

TABLE 130. Federal obligations for applied research, by performer: FYs 1967–2015
(Dollars in millions)

Fiscal year	Extramural									
	Total	Intramural ^a	United States and U.S. territories							Foreign
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
1967	2,785.5	1,026.4	857.7	38.8	455.0	151.3	143.9	39.7	49.0	23.9
1968	2,940.5	1,109.8	898.5	34.3	466.7	153.7	140.7	37.5	70.2	29.1
1969	2,700.1	1,113.4	701.7	40.0	457.4	116.2	136.2	44.2	61.8	29.0
1970	2,974.9	1,345.5	691.5	42.8	468.4	145.6	150.3	41.6	69.5	19.8
1971	3,143.0	1,322.5	722.4	46.4	550.8	131.2	196.9	49.8	79.2	43.7
1972	3,360.8	1,387.5	755.2	43.1	621.4	144.0	245.5	52.6	78.2	33.3
1973	3,349.4	1,480.4	711.2	29.3	642.9	126.2	217.7	46.8	68.1	26.9
1974	3,787.6	1,574.3	750.7	66.7	813.5	150.9	287.1	44.6	74.2	25.7
1975	4,141.3	1,730.3	891.7	87.8	818.2	168.0	266.4	51.0	97.9	30.0
1976	4,851.9	2,093.1	971.9	116.7	908.0	263.4	308.9	49.6	106.5	33.8
1977	5,255.5	2,043.6	1,159.1	139.1	1,028.4	346.2	349.6	49.9	99.6	39.9
1978	5,908.2	2,191.5	1,403.7	169.8	1,168.8	358.1	398.1	61.2	111.8	45.3
1979	6,342.3	2,392.1	1,484.9	178.3	1,253.5	407.0	382.3	66.7	119.7	57.9
1980	6,923.2	2,483.8	1,752.3	240.7	1,378.8	414.3	398.9	64.2	127.1	63.0
1981	7,171.5	2,732.4	1,665.4	278.1	1,416.9	450.0	392.1	59.1	102.8	74.8
1982	7,540.6	2,728.7	1,885.7	400.0	1,318.3	540.0	387.9	95.2	101.4	83.4
1983	7,993.4	3,020.4	1,821.3	439.7	1,355.6	646.1	427.3	77.1	104.7	101.1
1984	7,911.4	2,903.6	1,759.5	405.4	1,498.9	667.0	449.0	79.1	60.0	88.8
1985	8,314.7	3,132.7	1,694.3	363.3	1,687.6	697.1	489.3	84.6	58.9	107.0
1986	8,349.1	3,141.5	1,768.8	364.5	1,751.4	567.6	490.8	74.9	60.0	129.7
1987	8,998.1	3,391.5	1,981.6	313.6	1,974.6	564.3	549.8	76.5	52.7	93.4
1988	9,176.5	3,288.1	2,045.6	322.2	2,154.6	575.0	571.3	65.2	60.4	94.1
1989	10,163.5	3,583.5	2,101.8	380.5	2,571.8	605.4	681.0	67.3	77.6	94.6
1990	10,336.8	3,515.2	2,304.2	367.5	2,588.4	564.3	735.9	78.4	76.1	106.9
1991	11,797.6	4,062.8	2,456.6	445.6	2,803.0	854.7	910.4	90.1	80.2	94.3
1992	12,000.7	4,185.7	2,530.9	437.6	2,728.9	957.6	952.5	74.5	66.9	66.2
1993	13,491.4	4,790.0	3,027.5	555.6	3,058.6	896.8	876.4	102.2	140.1	44.1
1994	13,887.7	4,983.3	2,954.4	499.6	3,299.4	845.1	969.2	104.0	155.5	77.2
1995	14,557.4	4,991.0	3,484.5	571.8	3,409.9	794.8	930.4	132.0	142.7	100.3
1996	13,795.7	4,836.5	3,160.3	423.4	3,263.1	864.0	944.3	119.4	107.3	77.4
1997	14,423.4	4,978.6	3,225.5	464.9	3,477.4	998.8	1,005.3	129.2	75.5	68.2
1998	15,309.3	5,050.6	3,513.3	517.7	3,787.3	1,100.7	1,027.7	92.6	155.2	64.1
1999	16,083.9	5,430.6	3,497.0	565.8	4,096.7	988.6	1,156.7	114.6	171.0	62.8
2000	18,900.8	5,827.8	3,444.2	528.9	5,965.1	1,099.2	1,729.2	174.5	86.9	45.1
2001	22,755.6	6,937.2	4,345.2	647.2	6,864.9	1,334.2	2,136.2	198.9	237.1	54.9
2002	24,338.4	7,397.4	4,554.9	697.7	7,617.2	1,414.1	2,191.3	186.2	204.0	75.6
2003	26,320.4	7,757.5	4,762.8	790.7	8,524.7	1,444.8	2,492.5	197.0	220.4	130.0
2004	27,237.1	7,413.6	4,813.3	839.3	9,300.6	1,681.6	2,470.3	188.7	335.0	194.7
2005	26,597.9	7,577.2	4,405.4	811.9	9,166.1	1,722.2	2,381.6	237.1	140.9	155.6
2006	26,951.1	7,498.0	4,577.4	727.5	9,151.8	1,686.2	2,581.5	272.8	265.1	190.9
2007	27,227.8	7,244.2	4,338.0	1,521.6	9,746.6	959.6	2,622.9	393.5	196.3	205.0
2008	26,739.7	7,154.2	4,237.0	2,354.8	9,677.5	138.8	2,462.3	289.9	262.9	162.4
2009	30,812.5	7,788.8	4,648.6	2,392.2	11,939.2	183.8	3,013.3	402.9	249.2	194.5
2010	31,932.6	8,090.1	4,878.6	2,368.5	12,204.7	281.0	3,156.6	494.3	249.6	209.4
2011	28,710.1	7,793.6	4,310.9	2,501.4	10,481.8	214.3	2,694.3	345.8	206.4	161.5
2012	30,988.0	8,715.5	5,638.7	2,244.6	10,560.1	306.3	2,689.7	360.8	271.8	200.3

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2013	29,420.4	8,201.1	5,313.3	2,250.5	9,821.6	351.1	2,445.8	587.0	247.5	202.5
2014 (preliminary)	31,060.5	8,744.0	5,615.1	2,462.3	10,400.3	356.0	2,550.7	497.5	232.6	202.0
2015 (preliminary)	31,139.5	8,555.5	5,422.1	2,744.3	10,402.2	423.6	2,564.7	550.5	274.8	201.9

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 International Space Station (ISS) as a physical asset, reclassified ISS 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 some of its funding categories as non-R&D that were considered R&D in prior years. In FY 2006, NASA reclassified as operational costs funding for Space Operations, the Hubble Space Telescope, the Stratospheric Observatory for Infrared Astronomy, and the James Webb Space Telescope that previously had been reported as R&D plant. 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 ISS obligations as R&D plant. In FY 2012, NASA began reporting ISS obligations as research rather than 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. FYs 2009 and 2010 obligations include additional funding provided by the American Recovery and Reinvestment Act of 2009.

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