

Table 3L. Federal obligations for applied research, by detailed field of science & engineering: National Science Foundation, fiscal years 1970-2003

[Dollars in thousands]

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| Field of science & engineering | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 |
|---------------------------------------|--------|--------|--------|--------|---------|--------|--------|
| Total, all fields | 29,812 | 45,720 | 59,579 | 71,511 | 105,039 | 84,026 | 72,142 |
| Life sciences, total | 7,457 | 8,527 | 10,543 | 7,643 | 14,716 | 6,223 | 6,759 |
| Biol & agricultural, total | 7,247 | 8,527 | 6,900 | 7,285 | 14,703 | 6,223 | 6,745 |
| Biol (excl environmental) | NA | NA | NA | NA | NA | NA | NA |
| Environmental biology | NA | NA | NA | NA | NA | NA | NA |
| Agricultural | NA | NA | NA | NA | NA | NA | NA |
| Medical sciences, total | 210 | 0 | 0 | 0 | 13 | 0 | 0 |
| Clinical medical | 0 | 0 | 0 | 0 | 13 | 0 | 0 |
| Other medical | 210 | 0 | 0 | 0 | 0 | 0 | 0 |
| Life sciences, n.e.c. | 0 | 0 | 3,643 | 358 | 0 | 0 | 14 |
| Psychology, total | 120 | 180 | 880 | 910 | 940 | 638 | 0 |
| Biological aspects | 90 | 150 | 680 | 700 | 720 | 463 | 0 |
| Social aspects | 30 | 30 | 200 | 210 | 220 | 175 | 0 |
| Psychological sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Physical sciences, total | 1,627 | 2,246 | 10,186 | 2,654 | 5,572 | 11,366 | 4,573 |
| Astronomy | 0 | 0 | 0 | 0 | 75 | 360 | 0 |
| Chemistry | 500 | 1,466 | 780 | 1,174 | 3,420 | 6,353 | 2,510 |
| Physics | 893 | 780 | 1,080 | 1,229 | 2,077 | 4,653 | 2,063 |
| Physical sciences, n.e.c. | 234 | 0 | 8,326 | 251 | 0 | 0 | 0 |
| Environmental sciences, total | 6,239 | 6,381 | 11,321 | 14,952 | 12,639 | 12,518 | 9,289 |
| Atmospheric sciences | 2,425 | 3,979 | 4,833 | 5,579 | 7,289 | 6,902 | 5,545 |
| Geological sciences | 1,482 | 612 | 685 | 662 | 3,214 | 4,147 | 3,113 |
| Oceanography | 1,375 | 1,790 | 1,828 | 865 | 2,136 | 1,469 | 478 |
| Environmental sciences, n.e.c. | 957 | 0 | 3,975 | 7,846 | 0 | 0 | 153 |
| Math & computer sciences, total | 100 | 9,231 | 140 | 324 | 450 | 1,484 | 1,846 |
| Mathematics | NA | NA | NA | NA | NA | NA | 96 |
| Computer sciences | NA | NA | NA | NA | NA | NA | 1,585 |
| Math & computer sciences, n.e.c. | NA | NA | NA | NA | NA | NA | 165 |
| Engineering, total | 4,258 | 11,491 | 10,700 | 6,704 | 20,744 | 23,428 | 15,506 |
| Aeronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 830 | 2,740 | 760 | 790 | 810 | 446 | 532 |
| Civil | 380 | 1,716 | 760 | 857 | 810 | 446 | 562 |
| Electrical | 1,030 | 2,185 | 760 | 898 | 810 | 446 | 531 |
| Mechanical | 1,488 | 1,909 | 760 | 3,289 | 810 | 446 | 551 |
| Metallurgy & materials | 330 | 2,941 | 760 | 792 | 4,728 | 2,728 | 1,992 |
| Engineering, n.e.c. | 200 | 0 | 6,900 | 78 | 12,776 | 18,916 | 11,338 |
| Social sciences, total | 5,348 | 6,228 | 10,347 | 12,187 | 12,902 | 13,192 | 22,104 |
| Anthropology | 0 | 0 | 0 | 0 | 0 | 350 | 40 |
| Economics | 1,022 | 1,538 | 1,987 | 2,444 | 1,050 | 1,135 | 886 |
| Political science | 951 | 470 | 356 | 209 | 210 | 186 | 77 |
| Sociology | 400 | 280 | 350 | 500 | 510 | 333 | 234 |
| Social sciences, n.e.c. | 2,975 | 3,940 | 7,654 | 9,034 | 11,132 | 11,188 | 20,867 |
| History | 0 | 0 | 0 | 0 | 0 | 111 | NA |
| Linguistics | 0 | 0 | 0 | 0 | 0 | 180 | NA |
| Other social sciences | 2,975 | 3,940 | 7,654 | 9,034 | 11,132 | 10,897 | NA |
| Other sciences, n.e.c. | 4,663 | 1,436 | 5,462 | 26,137 | 37,076 | 15,177 | 12,065 |

