

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| All sources | 307,417 | 306,695 | 313,597 | 319,245 | 331,967 | 354,843 | 371,636 | 376,664 |
| Federal | 63,727 | 63,036 | 65,051 | 66,762 | 68,065 | 74,410 | 80,850 | 81,938 |
| DOD | 8,932 | 8,212 | 7,972 | 8,095 | 7,915 | 7,934 | 9,170 | 8,192 |
| DOE ^a | NA | NA | 2,747 | 2,995 | 3,112 | 3,543 | 4,019 | 4,090 |
| HHS | 22,134 | 22,389 | 23,131 | 23,167 | 24,048 | 26,644 | 28,908 | 30,720 |
| NIH | 17,990 | 18,112 | 18,926 | 19,403 | 19,798 | 22,042 | 24,172 | 26,518 |
| Other HHS | 4,144 | 4,277 | 4,205 | 3,764 | 4,250 | 4,602 | 4,736 | 4,202 |
| NASA | 2,558 | 2,613 | 2,520 | 2,738 | 2,794 | 3,053 | 3,188 | 2,898 |
| NSF | 13,325 | 13,415 | 13,801 | 14,565 | 15,368 | 17,066 | 19,213 | 19,913 |
| USDA | 2,642 | 2,479 | 2,630 | 2,628 | 2,732 | 3,096 | 3,465 | 3,516 |
| Other ^a | 14,136 | 13,928 | 12,250 | 12,574 | 12,096 | 13,074 | 12,887 | 12,609 |
| Institutional | 124,433 | 124,333 | 128,379 | 128,244 | 135,351 | 142,488 | 146,124 | 148,450 |
| Other nonfederal | 24,723 | 26,059 | 25,677 | 27,414 | 27,777 | 28,489 | 28,765 | 27,268 |
| Domestic | 19,905 | 21,826 | 21,776 | 23,600 | 24,088 | 25,186 | 25,722 | 24,470 |
| Foreign | 4,818 | 4,233 | 3,901 | 3,814 | 3,689 | 3,303 | 3,043 | 2,798 |
| Self-support | 94,534 | 93,267 | 94,490 | 96,825 | 100,774 | 109,456 | 115,897 | 119,008 |
| Science and engineering | 266,369 | 264,172 | 268,952 | 275,151 | 287,508 | 307,736 | 320,218 | 322,476 |
| Federal | 56,389 | 55,423 | 56,930 | 58,830 | 59,788 | 65,691 | 71,825 | 72,795 |
| DOD | 8,622 | 7,920 | 7,621 | 7,695 | 7,671 | 7,652 | 8,878 | 7,889 |
| DOE ^a | NA | NA | 2,717 | 2,980 | 3,101 | 3,535 | 4,006 | 4,078 |
| HHS | 16,731 | 16,654 | 17,166 | 17,621 | 18,035 | 20,135 | 22,170 | 23,750 |
| NIH | 15,287 | 15,249 | 15,930 | 16,272 | 16,523 | 18,546 | 20,372 | 22,301 |
| Other HHS | 1,444 | 1,405 | 1,236 | 1,349 | 1,512 | 1,589 | 1,798 | 1,449 |
| NASA | 2,537 | 2,587 | 2,505 | 2,720 | 2,772 | 3,037 | 3,175 | 2,882 |
| NSF | 13,230 | 13,295 | 13,678 | 14,442 | 15,239 | 16,938 | 19,065 | 19,759 |
| USDA | 2,599 | 2,420 | 2,569 | 2,566 | 2,682 | 3,022 | 3,387 | 3,439 |
| Other ^a | 12,670 | 12,547 | 10,674 | 10,806 | 10,288 | 11,372 | 11,144 | 10,998 |
| Institutional | 115,450 | 115,058 | 118,342 | 118,246 | 125,277 | 131,853 | 135,024 | 136,628 |
| Other nonfederal | 22,825 | 23,955 | 23,535 | 25,023 | 25,312 | 25,855 | 26,100 | 24,613 |
| Domestic | 18,491 | 20,152 | 20,055 | 21,565 | 21,996 | 22,868 | 23,381 | 22,070 |
| Foreign | 4,334 | 3,803 | 3,480 | 3,458 | 3,316 | 2,987 | 2,719 | 2,543 |
| Self-support | 71,705 | 69,736 | 70,145 | 73,052 | 77,131 | 84,337 | 87,269 | 88,440 |
| Science | 202,049 | 200,262 | 202,450 | 204,502 | 211,829 | 224,498 | 232,683 | 237,775 |
