

Table. Historical Data on Federal R&D, FY 1976-2008

Historical Table 2. Total R&D by Agency, FY 1976-2008

APRIL 2007 REVISED

(budget authority in millions of CONSTANT FY 2007 dollars)

| fiscal years | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007** | 2008*** | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| DOD | 30,400 | 32,246 | 31,438 | 31,564 | 31,401 | 35,417 | 39,802 | 43,284 | 49,259 | 54,615 | 58,417 | 60,405 | 60,124 | 58,562 | 55,426 | 52,489 | 51,987 | 52,272 | 46,774 | 45,603 | 45,293 | 46,326 | 46,178 | 47,180 | 47,520 | 49,655 | 56,857 | 66,254 | 71,832 | 74,273 | 76,172 | 78,231 | 77,129 | |
| NASA | 10,657 | 10,662 | 10,629 | 11,105 | 11,742 | 11,266 | 8,761 | 5,001 | 5,279 | 6,083 | 6,223 | 7,047 | 7,391 | 8,986 | 10,409 | 11,460 | 11,757 | 11,861 | 12,389 | 12,203 | 11,939 | 11,634 | 11,985 | 11,789 | 11,291 | 11,487 | 11,655 | 11,935 | 11,767 | 11,223 | 11,581 | 11,806 | 12,296 | |
| DOE | 9,268 | 11,670 | 13,300 | 13,256 | 12,920 | 12,557 | 10,321 | 9,444 | 9,939 | 10,211 | 9,247 | 8,820 | 9,180 | 9,495 | 10,228 | 10,353 | 11,192 | 10,016 | 8,919 | 8,277 | 7,940 | 7,735 | 7,806 | 8,452 | 8,272 | 8,984 | 9,209 | 9,446 | 9,490 | 9,111 | 8,802 | 8,732 | 9,016 | |
| HHS | 7,858 | 8,074 | 8,944 | 8,599 | 8,524 | 8,184 | 7,520 | 7,992 | 8,596 | 9,397 | 9,435 | 10,847 | 11,383 | 12,089 | 12,489 | 13,495 | 14,008 | 14,091 | 14,916 | 14,858 | 15,231 | 16,063 | 17,014 | 19,199 | 21,622 | 24,450 | 27,377 | 30,946 | 31,065 | 30,833 | 29,711 | 29,644 | 28,656 | |
| NIH * | 6,834 | 6,976 | 7,474 | 7,848 | 7,716 | 7,281 | 7,056 | 7,411 | 8,151 | 8,992 | 9,033 | 10,415 | 10,910 | 11,462 | 11,866 | 12,664 | 13,244 | 13,309 | 13,796 | 13,884 | 14,461 | 15,199 | 16,114 | 18,193 | 20,495 | 23,011 | 25,893 | 29,496 | 29,678 | 29,463 | 28,450 | 28,399 | 27,402 | |
| NSF | 2,020 | 2,034 | 2,077 | 2,041 | 2,042 | 1,952 | 1,859 | 1,936 | 2,201 | 2,424 | 2,337 | 2,484 | 2,503 | 2,674 | 2,530 | 2,671 | 2,713 | 2,709 | 2,954 | 3,091 | 3,027 | 3,016 | 3,074 | 3,239 | 3,486 | 3,858 | 4,019 | 4,387 | 4,491 | 4,336 | 4,289 | 4,482 | 4,741 | |
| USDA | 1,564 | 1,525 | 1,666 | 1,744 | 1,601 | 1,667 | 1,585 | 1,618 | 1,722 | 1,711 | 1,602 | 1,776 | 1,762 | 1,729 | 1,790 | 1,962 | 2,091 | 1,974 | 2,013 | 1,918 | 1,883 | 1,936 | 1,919 | 1,996 | 2,112 | 2,534 | 2,408 | 2,617 | 2,421 | 2,556 | 2,500 | 2,256 | 1,963 | |
| Interior | 981 | 919 | 955 | 999 | 918 | 840 | 735 | 709 | 641 | 664 | 640 | 664 | 671 | 728 | 777 | 875 | 885 | 873 | 932 | 862 | 723 | 736 | 658 | 605 | 735 | 722 | 710 | 719 | 683 | 657 | 656 | 640 | 606 | |
| DOT | 972 | 930 | 982 | 853 | 889 | 830 | 596 | 679 | 862 | 750 | 632 | 502 | 496 | 495 | 518 | 580 | 855 | 836 | 844 | 859 | 761 | 761 | 725 | 737 | 722 | 835 | 887 | 782 | 724 | 747 | 838 | 794 | 794 | |