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

Table 3L. Federal obligations for applied research, by detailed field of science & engineering: National Science Foundation, fiscal years 1970-2003

[Dollars in thousands]

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| Field of science & engineering | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Total, all fields | 63,400 | 65,462 | 66,770 | 58,441 | 58,895 | 57,087 | 62,854 |
| Life sciences, total | 5,085 | 3,084 | 4,743 | 8,071 | 4,205 | 13,771 | 12,873 |
| Biol & agricultural, total | 5,005 | 116 | 211 | 7,897 | 3,977 | 13,624 | 12,873 |
| Biol (excl environmental) | NA | 116 | 211 | 5,974 | 2,877 | 5,722 | 5,499 |
| Environmental biology | NA | 0 | 0 | 1,923 | 1,100 | 7,623 | 7,106 |
| Agricultural | NA | 0 | 0 | 0 | 0 | 279 | 268 |
| Medical sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clinical medical | 0 | NA | NA | NA | NA | NA | NA |
| Other medical | 0 | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 80 | 2,968 | 4,532 | 174 | 228 | 147 | 0 |
| Psychology, total | 0 | 0 | 571 | 1,621 | 1,266 | 359 | 179 |
| Biological aspects | 0 | 0 | 5 | 370 | 268 | 82 | 118 |
| Social aspects | 0 | 0 | 566 | 1,251 | 967 | 223 | 53 |
| Psychological sciences, n.e.c. | 0 | 0 | 0 | 0 | 31 | 54 | 8 |
| Physical sciences, total | 4,980 | 5,922 | 8,717 | 4,652 | 2,223 | 6,030 | 9,410 |
| Astronomy | 0 | 0 | 0 | 25 | 67 | 12 | 32 |
| Chemistry | 3,269 | 3,571 | 5,284 | 2,339 | 913 | 2,784 | 3,916 |
| Physics | 1,711 | 2,351 | 3,365 | 1,777 | 851 | 3,154 | 5,366 |
| Physical sciences, n.e.c. | 0 | 0 | 68 | 511 | 392 | 80 | 96 |
| Environmental sciences, total | 4,733 | 3,709 | 3,803 | 3,021 | 1,794 | 5,321 | 4,126 |
| Atmospheric sciences | 2,930 | 300 | 126 | 109 | 21 | 1,088 | 1,168 |
| Geological sciences | 1,792 | 3,165 | 3,087 | 2,036 | 841 | 1,974 | 2,046 |
| Oceanography | 0 | 3 | 75 | 15 | 485 | 345 | 870 |
| Environmental sciences, n.e.c. | 11 | 241 | 515 | 861 | 447 | 1,914 | 42 |
| Math & computer sciences, total | 3,279 | 1,161 | 2,733 | 4,909 | 5,844 | 2,693 | 2,533 |
| Mathematics | 249 | 336 | 460 | 206 | 104 | 489 | 540 |
| Computer sciences | 3,030 | 825 | 2,273 | 4,634 | 4,510 | 2,204 | 1,993 |
| Math & computer sciences, n.e.c. | 0 | 0 | 0 | 69 | 1,230 | 0 | 0 |
| Engineering, total | 15,711 | 19,479 | 20,142 | 17,424 | 20,783 | 18,559 | 20,043 |
| Aeronautical | 120 | 125 | 0 | 0 | 0 | 56 | 3 |
| Astronautical | 0 | 0 | 0 | 0 | 30 | 1 | 0 |
| Chemical | 584 | 616 | 617 | 442 | 1,977 | 2,407 | 2,680 |
| Civil | 1,652 | 1,437 | 11,519 | 10,876 | 10,009 | 6,780 | 6,570 |
| Electrical | 649 | 680 | 360 | 605 | 3,778 | 3,998 | 4,741 |
| Mechanical | 657 | 676 | 46 | 387 | 2,153 | 1,413 | 1,548 |
| Metallurgy & materials | 1,462 | 1,280 | 2,348 | 3,503 | 1,613 | 2,871 | 3,269 |
| Engineering, n.e.c. | 10,587 | 14,665 | 5,252 | 1,611 | 1,223 | 1,033 | 1,232 |
| Social sciences, total | 19,491 | 18,699 | 17,165 | 10,647 | 10,388 | 6,276 | 6,874 |
| Anthropology | 0 | 0 | 0 | 62 | 12 | 90 | 173 |
| Economics | 1,500 | 1,460 | 2,988 | 5,216 | 5,239 | 3,063 | 2,932 |
| Political science | 120 | 415 | 298 | 325 | 370 | 472 | 535 |
| Sociology | 210 | 357 | 303 | 830 | 641 | 586 | 664 |
| Social sciences, n.e.c. | 17,661 | 16,467 | 13,576 | 4,214 | 4,126 | 2,065 | 2,570 |
| History | NA | NA | NA | NA | NA | NA | NA |
| Linguistics | NA | NA | NA | NA | NA | NA | NA |
| Other social sciences | NA | NA | NA | NA | NA | NA | NA |
| Other sciences, n.e.c. | 10,121 | 13,408 | 8,896 | 8,096 | 12,392 | 4,078 | 6,816 |