| Federal | 40,536 | 39,933 | 41,072 | 42,139 | 42,751 | 46,899 | 50,458 | 52,045 |
| DOD | 3,872 | 3,610 | 3,284 | 3,224 | 3,291 | 3,258 | 3,396 | 3,063 |
| DOE ^a | NA | NA | 1,730 | 1,772 | 1,813 | 2,011 | 2,291 | 2,315 |
| HHS | 15,816 | 15,754 | 16,205 | 16,487 | 16,748 | 18,671 | 20,223 | 21,597 |
| NIH | 14,521 | 14,495 | 15,086 | 15,274 | 15,390 | 17,265 | 18,736 | 20,394 |
| Other HHS | 1,295 | 1,259 | 1,119 | 1,213 | 1,358 | 1,406 | 1,487 | 1,203 |
| NASA | 1,277 | 1,348 | 1,378 | 1,451 | 1,423 | 1,551 | 1,552 | 1,454 |
| NSF | 8,624 | 8,588 | 8,740 | 9,234 | 9,814 | 11,010 | 12,383 | 12,981 |
| USDA | 2,367 | 2,223 | 2,329 | 2,349 | 2,423 | 2,686 | 2,968 | 3,035 |
| Other ^a | 8,580 | 8,410 | 7,406 | 7,622 | 7,239 | 7,712 | 7,645 | 7,600 |
| Institutional | 91,996 | 91,969 | 93,405 | 92,474 | 97,820 | 101,869 | 104,246 | 106,011 |
| Other nonfederal | 13,913 | 14,251 | 14,086 | 14,553 | 14,369 | 14,652 | 14,998 | 14,578 |
| Domestic | 11,007 | 11,649 | 11,712 | 12,168 | 12,117 | 12,631 | 13,198 | 12,923 |
| Foreign | 2,906 | 2,602 | 2,374 | 2,385 | 2,252 | 2,021 | 1,800 | 1,655 |
| Self-support | 55,604 | 54,109 | 53,887 | 55,336 | 56,889 | 61,078 | 62,981 | 65,141 |
| Agricultural sciences | 8,964 | 8,794 | 8,933 | 8,931 | 8,949 | 9,184 | 9,512 | 9,477 |
| Federal | 1,837 | 1,716 | 1,936 | 1,937 | 1,968 | 2,147 | 2,490 | 2,496 |
| DOD | 38 | 47 | 28 | 42 | 47 | 34 | 33 | 24 |
| DOE ^a | NA | NA | 41 | 45 | 29 | 55 | 58 | 49 |
| HHS | 31 | 32 | 29 | 57 | 51 | 87 | 89 | 90 |
| NIH | 22 | 16 | 17 | 37 | 40 | 64 | 60 | 67 |
| Other HHS | 9 | 16 | 12 | 20 | 11 | 23 | 29 | 23 |
| NASA | 28 | 36 | 55 | 65 | 63 | 74 | 90 | 52 |

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| NSF | 105 | 94 | 114 | 113 | 138 | 124 | 211 | 202 |
| USDA | 999 | 987 | 1,077 | 1,043 | 1,064 | 1,155 | 1,333 | 1,369 |
| Other ^a | 636 | 520 | 592 | 572 | 576 | 618 | 676 | 710 |
| Institutional | 3,633 | 3,718 | 3,726 | 3,737 | 3,917 | 3,970 | 3,832 | 3,894 |
| Other nonfederal | 1,634 | 1,630 | 1,621 | 1,698 | 1,561 | 1,527 | 1,561 | 1,582 |
| Domestic | 1,292 | 1,329 | 1,362 | 1,463 | 1,374 | 1,404 | 1,390 | 1,454 |
| Foreign | 342 | 301 | 259 | 235 | 187 | 123 | 171 | 128 |
| Self-support | 1,860 | 1,730 | 1,650 | 1,559 | 1,503 | 1,540 | 1,629 | 1,505 |
| Biological sciences | 45,091 | 45,186 | 45,370 | 45,363 | 46,666 | 50,052 | 52,501 | 54,040 |
| Federal | 16,155 | 16,066 | 16,365 | 16,585 | 16,612 | 18,522 | 20,083 | 21,616 |
| DOD | 360 | 343 | 328 | 317 | 355 | 380 | 349 | 425 |
| DOE ^a | NA | NA | 155 | 171 | 166 | 180 | 193 | 219 |
| HHS | 11,831 | 11,872 | 12,223 | 12,240 | 12,280 | 13,645 | 14,855 | 16,142 |
| NIH | 11,247 | 11,258 | 11,730 | 11,665 | 11,617 | 12,925 | 14,130 | 15,581 |
