

**Table 2F. Federal obligations for basic research, by detailed field of science
& engineering: Department of Health & Human Services,
fiscal years 1970-2003**

[Dollars in thousands]

Page 1 of 5

| Field of science & engineering | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Total, all fields | 505,152 | 567,708 | 661,655 | 655,899 | 845,099 | 901,853 | 981,091 |
| Life sciences, total | 438,620 | 493,064 | 573,838 | 578,295 | 756,639 | 813,257 | 890,670 |
| Biol & agricultural, total | 261,987 | 293,465 | 342,441 | 344,295 | 446,773 | 478,833 | 533,765 |
| 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 | 163,923 | 185,193 | 214,646 | 217,041 | 287,692 | 308,247 | 328,265 |
| Clinical medical | 7,891 | 4,905 | 9,011 | 8,148 | 8,982 | 11,900 | 3,518 |
| Other medical | 156,032 | 180,288 | 205,635 | 208,893 | 278,710 | 296,347 | 324,747 |
| Life sciences, n.e.c. | 12,710 | 14,406 | 16,751 | 16,959 | 22,174 | 26,177 | 28,640 |
| Psychology, total | 24,629 | 27,288 | 30,689 | 27,954 | 26,737 | 26,448 | 24,109 |
| Biological aspects | 11,607 | 13,340 | 14,997 | 13,169 | 12,733 | 9,002 | 10,169 |
| Social aspects | 9,067 | 9,465 | 10,479 | 9,508 | 7,104 | 9,370 | 5,749 |
| Psychological sciences, n.e.c. | 3,955 | 4,483 | 5,213 | 5,277 | 6,900 | 8,076 | 8,191 |
| Physical sciences, total | 13,044 | 14,966 | 17,473 | 17,519 | 21,655 | 23,273 | 25,525 |
| Astronomy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry | 11,889 | 1,013 | 15,950 | 15,977 | 19,640 | 21,119 | 23,132 |
| Physics | 1,155 | 12,643 | 1,523 | 1,542 | 2,015 | 2,154 | 2,393 |
| Physical sciences, n.e.c. | 0 | 1,310 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atmospheric sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Geological sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oceanography | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Math & computer sciences, total | 1,244 | 1,695 | 1,904 | 1,868 | 2,809 | 2,855 | 2,912 |
| Mathematics | NA | NA | NA | NA | NA | NA | 2,912 |
| Computer sciences | NA | NA | NA | NA | NA | NA | 0 |
| Math & computer sciences, n.e.c. | NA | NA | NA | NA | NA | NA | 0 |
| Engineering, total | 4,000 | 4,533 | 5,271 | 5,337 | 6,979 | 7,457 | 8,283 |
| Aeronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mechanical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Metallurgy & materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, n.e.c. | 4,000 | 4,533 | 5,271 | 5,337 | 6,979 | 7,457 | 8,283 |
| Social sciences, total | 16,860 | 18,506 | 23,578 | 15,913 | 18,496 | 14,830 | 15,384 |
| Anthropology | 1,533 | 1,168 | 1,966 | 1,717 | 446 | 933 | 333 |
| Economics | 5,098 | 4,933 | 5,700 | 3,600 | 5,820 | 2,847 | 2,562 |
| Political science | 511 | 525 | 806 | 650 | 645 | 40 | 61 |
| Sociology | 8,648 | 9,438 | 11,616 | 6,560 | 8,200 | 4,006 | 7,530 |
| Social sciences, n.e.c. | 1,070 | 2,442 | 3,490 | 3,386 | 3,385 | 7,004 | 4,898 |
| History | 0 | 0 | 0 | 0 | 71 | 200 | NA |
| Linguistics | 0 | 1,253 | 1,990 | 1,743 | 521 | 400 | NA |
| Other social sciences | 1,070 | 1,189 | 1,500 | 1,643 | 2,793 | 6,404 | NA |
| Other sciences, n.e.c. | 6,755 | 7,656 | 8,902 | 9,013 | 11,784 | 13,733 | 14,208 |

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

**Table 2F. Federal obligations for basic research, by detailed field of science
& engineering: Department of Health & Human Services,
fiscal years 1970-2003**