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

Table 3L. Federal obligations for applied research, by detailed field of science & engineering: National Science Foundation, fiscal years 1970-2003

[Dollars in thousands]

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| Field of science & engineering | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|---------------------------------------|--------|--------|--------|--------|--------|---------|---------|
| Total, all fields | 70,480 | 83,776 | 78,114 | 99,336 | 99,583 | 107,767 | 103,259 |
| Life sciences, total | 13,749 | 13,233 | 11,127 | 14,113 | 9,489 | 9,624 | 9,900 |
| Biol & agricultural, total | 13,749 | 10,726 | 9,656 | 11,861 | 9,452 | 9,583 | 9,884 |
| Biol (excl environmental) | 6,500 | 4,275 | 4,087 | 5,919 | 3,993 | 4,108 | 6,170 |
| Environmental biology | 6,695 | 6,451 | 5,569 | 5,942 | 5,459 | 5,475 | 3,714 |
| Agricultural | 554 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medical sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clinical medical | NA | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 0 | 2,507 | 1,471 | 2,252 | 37 | 41 | 16 |
| Psychology, total | 185 | 349 | 422 | 346 | 298 | 313 | 73 |
| Biological aspects | 130 | 172 | 63 | 236 | 61 | 68 | 34 |
| Social aspects | 54 | 177 | 231 | 39 | 17 | 18 | 39 |
| Psychological sciences, n.e.c. | 1 | 0 | 128 | 71 | 220 | 227 | 0 |
| Physical sciences, total | 10,942 | 11,751 | 12,184 | 14,727 | 11,692 | 11,632 | 15,109 |
| Astronomy | 33 | 0 | 263 | 136 | 97 | 258 | 390 |
| Chemistry | 3,134 | 2,893 | 3,053 | 3,554 | 5,299 | 5,284 | 5,302 |
| Physics | 7,756 | 8,858 | 8,524 | 8,376 | 5,551 | 5,342 | 6,593 |
| Physical sciences, n.e.c. | 19 | 0 | 344 | 2,661 | 745 | 748 | 2,824 |
| Environmental sciences, total | 5,076 | 7,366 | 6,466 | 4,975 | 5,190 | 5,366 | 4,824 |
| Atmospheric sciences | 1,057 | 1,396 | 1,621 | 2,148 | 2,020 | 1,419 | 819 |
| Geological sciences | 2,705 | 2,727 | 2,820 | 1,636 | 2,000 | 1,702 | 835 |