| Other HHS | 584 | 614 | 493 | 575 | 663 | 720 | 725 | 561 |
| NASA | 109 | 102 | 100 | 97 | 76 | 114 | 98 | 104 |
| NSF | 1,523 | 1,532 | 1,491 | 1,594 | 1,601 | 1,809 | 2,127 | 2,242 |
| USDA | 861 | 750 | 801 | 780 | 816 | 990 | 1,032 | 1,061 |
| Other ^a | 1,471 | 1,467 | 1,267 | 1,386 | 1,318 | 1,404 | 1,429 | 1,423 |
| Institutional | 19,423 | 19,379 | 19,639 | 19,461 | 20,470 | 21,084 | 21,615 | 21,579 |
| Other nonfederal | 3,494 | 3,707 | 3,270 | 3,356 | 3,573 | 3,815 | 3,955 | 3,804 |
| Domestic | 2,979 | 3,184 | 2,812 | 2,933 | 3,208 | 3,508 | 3,668 | 3,561 |
| Foreign | 515 | 523 | 458 | 423 | 365 | 307 | 287 | 243 |
| Self-support | 6,019 | 6,034 | 6,096 | 5,961 | 6,011 | 6,631 | 6,848 | 7,041 |
| Computer sciences | 17,014 | 18,405 | 20,565 | 23,582 | 27,164 | 29,825 | 28,293 | 27,330 |
| Federal | 3,141 | 3,272 | 3,321 | 3,611 | 4,183 | 4,908 | 5,277 | 5,082 |
| DOD | 1,425 | 1,299 | 1,201 | 1,203 | 1,277 | 1,300 | 1,378 | 1,185 |
| DOE ^a | NA | NA | 109 | 111 | 120 | 138 | 159 | 151 |
| HHS | 106 | 110 | 107 | 120 | 172 | 239 | 300 | 295 |
| NIH | 78 | 75 | 64 | 82 | 101 | 185 | 228 | 259 |
| Other HHS | 28 | 35 | 43 | 38 | 71 | 54 | 72 | 36 |
| NASA | 122 | 124 | 111 | 142 | 165 | 196 | 217 | 140 |
| NSF | 1,081 | 1,164 | 1,302 | 1,492 | 1,855 | 2,332 | 2,706 | 2,748 |
| USDA | 12 | 10 | 20 | 16 | 25 | 41 | 39 | 35 |
| Other ^a | 395 | 565 | 471 | 527 | 569 | 662 | 478 | 528 |
| Institutional | 5,592 | 5,859 | 6,609 | 7,220 | 8,372 | 8,987 | 8,711 | 8,602 |
| Other nonfederal | 1,172 | 1,293 | 1,514 | 1,858 | 1,817 | 1,890 | 1,916 | 1,698 |
| Domestic | 1,015 | 1,128 | 1,380 | 1,593 | 1,582 | 1,668 | 1,726 | 1,519 |
| Foreign | 157 | 165 | 134 | 265 | 235 | 222 | 190 | 179 |
| Self-support | 7,109 | 7,981 | 9,121 | 10,893 | 12,792 | 14,040 | 12,389 | 11,948 |
| Earth, atmospheric, and ocean sciences | 9,997 | 10,020 | 10,065 | 10,127 | 10,045 | 10,635 | 11,021 | 11,226 |
| Federal | 3,085 | 2,933 | 2,940 | 2,955 | 2,890 | 3,004 | 3,275 | 3,309 |
| DOD | 364 | 336 | 335 | 279 | 257 | 200 | 254 | 128 |
| DOE ^a | NA | NA | 123 | 144 | 137 | 167 | 154 | 171 |
| HHS | 40 | 38 | 37 | 57 | 60 | 47 | 68 | 41 |
| NIH | 27 | 21 | 17 | 40 | 37 | 32 | 52 | 24 |
| Other HHS | 13 | 17 | 20 | 17 | 23 | 15 | 16 | 17 |
| NASA | 350 | 388 | 406 | 453 | 456 | 470 | 419 | 457 |
| NSF | 1,198 | 1,115 | 1,123 | 1,130 | 1,120 | 1,191 | 1,363 | 1,497 |
| USDA | 52 | 74 | 53 | 49 | 65 | 74 | 85 | 92 |
| Other ^a | 1,081 | 982 | 863 | 843 | 795 | 855 | 932 | 923 |
| Institutional | 4,133 | 4,215 | 4,518 | 4,419 | 4,461 | 4,681 | 4,890 | 5,021 |
| Other nonfederal | 873 | 850 | 840 | 874 | 878 | 1,063 | 851 | 858 |
| Domestic | 689 | 686 | 680 | 729 | 693 | 869 | 735 | 786 |
| Foreign | 184 | 164 | 160 | 145 | 185 | 194 | 116 | 72 |
