865 | 50,734 | 52,012 | 53,034 |
| Anatomy | 596 | 618 | 559 | 707 | 705 | 718 | 743 | 746 |
| Biochemistry | 3,646 | 3,377 | 3,332 | 3,459 | 3,655 | 3,615 | 3,725 | 3,737 |
| Biology | 11,997 | 11,353 | 11,159 | 11,377 | 12,201 | 12,657 | 12,662 | 13,231 |
| Biometry and epidemiology | 2,953 | 2,794 | 2,914 | 2,972 | 3,243 | 3,462 | 3,603 | 3,553 |
| Biophysics | 556 | 547 | 614 | 654 | 713 | 805 | 808 | 818 |
| Botany | 1,386 | 1,320 | 1,347 | 1,355 | 1,317 | 1,229 | 1,195 | 1,148 |
| Cell and molecular biology | 3,739 | 3,789 | 3,778 | 4,113 | 4,257 | 4,205 | 4,489 | 4,729 |
| Ecology | 1,530 | 1,576 | 1,694 | 1,749 | 1,958 | 1,913 | 1,916 | 1,905 |
| Entomology and parasitology | 843 | 824 | 895 | 908 | 920 | 938 | 844 | 824 |
| Genetics | 1,400 | 1,335 | 1,399 | 1,476 | 1,558 | 1,564 | 1,565 | 1,556 |
| Microbiology, immunology, and virology | 3,872 | 3,879 | 3,794 | 4,011 | 4,113 | 4,147 | 4,181 | 4,225 |
| Nutrition | 3,444 | 3,297 | 3,269 | 3,377 | 3,495 | 3,595 | 3,666 | 3,850 |
| Pathology | 1,285 | 1,230 | 1,344 | 1,314 | 1,210 | 1,241 | 1,253 | 1,292 |
| Pharmacology | 2,188 | 2,338 | 2,492 | 2,554 | 2,584 | 2,318 | 2,261 | 2,243 |
| Physiology | 1,629 | 1,569 | 1,536 | 1,622 | 1,807 | 1,890 | 1,933 | 1,953 |
| Zoology | 1,364 | 1,271 | 1,210 | 1,130 | 1,121 | 1,054 | 1,053 | 948 |
| Other | 3,342 | 3,404 | 3,860 | 4,475 | 5,008 | 5,383 | 6,115 | 6,276 |
| Computer sciences | 25,323 | 25,088 | 26,142 | 28,203 | 29,420 | 28,261 | 27,409 | 26,675 |
| Earth, atmospheric, and ocean sciences | 11,563 | 11,249 | 11,059 | 11,463 | 11,837 | 12,337 | 12,058 | 12,153 |
| Atmospheric | 639 | 659 | 639 | 721 | 861 | 813 | 849 | 821 |
| Earth | 5,413 | 5,294 | 5,189 | 5,333 | 5,456 | 5,906 | 5,785 | 5,749 |
| Ocean | 2,108 | 2,142 | 2,071 | 2,152 | 2,206 | 2,304 | 2,270 | 2,267 |
| Other | 3,403 | 3,154 | 3,160 | 3,257 | 3,314 | 3,314 | 3,154 | 3,316 |
| Mathematics and statistics | 10,330 | 9,593 | 10,167 | 11,139 | 12,057 | 12,524 | 12,768 | 13,219 |
| Mathematics/applied mathematics | 8,861 | 8,146 | 8,722 | 9,488 | 10,264 | 10,640 | 10,825 | 11,290 |
| Statistics | 1,469 | 1,447 | 1,445 | 1,651 | 1,793 | 1,884 | 1,943 | 1,929 |
| Physical sciences | 19,559 | 18,730 | 18,835 | 19,251 | 20,171 | 21,148 | 21,675 | 22,144 |
| Astronomy | 593 | 617 | 633 | 687 | 747 | 749 | 828 | 845 |
| Chemistry | 12,331 | 11,883 | 11,797 | 11,792 | 12,168 | 12,637 | 12,833 | 13,050 |
| Physics | 6,140 | 5,757 | 5,991 | 6,259 | 6,744 | 7,270 | 7,473 | 7,722 |
| Other | 495 | 473 | 414 | 513 | 512 | 492 | 541 | 527 |
| Psychology | 49,488 | 48,203 | 47,933 | 48,295 | 49,055 | 50,932 | 54,228 | 54,802 |
| Clinical | 12,402 | 12,098 | 12,060 | 12,014 | 12,499 | 13,327 | 13,781 | 13,506 |
| General | 15,351 | 14,617 | 14,705 | 13,990 | 14,263 | 14,717 | 15,471 | 15,606 |
| Nonclinical | 21,735 | 21,488 | 21,168 | 22,291 | 22,293 | 22,888 | 24,976 | 25,690 |
| Social sciences | 69,259 | 67,004 | 68,664 | 72,153 | 76,865 | 78,957 | 81,348 | 83,537 |
| Agricultural economics | 1,089 | 1,065 | 1,109 | 1,141 | 1,221 | 1,202 | 1,162 | 1,176 |
| Anthropology (cultural and social) | 6,810 | 6,797 | 6,722 | 6,634 | 6,967 | 6,966 | 6,892 | 7,225 |
| Economics | 5,029 | 4,941 | 5,124 | 5,389 | 5,699 | 5,736 | 5,428 | 5,634 |
| Geography | 3,652 | 3,408 | 3,579 | 3,636 | 3,937 | 4,019 | 4,016 | 3,987 |
| History and philosophy of science | 498 | 463 | 501 | 595 | 668 | 925 | 886 | 881 |
| Linguistics | 1,837 | 1,714 | 1,782 | 1,893 | 2,065 | 1,936 | 2,257 | 2,124 |
| Political science and public administration | 27,453 | 26,972 | 27,582 | 30,280 | 32,003 | 34,054 | 35,895 | 36,477 |
| Sociology | 8,449 | 8,065 | 8,228 | 8,275 | 8,485 | 8,356 | 8,481 | 8,493 |
| Other | 14,442 | 13,579 | 14,037 | 14,310 | 15,820 | 15,763 | 16,331 | 17,540 |
| Engineering | 60,188 | 56,651 | 56,890 | 61,277 | 67,310 | 66,379 | 66,551 | 67,698 |
| Aerospace | 1,817 | 1,894 | 1,805 | 1,999 | 2,361 | 2,401 | 2,528 | 2,998 |
| Agricultural | 562 | 546 | 530 | 529 | 568 | 556 | 538 | 524 |
| Biomedical | 2,218 | 2,248 | 2,470 | 2,822 | 3,397 | 3,675 | 3,921 | 4,298 |

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| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemical | 3,869 | 3,711 | 3,398 | 3,686 | 3,736 | 3,753 | 3,675 | 3,685 |
| Civil | 10,801 | 10,306 | 10,072 | 10,553 | 11,458 | 11,436 | 11,415 | 11,421 |
| Electrical | 16,517 | 15,315 | 15,534 | 16,579 | 18,118 | 16,878 | 16,662 | 16,166 |
| Engineering science/physics | 1,093 | 955 | 1,054 | 1,239 | 1,230 | 1,187 | 1,096 | 1,170 |
| Industrial/manufacturing | 8,073 | 7,574 | 7,588 | 8,290 | 8,820 | 8,763 | 9,071 | 9,249 |