[Dollars in thousands]

Page 2 of 5

| Field of science & engineering | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total, all fields | 1,107,615 | 1,274,063 | 1,576,011 | 1,762,668 | 1,900,384 | 2,144,694 | 2,475,400 |
| Life sciences, total | 1,003,714 | 1,154,142 | 1,424,105 | 1,562,818 | 1,685,098 | 1,947,501 | 2,255,312 |
| Biol & agricultural, total | 597,819 | 692,367 | 871,516 | 893,023 | 976,162 | 1,158,706 | 1,364,402 |
| Biol (excl environmental) | NA | 692,367 | 871,516 | 892,977 | 976,095 | 1,158,545 | 1,364,175 |
| Environmental biology | NA | 0 | 0 | 46 | 67 | 161 | 227 |
| Agricultural | NA | 0 | 0 | 0 | 0 | 0 | 0 |
| Medical sciences, total | 371,742 | 423,656 | 504,166 | 614,338 | 656,081 | 733,410 | 811,277 |
| Clinical medical | 7,725 | NA | NA | NA | NA | NA | NA |
| Other medical | 364,017 | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 34,153 | 38,119 | 48,423 | 55,457 | 52,855 | 55,385 | 79,633 |
| Psychology, total | 27,613 | 35,272 | 40,098 | 49,721 | 58,985 | 57,276 | 60,476 |
| Biological aspects | 11,400 | 15,766 | 15,938 | 19,506 | 21,588 | 25,050 | 24,054 |
| Social aspects | 7,021 | 9,056 | 10,038 | 10,328 | 10,863 | 11,666 | 11,414 |
| Psychological sciences, n.e.c. | 9,192 | 10,450 | 14,122 | 19,887 | 26,534 | 20,560 | 25,008 |
| Physical sciences, total | 29,506 | 32,936 | 40,733 | 53,727 | 53,244 | 53,172 | 61,758 |
| Astronomy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry | 26,821 | 29,827 | 36,676 | 47,406 | 47,992 | 47,996 | 55,046 |
| Physics | 2,685 | 3,109 | 4,057 | 6,321 | 5,252 | 5,176 | 6,712 |
| Physical sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atmospheric sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Geological sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oceanography | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Math & computer sciences, total | 3,465 | 3,651 | 3,663 | 4,874 | 5,213 | 5,399 | 6,158 |
| Mathematics | 3,465 | 3,651 | 3,398 | 4,678 | 5,213 | 5,399 | 6,090 |
| Computer sciences | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| Math & computer sciences, n.e.c. | 0 | 0 | 265 | 196 | 0 | 0 | 0 |
| Engineering, total | 9,295 | 10,753 | 13,897 | 26,009 | 28,273 | 24,828 | 24,231 |
| Aeronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mechanical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Metallurgy & materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, n.e.c. | 9,295 | 10,753 | 13,897 | 26,009 | 28,273 | 24,828 | 24,231 |
| Social sciences, total | 14,834 | 19,290 | 28,347 | 34,237 | 33,187 | 20,908 | 33,585 |
| Anthropology | 307 | 313 | 288 | 412 | 273 | 409 | 249 |
| Economics | 2,954 | 3,784 | 2,189 | 2,948 | 1,514 | 979 | 1,486 |
| Political science | 88 | 76 | 343 | 508 | 709 | 349 | 687 |
| Sociology | 6,399 | 7,864 | 9,740 | 13,655 | 13,094 | 10,298 | 24,818 |
| Social sciences, n.e.c. | 5,086 | 7,253 | 15,787 | 16,714 | 17,597 | 8,873 | 6,345 |
| 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. | 19,188 | 18,019 | 25,168 | 31,282 | 36,384 | 35,610 | 33,880 |

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

**Table 2F. Federal obligations for basic research, by detailed field of science
& engineering: Department of Health & Human Services,
fiscal years 1970-2003**

[Dollars in thousands]