| Self-support | 1,906 | 2,022 | 1,767 | 1,879 | 1,816 | 1,887 | 2,005 | 2,038 |

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mathematical sciences | 11,745 | 11,288 | 11,364 | 11,353 | 12,016 | 13,116 | 13,953 | 14,300 |
| Federal | 1,151 | 1,039 | 1,100 | 1,354 | 1,374 | 1,599 | 1,666 | 1,713 |
| DOD | 363 | 283 | 227 | 239 | 211 | 164 | 228 | 161 |
| DOE ^a | NA | NA | 44 | 40 | 40 | 42 | 53 | 61 |
| HHS | 96 | 100 | 105 | 92 | 108 | 164 | 154 | 175 |
| NIH | 66 | 68 | 78 | 76 | 89 | 133 | 119 | 154 |
| Other HHS | 30 | 32 | 27 | 16 | 19 | 31 | 35 | 21 |
| NASA | 19 | 11 | 14 | 23 | 23 | 20 | 22 | 24 |
| NSF | 385 | 384 | 441 | 633 | 758 | 942 | 969 | 1,037 |
| USDA | 16 | 7 | 7 | 7 | 20 | 14 | 9 | 28 |
| Other ^a | 272 | 254 | 262 | 320 | 214 | 253 | 231 | 227 |
| Institutional | 8,260 | 8,066 | 8,058 | 7,989 | 8,423 | 8,886 | 9,420 | 9,634 |
| Other nonfederal | 482 | 441 | 425 | 431 | 413 | 524 | 472 | 429 |
| Domestic | 305 | 302 | 299 | 302 | 293 | 410 | 377 | 353 |
| Foreign | 177 | 139 | 126 | 129 | 120 | 114 | 95 | 76 |
| Self-support | 1,852 | 1,742 | 1,781 | 1,579 | 1,806 | 2,107 | 2,395 | 2,524 |
| Physical sciences | 26,458 | 26,007 | 26,264 | 26,116 | 26,824 | 28,220 | 30,042 | 31,248 |
| Federal | 9,398 | 9,088 | 9,185 | 9,167 | 9,264 | 9,919 | 10,599 | 10,927 |
| DOD | 1,036 | 994 | 880 | 864 | 855 | 860 | 885 | 874 |
| DOE ^a | NA | NA | 1,180 | 1,170 | 1,260 | 1,368 | 1,607 | 1,585 |
| HHS | 1,937 | 1,875 | 1,827 | 1,961 | 2,113 | 2,346 | 2,446 | 2,559 |
| NIH | 1,633 | 1,629 | 1,652 | 1,769 | 1,858 | 2,114 | 2,179 | 2,349 |
| Other HHS | 304 | 246 | 175 | 192 | 255 | 232 | 267 | 210 |
| NASA | 572 | 582 | 542 | 518 | 495 | 537 | 569 | 561 |
| NSF | 3,368 | 3,315 | 3,276 | 3,282 | 3,322 | 3,583 | 3,860 | 4,103 |
| USDA | 31 | 40 | 33 | 51 | 42 | 51 | 65 | 38 |
| Other ^a | 2,454 | 2,282 | 1,447 | 1,321 | 1,177 | 1,174 | 1,167 | 1,207 |
| Institutional | 13,904 | 13,860 | 13,930 | 13,614 | 14,284 | 14,797 | 15,861 | 16,657 |
| Other nonfederal | 1,849 | 1,845 | 1,914 | 1,908 | 1,955 | 2,025 | 2,082 | 2,127 |
| Domestic | 1,633 | 1,656 | 1,742 | 1,740 | 1,828 | 1,904 | 1,955 | 2,029 |
| Foreign | 216 | 189 | 172 | 168 | 127 | 121 | 127 | 98 |
| Self-support | 1,307 | 1,214 | 1,235 | 1,427 | 1,321 | 1,479 | 1,500 | 1,537 |
| Psychology | 30,318 | 29,956 | 29,589 | 29,461 | 29,155 | 29,306 | 30,326 | 32,087 |
| Federal | 2,656 | 2,852 | 3,157 | 3,198 | 3,167 | 3,367 | 3,471 | 3,415 |
| DOD | 110 | 121 | 116 | 133 | 135 | 165 | 145 | 135 |
| DOE ^a | NA | NA | 41 | 25 | 1 | 9 | 10 | 24 |
| HHS | 1,445 | 1,423 | 1,535 | 1,580 | 1,592 | 1,734 | 1,839 | 1,857 |
| NIH | 1,186 | 1,212 | 1,264 | 1,310 | 1,371 | 1,496 | 1,596 | 1,645 |
| Other HHS | 259 | 211 | 271 | 270 | 221 | 238 | 243 | 212 |