| Mechanical | 8,760 | 8,052 | 8,141 | 8,562 | 9,602 | 9,724 | 9,719 | 10,205 |
| Metallurgical and materials | 2,438 | 2,265 | 2,385 | 2,482 | 2,546 | 2,501 | 2,518 | 2,690 |
| Mining | 219 | 155 | 136 | 165 | 167 | 189 | 161 | 129 |
| Nuclear | 498 | 457 | 445 | 464 | 532 | 616 | 674 | 780 |
| Petroleum | 148 | 265 | 267 | 298 | 174 | 194 | 192 | 195 |
| Other | 3,175 | 2,908 | 3,065 | 3,609 | 4,601 | 4,506 | 4,381 | 4,188 |
| White | 216,750 | 205,569 | 206,018 | 213,135 | 222,674 | 224,850 | 225,776 | 227,993 |
| Science | 174,687 | 166,486 | 167,559 | 172,576 | 179,205 | 181,615 | 182,908 | 184,700 |
| Agricultural sciences | 8,383 | 8,152 | 8,147 | 8,486 | 8,799 | 8,936 | 8,662 | 8,384 |
| Biological sciences | 34,319 | 33,255 | 33,193 | 34,568 | 35,809 | 36,053 | 36,627 | 37,163 |
| Anatomy | 447 | 470 | 440 | 507 | 503 | 491 | 523 | 523 |
| Biochemistry | 2,665 | 2,532 | 2,373 | 2,509 | 2,515 | 2,573 | 2,582 | 2,629 |
| Biology | 8,929 | 8,447 | 8,309 | 8,468 | 8,921 | 9,147 | 9,112 | 9,349 |
| Biometry and epidemiology | 2,022 | 1,851 | 1,920 | 1,964 | 2,155 | 2,237 | 2,227 | 2,208 |
| Biophysics | 383 | 374 | 425 | 460 | 502 | 586 | 562 | 592 |
| Botany | 1,189 | 1,133 | 1,122 | 1,087 | 1,065 | 968 | 966 | 904 |
| Cell and molecular biology | 2,773 | 2,708 | 2,628 | 2,816 | 2,860 | 2,876 | 2,986 | 3,129 |
| Ecology | 1,363 | 1,360 | 1,466 | 1,507 | 1,634 | 1,597 | 1,593 | 1,556 |
| Entomology and parasitology | 757 | 733 | 764 | 794 | 800 | 816 | 713 | 689 |
| Genetics | 1,022 | 977 | 1,029 | 1,084 | 1,107 | 1,132 | 1,164 | 1,146 |
| Microbiology, immunology, and virology | 2,791 | 2,799 | 2,658 | 2,814 | 2,832 | 2,865 | 2,857 | 2,890 |
| Nutrition | 2,667 | 2,566 | 2,445 | 2,546 | 2,575 | 2,559 | 2,593 | 2,809 |
| Pathology | 926 | 906 | 962 | 937 | 834 | 874 | 890 | 919 |
| Pharmacology | 1,589 | 1,731 | 1,779 | 1,795 | 1,809 | 1,567 | 1,514 | 1,469 |
| Physiology | 1,119 | 1,064 | 1,035 | 1,086 | 1,210 | 1,218 | 1,264 | 1,270 |
| Zoology | 1,240 | 1,147 | 1,088 | 1,006 | 985 | 932 | 922 | 829 |
| Other | 2,437 | 2,457 | 2,750 | 3,188 | 3,502 | 3,615 | 4,159 | 4,252 |
| Computer sciences | 14,377 | 14,468 | 15,057 | 15,962 | 17,260 | 16,938 | 16,555 | 15,943 |
| Earth, atmospheric, and ocean sciences | 10,007 | 9,812 | 9,573 | 9,799 | 9,963 | 10,342 | 10,126 | 10,116 |
| Atmospheric | 552 | 557 | 547 | 623 | 713 | 663 | 697 | 690 |
| Earth | 4,796 | 4,720 | 4,603 | 4,639 | 4,691 | 5,111 | 5,010 | 4,896 |
| Ocean | 1,815 | 1,872 | 1,769 | 1,845 | 1,871 | 1,933 | 1,896 | 1,898 |
| Other | 2,844 | 2,663 | 2,654 | 2,692 | 2,688 | 2,635 | 2,523 | 2,632 |
| Mathematics and statistics | 7,659 | 6,955 | 7,386 | 7,923 | 8,414 | 8,859 | 8,916 | 9,201 |
| Mathematics/applied mathematics | 6,560 | 5,905 | 6,313 | 6,758 | 7,130 | 7,601 | 7,662 | 7,917 |
| Statistics | 1,099 | 1,050 | 1,073 | 1,165 | 1,284 | 1,258 | 1,254 | 1,284 |
| Physical sciences | 15,037 | 14,343 | 14,248 | 14,620 | 15,107 | 15,726 | 16,299 | 16,325 |
| Astronomy | 511 | 523 | 527 | 570 | 610 | 631 | 677 | 683 |
| Chemistry | 9,394 | 9,028 | 8,977 | 8,926 | 8,955 | 9,171 | 9,435 | 9,314 |
| Physics | 4,840 | 4,514 | 4,485 | 4,789 | 5,209 | 5,600 | 5,765 | 5,937 |
| Other | 292 | 278 | 259 | 335 | 333 | 324 | 422 | 391 |
| Psychology | 36,267 | 33,801 | 33,569 | 33,464 | 33,552 | 33,580 | 34,359 | 35,045 |
| Clinical | 9,212 | 8,662 | 8,361 | 8,185 | 8,472 | 8,632 | 8,608 | 8,610 |
| General | 11,409 | 10,446 | 10,503 | 10,080 | 9,975 | 10,037 | 10,584 | 10,545 |
| Nonclinical | 15,646 | 14,693 | 14,705 | 15,199 | 15,105 | 14,911 | 15,167 | 15,890 |
| Social sciences | 48,638 | 45,700 | 46,386 | 47,754 | 50,301 | 51,181 | 51,364 | 52,523 |
| Agricultural economics | 881 | 866 | 888 | 914 | 998 | 965 | 912 | 911 |
| Anthropology (cultural and social) | 5,440 | 5,311 | 5,190 | 5,153 | 5,316 | 5,258 | 5,097 | 5,287 |
| Economics | 3,595 | 3,448 | 3,504 | 3,567 | 3,780 | 3,854 | 3,713 | 3,768 |
| Geography | 3,131 | 2,906 | 3,048 | 3,068 | 3,255 | 3,314 | 3,273 | 3,220 |
| History and philosophy of science | 424 | 386 | 414 | 426 | 514 | 700 | 679 | 673 |
| Linguistics | 1,375 | 1,237 | 1,293 | 1,335 | 1,418 | 1,349 | 1,540 | 1,503 |
| Political science and public administration | 18,317 | 17,401 | 17,635 | 18,785 | 19,525 | 20,468 | 20,966 | 21,242 |

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| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Sociology | 5,796 | 5,445 | 5,590 | 5,549 | 5,602 | 5,535 | 5,560 | 5,597 |
| Other | 9,679 | 8,700 | 8,824 | 8,957 | 9,893 | 9,738 | 9,624 | 10,322 |
| Engineering | 42,063 | 39,083 | 38,459 | 40,559 | 43,469 | 43,235 | 42,868 | 43,293 |