| EPA | 824 | 820 | 998 | 935 | 766 | 765 | 544 | 425 | 439 | 522 | 540 | 561 | 590 | 603 | 621 | 647 | 678 | 668 | 775 | 715 | 611 | 740 | 783 | 811 | 663 | 666 | 675 | 634 | 721 | 677 | 637 | 557 | 527 | |
| DOC | 698 | 711 | 740 | 809 | 802 | 704 | 588 | 594 | 640 | 669 | 659 | 679 | 646 | 648 | 662 | 757 | 803 | 1,067 | 1,346 | 1,442 | 1,256 | 1,199 | 1,341 | 1,315 | 1,396 | 1,197 | 1,398 | 1,338 | 1,220 | 1,185 | 1,113 | 1,117 | 1,061 | |
| DHS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 823 | 1,120 | 1,311 | 1,333 | 1,005 | 973 | | |
| VA | 344 | 317 | 303 | 300 | 305 | 324 | 265 | 294 | 347 | 365 | 309 | 363 | 311 | 331 | 319 | 316 | 343 | 340 | 364 | 339 | 333 | 732 | 722 | 781 | 767 | 835 | 862 | 913 | 943 | 784 | 789 | 818 | 803 | |
| Other | 1,015 | 1,087 | 1,050 | 1,971 | 2,094 | 1,634 | 1,380 | 1,237 | 1,202 | 947 | 1,124 | 1,245 | 1,190 | 1,243 | 1,482 | 1,373 | 1,685 | 1,420 | 1,394 | 1,361 | 1,134 | 1,099 | 1,140 | 1,162 | 1,033 | 1,122 | 1,169 | 1,189 | 1,114 | 1,096 | 1,116 | 1,078 | 1,073 | |
| Total R&D | 66,602 | 70,995 | 73,081 | 74,175 | 74,004 | 76,139 | 73,956 | 73,212 | 81,127 | 88,356 | 91,165 | 95,392 | 96,247 | 97,583 | 97,252 | 96,979 | 98,995 | 98,129 | 93,621 | 91,529 | 90,131 | 91,978 | 93,344 | 97,266 | 99,618 | 106,343 | 117,529 | 131,982 | 137,591 | 138,789 | 139,536 | 141,159 | 139,637 | |
| R&D: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Defense | 33,414 | 35,055 | 34,896 | 34,833 | 34,556 | 38,801 | 43,716 | 46,896 | 53,778 | 59,288 | 62,830 | 64,792 | 64,612 | 63,117 | 59,977 | 56,956 | 56,737 | 56,666 | 50,449 | 48,808 | 48,688 | 49,821 | 49,868 | 51,059 | 51,327 | 53,676 | 61,251 | 71,184 | 76,619 | 78,894 | 80,733 | 82,226 | 81,006 | |
| Nondef. | 33,188 | 35,940 | 38,185 | 39,342 | 39,447 | 37,338 | 30,240 | 26,317 | 27,349 | 29,068 | 28,335 | 30,599 | 31,635 | 34,466 | 37,275 | 40,023 | 42,258 | 41,463 | 43,172 | 42,721 | 41,476 | 42,157 | 43,398 | 46,207 | 48,291 | 52,666 | 56,278 | 60,798 | 60,972 | 59,895 | 58,803 | 58,933 | 58,631 | |
| Basic^ | 7,456 | 8,125 | 10,481 | 10,942 | 11,440 | 10,417 | 10,386 | 11,415 | 12,457 | 13,314 | 13,621 | 14,662 | 14,991 | 16,118 | 16,508 | 17,502 | 17,810 | 18,090 | 18,037 | 17,767 | 18,281 | 18,613 | 19,080 | 21,150 | 23,154 | 24,834 | 27,186 | 28,295 | 28,895 | 29,255 | 28,082 | 28,362 | 27,623 | |

Source: AAAS Reports I through XXXII, based on OMB and agency R&D budget data.

Includes conduct of R&D and R&D facilities.

Constant dollar conversions based on OMB's GDP deflators from the FY 2008 budget.

* Between FY 1991 and 1992, R&D from ADAMHA (HHS) transferred to NIH. ADAMHA R&D included in NIH totals for all years.

** - Latest AAAS estimates of FY 2007 appropriations.

*** - Estimates of President's request.

^ - Basic Research