| NASA | 12 | 14 | 15 | 17 | 21 | 31 | 21 | 26 |
| NSF | 277 | 275 | 301 | 274 | 281 | 297 | 327 | 360 |
| USDA | 7 | 8 | 13 | 16 | 13 | 4 | 17 | 16 |
| Other ^a | 805 | 1,011 | 1,136 | 1,153 | 1,124 | 1,127 | 1,112 | 997 |
| Institutional | 12,460 | 12,179 | 12,135 | 11,388 | 11,771 | 11,951 | 12,071 | 12,275 |
| Other nonfederal | 1,192 | 1,315 | 1,372 | 1,316 | 1,191 | 1,112 | 1,243 | 1,336 |
| Domestic | 1,135 | 1,263 | 1,317 | 1,266 | 1,138 | 1,069 | 1,173 | 1,291 |
| Foreign | 57 | 52 | 55 | 50 | 53 | 43 | 70 | 45 |
| Self-support | 14,010 | 13,610 | 12,925 | 13,559 | 13,026 | 12,876 | 13,541 | 15,061 |
| Social sciences | 52,462 | 50,606 | 50,300 | 49,569 | 51,010 | 54,160 | 57,035 | 58,067 |
| Federal | 3,113 | 2,967 | 3,068 | 3,332 | 3,293 | 3,433 | 3,597 | 3,487 |
| DOD | 176 | 187 | 169 | 147 | 154 | 155 | 124 | 131 |
| DOE ^a | NA | NA | 37 | 66 | 60 | 52 | 57 | 55 |
| HHS | 330 | 304 | 342 | 380 | 372 | 409 | 472 | 438 |
| NIH | 262 | 216 | 264 | 295 | 277 | 316 | 372 | 315 |
| Other HHS | 68 | 88 | 78 | 85 | 95 | 93 | 100 | 123 |

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| NASA | 65 | 91 | 135 | 136 | 124 | 109 | 116 | 90 |
| NSF | 687 | 709 | 692 | 716 | 739 | 732 | 820 | 792 |
| USDA | 389 | 347 | 325 | 387 | 378 | 357 | 388 | 396 |
| Other ^a | 1,466 | 1,329 | 1,368 | 1,500 | 1,466 | 1,619 | 1,620 | 1,585 |
| Institutional | 24,591 | 24,693 | 24,790 | 24,646 | 26,122 | 27,513 | 27,846 | 28,349 |
| Other nonfederal | 3,217 | 3,170 | 3,130 | 3,112 | 2,981 | 2,696 | 2,918 | 2,744 |
| Domestic | 1,959 | 2,101 | 2,120 | 2,142 | 2,001 | 1,799 | 2,174 | 1,930 |
| Foreign | 1,258 | 1,069 | 1,010 | 970 | 980 | 897 | 744 | 814 |
| Self-support | 21,541 | 19,776 | 19,312 | 18,479 | 18,614 | 20,518 | 22,674 | 23,487 |
| Engineering | 64,320 | 63,910 | 66,502 | 70,649 | 75,679 | 83,238 | 87,535 | 84,701 |
| Federal | 15,853 | 15,490 | 15,858 | 16,691 | 17,037 | 18,792 | 21,367 | 20,750 |
| DOD | 4,750 | 4,310 | 4,337 | 4,471 | 4,380 | 4,394 | 5,482 | 4,826 |
| DOE ^a | NA | NA | 987 | 1,208 | 1,288 | 1,524 | 1,715 | 1,763 |
| HHS | 915 | 900 | 961 | 1,134 | 1,287 | 1,464 | 1,947 | 2,153 |
| NIH | 766 | 754 | 844 | 998 | 1,133 | 1,281 | 1,636 | 1,907 |
| Other HHS | 149 | 146 | 117 | 136 | 154 | 183 | 311 | 246 |
| NASA | 1,260 | 1,239 | 1,127 | 1,269 | 1,349 | 1,486 | 1,623 | 1,428 |
| NSF | 4,606 | 4,707 | 4,938 | 5,208 | 5,425 | 5,928 | 6,682 | 6,778 |
| USDA | 232 | 197 | 240 | 217 | 259 | 336 | 419 | 404 |
| Other ^a | 4,090 | 4,137 | 3,268 | 3,184 | 3,049 | 3,660 | 3,499 | 3,398 |
| Institutional | 23,454 | 23,089 | 24,937 | 25,772 | 27,457 | 29,984 | 30,778 | 30,617 |
| Other nonfederal | 8,912 | 9,704 | 9,449 | 10,470 | 10,943 | 11,203 | 11,102 | 10,035 |