| Aerospace | 1,437 | 1,451 | 1,434 | 1,512 | 1,747 | 1,791 | 1,844 | 1,969 |
| Agricultural | 454 | 429 | 402 | 427 | 464 | 463 | 441 | 425 |
| Biomedical | 1,633 | 1,602 | 1,668 | 1,894 | 2,163 | 2,314 | 2,424 | 2,626 |
| Chemical | 2,805 | 2,627 | 2,417 | 2,565 | 2,554 | 2,666 | 2,561 | 2,556 |
| Civil | 8,088 | 7,759 | 7,492 | 7,707 | 8,333 | 8,270 | 8,139 | 7,971 |
| Electrical | 9,897 | 8,982 | 8,876 | 9,121 | 9,709 | 9,444 | 9,150 | 8,875 |
| Engineering science/physics | 787 | 673 | 717 | 893 | 928 | 865 | 793 | 830 |
| Industrial/manufacturing | 5,761 | 5,329 | 5,255 | 5,668 | 5,680 | 5,484 | 5,658 | 5,586 |
| Mechanical | 6,491 | 6,005 | 5,932 | 6,254 | 6,883 | 6,998 | 6,898 | 7,337 |
| Metallurgical and materials | 1,935 | 1,751 | 1,839 | 1,882 | 1,909 | 1,815 | 1,859 | 1,926 |
| Mining | 162 | 133 | 115 | 136 | 138 | 157 | 121 | 108 |
| Nuclear | 424 | 382 | 364 | 383 | 439 | 492 | 534 | 603 |
| Petroleum | 124 | 110 | 112 | 121 | 125 | 123 | 114 | 117 |
| Other | 2,065 | 1,850 | 1,836 | 1,996 | 2,397 | 2,353 | 2,332 | 2,364 |
| Asian/Pacific Islander | 27,570 | 24,998 | 26,494 | 29,229 | 31,786 | 30,645 | 30,574 | 30,179 |
| Science | 19,409 | 17,784 | 18,568 | 19,930 | 21,099 | 20,933 | 20,844 | 21,000 |
| Agricultural sciences | 310 | 250 | 262 | 286 | 316 | 329 | 290 | 338 |
| Biological sciences | 4,476 | 4,246 | 4,701 | 4,826 | 5,158 | 5,277 | 5,420 | 5,709 |
| Anatomy | 71 | 74 | 63 | 92 | 91 | 100 | 85 | 85 |
| Biochemistry | 541 | 423 | 477 | 412 | 466 | 444 | 458 | 466 |
| Biology | 793 | 721 | 725 | 731 | 819 | 893 | 871 | 1,038 |
| Biometry and epidemiology | 387 | 424 | 444 | 497 | 488 | 554 | 581 | 587 |
| Biophysics | 100 | 101 | 129 | 119 | 126 | 113 | 131 | 113 |
| Botany | 73 | 73 | 94 | 119 | 108 | 94 | 76 | 84 |
| Cell and molecular biology | 496 | 508 | 527 | 584 | 601 | 563 | 668 | 702 |
| Ecology | 45 | 42 | 47 | 43 | 55 | 51 | 53 | 62 |
| Entomology and parasitology | 19 | 24 | 46 | 27 | 29 | 34 | 28 | 30 |
| Genetics | 161 | 109 | 138 | 159 | 193 | 172 | 157 | 173 |
| Microbiology, immunology, and virology | 412 | 417 | 479 | 467 | 492 | 487 | 487 | 507 |
| Nutrition | 255 | 224 | 254 | 246 | 299 | 304 | 333 | 297 |
| Pathology | 180 | 155 | 181 | 188 | 183 | 183 | 161 | 166 |
| Pharmacology | 288 | 289 | 365 | 374 | 341 | 305 | 307 | 330 |
| Physiology | 276 | 268 | 288 | 309 | 331 | 383 | 372 | 324 |
| Zoology | 33 | 27 | 32 | 29 | 31 | 40 | 35 | 29 |
| Other | 346 | 367 | 412 | 430 | 505 | 557 | 617 | 716 |
| Computer sciences | 6,144 | 5,332 | 5,427 | 5,953 | 5,767 | 5,102 | 4,573 | 4,222 |
| Earth, atmospheric, and ocean sciences | 400 | 351 | 341 | 346 | 355 | 428 | 400 | 389 |
| Atmospheric | 41 | 41 | 26 | 22 | 46 | 53 | 44 | 35 |
| Earth | 144 | 132 | 139 | 149 | 126 | 149 | 136 | 141 |
| Ocean | 67 | 64 | 51 | 64 | 48 | 69 | 65 | 57 |
| Other | 148 | 114 | 125 | 111 | 135 | 157 | 155 | 156 |
| Mathematics and statistics | 1,002 | 948 | 985 | 1,184 | 1,364 | 1,298 | 1,372 | 1,413 |
| Mathematics/applied mathematics | 799 | 742 | 826 | 958 | 1,124 | 1,004 | 1,030 | 1,087 |
| Statistics | 203 | 206 | 159 | 226 | 240 | 294 | 342 | 326 |
| Physical sciences | 1,682 | 1,524 | 1,458 | 1,424 | 1,577 | 1,678 | 1,631 | 1,753 |
| Astronomy | 31 | 33 | 36 | 44 | 53 | 38 | 46 | 54 |
| Chemistry | 1,133 | 1,079 | 983 | 950 | 1,061 | 1,123 | 1,093 | 1,173 |
| Physics | 490 | 393 | 422 | 405 | 431 | 492 | 470 | 500 |
| Other | 28 | 19 | 17 | 25 | 32 | 25 | 22 | 26 |
| Psychology | 2,038 | 2,063 | 2,176 | 2,186 | 2,374 | 2,443 | 2,551 | 2,612 |
| Clinical | 579 | 569 | 578 | 554 | 610 | 671 | 670 | 663 |
| General | 672 | 710 | 737 | 667 | 785 | 812 | 868 | 860 |
| Nonclinical | 787 | 784 | 861 | 965 | 979 | 960 | 1,013 | 1,089 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Social sciences | 3,357 | 3,070 | 3,218 | 3,725 | 4,188 | 4,378 | 4,607 | 4,564 |
| Agricultural economics | 53 | 30 | 29 | 39 | 39 | 45 | 43 | 52 |
| Anthropology (cultural and social) | 256 | 260 | 253 | 252 | 283 | 294 | 308 | 311 |
| Economics | 597 | 476 | 495 | 584 | 655 | 618 | 593 | 600 |
| Geography | 101 | 85 | 99 | 114 | 140 | 144 | 154 | 166 |
| History and philosophy of science | 20 | 20 | 21 | 28 | 29 | 48 | 36 | 35 |
| Linguistics | 148 | 106 | 154 | 183 | 215 | 176 | 247 | 177 |
| Political science and public administration | 1,163 | 1,206 | 1,225 | 1,489 | 1,622 | 1,784 | 1,950 | 1,970 |
| Sociology | 406 | 367 | 374 | 387 | 456 | 402 | 397 | 433 |
| Other | 613 | 520 | 568 | 649 | 749 | 867 | 879 | 820 |
| Engineering | 8,161 | 7,214 | 7,926 | 9,299 | 10,687 | 9,712 | 9,730 | 9,179 |