| Oceanography | 1,122 | 2,302 | 1,912 | 952 | 780 | 1,869 | 2,266 |
| Environmental sciences, n.e.c. | 192 | 941 | 113 | 239 | 390 | 376 | 904 |
| Math & computer sciences, total | 1,674 | 2,192 | 2,098 | 2,996 | 3,418 | 4,274 | 14,143 |
| Mathematics | 300 | 742 | 1,009 | 648 | 238 | 242 | 1,800 |
| Computer sciences | 948 | 1,428 | 1,089 | 2,348 | 3,180 | 4,032 | 12,343 |
| Math & computer sciences, n.e.c. | 426 | 22 | 0 | 0 | 0 | 0 | 0 |
| Engineering, total | 23,420 | 29,846 | 29,486 | 42,633 | 50,891 | 55,074 | 37,933 |
| Aeronautical | 49 | 56 | 40 | 76 | 89 | 98 | 107 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 3,377 | 6,224 | 5,958 | 9,238 | 8,998 | 9,689 | 8,968 |
| Civil | 6,899 | 6,393 | 5,327 | 7,799 | 5,897 | 6,397 | 4,041 |
| Electrical | 5,959 | 7,147 | 8,804 | 13,350 | 15,220 | 16,754 | 9,429 |
| Mechanical | 3,483 | 4,569 | 4,306 | 6,690 | 8,596 | 9,259 | 6,739 |
| Metallurgy & materials | 2,621 | 3,305 | 2,958 | 2,118 | 4,588 | 4,710 | 2,584 |
| Engineering, n.e.c. | 1,032 | 2,152 | 2,093 | 3,362 | 7,503 | 8,167 | 6,065 |
| Social sciences, total | 5,061 | 7,761 | 5,638 | 8,188 | 7,778 | 8,016 | 9,986 |
| Anthropology | 186 | 506 | 511 | 581 | 330 | 125 | 22 |
| Economics | 1,871 | 3,438 | 2,127 | 4,426 | 4,044 | 4,400 | 3,232 |
| Political science | 491 | 574 | 478 | 358 | 364 | 374 | 850 |
| Sociology | 748 | 1,105 | 767 | 834 | 1,005 | 1,041 | 1,191 |
| Social sciences, n.e.c. | 1,765 | 2,138 | 1,755 | 1,989 | 2,035 | 2,076 | 4,691 |
| History | NA | NA | NA | NA | NA | NA | NA |
| Linguistics | NA | NA | NA | NA | NA | NA | NA |
| Other social sciences | NA | NA | NA | NA | NA | NA | NA |
| Other sciences, n.e.c. | 10,373 | 11,278 | 10,693 | 11,358 | 10,827 | 13,468 | 11,291 |

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

Table 3L. Federal obligations for applied research, by detailed field of science & engineering: National Science Foundation, fiscal years 1970-2003

[Dollars in thousands]