| Domestic | 7,484 | 8,503 | 8,343 | 9,397 | 9,879 | 10,237 | 10,183 | 9,147 |
| Foreign | 1,428 | 1,201 | 1,106 | 1,073 | 1,064 | 966 | 919 | 888 |
| Self-support | 16,101 | 15,627 | 16,258 | 17,716 | 20,242 | 23,259 | 24,288 | 23,299 |
| Chemical engineering | 5,776 | 5,595 | 5,572 | 5,837 | 5,790 | 6,226 | 6,373 | 6,346 |
| Federal | 1,671 | 1,700 | 1,666 | 1,670 | 1,690 | 1,957 | 2,055 | 2,146 |
| DOD | 170 | 160 | 161 | 113 | 140 | 181 | 265 | 218 |
| DOE ^a | NA | NA | 220 | 242 | 257 | 310 | 327 | 357 |
| HHS | 137 | 141 | 149 | 155 | 179 | 219 | 245 | 296 |
| NIH | 121 | 111 | 127 | 128 | 136 | 185 | 210 | 260 |
| Other HHS | 16 | 30 | 22 | 27 | 43 | 34 | 35 | 36 |
| NASA | 80 | 97 | 101 | 102 | 108 | 119 | 103 | 95 |
| NSF | 708 | 756 | 742 | 768 | 720 | 816 | 841 | 871 |
| USDA | 43 | 39 | 37 | 35 | 34 | 44 | 35 | 46 |
| Other ^a | 533 | 507 | 256 | 255 | 252 | 268 | 239 | 263 |
| Institutional | 2,203 | 2,105 | 2,282 | 2,284 | 2,219 | 2,424 | 2,530 | 2,424 |
| Other nonfederal | 1,129 | 946 | 970 | 1,080 | 1,094 | 1,093 | 994 | 996 |
| Domestic | 949 | 834 | 896 | 976 | 983 | 1,010 | 931 | 941 |
| Foreign | 180 | 112 | 74 | 104 | 111 | 83 | 63 | 55 |
| Self-support | 773 | 844 | 654 | 803 | 787 | 752 | 794 | 780 |
| Civil engineering | 11,090 | 10,813 | 10,931 | 11,526 | 11,845 | 12,718 | 13,443 | 13,347 |
| Federal | 1,797 | 1,661 | 1,655 | 1,926 | 1,932 | 2,085 | 2,168 | 2,149 |
| DOD | 224 | 187 | 150 | 157 | 175 | 179 | 148 | 168 |
| DOE ^a | NA | NA | 50 | 84 | 82 | 84 | 94 | 90 |
| HHS | 47 | 46 | 44 | 51 | 27 | 36 | 57 | 61 |
| NIH | 41 | 35 | 39 | 40 | 26 | 29 | 41 | 33 |
| Other HHS | 6 | 11 | 5 | 11 | 1 | 7 | 16 | 28 |
| NASA | 121 | 60 | 56 | 74 | 78 | 89 | 87 | 59 |
| NSF | 529 | 544 | 538 | 596 | 586 | 645 | 700 | 700 |
| USDA | 40 | 28 | 35 | 36 | 38 | 50 | 69 | 73 |
| Other ^a | 836 | 796 | 782 | 928 | 946 | 1,002 | 1,013 | 998 |
| Institutional | 4,674 | 4,549 | 4,827 | 4,908 | 4,944 | 5,350 | 5,520 | 5,620 |
| Other nonfederal | 1,105 | 1,124 | 1,112 | 1,353 | 1,474 | 1,353 | 1,479 | 1,251 |
| Domestic | 850 | 910 | 924 | 1,189 | 1,298 | 1,238 | 1,376 | 1,119 |
| Foreign | 255 | 214 | 188 | 164 | 176 | 115 | 103 | 132 |

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Self-support | 3,514 | 3,479 | 3,337 | 3,339 | 3,495 | 3,930 | 4,276 | 4,327 |
| Electrical engineering | 18,505 | 19,009 | 19,923 | 22,189 | 24,442 | 27,262 | 27,680 | 25,783 |
| Federal | 4,389 | 4,307 | 4,599 | 5,048 | 4,959 | 5,690 | 6,159 | 5,971 |
| DOD | 1,938 | 1,803 | 1,847 | 2,079 | 1,976 | 1,942 | 2,233 | 1,970 |
| DOE ^a | NA | NA | 71 | 93 | 138 | 193 | 189 | 209 |
| HHS | 117 | 102 | 104 | 187 | 148 | 179 | 356 | 350 |
| NIH | 70 | 79 | 87 | 145 | 109 | 145 | 246 | 290 |
| Other HHS | 47 | 23 | 17 | 42 | 39 | 34 | 110 | 60 |