| Aerospace | 153 | 206 | 138 | 186 | 207 | 212 | 251 | 312 |
| Agricultural | 41 | 38 | 45 | 40 | 36 | 47 | 37 | 34 |
| Biomedical | 308 | 361 | 426 | 495 | 643 | 742 | 795 | 877 |
| Chemical | 486 | 486 | 474 | 551 | 540 | 453 | 493 | 496 |
| Civil | 931 | 744 | 771 | 855 | 1,024 | 997 | 1,006 | 957 |
| Electrical | 3,491 | 3,119 | 3,454 | 4,079 | 4,606 | 3,823 | 3,762 | 3,414 |
| Engineering science/physics | 170 | 103 | 123 | 161 | 152 | 163 | 143 | 159 |
| Industrial/manufacturing | 784 | 628 | 667 | 850 | 998 | 929 | 1,026 | 1,010 |
| Mechanical | 1,008 | 759 | 903 | 870 | 994 | 973 | 962 | 940 |
| Metallurgical and materials | 240 | 246 | 244 | 298 | 316 | 346 | 315 | 337 |
| Mining | 50 | 11 | 12 | 21 | 5 | 6 | 6 | 1 |
| Nuclear | 22 | 24 | 27 | 31 | 30 | 42 | 47 | 45 |
| Petroleum | 11 | 38 | 39 | 44 | 12 | 24 | 21 | 15 |
| Other | 466 | 451 | 603 | 818 | 1,124 | 955 | 866 | 582 |
| Black | 20,273 | 20,834 | 21,455 | 22,668 | 24,174 | 24,624 | 25,248 | 25,664 |
| Science | 17,308 | 17,857 | 18,540 | 19,594 | 20,962 | 21,225 | 21,778 | 22,092 |
| Agricultural sciences | 310 | 292 | 327 | 375 | 460 | 394 | 417 | 453 |
| Biological sciences | 2,218 | 2,241 | 2,351 | 2,479 | 2,757 | 2,902 | 2,991 | 3,071 |
| Anatomy | 31 | 31 | 20 | 37 | 37 | 50 | 48 | 40 |
| Biochemistry | 140 | 144 | 129 | 123 | 159 | 156 | 169 | 180 |
| Biology | 744 | 745 | 755 | 690 | 796 | 786 | 795 | 840 |
| Biometry and epidemiology | 188 | 164 | 176 | 201 | 229 | 263 | 282 | 276 |
| Biophysics | 17 | 17 | 17 | 18 | 17 | 23 | 24 | 29 |
| Botany | 22 | 16 | 24 | 29 | 26 | 18 | 17 | 24 |
| Cell and molecular biology | 114 | 135 | 143 | 160 | 168 | 186 | 176 | 208 |
| Ecology | 22 | 24 | 26 | 24 | 43 | 27 | 28 | 27 |
| Entomology and parasitology | 17 | 14 | 15 | 17 | 15 | 11 | 14 | 19 |
| Genetics | 55 | 57 | 56 | 60 | 75 | 68 | 70 | 66 |
| Microbiology, immunology, and virology | 186 | 191 | 178 | 218 | 245 | 244 | 255 | 259 |
| Nutrition | 218 | 208 | 231 | 252 | 246 | 297 | 274 | 263 |
| Pathology | 49 | 44 | 51 | 52 | 56 | 62 | 70 | 78 |
| Pharmacology | 151 | 147 | 169 | 173 | 185 | 193 | 184 | 164 |
| Physiology | 78 | 102 | 98 | 94 | 102 | 105 | 97 | 108 |
| Zoology | 16 | 13 | 10 | 16 | 11 | 11 | 12 | 12 |
| Other | 170 | 189 | 253 | 315 | 347 | 402 | 476 | 478 |
| Computer sciences | 1,485 | 1,512 | 1,709 | 1,898 | 1,951 | 1,799 | 1,761 | 1,774 |
| Earth, atmospheric, and ocean sciences | 213 | 220 | 227 | 266 | 270 | 261 | 262 | 263 |
| Atmospheric | 7 | 18 | 19 | 25 | 32 | 36 | 30 | 26 |
| Earth | 62 | 56 | 57 | 64 | 75 | 84 | 82 | 71 |
| Ocean | 28 | 28 | 31 | 36 | 35 | 30 | 37 | 41 |
| Other | 116 | 118 | 120 | 141 | 128 | 111 | 113 | 125 |
| Mathematics and statistics | 594 | 572 | 590 | 626 | 655 | 696 | 720 | 711 |
| Mathematics/applied mathematics | 543 | 509 | 525 | 546 | 561 | 583 | 616 | 607 |
| Statistics | 51 | 63 | 65 | 80 | 94 | 113 | 104 | 104 |
| Physical sciences | 903 | 918 | 875 | 893 | 939 | 993 | 1,006 | 1,009 |
| Astronomy | 9 | 9 | 12 | 10 | 9 | 10 | 10 | 11 |
| Chemistry | 633 | 650 | 631 | 636 | 663 | 711 | 692 | 732 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Physics | 234 | 235 | 211 | 220 | 236 | 248 | 272 | 229 |
| Other | 27 | 24 | 21 | 27 | 31 | 24 | 32 | 37 |
| Psychology | 3,749 | 4,214 | 4,343 | 4,487 | 4,692 | 4,990 | 5,238 | 5,089 |
| Clinical | 710 | 756 | 740 | 786 | 853 | 895 | 872 | 870 |
| General | 1,385 | 1,413 | 1,439 | 1,484 | 1,536 | 1,785 | 1,658 | 1,536 |
| Nonclinical | 1,654 | 2,045 | 2,164 | 2,217 | 2,303 | 2,310 | 2,708 | 2,683 |
| Social sciences | 7,836 | 7,888 | 8,118 | 8,570 | 9,238 | 9,190 | 9,383 | 9,722 |
| Agricultural economics | 84 | 80 | 76 | 83 | 78 | 52 | 65 | 67 |
| Anthropology (cultural and social) | 291 | 270 | 274 | 248 | 276 | 272 | 277 | 278 |
| Economics | 291 | 317 | 314 | 322 | 363 | 382 | 319 | 355 |
| Geography | 92 | 86 | 114 | 112 | 141 | 150 | 160 | 154 |
| History and philosophy of science | 14 | 14 | 16 | 24 | 25 | 30 | 42 | 31 |
| Linguistics | 49 | 44 | 47 | 44 | 49 | 47 | 64 | 46 |
| Political science and public administration | 4,097 | 4,073 | 4,264 | 4,632 | 4,849 | 4,917 | 4,932 | 5,063 |
| Sociology | 1,159 | 1,098 | 1,132 | 1,132 | 1,201 | 1,164 | 1,194 | 1,140 |
| Other | 1,759 | 1,906 | 1,881 | 1,973 | 2,256 | 2,176 | 2,330 | 2,588 |
| Engineering | 2,965 | 2,977 | 2,915 | 3,074 | 3,212 | 3,399 | 3,470 | 3,572 |
| Aerospace | 52 | 57 | 45 | 51 | 59 | 68 | 73 | 79 |
| Agricultural | 27 | 26 | 30 | 27 | 30 | 23 | 25 | 27 |
| Biomedical | 100 | 111 | 118 | 141 | 156 | 191 | 192 | 204 |
| Chemical | 147 | 168 | 167 | 160 | 173 | 169 | 146 | 149 |
