

TABLE 128. Federal obligations for research, by performer: FYs 1967–2013
(Dollars in millions)

| Fiscal year | Extramural | | | | | | | | | |
|-------------|------------------------------------|-------------------------|----------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|---------|
| | United States and U.S. territories | | | | | | | | | |
| | Total | Intramural ^a | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | Foreign |
| 1967 | 4,631.4 | 1,461.3 | 1,038.5 | 69.1 | 1,312.1 | 355.0 | 248.7 | 47.6 | 53.2 | 45.7 |
| 1968 | 4,781.1 | 1,541.4 | 1,093.6 | 64.4 | 1,301.8 | 378.9 | 234.1 | 40.5 | 81.9 | 44.5 |
| 1969 | 4,644.9 | 1,645.3 | 886.4 | 69.9 | 1,321.8 | 335.5 | 221.7 | 47.6 | 75.1 | 41.7 |
| 1970 | 4,900.8 | 1,903.9 | 876.5 | 72.5 | 1,276.4 | 382.6 | 230.5 | 45.1 | 83.4 | 29.9 |
| 1971 | 5,123.2 | 1,887.9 | 889.0 | 75.7 | 1,430.2 | 358.9 | 282.0 | 52.0 | 95.8 | 51.6 |
| 1972 | 5,547.7 | 1,984.4 | 906.6 | 75.3 | 1,642.8 | 398.4 | 342.0 | 59.9 | 93.8 | 44.5 |
| 1973 | 5,581.4 | 2,088.5 | 887.3 | 68.7 | 1,691.1 | 355.2 | 316.2 | 50.2 | 84.3 | 40.0 |
| 1974 | 6,175.2 | 2,270.2 | 874.6 | 98.2 | 1,958.3 | 374.0 | 414.2 | 50.8 | 91.0 | 44.0 |
| 1975 | 6,729.7 | 2,463.8 | 1,010.2 | 135.7 | 2,078.8 | 425.5 | 394.7 | 64.8 | 111.9 | 44.3 |
| 1976 | 7,619.3 | 2,879.2 | 1,103.0 | 176.5 | 2,249.7 | 548.3 | 435.4 | 57.5 | 119.4 | 50.4 |
| 1977 | 8,514.1 | 2,957.7 | 1,367.3 | 192.2 | 2,583.5 | 670.3 | 512.2 | 55.6 | 115.2 | 60.3 |
| 1978 | 9,606.8 | 3,220.8 | 1,651.4 | 235.2 | 2,928.0 | 714.9 | 590.9 | 66.9 | 128.8 | 69.9 |
| 1979 | 10,535.0 | 3,481.2 | 1,762.0 | 245.0 | 3,333.4 | 800.6 | 622.6 | 73.4 | 139.5 | 77.4 |
| 1980 | 11,597.4 | 3,666.3 | 2,077.6 | 311.0 | 3,699.1 | 851.2 | 678.4 | 71.7 | 150.9 | 91.1 |
| 1981 | 12,212.8 | 4,034.2 | 1,958.3 | 351.3 | 3,920.1 | 940.6 | 705.2 | 67.7 | 129.3 | 106.0 |
| 1982 | 13,022.2 | 4,194.2 | 2,156.6 | 487.3 | 4,045.4 | 1,056.7 | 743.5 | 104.2 | 125.9 | 108.3 |
| 1983 | 14,253.5 | 4,710.3 | 2,114.2 | 522.6 | 4,467.9 | 1,250.1 | 836.9 | 85.2 | 136.7 | 129.6 |
| 1984 | 14,978.8 | 4,764.7 | 2,137.4 | 496.5 | 5,029.7 | 1,335.9 | 922.6 | 87.3 | 88.2 | 116.5 |
| 1985 | 16,133.4 | 5,056.1 | 2,074.4 | 485.9 | 5,726.3 | 1,421.3 | 1,045.1 | 97.0 | 89.5 | 137.9 |
| 1986 | 16,502.2 | 5,160.3 | 2,280.5 | 482.1 | 5,883.4 | 1,291.7 | 1,062.9 | 87.9 | 91.0 | 162.4 |
| 1987 | 17,940.5 | 5,437.7 | 2,448.6 | 433.5 | 6,640.2 | 1,471.0 | 1,207.5 | 89.8 | 90.2 | 121.9 |
| 1988 | 18,650.1 | 5,338.4 | 2,642.5 | 455.2 | 7,022.9 | 1,564.8 | 1,300.0 | 82.9 | 103.1 | 140.4 |
| 1989 | 20,765.5 | 5,897.0 | 2,875.0 | 604.3 | 7,793.1 | 1,703.4 | 1,519.8 | 109.5 | 121.2 | 142.1 |
| 1990 | 21,622.4 | 5,809.8 | 3,191.6 | 614.3 | 8,136.5 | 1,791.5 | 1,660.0 | 137.6 | 126.4 | 154.5 |
| 1991 | 23,968.4 | 6,454.4 | 3,406.5 | 709.6 | 8,867.5 | 2,160.9 | 1,925.9 | 170.9 | 129.3 | 143.4 |
| 1992 | 24,490.6 | 6,523.3 | 3,451.2 | 684.9 | 9,060.7 | 2,351.8 | 2,049.6 | 139.9 | 109.3 | 120.0 |
| 1993 | 26,890.5 | 7,451.8 | 3,923.8 | 799.3 | 9,892.3 | 2,299.4 | 2,041.3 | 173.4 | 211.8 | 97.4 |
| 1994 | 27,411.2 | 7,481.1 | 4,063.9 | 737.2 | 10,291.7 | 2,181.1 | 2,102.1 | 178.4 | 230.8 | 144.8 |
| 1995 | 28,434.4 | 7,684.5 | 4,698.7 | 811.6 | 10,353.8 | 2,233.6 | 2,078.7 | 207.2 | 221.4 | 144.8 |
| 1996 | 28,259.8 | 7,513.2 | 4,269.1 | 696.2 | 10,706.6 | 2,385.0 | 2,178.9 | 195.5 | 187.4 | 127.8 |
| 1997 | 29,365.3 | 7,666.9 | 4,392.1 | 759.6 | 11,173.2 | 2,598.9 | 2,294.9 | 217.5 | 144.0 | 118.2 |
| 1998 | 30,922.3 | 7,969.1 | 4,632.7 | 844.1 | 11,739.0 | 2,743.0 | 2,425.2 | 214.5 | 240.1 | 114.5 |
| 1999 | 33,527.5 | 8,685.8 | 4,579.8 | 879.3 | 13,203.8 | 2,554.1 | 2,806.7 | 469.5 | 232.4 | 116.1 |
| 2000 | 38,470.6 | 9,449.6 | 4,800.7 | 700.3 | 16,021.8 | 2,773.2 | 3,714.5 | 696.1 | 162.5 | 152.0 |
| 2001 | 44,713.7 | 11,130.9 | 5,262.3 | 822.3 | 18,657.1 | 3,096.3 | 4,577.9 | 739.4 | 308.7 | 118.9 |
| 2002 | 48,006.7 | 11,857.4 | 5,786.8 | 937.3 | 20,285.4 | 3,219.4 | 4,723.0 | 749.6 | 275.5 | 172.3 |
| 2003 | 51,071.8 | 12,419.6 | 6,042.4 | 1,103.5 | 21,676.5 | 3,272.6 | 5,196.3 | 779.0 | 305.8 | 276.1 |
| 2004 | 53,357.8 | 12,085.2 | 6,782.7 | 1,131.6 | 22,699.1 | 3,687.3 | 5,216.4 | 795.5 | 532.9 | 427.0 |
| 2005 | 53,738.2 | 12,349.9 | 6,456.4 | 1,082.0 | 23,156.0 | 3,743.4 | 5,295.8 | 907.8 | 376.8 | 370.2 |
| 2006 | 53,535.7 | 12,261.6 | 6,436.3 | 947.9 | 22,809.4 | 3,783.0 | 5,448.9 | 1,028.6 | 417.9 | 402.1 |
| 2007 | 54,093.6 | 11,816.4 | 6,074.2 | 1,863.0 | 23,966.9 | 2,942.4 | 5,416.7 | 1,283.0 | 297.6 | 433.3 |
| 2008 | 53,893.7 | 11,921.7 | 5,782.4 | 2,929.7 | 24,323.2 | 1,623.1 | 5,397.5 | 1,205.7 | 338.8 | 371.5 |
| 2009 | 63,691.9 | 13,318.7 | 6,280.2 | 3,070.5 | 30,168.9 | 2,148.1 | 6,500.7 | 1,462.0 | 343.6 | 399.3 |
| 2010 | 63,728.0 | 13,280.9 | 6,625.5 | 2,960.1 | 29,607.8 | 2,151.6 | 6,687.0 | 1,633.6 | 352.8 | 428.6 |