| NASA | 229 | 243 | 269 | 283 | 328 | 380 | 368 | 332 |
| NSF | 1,344 | 1,298 | 1,472 | 1,586 | 1,640 | 1,939 | 2,233 | 2,341 |
| USDA | 15 | 12 | 10 | 12 | 13 | 21 | 57 | 45 |
| Other ^a | 746 | 849 | 826 | 808 | 716 | 1,036 | 723 | 724 |
| Institutional | 6,631 | 6,486 | 7,081 | 7,303 | 7,916 | 8,538 | 8,790 | 8,441 |
| Other nonfederal | 2,704 | 3,117 | 2,814 | 3,222 | 3,403 | 3,536 | 3,296 | 2,802 |
| Domestic | 2,374 | 2,842 | 2,542 | 2,983 | 3,155 | 3,302 | 3,066 | 2,638 |
| Foreign | 330 | 275 | 272 | 239 | 248 | 234 | 230 | 164 |
| Self-support | 4,781 | 5,099 | 5,429 | 6,616 | 8,164 | 9,498 | 9,435 | 8,569 |
| Industrial engineering | 4,977 | 4,748 | 5,362 | 5,927 | 6,369 | 6,995 | 6,879 | 6,352 |
| Federal | 608 | 584 | 706 | 805 | 797 | 818 | 976 | 957 |
| DOD | 198 | 179 | 250 | 235 | 240 | 239 | 251 | 299 |
| DOE ^a | NA | NA | 12 | 31 | 46 | 42 | 58 | 45 |
| HHS | 36 | 31 | 33 | 34 | 40 | 58 | 73 | 66 |
| NIH | 30 | 25 | 20 | 21 | 29 | 31 | 36 | 43 |
| Other HHS | 6 | 6 | 13 | 13 | 11 | 27 | 37 | 23 |
| NASA | 23 | 32 | 27 | 26 | 29 | 29 | 54 | 42 |
| NSF | 145 | 175 | 218 | 258 | 272 | 273 | 378 | 328 |
| USDA | 1 | 4 | 2 | 7 | 8 | 6 | 11 | 12 |
| Other ^a | 205 | 163 | 164 | 214 | 162 | 171 | 151 | 165 |
| Institutional | 1,683 | 1,708 | 1,913 | 2,107 | 2,393 | 2,553 | 2,312 | 2,272 |
| Other nonfederal | 509 | 546 | 574 | 680 | 725 | 747 | 693 | 592 |
| Domestic | 406 | 448 | 485 | 573 | 605 | 638 | 615 | 512 |
| Foreign | 103 | 98 | 89 | 107 | 120 | 109 | 78 | 80 |
| Self-support | 2,177 | 1,910 | 2,169 | 2,335 | 2,454 | 2,877 | 2,898 | 2,531 |
| Mechanical engineering | 10,313 | 9,957 | 10,226 | 10,645 | 11,292 | 12,347 | 13,119 | 12,547 |
| Federal | 2,626 | 2,606 | 2,589 | 2,655 | 2,775 | 2,974 | 3,401 | 3,129 |
| DOD | 766 | 728 | 711 | 652 | 689 | 618 | 876 | 732 |
| DOE ^a | NA | NA | 207 | 239 | 214 | 312 | 351 | 360 |
| HHS | 109 | 104 | 112 | 112 | 159 | 158 | 161 | 178 |
| NIH | 70 | 71 | 87 | 105 | 147 | 143 | 130 | 150 |
| Other HHS | 39 | 33 | 25 | 7 | 12 | 15 | 31 | 28 |
| NASA | 291 | 289 | 242 | 292 | 280 | 316 | 342 | 286 |
| NSF | 841 | 908 | 882 | 914 | 1,001 | 1,034 | 1,101 | 1,038 |
| USDA | 12 | 5 | 21 | 7 | 11 | 10 | 20 | 22 |
| Other ^a | 607 | 572 | 414 | 439 | 421 | 526 | 550 | 513 |
| Institutional | 3,871 | 3,792 | 4,006 | 4,189 | 4,440 | 4,928 | 4,983 | 4,893 |
| Other nonfederal | 1,451 | 1,604 | 1,593 | 1,737 | 1,674 | 1,720 | 1,725 | 1,542 |
| Domestic | 1,283 | 1,461 | 1,427 | 1,542 | 1,528 | 1,598 | 1,595 | 1,391 |
| Foreign | 168 | 143 | 166 | 195 | 146 | 122 | 130 | 151 |
| Self-support | 2,365 | 1,955 | 2,038 | 2,064 | 2,403 | 2,725 | 3,010 | 2,983 |
| Other engineering | 13,659 | 13,788 | 14,488 | 14,525 | 15,941 | 17,690 | 20,041 | 20,326 |