| Civil | 450 | 448 | 431 | 453 | 428 | 453 | 456 | 508 |
| Electrical | 886 | 830 | 812 | 846 | 812 | 850 | 843 | 828 |
| Engineering science/physics | 35 | 34 | 33 | 36 | 42 | 38 | 36 | 44 |
| Industrial/manufacturing | 541 | 557 | 591 | 616 | 685 | 714 | 764 | 763 |
| Mechanical | 375 | 396 | 354 | 358 | 382 | 369 | 411 | 419 |
| Metallurgical and materials | 92 | 94 | 107 | 112 | 110 | 105 | 102 | 129 |
| Mining | 1 | 5 | 1 | 1 | 2 | 5 | 3 | 3 |
| Nuclear | 15 | 17 | 13 | 11 | 12 | 20 | 21 | 18 |
| Petroleum | 5 | 7 | 4 | 6 | 11 | 21 | 31 | 24 |
| Other | 239 | 227 | 209 | 256 | 310 | 373 | 367 | 377 |
| Hispanic | 16,520 | 17,203 | 17,974 | 19,634 | 21,241 | 22,212 | 23,387 | 24,140 |
| Science | 13,596 | 14,185 | 14,791 | 16,173 | 17,262 | 18,048 | 19,297 | 19,759 |
| Agricultural sciences | 422 | 440 | 425 | 406 | 490 | 524 | 506 | 535 |
| Biological sciences | 2,185 | 2,183 | 2,338 | 2,585 | 2,830 | 2,993 | 3,146 | 3,289 |
| Anatomy | 26 | 24 | 21 | 38 | 42 | 38 | 41 | 51 |
| Biochemistry | 152 | 144 | 171 | 184 | 229 | 212 | 243 | 254 |
| Biology | 676 | 708 | 700 | 786 | 807 | 829 | 874 | 932 |
| Biometry and epidemiology | 164 | 167 | 149 | 170 | 196 | 195 | 193 | 193 |
| Biophysics | 17 | 14 | 20 | 20 | 28 | 30 | 37 | 32 |
| Botany | 47 | 36 | 42 | 47 | 38 | 63 | 49 | 61 |
| Cell and molecular biology | 153 | 157 | 181 | 213 | 225 | 242 | 280 | 326 |
| Ecology | 41 | 51 | 58 | 59 | 54 | 65 | 71 | 80 |
| Entomology and parasitology | 27 | 31 | 39 | 35 | 41 | 38 | 47 | 42 |
| Genetics | 59 | 57 | 68 | 67 | 61 | 62 | 63 | 62 |
| Microbiology, immunology, and virology | 201 | 196 | 220 | 243 | 272 | 295 | 307 | 308 |
| Nutrition | 186 | 152 | 162 | 167 | 201 | 242 | 205 | 205 |
| Pathology | 56 | 54 | 67 | 62 | 63 | 62 | 59 | 59 |
| Pharmacology | 92 | 112 | 116 | 127 | 134 | 143 | 145 | 145 |
| Physiology | 84 | 65 | 60 | 66 | 81 | 94 | 104 | 115 |
| Zoology | 31 | 28 | 29 | 28 | 32 | 28 | 36 | 27 |
| Other | 173 | 187 | 235 | 273 | 326 | 355 | 392 | 397 |
| Computer sciences | 865 | 863 | 894 | 1,004 | 1,101 | 1,142 | 1,199 | 1,207 |
| Earth, atmospheric, and ocean sciences | 400 | 355 | 397 | 413 | 484 | 538 | 508 | 540 |
| Atmospheric | 7 | 12 | 15 | 16 | 21 | 27 | 36 | 30 |
| Earth | 154 | 136 | 155 | 163 | 187 | 217 | 206 | 217 |
| Ocean | 132 | 113 | 137 | 131 | 158 | 161 | 150 | 151 |
| Other | 107 | 94 | 90 | 103 | 118 | 133 | 116 | 142 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Mathematics and statistics | 447 | 460 | 482 | 542 | 604 | 625 | 633 | 695 |
| Mathematics/applied mathematics | 399 | 413 | 442 | 494 | 538 | 551 | 565 | 621 |
| Statistics | 48 | 47 | 40 | 48 | 66 | 74 | 68 | 74 |
| Physical sciences | 895 | 844 | 896 | 981 | 1,094 | 1,233 | 1,242 | 1,256 |
| Astronomy | 13 | 17 | 17 | 17 | 25 | 23 | 27 | 27 |
| Chemistry | 618 | 602 | 629 | 668 | 750 | 838 | 823 | 823 |
| Physics | 229 | 202 | 239 | 274 | 297 | 343 | 358 | 374 |
| Other | 35 | 23 | 11 | 22 | 22 | 29 | 34 | 32 |
| Psychology | 3,567 | 4,145 | 4,309 | 4,655 | 4,677 | 4,791 | 5,101 | 5,222 |
| Clinical | 1,182 | 1,403 | 1,492 | 1,588 | 1,624 | 1,732 | 1,755 | 1,731 |
| General | 926 | 965 | 1,002 | 922 | 977 | 1,025 | 1,180 | 1,293 |
| Nonclinical | 1,459 | 1,777 | 1,815 | 2,145 | 2,076 | 2,034 | 2,166 | 2,198 |
| Social sciences | 4,815 | 4,895 | 5,050 | 5,587 | 5,982 | 6,202 | 6,962 | 7,015 |
| Agricultural economics | 36 | 39 | 40 | 30 | 42 | 50 | 54 | 53 |
| Anthropology (cultural and social) | 327 | 368 | 383 | 409 | 436 | 453 | 472 | 491 |
| Economics | 247 | 238 | 306 | 332 | 369 | 359 | 336 | 353 |
| Geography | 111 | 103 | 107 | 123 | 151 | 143 | 153 | 154 |
| History and philosophy of science | 22 | 17 | 18 | 55 | 38 | 56 | 60 | 64 |
| Linguistics | 135 | 142 | 126 | 140 | 136 | 148 | 163 | 125 |
| Political science and public administration | 2,166 | 2,303 | 2,223 | 2,587 | 2,749 | 2,960 | 3,298 | 3,235 |
| Sociology | 674 | 634 | 636 | 686 | 709 | 693 | 718 | 721 |
| Other | 1,097 | 1,051 | 1,211 | 1,225 | 1,352 | 1,340 | 1,708 | 1,819 |
| Engineering | 2,924 | 3,018 | 3,183 | 3,461 | 3,979 | 4,164 | 4,090 | 4,381 |
| Aerospace | 80 | 80 | 71 | 92 | 119 | 118 | 116 | 136 |
| Agricultural | 17 | 23 | 28 | 22 | 14 | 8 | 13 | 16 |
| Biomedical | 85 | 91 | 101 | 114 | 155 | 180 | 192 | 237 |
| Chemical | 182 | 182 | 180 | 206 | 249 | 249 | 240 | 277 |
| Civil | 701 | 776 | 747 | 778 | 846 | 898 | 896 | 967 |
| Electrical | 769 | 717 | 825 | 941 | 1,094 | 1,097 | 1,090 | 1,044 |
| Engineering science/physics | 44 | 36 | 40 | 47 | 49 | 45 | 43 | 46 |
| Industrial/manufacturing | 426 | 439 | 469 | 477 | 562 | 629 | 579 | 664 |