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| Field of science & engineering | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Total, all fields | 109,018 | 126,925 | 138,119 | 169,689 | 176,013 | 180,958 | 191,807 |
| Life sciences, total | 9,009 | 14,733 | 13,614 | 17,271 | 17,053 | 9,925 | 10,354 |
| Biol & agricultural, total | 8,968 | 14,717 | 11,959 | 16,535 | 14,812 | 9,901 | 10,354 |
| Biol (excl environmental) | 4,733 | 8,500 | 8,779 | 12,139 | 6,697 | 2,635 | 1,189 |
| Environmental biology | 4,235 | 6,217 | 3,180 | 4,396 | 8,115 | 7,266 | 9,165 |
| Agricultural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medical sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clinical medical | NA | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 41 | 16 | 1,655 | 736 | 2,241 | 24 | 0 |
| Psychology, total | 222 | 2,166 | 4,656 | 5,085 | 3,468 | 4,536 | 53 |
| Biological aspects | 23 | 233 | 229 | 8 | 630 | 219 | 0 |
| Social aspects | 90 | 232 | 183 | 554 | 1,084 | 1,701 | 53 |
| Psychological sciences, n.e.c. | 109 | 1,701 | 4,244 | 4,523 | 1,754 | 2,616 | 0 |
| Physical sciences, total | 11,111 | 16,771 | 14,476 | 17,800 | 17,884 | 12,836 | 13,831 |
| Astronomy | 89 | 643 | 193 | 96 | 29 | 12 | 13 |
| Chemistry | 4,516 | 7,995 | 3,441 | 10,133 | 10,023 | 7,582 | 4,582 |
| Physics | 5,856 | 7,449 | 2,176 | 5,187 | 4,309 | 2,844 | 2,608 |
| Physical sciences, n.e.c. | 650 | 684 | 8,666 | 2,384 | 3,523 | 2,398 | 6,628 |
| Environmental sciences, total | 4,538 | 5,581 | 4,876 | 7,670 | 6,422 | 5,141 | 5,450 |
| Atmospheric sciences | 594 | 1,027 | 259 | 928 | 837 | 224 | 48 |
| Geological sciences | 2,316 | 2,656 | 2,355 | 3,288 | 3,384 | 2,756 | 2,980 |
| Oceanography | 901 | 715 | 1,205 | 1,598 | 1,290 | 1,795 | 2,388 |
| Environmental sciences, n.e.c. | 727 | 1,183 | 1,057 | 1,856 | 911 | 366 | 34 |
| Math & computer sciences, total | 8,932 | 22,102 | 15,298 | 24,172 | 16,607 | 19,749 | 15,166 |
| Mathematics | 1,217 | 1,905 | 1,382 | 2,050 | 3,063 | 314 | 184 |
| Computer sciences | 7,715 | 19,530 | 8,524 | 14,572 | 8,539 | 15,442 | 14,982 |
| Math & computer sciences, n.e.c. | 0 | 667 | 5,392 | 7,550 | 5,005 | 3,993 | 0 |
| Engineering, total | 56,298 | 49,675 | 61,884 | 70,542 | 86,342 | 105,653 | 114,144 |
| Aeronautical | 163 | 130 | 97 | 1,045 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 11,937 | 11,767 | 11,279 | 8,628 | 14,775 | 10,133 | 9,921 |
| Civil | 5,207 | 4,953 | 4,197 | 5,460 | 5,033 | 5,347 | 9,081 |
| Electrical | 11,987 | 11,091 | 8,658 | 17,978 | 11,438 | 920 | 641 |
| Mechanical | 6,599 | 7,411 | 7,801 | 9,545 | 13,196 | 942 | 1,110 |
| Metallurgy & materials | 4,013 | 3,416 | 3,603 | 9,374 | 16,296 | 2,500 | 3,215 |
| Engineering, n.e.c. | 16,392 | 10,907 | 26,249 | 18,512 | 25,604 | 85,811 | 90,176 |
| Social sciences, total | 7,269 | 8,614 | 9,101 | 9,030 | 11,954 | 10,282 | 10,896 |
| Anthropology | 783 | 647 | 239 | 813 | 1,022 | 589 | 588 |
| Economics | 2,303 | 3,279 | 3,373 | 2,003 | 2,883 | 1,733 | 3,197 |
| Political science | 467 | 565 | 583 | 467 | 763 | 403 | 587 |
| Sociology | 1,358 | 1,519 | 1,468 | 1,442 | 2,127 | 343 | 1,161 |
| Social sciences, n.e.c. | 2,358 | 2,604 | 3,438 | 4,305 | 5,159 | 7,214 | 5,363 |
| History | NA | NA | NA | NA | NA | NA | NA |
| Linguistics | NA | NA | NA | NA | NA | NA | NA |
| Other social sciences | NA | NA | NA | NA | NA | NA | NA |
| Other sciences, n.e.c. | 11,639 | 7,283 | 14,214 | 18,119 | 16,283 | 12,836 | 21,913 |

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

Table 3L. Federal obligations for applied research, by detailed field of science & engineering: National Science Foundation, fiscal years 1970-2003

