Appendix table 2-29.
**Federal obligations for applied research: FY 1970–99**
(Millions of current dollars)

| Year | Total, all agencies | USDA | DOC | DoD | Education | DOE | HHS | DOI | Justice | DOT | Treasury | Veterans Affairs | EPA | AID | NASA | NSF | NRC | Smithsonian Inst. | Tenn. Valley Authority | All other agencies |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 ..... | 2,975 | 156 | 76 | 1,013 | NA | NA | NA | 81 | 5 | 83 | 0 | 53 | 48 | NA | 673 | 30 | NA | 0 | 6 | NA |
| 1971 ..... | 3,143 | 174 | 98 | 987 | NA | NA | NA | 95 | 7 | 97 | 0 | 59 | 48 | NA | 595 | 46 | NA | 0 | 7 | NA |
| 1972 ..... | 3,361 | 200 | 135 | 1,176 | NA | NA | NA | 104 | 12 | 98 | 0 | 64 | 45 | NA | 433 | 60 | NA | 0 | 8 | NA |
| 1973 ..... | 3,349 | 211 | 124 | 1,129 | NA | NA | NA | 111 | 5 | 77 | 0 | 67 | 65 | NA | 444 | 72 | NA | 0 | 13 | NA |
| 1974 ..... | 3,788 | 219 | 122 | 1,131 | NA | NA | NA | 95 | 16 | 62 | 0 | 75 | 87 | NA | 540 | 105 | 42 | 0 | 12 | NA |
| 1975 ..... | 4,141 | 248 | 136 | 1,131 | NA | NA | NA | 179 | 9 | 54 | 0 | 83 | 124 | NA | 626 | 84 | 64 | 0 | 15 | NA |
| 1976 ..... | 4,852 | 271 | 145 | 1,201 | NA | NA | NA | 205 | 14 | 31 | 1 | 76 | 142 | NA | 930 | 72 | 88 | 0 | 16 | NA |
| 1977 ..... | 5,255 | 320 | 164 | 1,343 | NA | 502 | NA | 192 | 12 | 52 | 2 | 83 | 197 | NA | 792 | 63 | 112 | 0 | 19 | NA |
| 1978 ..... | 5,908 | 352 | 181 | 1,414 | NA | 662 | NA | 218 | 31 | 67 | 4 | 91 | 247 | NA | 865 | 65 | 134 | 0 | 10 | NA |
| 1979 ..... | 6,342 | 376 | 208 | 1,543 | 73 | 669 | 1,440 | 267 | 21 | 67 | 4 | 102 | 249 | 67 | 938 | 67 | 149 | 0 | 12 | NA |
| 1980 ..... | 6,923 | 382 | 239 | 1,721 | 70 | 754 | 1,570 | 283 | 19 | 82 | 4 | 104 | 232 | 80 | 1,051 | 58 | 183 | 0 | 11 | NA |
| 1981 ..... | 7,171 | 427 | 233 | 1,997 | 33 | 827 | 1,592 | 289 | 15 | 87 | 3 | 113 | 208 | 86 | 876 | 59 | 220 | 0 | 9 | NA |
| 1982 ..... | 7,541 | 436 | 259 | 2,266 | 56 | 1,054 | 1,461 | 275 | 13 | 66 | 6 | 110 | 211 | 128 | 871 | 57 | 220 | 0 | 8 | NA |
| 1983 ..... | 7,993 | 456 | 266 | 2,437 | 62 | 1,193 | 1,545 | 255 | 17 | 72 | 7 | 132 | 152 | 153 | 928 | 63 | 207 | 0 | 7 | NA |
| 1984 ..... | 7,911 | 442 | 276 | 2,201 | 69 | 1,194 | 1,651 | 254 | 13 | 74 | 7 | 156 | 142 | 164 | 955 | 70 | 191 | 0 | 9 | NA |
| 1985 ..... | 8,315 | 466 | 301 | 2,307 | 77 | 1,198 | 1,796 | 231 | 15 | 70 | 14 | 194 | 176 | 158 | 1,033 | 84 | 150 | 0 | 9 | NA |
| 1986 ..... | 8,349 | 464 | 313 | 2,303 | 91 | 1,081 | 1,851 | 235 | 17 | 68 | 13 | 155 | 179 | 181 | 1,152 | 78 | 124 | 0 | 11 | NA |
| 1987 ..... | 8,998 | 473 | 313 | 2,440 | 104 | 1,029 | 2,194 | 247 | 12 | 69 | 13 | 173 | 246 | 151 | 1,256 | 99 | 123 | 0 | 14 | 43 |