| Mechanical | 388 | 366 | 407 | 450 | 537 | 566 | 575 | 621 |
| Metallurgical and materials | 75 | 84 | 80 | 79 | 98 | 99 | 106 | 98 |
| Mining | 2 | 2 | 3 | 3 | 3 | 10 | 9 | 5 |
| Nuclear | 28 | 30 | 34 | 26 | 31 | 28 | 38 | 60 |
| Petroleum | 5 | 59 | 63 | 57 | 13 | 15 | 17 | 22 |
| Other | 122 | 133 | 135 | 169 | 209 | 222 | 176 | 188 |
| American Indian/Alaska Native | 1,553 | 1,602 | 1,683 | 1,734 | 1,879 | 1,848 | 1,958 | 2,112 |
| Science | 1,311 | 1,394 | 1,456 | 1,490 | 1,575 | 1,575 | 1,685 | 1,822 |
| Agricultural sciences | 69 | 56 | 58 | 76 | 77 | 82 | 76 | 85 |
| Biological sciences | 186 | 189 | 205 | 210 | 236 | 248 | 277 | 310 |
| Anatomy | 3 | 4 | 3 | 2 | 4 | 2 | 2 | 2 |
| Biochemistry | 6 | 8 | 15 | 8 | 11 | 10 | 15 | 22 |
| Biology | 59 | 58 | 52 | 50 | 56 | 53 | 67 | 67 |
| Biometry and epidemiology | 7 | 11 | 11 | 14 | 16 | 15 | 15 | 18 |
| Biophysics | 1 | 1 | 1 | 2 | 1 | 7 | 3 | 7 |
| Botany | 4 | 3 | 9 | 10 | 10 | 10 | 8 | 12 |
| Cell and molecular biology | 9 | 13 | 11 | 12 | 14 | 18 | 23 | 32 |
| Ecology | 5 | 5 | 8 | 6 | 10 | 12 | 11 | 10 |
| Entomology and parasitology | 1 | 1 | 2 | 5 | 4 | 6 | 9 | 8 |
| Genetics | 4 | 6 | 7 | 7 | 12 | 13 | 10 | 11 |
| Microbiology, immunology, and virology | 15 | 21 | 13 | 24 | 14 | 18 | 16 | 21 |
| Nutrition | 15 | 13 | 15 | 14 | 13 | 9 | 15 | 13 |
| Pathology | 7 | 6 | 11 | 3 | 3 | 5 | 8 | 4 |
| Pharmacology | 14 | 8 | 10 | 15 | 19 | 21 | 20 | 22 |
| Physiology | 8 | 3 | 7 | 8 | 11 | 13 | 12 | 10 |
| Zoology | 7 | 7 | 8 | 6 | 8 | 7 | 10 | 12 |
| Other | 21 | 21 | 22 | 24 | 30 | 29 | 33 | 39 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Computer sciences | 74 | 80 | 87 | 83 | 104 | 91 | 100 | 105 |
| Earth, atmospheric, and ocean sciences | 63 | 61 | 70 | 81 | 63 | 67 | 61 | 69 |
| Atmospheric | 2 | 3 | 4 | 4 | 5 | 4 | 3 | 1 |
| Earth | 26 | 27 | 32 | 36 | 26 | 33 | 29 | 36 |
| Ocean | 12 | 10 | 12 | 11 | 8 | 11 | 11 | 11 |
| Other | 23 | 21 | 22 | 30 | 24 | 19 | 18 | 21 |
| Mathematics and statistics | 30 | 25 | 38 | 24 | 25 | 39 | 38 | 59 |
| Mathematics/applied mathematics | 26 | 20 | 34 | 20 | 24 | 39 | 34 | 55 |
| Statistics | 4 | 5 | 4 | 4 | 1 | 0 | 4 | 4 |
| Physical sciences | 69 | 75 | 81 | 83 | 79 | 78 | 82 | 118 |
| Astronomy | 2 | 1 | 0 | 2 | 3 | 3 | 5 | 8 |
| Chemistry | 53 | 61 | 62 | 58 | 51 | 54 | 53 | 78 |
| Physics | 13 | 12 | 19 | 22 | 24 | 18 | 20 | 26 |
| Other | 1 | 1 | 0 | 1 | 1 | 3 | 4 | 6 |
| Psychology | 300 | 360 | 334 | 320 | 324 | 323 | 332 | 344 |
| Clinical | 93 | 104 | 92 | 101 | 107 | 93 | 88 | 83 |
| General | 96 | 124 | 104 | 87 | 93 | 103 | 99 | 105 |
| Nonclinical | 111 | 132 | 138 | 132 | 124 | 127 | 145 | 156 |
| Social sciences | 520 | 548 | 583 | 613 | 667 | 647 | 719 | 732 |
| Agricultural economics | 7 | 7 | 4 | 4 | 7 | 26 | 23 | 15 |
| Anthropology (cultural and social) | 105 | 109 | 102 | 89 | 99 | 106 | 123 | 145 |
| Economics | 13 | 17 | 21 | 28 | 31 | 30 | 19 | 18 |
| Geography | 14 | 20 | 28 | 26 | 22 | 24 | 34 | 34 |
| History and philosophy of science | 2 | 2 | 2 | 2 | 5 | 7 | 5 | 8 |
| Linguistics | 15 | 13 | 13 | 12 | 16 | 17 | 17 | 21 |
| Political science and public administration | 177 | 175 | 192 | 217 | 241 | 212 | 246 | 241 |
| Sociology | 75 | 75 | 82 | 82 | 83 | 71 | 68 | 65 |
| Other | 112 | 130 | 139 | 153 | 163 | 154 | 184 | 185 |
| Engineering | 242 | 208 | 227 | 244 | 304 | 273 | 273 | 290 |
| Aerospace | 8 | 8 | 8 | 11 | 15 | 16 | 13 | 10 |
| Agricultural | 1 | 3 | 3 | 2 | 2 | 1 | 3 | 5 |
| Biomedical | 8 | 5 | 5 | 6 | 7 | 15 | 13 | 18 |
| Chemical | 16 | 20 | 13 | 21 | 19 | 27 | 24 | 20 |
| Civil | 56 | 39 | 43 | 58 | 65 | 51 | 52 | 62 |
| Electrical | 47 | 37 | 45 | 39 | 63 | 54 | 54 | 46 |
| Engineering science/physics | 6 | 8 | 9 | 9 | 11 | 11 | 9 | 9 |
| Industrial/manufacturing | 39 | 41 | 43 | 34 | 52 | 48 | 51 | 55 |
| Mechanical | 33 | 27 | 32 | 32 | 42 | 24 | 28 | 32 |
| Metallurgical and materials | 10 | 5 | 8 | 11 | 8 | 6 | 5 | 8 |
| Mining | 0 | 1 | 0 | 3 | 4 | 1 | 0 | 1 |
| Nuclear | 2 | 1 | 0 | 2 | 1 | 3 | 3 | 2 |
| Petroleum | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Other | 16 | 12 | 17 | 15 | 15 | 16 | 18 | 22 |
| Other or unknown race/ethnicity | 18,588 | 20,445 | 20,984 | 22,719 | 25,427 | 27,843 | 31,570 | 33,515 |
| Science | 14,755 | 16,294 | 16,804 | 18,079 | 19,768 | 22,247 | 25,450 | 26,532 |
| Agricultural sciences | 280 | 422 | 503 | 456 | 459 | 485 | 513 | 546 |
| Biological sciences | 2,386 | 2,407 | 2,408 | 2,585 | 3,075 | 3,261 | 3,551 | 3,492 |
| Anatomy | 18 | 15 | 12 | 31 | 28 | 37 | 44 | 45 |
| Biochemistry | 142 | 126 | 167 | 223 | 275 | 220 | 258 | 186 |