[Dollars in thousands]

| Field of science & engineering | 1998 | 1999 | 2000 | 2001 | Preliminary | |
|---------------------------------------|---------|---------|---------|---------|-------------|---------|
| | | | | | 2002 | 2003 |
| Total, all fields | 170,660 | 146,528 | 185,500 | 180,926 | 191,656 | 198,674 |
| Life sciences, total | 15,312 | 17,116 | 13,539 | 12,344 | 13,077 | 13,556 |
| Biol & agricultural, total | 15,312 | 17,116 | 13,539 | 12,344 | NA | NA |
| Biol (excl environmental) | 5,881 | 5,518 | 2,446 | 2,081 | NA | NA |
| Environmental biology | 9,431 | 11,598 | 11,093 | 10,263 | NA | NA |
| Agricultural | 0 | 0 | 0 | 0 | NA | NA |
| Medical sciences, total | 0 | 0 | 0 | 0 | NA | NA |
| Clinical medical | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 0 | 0 | 0 | 0 | NA | NA |
| Psychology, total | 18 | 4 | 21 | 38 | 41 | 42 |
| Biological aspects | 0 | 0 | 0 | 0 | NA | NA |
| Social aspects | 18 | 4 | 21 | 38 | NA | NA |
| Psychological sciences, n.e.c. | 0 | 0 | 0 | 0 | NA | NA |
| Physical sciences, total | 15,267 | 15,238 | 20,156 | 19,845 | 21,022 | 21,792 |
| Astronomy | 14 | 0 | 2,675 | 3,411 | NA | NA |
| Chemistry | 5,099 | 7,541 | 8,297 | 5,859 | NA | NA |
| Physics | 4,839 | 3,442 | 4,655 | 4,808 | NA | NA |
| Physical sciences, n.e.c. | 5,315 | 4,255 | 4,529 | 5,767 | NA | NA |
| Environmental sciences, total | 4,327 | 205 | 1,709 | 3,132 | 3,317 | 3,439 |
| Atmospheric sciences | 62 | 2 | 208 | 228 | NA | NA |
| Geological sciences | 2,842 | 33 | 322 | 356 | NA | NA |
| Oceanography | 1,065 | 105 | 487 | 1,352 | NA | NA |
| Environmental sciences, n.e.c. | 358 | 65 | 692 | 1,196 | NA | NA |
| Math & computer sciences, total | 9,127 | 6,841 | 16,992 | 14,041 | 14,874 | 15,418 |
| Mathematics | 200 | 9 | 85 | 83 | NA | NA |
| Computer sciences | 8,927 | 6,832 | 16,907 | 13,958 | NA | NA |
| Math & computer sciences, n.e.c. | 0 | 0 | 0 | 0 | NA | NA |
| Engineering, total | 100,557 | 94,039 | 106,676 | 108,096 | 114,507 | 118,700 |
| Aeronautical | 0 | 0 | 0 | 0 | NA | NA |
| Astronautical | 0 | 0 | 0 | 0 | NA | NA |
| Chemical | 8,682 | 8,309 | 8,610 | 9,144 | NA | NA |
| Civil | 15,008 | 7,534 | 7,501 | 7,724 | NA | NA |
| Electrical | 450 | 8,645 | 12,849 | 12,003 | NA | NA |
| Mechanical | 1,026 | 965 | 1,141 | 929 | NA | NA |
| Metallurgy & materials | 3,902 | 2,391 | 1,818 | 2,033 | NA | NA |
| Engineering, n.e.c. | 71,489 | 66,195 | 74,757 | 76,263 | NA | NA |
| Social sciences, total | 9,799 | 12,212 | 12,900 | 13,403 | 14,197 | 14,717 |
| Anthropology | 663 | 266 | 647 | 972 | NA | NA |
| Economics | 3,508 | 3,538 | 3,941 | 4,329 | NA | NA |
| Political science | 550 | 563 | 531 | 699 | NA | NA |
| Sociology | 1,024 | 1,006 | 1,114 | 1,001 | NA | NA |
| Social sciences, n.e.c. | 4,054 | 6,839 | 6,667 | 6,402 | NA | NA |
| History | NA | NA | NA | NA | NA | NA |
| Linguistics | NA | NA | NA | NA | NA | NA |
| Other social sciences | NA | NA | NA | NA | NA | NA |
| Other sciences, n.e.c. | 16,253 | 873 | 13,507 | 10,027 | 10,621 | 11,010 |

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year, or that the agency or subagency did not exist as such or in that organization in that year)
n.e.c. = Not elsewhere classified

NOTE: The National Science Foundation has made changes to its field of science and engineering coding system, producing changes to some of the fiscal year 1996 field of science data (such as mechanical engineering). These changes are reflected in the historical data tables.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003