| 1988 ..... | 9,177 | 505 | 312 | 2,362 | 107 | 1,051 | 2,416 | 266 | 10 | 91 | 11 | 179 | 241 | 132 | 1,219 | 100 | 109 | 0 | 15 | 53 |
| 1989 ..... | 10,164 | 517 | 322 | 2,708 | 118 | 1,021 | 2,700 | 253 | 11 | 121 | 13 | 197 | 223 | 216 | 1,461 | 108 | 115 | 0 | 12 | 49 |
| 1990 ..... | 10,337 | 542 | 346 | 2,582 | 125 | 1,066 | 2,818 | 270 | 11 | 119 | 15 | 199 | 242 | 300 | 1,424 | 103 | 109 | 0 | 17 | 49 |
| 1991 ..... | 11,798 | 618 | 415 | 2,724 | 123 | 1,587 | 3,112 | 324 | 15 | 115 | 21 | 178 | 262 | 352 | 1,666 | 109 | 109 | 0 | 17 | 52 |
| 1992 ..... | 12,001 | 666 | 561 | 2,975 | 120 | 1,676 | 2,887 | 340 | 15 | 156 | 17 | 185 | 294 | 294 | 1,491 | 127 | 119 | 0 | 22 | 56 |
| 1993 ..... | 13,491 | 636 | 545 | 3,515 | 128 | 1,685 | 3,496 | 350 | 21 | 224 | 5 | 194 | 272 | 351 | 1,749 | 138 | 120 | 0 | 18 | 45 |
| 1994 ..... | 13,888 | 716 | 678 | 3,040 | 131 | 1,679 | 3,853 | 567 | 20 | 270 | 9 | 209 | 301 | 214 | 1,877 | 170 | 91 | 0 | 17 | 45 |
| 1995 ..... | 14,557 | 704 | 853 | 2,950 | 133 | 1,826 | 4,015 | 477 | 18 | 324 | 49 | 206 | 331 | 270 | 2,068 | 176 | 88 | 0 | 17 | 52 |
| 1996 ..... | 13,796 | 670 | 813 | 2,858 | 132 | 1,433 | 4,041 | 486 | 20 | 337 | 50 | 223 | 329 | 203 | 1,897 | 181 | 71 | 0 | 4 | 49 |
| 1997 ..... | 14,423 | 700 | 769 | 2,787 | 135 | 1,597 | 4,376 | 496 | 20 | 344 | 51 | 217 | 358 | 177 | 2,090 | 192 | 62 | 0 | 4 | 49 |
| 1998 ..... | 15,609 | 741 | 785 | 2,864 | 150 | 1,671 | 4,691 | 526 | 26 | 418 | 63 | 263 | 450 | 141 | 2,484 | 192 | 51 | 0 | 1 | 94 |
| 1999 ..... | 16,079 | 712 | 807 | 2,983 | 195 | 1,902 | 5,005 | 542 | 22 | 440 | 64 | 260 | 453 | 135 | 2,217 | 213 | 53 | 0 | 0 | 79 |

NA = not applicable, due to the agency in question not existing, or not having the same definition, in prior years; USDA = U.S. Department of Agriculture; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; NRC = National Research Council; AID = Agency for International Development; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; HHS = Health and Human Services; DOI = Department of the Interior; DOT = Department of Transportation; EPA = Environmental Protection Agency

SOURCES: National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Federal Funds for Research and Development: Fiscal Years 1997, 1998, and 1999*, NSF 99-333, Project Officer, Ronald L. Meeks (Arlington, VA: 1999); and NSF/SRS, *Federal Funds Survey, Detailed Historical Tables, Fiscal Years 1951-99*, NSF 99-347, Project Officer, Ronald L. Meeks (Arlington, VA: 1999).

See figure 2-18 in Volume I.