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|--------------------|----------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|---------|
| | | | United States and U.S. territories | | | | | | | |
| | | | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | |
| 2011 | 58,023.7 | 12,663.4 | 6,037.4 | 2,984.4 | 26,253.2 | 2,224.4 | 5,760.8 | 1,447.7 | 282.2 | 370.2 |
| 2012 (preliminary) | 58,049.8 | 13,049.3 | 5,839.0 | 2,917.6 | 26,228.0 | 2,208.6 | 5,743.7 | 1,394.4 | 288.3 | 380.9 |
| 2013 (preliminary) | 59,969.2 | 13,533.0 | 6,365.2 | 3,190.9 | 26,612.7 | 2,266.2 | 5,767.4 | 1,551.5 | 295.8 | 386.4 |

FFRDC = federally funded research and development center.

^a Intramural activities cover costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.

NOTES: Because of rounding, detail may not add to total. In FY 2000, the National Aeronautics and Space Administration (NASA) reclassified the Space Station as a physical asset, reclassified Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant; the National Institutes of Health reclassified all its development activities as research. In FY 2003, the Substance Abuse and Mental Health Services Administration reclassified as non-R&D some of its funding categories that had been considered R&D in prior years. Between FY 2006 and FY 2007, NASA's R&D obligations decreased for two reasons: (1) in FY 2007, NASA excluded projects that were operational in nature that were not excluded in FY 2006, which accounts for \$850 million of the decrease; and (2) there was an overall decrease in obligations between FY 2006 and FY 2007, which accounts for the remainder of the decrease. In FY 2010, NASA resumed reporting International Space Station obligations as R&D plant. In FY 2010, the Environmental Protection Agency (EPA) was unable to report R&D by performer or by location. Percentage distributions calculated from EPA's data submission for FYs 2009–11 were used to estimate its FY 2010 R&D by performer and its location.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.