Page 3 of 5

| Field of science & engineering | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total, all fields | 2,814,525 | 3,232,547 | 3,338,767 | 3,827,918 | 4,081,403 | 4,388,007 | 4,649,031 |
| Life sciences, total | 2,571,179 | 2,937,098 | 3,014,028 | 3,484,321 | 3,575,065 | 3,856,937 | 4,095,554 |
| Biol & agricultural, total | 1,548,458 | 1,766,035 | 1,798,187 | 2,087,411 | 2,017,131 | 2,151,912 | 2,253,807 |
| Biol (excl environmental) | 1,547,742 | 1,765,260 | 1,797,551 | 2,086,365 | 2,016,198 | 2,151,231 | 2,253,250 |
| Environmental biology | 94 | 317 | 139 | 424 | 639 | 365 | 455 |
| Agricultural | 622 | 458 | 497 | 622 | 294 | 316 | 102 |
| Medical sciences, total | 934,325 | 1,053,111 | 1,103,662 | 1,254,622 | 1,495,414 | 1,620,482 | 1,755,872 |
| Clinical medical | NA | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 88,396 | 117,952 | 112,179 | 142,288 | 62,520 | 84,543 | 85,875 |
| Psychology, total | 69,924 | 82,915 | 86,961 | 102,684 | 124,933 | 138,128 | 163,862 |
| Biological aspects | 28,686 | 30,663 | 32,269 | 33,924 | 37,549 | 41,920 | 50,900 |
| Social aspects | 13,870 | 18,475 | 18,243 | 20,865 | 21,578 | 27,270 | 41,906 |
| Psychological sciences, n.e.c. | 27,368 | 33,777 | 36,449 | 47,895 | 65,806 | 68,938 | 71,056 |
| Physical sciences, total | 72,043 | 84,844 | 85,221 | 94,217 | 101,262 | 90,954 | 99,899 |
| Astronomy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry | 64,961 | 79,596 | 78,659 | 86,742 | 92,971 | 81,761 | 87,079 |
| Physics | 7,082 | 5,248 | 6,517 | 7,429 | 8,253 | 9,042 | 12,671 |
| Physical sciences, n.e.c. | 0 | 0 | 45 | 46 | 38 | 151 | 149 |
| Environmental sciences, total | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atmospheric sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Geological sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oceanography | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Math & computer sciences, total | 7,192 | 7,286 | 6,734 | 8,413 | 10,583 | 9,883 | 12,399 |
| Mathematics | 6,910 | 6,836 | 6,554 | 7,963 | 9,983 | 9,345 | 11,947 |
| Computer sciences | 282 | 450 | 180 | 450 | 600 | 538 | 452 |
| Math & computer sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, total | 24,421 | 25,170 | 35,245 | 40,162 | 53,516 | 49,524 | 49,248 |
| Aeronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mechanical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Metallurgy & materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, n.e.c. | 24,421 | 25,170 | 35,245 | 40,162 | 53,516 | 49,524 | 49,248 |
| Social sciences, total | 35,523 | 35,314 | 33,552 | 39,920 | 55,094 | 59,518 | 39,044 |
| Anthropology | 306 | 310 | 775 | 1,456 | 1,200 | 437 | 939 |
| Economics | 2,837 | 3,186 | 3,481 | 4,186 | 7,534 | 10,082 | 3,198 |
| Political science | 1,268 | 1,672 | 1,602 | 776 | 1,046 | 1,056 | 1,138 |
| Sociology | 25,019 | 24,123 | 21,726 | 25,670 | 28,845 | 31,550 | 16,977 |
| Social sciences, n.e.c. | 6,093 | 6,023 | 5,968 | 7,832 | 16,469 | 16,393 | 16,792 |
| 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. | 34,243 | 59,920 | 77,026 | 58,201 | 160,950 | 183,063 | 189,025 |

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

**Table 2F. Federal obligations for basic research, by detailed field of science
& engineering: Department of Health & Human Services,
fiscal years 1970-2003**

[Dollars in thousands]