| Biology | 796 | 674 | 618 | 652 | 802 | 949 | 943 | 1,005 |
| Biometry and epidemiology | 185 | 177 | 214 | 126 | 159 | 198 | 305 | 271 |
| Biophysics | 38 | 40 | 22 | 35 | 39 | 46 | 51 | 45 |
| Botany | 51 | 59 | 56 | 63 | 70 | 76 | 79 | 63 |
| Cell and molecular biology | 194 | 268 | 288 | 328 | 389 | 320 | 356 | 332 |
| Ecology | 54 | 94 | 89 | 110 | 162 | 161 | 160 | 170 |
| Entomology and parasitology | 22 | 21 | 29 | 30 | 31 | 33 | 33 | 36 |
| Genetics | 99 | 129 | 101 | 99 | 110 | 117 | 101 | 98 |
| Microbiology, immunology, and virology | 267 | 255 | 246 | 245 | 258 | 238 | 259 | 240 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Nutrition | 103 | 134 | 162 | 152 | 161 | 184 | 246 | 263 |
| Pathology | 67 | 65 | 72 | 72 | 71 | 55 | 65 | 66 |
| Pharmacology | 54 | 51 | 53 | 70 | 96 | 89 | 91 | 113 |
| Physiology | 64 | 67 | 48 | 59 | 72 | 77 | 84 | 126 |
| Zoology | 37 | 49 | 43 | 45 | 54 | 36 | 38 | 39 |
| Other | 195 | 183 | 188 | 245 | 298 | 425 | 438 | 394 |
| Computer sciences | 2,378 | 2,833 | 2,968 | 3,303 | 3,237 | 3,189 | 3,221 | 3,424 |
| Earth, atmospheric, and ocean sciences | 480 | 450 | 451 | 558 | 702 | 701 | 701 | 776 |
| Atmospheric | 30 | 28 | 28 | 31 | 44 | 30 | 39 | 39 |
| Earth | 231 | 223 | 203 | 282 | 351 | 312 | 322 | 388 |
| Ocean | 54 | 55 | 71 | 65 | 86 | 100 | 111 | 109 |
| Other | 165 | 144 | 149 | 180 | 221 | 259 | 229 | 240 |
| Mathematics and statistics | 598 | 633 | 686 | 840 | 995 | 1,007 | 1,089 | 1,140 |
| Mathematics/applied mathematics | 534 | 557 | 582 | 712 | 887 | 862 | 918 | 1,003 |
| Statistics | 64 | 76 | 104 | 128 | 108 | 145 | 171 | 137 |
| Physical sciences | 973 | 1,026 | 1,277 | 1,250 | 1,375 | 1,440 | 1,415 | 1,683 |
| Astronomy | 27 | 34 | 41 | 44 | 47 | 44 | 63 | 62 |
| Chemistry | 500 | 463 | 515 | 554 | 688 | 740 | 737 | 930 |
| Physics | 334 | 401 | 615 | 549 | 547 | 569 | 588 | 656 |
| Other | 112 | 128 | 106 | 103 | 93 | 87 | 27 | 35 |
| Psychology | 3,567 | 3,620 | 3,202 | 3,183 | 3,436 | 4,805 | 6,647 | 6,490 |
| Clinical | 626 | 604 | 797 | 800 | 833 | 1,304 | 1,788 | 1,549 |
| General | 863 | 959 | 920 | 750 | 897 | 955 | 1,082 | 1,267 |
| Nonclinical | 2,078 | 2,057 | 1,485 | 1,633 | 1,706 | 2,546 | 3,777 | 3,674 |
| Social sciences | 4,093 | 4,903 | 5,309 | 5,904 | 6,489 | 7,359 | 8,313 | 8,981 |
| Agricultural economics | 28 | 43 | 72 | 71 | 57 | 64 | 65 | 78 |
| Anthropology (cultural and social) | 391 | 479 | 520 | 483 | 557 | 583 | 615 | 713 |
| Economics | 286 | 445 | 484 | 556 | 501 | 493 | 448 | 540 |
| Geography | 203 | 208 | 183 | 193 | 228 | 244 | 242 | 259 |
| History and philosophy of science | 16 | 24 | 30 | 60 | 57 | 84 | 64 | 70 |
| Linguistics | 115 | 172 | 149 | 179 | 231 | 199 | 226 | 252 |
| Political science and public administration | 1,533 | 1,814 | 2,043 | 2,570 | 3,017 | 3,713 | 4,503 | 4,726 |
| Sociology | 339 | 446 | 414 | 439 | 434 | 491 | 544 | 537 |
| Other | 1,182 | 1,272 | 1,414 | 1,353 | 1,407 | 1,488 | 1,606 | 1,806 |
| Engineering | 3,833 | 4,151 | 4,180 | 4,640 | 5,659 | 5,596 | 6,120 | 6,983 |
| Aerospace | 87 | 92 | 109 | 147 | 214 | 196 | 231 | 492 |
| Agricultural | 22 | 27 | 22 | 11 | 22 | 14 | 19 | 17 |
| Biomedical | 84 | 78 | 152 | 172 | 273 | 233 | 305 | 336 |
| Chemical | 233 | 228 | 147 | 183 | 201 | 189 | 211 | 187 |
| Civil | 575 | 540 | 588 | 702 | 762 | 767 | 866 | 956 |
| Electrical | 1,427 | 1,630 | 1,522 | 1,553 | 1,834 | 1,610 | 1,763 | 1,959 |
| Engineering science/physics | 51 | 101 | 132 | 93 | 48 | 65 | 72 | 82 |
| Industrial/manufacturing | 522 | 580 | 563 | 645 | 843 | 959 | 993 | 1,171 |
| Mechanical | 465 | 499 | 513 | 598 | 764 | 794 | 845 | 856 |
| Metallurgical and materials | 86 | 85 | 107 | 100 | 105 | 130 | 131 | 192 |
| Mining | 4 | 3 | 5 | 1 | 15 | 10 | 22 | 11 |
| Nuclear | 7 | 3 | 7 | 11 | 19 | 31 | 31 | 52 |
| Petroleum | 3 | 50 | 48 | 69 | 13 | 11 | 9 | 17 |
| Other | 267 | 235 | 265 | 355 | 546 | 587 | 622 | 655 |
| Temporary residents | 109,928 | 122,885 | 134,621 | 145,715 | 147,464 | 143,851 | 139,762 | 142,684 |
| Science | 68,425 | 75,424 | 82,018 | 87,324 | 87,397 | 86,664 | 85,748 | 87,341 |
| Agricultural sciences | 2,538 | 2,411 | 2,513 | 2,613 | 2,596 | 2,695 | 2,659 | 2,675 |
| Biological sciences | 11,189 | 11,761 | 12,443 | 13,835 | 14,836 | 15,831 | 16,467 | 16,907 |
| Anatomy | 153 | 177 | 176 | 199 | 203 | 179 | 195 | 215 |
| Biochemistry | 1,455 | 1,589 | 1,585 | 1,731 | 1,897 | 1,997 | 2,089 | 2,087 |
| Biology | 1,992 | 2,054 | 2,193 | 2,445 | 2,569 | 2,801 | 3,019 | 3,232 |
| Biometry and epidemiology | 751 | 821 | 903 | 1,099 | 1,196 | 1,212 | 1,202 | 1,236 |