| Federal | 4,762 | 4,632 | 4,643 | 4,587 | 4,884 | 5,268 | 6,608 | 6,398 |
| DOD | 1,454 | 1,253 | 1,218 | 1,235 | 1,160 | 1,235 | 1,709 | 1,439 |
| DOE ^a | NA | NA | 427 | 519 | 551 | 583 | 696 | 702 |
| HHS | 469 | 476 | 519 | 595 | 734 | 814 | 1,055 | 1,202 |
| NIH | 434 | 433 | 484 | 559 | 686 | 748 | 973 | 1,131 |

TABLE 38. Full-time graduate students in science, engineering, and health fields in doctorate-granting institutions, by field and primary source of support: 1997–2004

| Field and primary source of support | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Other HHS | 35 | 43 | 35 | 36 | 48 | 66 | 82 | 71 |
| NASA | 516 | 518 | 432 | 492 | 526 | 553 | 669 | 614 |
| NSF | 1,039 | 1,026 | 1,086 | 1,086 | 1,206 | 1,221 | 1,429 | 1,500 |
| USDA | 121 | 109 | 135 | 120 | 155 | 205 | 227 | 206 |
| Other ^a | 1,163 | 1,250 | 826 | 540 | 552 | 657 | 823 | 735 |
| Institutional | 4,392 | 4,449 | 4,828 | 4,981 | 5,545 | 6,191 | 6,643 | 6,967 |
| Other nonfederal | 2,014 | 2,367 | 2,386 | 2,398 | 2,573 | 2,754 | 2,915 | 2,852 |
| Domestic | 1,622 | 2,008 | 2,069 | 2,134 | 2,310 | 2,451 | 2,600 | 2,546 |
| Foreign | 392 | 359 | 317 | 264 | 263 | 303 | 315 | 306 |
| Self-support | 2,491 | 2,340 | 2,631 | 2,559 | 2,939 | 3,477 | 3,875 | 4,109 |
| Health fields | 41,048 | 42,523 | 44,645 | 44,094 | 44,459 | 47,107 | 51,418 | 54,188 |
| Federal | 7,338 | 7,613 | 8,121 | 7,932 | 8,277 | 8,719 | 9,025 | 9,143 |
| DOD | 310 | 292 | 351 | 400 | 244 | 282 | 292 | 303 |
| DOE ^a | NA | NA | 30 | 15 | 11 | 8 | 13 | 12 |
| HHS | 5,403 | 5,735 | 5,965 | 5,546 | 6,013 | 6,509 | 6,738 | 6,970 |
| NIH | 2,703 | 2,863 | 2,996 | 3,131 | 3,275 | 3,496 | 3,800 | 4,217 |
| Other HHS | 2,700 | 2,872 | 2,969 | 2,415 | 2,738 | 3,013 | 2,938 | 2,753 |
| NASA | 21 | 26 | 15 | 18 | 22 | 16 | 13 | 16 |
| NSF | 95 | 120 | 123 | 123 | 129 | 128 | 148 | 154 |
| USDA | 43 | 59 | 61 | 62 | 50 | 74 | 78 | 77 |
| Other ^a | 1,466 | 1,381 | 1,576 | 1,768 | 1,808 | 1,702 | 1,743 | 1,611 |
| Institutional | 8,983 | 9,275 | 10,037 | 9,998 | 10,074 | 10,635 | 11,100 | 11,822 |
| Other nonfederal | 1,898 | 2,104 | 2,142 | 2,391 | 2,465 | 2,634 | 2,665 | 2,655 |
| Domestic | 1,414 | 1,674 | 1,721 | 2,035 | 2,092 | 2,318 | 2,341 | 2,400 |
| Foreign | 484 | 430 | 421 | 356 | 373 | 316 | 324 | 255 |
| Self-support | 22,829 | 23,531 | 24,345 | 23,773 | 23,643 | 25,119 | 28,628 | 30,568 |

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NA = not available; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = United States Department of Agriculture.

^a Data for DOE were not collected separately until 1999. Students supported by DOE before 1999 were included under other federal support.

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