Page 4 of 5

| Field of science & engineering | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total, all fields | 5,050,114 | 5,058,703 | 5,696,697 | 5,883,983 | 6,061,057 | 6,504,626 | 6,851,762 |
| Life sciences, total | 4,278,276 | 4,606,313 | 4,970,065 | 5,121,245 | 5,277,303 | 5,662,003 | 5,948,944 |
| Biol & agricultural, total | 2,341,987 | 2,415,505 | 2,633,649 | 2,549,529 | 2,633,445 | 2,800,983 | 2,781,461 |
| Biol (excl environmental) | 2,339,903 | 2,415,432 | 2,626,995 | 2,549,470 | 2,633,397 | 2,800,937 | 2,781,408 |
| Environmental biology | 808 | 73 | 6,654 | 59 | 48 | 46 | 53 |
| Agricultural | 1,276 | 0 | 0 | 0 | 0 | 0 | 0 |
| Medical sciences, total | 1,760,866 | 2,022,205 | 2,256,427 | 2,483,259 | 2,521,452 | 2,672,637 | 2,967,638 |
| Clinical medical | NA | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 175,423 | 168,603 | 79,989 | 88,457 | 122,406 | 188,383 | 199,845 |
| Psychology, total | 195,043 | 81,024 | 203,171 | 207,176 | 229,670 | 242,416 | 254,934 |
| Biological aspects | 59,206 | 0 | 0 | 10,416 | 14,594 | 9,367 | 7,808 |
| Social aspects | 56,781 | 0 | 0 | 2,225 | 4,888 | 3,927 | 3,847 |
| Psychological sciences, n.e.c. | 79,056 | 81,024 | 203,171 | 194,535 | 210,188 | 229,122 | 243,279 |
| Physical sciences, total | 109,970 | 121,061 | 126,776 | 122,046 | 119,539 | 101,668 | 108,504 |
| Astronomy | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemistry | 94,052 | 108,221 | 111,476 | 108,186 | 106,105 | 90,340 | 96,324 |
| Physics | 15,918 | 12,840 | 15,300 | 13,860 | 13,434 | 11,328 | 12,180 |
| Physical sciences, n.e.c. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, total | 0 | 0 | 0 | 0 | 12,307 | 19,745 | 20,947 |
| Atmospheric sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Geological sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oceanography | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental sciences, n.e.c. | 0 | 0 | 0 | 0 | 12,307 | 19,745 | 20,947 |
| Math & computer sciences, total | 11,228 | 12,099 | 21,575 | 25,846 | 30,982 | 55,621 | 61,658 |
| Mathematics | 4,660 | 10,984 | 14,262 | 25,155 | 20,469 | 26,748 | 28,721 |
| Computer sciences | 432 | 1,115 | 7,313 | 691 | 10,513 | 28,873 | 32,937 |
| Math & computer sciences, n.e.c. | 6,136 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, total | 53,160 | 57,938 | 65,471 | 70,659 | 92,277 | 93,468 | 99,155 |
| Aeronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Astronautical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mechanical | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Metallurgy & materials | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering, n.e.c. | 53,160 | 57,938 | 65,471 | 70,659 | 92,277 | 93,468 | 99,155 |
| Social sciences, total | 52,255 | 20,782 | 55,294 | 51,152 | 61,816 | 59,849 | 63,512 |
| Anthropology | 1,873 | 0 | 0 | 0 | 0 | 0 | 0 |
| Economics | 2,889 | 0 | 0 | 0 | 0 | 0 | 0 |
| Political science | 683 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sociology | 20,417 | 0 | 1,494 | 210 | 0 | 128 | 157 |
| Social sciences, n.e.c. | 26,393 | 20,782 | 53,800 | 50,942 | 61,816 | 59,721 | 63,355 |
| 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. | 350,182 | 159,486 | 254,345 | 285,859 | 237,163 | 269,856 | 294,108 |

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

Table 2F. Federal obligations for basic research, by detailed field of science & engineering: Department of Health & Human Services, fiscal years 1970-2003