| Biophysics | 154 | 204 | 263 | 299 | 319 | 375 | 375 | 385 |

TABLE D-1. S&E graduate students, by field, citizenship, and race/ethnicity: 1999–2006

| Field, citizenship, and race/ethnicity | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Botany | 588 | 584 | 574 | 618 | 584 | 602 | 665 | 702 |
| Cell and molecular biology | 898 | 1,031 | 1,133 | 1,262 | 1,432 | 1,625 | 1,688 | 1,824 |
| Ecology | 174 | 186 | 194 | 218 | 272 | 272 | 249 | 257 |
| Entomology and parasitology | 302 | 280 | 275 | 283 | 286 | 303 | 282 | 290 |
| Genetics | 383 | 377 | 442 | 433 | 515 | 565 | 590 | 598 |
| Microbiology, immunology, and virology | 943 | 935 | 1,004 | 1,197 | 1,143 | 1,228 | 1,220 | 1,099 |
| Nutrition | 1,064 | 1,116 | 1,160 | 1,162 | 1,200 | 1,176 | 1,151 | 1,192 |
| Pathology | 295 | 301 | 293 | 299 | 331 | 316 | 340 | 320 |
| Pharmacology | 569 | 625 | 648 | 680 | 773 | 804 | 853 | 742 |
| Physiology | 454 | 446 | 431 | 454 | 521 | 519 | 466 | 463 |
| Zoology | 159 | 174 | 201 | 219 | 180 | 182 | 211 | 197 |
| Other | 855 | 861 | 968 | 1,237 | 1,415 | 1,675 | 1,872 | 2,068 |
| Computer sciences | 17,155 | 22,262 | 26,054 | 27,066 | 24,276 | 21,755 | 20,569 | 20,978 |
| Earth, atmospheric, and ocean sciences | 2,520 | 2,692 | 2,782 | 2,777 | 2,783 | 2,794 | 2,778 | 2,767 |
| Atmospheric | 274 | 304 | 285 | 315 | 289 | 273 | 297 | 258 |
| Earth | 1,224 | 1,302 | 1,355 | 1,379 | 1,433 | 1,452 | 1,427 | 1,428 |
| Ocean | 516 | 526 | 514 | 466 | 489 | 497 | 490 | 503 |
| Other | 506 | 560 | 628 | 617 | 572 | 572 | 564 | 578 |
| Mathematics and statistics | 5,927 | 6,057 | 6,484 | 7,024 | 7,408 | 7,407 | 7,442 | 7,596 |
| Mathematics/applied mathematics | 4,660 | 4,677 | 4,847 | 5,214 | 5,305 | 5,324 | 5,281 | 5,359 |
| Statistics | 1,267 | 1,380 | 1,637 | 1,810 | 2,103 | 2,083 | 2,161 | 2,237 |
| Physical sciences | 11,132 | 11,655 | 12,203 | 13,090 | 14,127 | 14,613 | 14,700 | 14,757 |
| Astronomy | 239 | 271 | 283 | 303 | 333 | 370 | 363 | 366 |
| Chemistry | 6,085 | 6,222 | 6,569 | 7,253 | 7,881 | 8,139 | 8,268 | 8,301 |
| Physics | 4,729 | 5,084 | 5,257 | 5,442 | 5,811 | 6,028 | 5,999 | 6,000 |
| Other | 79 | 78 | 94 | 92 | 102 | 76 | 70 | 90 |
| Psychology | 2,239 | 2,263 | 2,521 | 2,857 | 3,107 | 3,194 | 3,054 | 2,851 |
| Clinical | 396 | 390 | 428 | 595 | 619 | 444 | 502 | 441 |
| General | 720 | 812 | 933 | 979 | 1,101 | 1,372 | 1,149 | 1,016 |
| Nonclinical | 1,123 | 1,061 | 1,160 | 1,283 | 1,387 | 1,378 | 1,403 | 1,394 |
| Social sciences | 15,725 | 16,323 | 17,018 | 18,062 | 18,264 | 18,375 | 18,079 | 18,810 |
| Agricultural economics | 925 | 1,014 | 1,052 | 1,046 | 1,097 | 993 | 965 | 982 |
| Anthropology (cultural and social) | 823 | 829 | 769 | 847 | 822 | 860 | 858 | 925 |
| Economics | 5,533 | 5,807 | 6,284 | 6,620 | 6,617 | 6,582 | 6,377 | 6,498 |
| Geography | 598 | 628 | 725 | 747 | 784 | 790 | 784 | 763 |
| History and philosophy of science | 59 | 69 | 70 | 68 | 69 | 69 | 79 | 87 |
| Linguistics | 962 | 960 | 962 | 982 | 963 | 1,005 | 930 | 950 |
| Political science and public administration | 3,919 | 4,159 | 4,223 | 4,654 | 4,877 | 4,969 | 4,885 | 5,307 |
| Sociology | 1,258 | 1,332 | 1,392 | 1,390 | 1,415 | 1,357 | 1,385 | 1,379 |
| Other | 1,648 | 1,525 | 1,541 | 1,708 | 1,620 | 1,750 | 1,816 | 1,919 |
| Engineering | 41,503 | 47,461 | 52,603 | 58,391 | 60,067 | 57,187 | 54,014 | 55,343 |
| Aerospace | 1,532 | 1,513 | 1,646 | 1,686 | 1,687 | 1,688 | 1,642 | 1,484 |
| Agricultural | 424 | 397 | 417 | 423 | 490 | 485 | 521 | 549 |
| Biomedical | 851 | 949 | 1,129 | 1,516 | 1,904 | 2,132 | 2,146 | 2,184 |
| Chemical | 3,014 | 3,345 | 3,515 | 3,728 | 3,780 | 3,699 | 3,498 | 3,576 |
| Civil | 5,425 | 6,145 | 6,593 | 7,160 | 7,432 | 7,125 | 6,699 | 6,381 |
| Electrical | 15,305 | 18,296 | 20,566 | 23,369 | 23,645 | 22,117 | 20,788 | 22,099 |
| Engineering science/physics | 534 | 677 | 744 | 882 | 1,010 | 1,011 | 855 | 876 |
| Industrial/manufacturing | 3,730 | 4,545 | 5,352 | 5,743 | 5,493 | 5,089 | 4,579 | 4,580 |
| Mechanical | 6,196 | 7,183 | 7,711 | 8,577 | 8,791 | 8,128 | 7,654 | 7,714 |
| Metallurgical and materials | 2,043 | 2,112 | 2,336 | 2,510 | 2,585 | 2,558 | 2,642 | 2,578 |
| Mining | 109 | 132 | 104 | 102 | 111 | 119 | 118 | 115 |
| Nuclear | 332 | 335 | 356 | 331 | 353 | 355 | 339 | 319 |
| Petroleum | 494 | 362 | 389 | 468 | 675 | 651 | 616 | 618 |
| Other | 1,514 | 1,470 | 1,745 | 1,896 | 2,111 | 2,030 | 1,917 | 2,270 |

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary residents include all racial/ethnic groups.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 1999–2006.