[Dollars in thousands]

| Field of science & engineering | 1998 | 1999 | 2000 | 2001 | Preliminary | |
|---------------------------------------|-----------|-----------|------------|------------|-------------|------------|
| | | | | | 2002 | 2003 |
| Total, all fields | 7,355,363 | 8,632,526 | 10,055,392 | 11,592,333 | 13,173,349 | 14,456,334 |
| Life sciences, total | 6,386,178 | 7,495,048 | 8,139,473 | 10,504,460 | 11,937,081 | 13,099,663 |
| Biol & agricultural, total | 2,985,930 | 3,504,418 | 6,053,754 | 7,108,050 | NA | NA |
| Biol (excl environmental) | 2,985,873 | 3,504,351 | 6,053,754 | 7,108,050 | NA | NA |
| Environmental biology | 57 | 67 | 0 | 0 | NA | NA |
| Agricultural | 0 | 0 | 0 | 0 | NA | NA |
| Medical sciences, total | 3,185,712 | 3,738,841 | 1,665,552 | 2,232,879 | NA | NA |
| Clinical medical | NA | NA | NA | NA | NA | NA |
| Other medical | NA | NA | NA | NA | NA | NA |
| Life sciences, n.e.c. | 214,536 | 251,789 | 420,167 | 1,163,531 | NA | NA |
| Psychology, total | 273,675 | 321,197 | 778,662 | 261,382 | 297,037 | 325,966 |
| Biological aspects | 8,382 | 9,838 | 0 | 0 | NA | NA |
| Social aspects | 4,130 | 4,847 | 0 | 0 | NA | NA |
| Psychological sciences, n.e.c. | 261,163 | 306,512 | 778,662 | 261,382 | NA | NA |
| Physical sciences, total | 116,480 | 136,706 | 324,920 | 262,968 | 298,839 | 327,943 |
| Astronomy | 0 | 0 | 0 | 0 | NA | NA |
| Chemistry | 103,405 | 121,361 | 316,173 | 233,835 | NA | NA |
| Physics | 13,075 | 15,345 | 0 | 0 | NA | NA |
| Physical sciences, n.e.c. | 0 | 0 | 8,747 | 29,133 | NA | NA |
| Environmental sciences, total | 22,487 | 26,392 | 192,508 | 138,907 | 157,855 | 173,229 |
| Atmospheric sciences | 0 | 0 | 0 | 0 | NA | NA |
| Geological sciences | 0 | 0 | 0 | 0 | NA | NA |
| Oceanography | 0 | 0 | 0 | 0 | NA | NA |
| Environmental sciences, n.e.c. | 22,487 | 26,392 | 192,508 | 138,907 | NA | NA |
| Math & computer sciences, total | 66,191 | 77,685 | 66,929 | 16,933 | 19,243 | 21,117 |
| Mathematics | 30,833 | 36,187 | 66,929 | 16,933 | NA | NA |
| Computer sciences | 35,358 | 41,498 | 0 | 0 | NA | NA |
| Math & computer sciences, n.e.c. | 0 | 0 | 0 | 0 | NA | NA |
| Engineering, total | 106,444 | 124,927 | 204,846 | 127,336 | 144,706 | 158,799 |
| Aeronautical | 0 | 0 | 0 | 0 | NA | NA |
| Astronautical | 0 | 0 | 0 | 0 | NA | NA |
| Chemical | 0 | 0 | 0 | 0 | NA | NA |
| Civil | 0 | 0 | 0 | 0 | NA | NA |
| Electrical | 0 | 0 | 0 | 0 | NA | NA |
| Mechanical | 0 | 0 | 0 | 0 | NA | NA |
| Metallurgy & materials | 0 | 0 | 27,732 | 42,606 | NA | NA |
| Engineering, n.e.c. | 106,444 | 124,927 | 177,114 | 84,730 | NA | NA |
| Social sciences, total | 68,180 | 80,019 | 123,751 | 63,755 | 72,451 | 79,508 |
| Anthropology | 0 | 0 | 0 | 0 | NA | NA |
| Economics | 0 | 0 | 0 | 0 | NA | NA |
| Political science | 0 | 0 | 0 | 0 | NA | NA |
| Sociology | 168 | 197 | 0 | 0 | NA | NA |
| Social sciences, n.e.c. | 68,012 | 79,822 | 123,751 | 63,755 | 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. | 315,728 | 370,552 | 224,303 | 216,592 | 246,137 | 270,109 |

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

NOTES: Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields (such as psychology) in fiscal year 1992 seems to be underreported.

Data shown for fiscal years 1970-78 represent obligations of the Department of Health, Education, and Welfare. In 1979 the Department of Health, Education, and Welfare reorganized to become the Department of Health & Human Services and the Department of Education.

Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.

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