

TABLE 1

Federal obligations for science and engineering to universities and colleges, by type of activity: FYs 1963–2019

(Dollars in thousands)

Fiscal year	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
1963	1,328,511.0	829,524.0	105,896.0	NA	NA	NA	393,091.0
1964	1,528,604.0	975,597.0	100,837.0	NA	NA	NA	452,170.0
1965	1,816,171.0	1,094,963.0	126,196.0	NA	NA	NA	595,012.0
1966	2,163,504.0	1,252,146.0	114,767.0	NA	365,560.0	NA	431,031.0
1967	2,323,795.0	1,301,242.0	111,309.0	NA	447,236.0	NA	464,008.0
1968	2,349,817.0	1,398,305.0	96,148.0	NA	440,895.0	NA	414,469.0
1969	2,361,399.0	1,474,681.0	54,516.0	NA	436,270.0	NA	395,932.0
1970	2,187,579.0	1,446,618.0	44,778.0	NA	429,408.0	NA	266,775.0
1971	2,343,129.0	1,551,391.0	29,942.0	28,729.0	421,029.0	99,669.0	212,369.0
1972	2,599,111.0	1,853,085.0	36,917.0	26,341.0	387,888.0	83,288.0	211,592.0
1973	2,464,362.0	1,870,690.0	43,338.0	13,372.0	287,210.0	38,964.0	210,788.0
1974	2,739,042.0	2,087,262.0	29,009.0	3,506.0	326,600.0	86,974.0	205,691.0
1975	2,808,986.0	2,249,291.0	44,787.0	5,026.0	201,273.0	46,353.0	262,256.0
1976	2,962,851.0	2,434,165.0	23,899.0	3,210.0	174,871.0	74,483.0	252,223.0
1977	3,358,153.0	2,808,422.0	37,882.0	3,282.0	184,671.0	75,928.0	247,968.0
1978	3,968,600.0	3,394,538.0	34,328.0	4,906.0	205,925.0	74,398.0	254,505.0
1979	4,481,184.0	3,882,039.0	32,068.0	6,743.0	204,866.0	92,483.0	262,985.0
1980	4,800,924.0	4,170,495.0	37,780.0	3,776.0	210,121.0	91,541.0	287,211.0
1981	5,078,360.0	4,426,435.0	27,694.0	4,563.0	205,448.0	92,721.0	321,499.0
1982	5,194,137.0	4,569,002.0	31,200.0	829.0	176,582.0	80,137.0	336,387.0
1983	5,705,467.0	5,049,166.0	37,547.0	2,522.0	189,616.0	94,847.0	331,769.0
1984	6,358,789.0	5,499,204.0	50,170.0	1,889.0	194,881.0	112,588.0	500,057.0
1985	7,316,911.0	6,305,230.0	113,932.0	4,947.0	253,082.0	119,171.0	520,549.0
1986	7,491,589.0	6,517,346.0	105,941.0	4,990.0	246,196.0	111,130.0	505,986.0
1987	8,634,682.0	7,308,399.0	229,875.0	13,722.0	290,942.0	236,933.0	554,811.0
1988	9,218,982.0	7,801,867.0	202,982.0	13,345.0	309,348.0	171,826.0	719,614.0
1989	10,200,576.0	8,639,219.0	246,302.0	16,911.0	340,458.0	197,745.0	759,941.0
1990	10,725,156.0	9,158,339.0	254,324.0	19,241.0	393,820.0	143,917.0	755,515.0
1991	12,254,042.0	10,297,962.0	303,770.0	32,792.0	469,297.0	192,823.0	957,398.0
1992	13,415,788.0	11,128,671.0	585,003.0	38,983.0	511,125.0	160,166.0	991,840.0
1993	13,451,600.0	11,252,550.0	648,778.0	33,247.0	526,331.0	66,827.0	923,867.0
1994	14,006,880.0	12,028,638.0	225,759.0	48,734.0	633,228.0	136,555.0	933,966.0
1995	14,598,566.0	12,318,375.0	341,343.0	51,581.0	674,464.0	263,992.0	948,811.0
1996	14,586,925.0	12,482,588.0	248,349.0	49,023.0	636,293.0	219,008.0	951,664.0
1997	15,263,232.0	13,186,144.0	276,487.0	29,889.0	676,610.0	170,843.0	923,259.0
1998	16,270,745.0	14,050,057.0	160,257.0	22,771.0	757,312.0	237,908.0	1,042,440.0
1999	18,133,544.0	15,658,248.0	159,925.0	46,992.0	843,736.0	314,652.0	1,109,991.0
2000	19,953,605.0	17,386,641.0	219,160.0	59,702.0	782,841.0	314,184.0	1,191,077.0
2001	22,584,739.0	19,514,897.0	367,412.0	67,426.0	842,530.0	331,904.0	1,460,570.0
2002	24,570,637.0	21,346,614.0	249,214.0	109,693.0	936,862.0	431,861.0	1,496,393.0
2003	26,727,094.0	22,891,044.0	706,815.0	86,112.0	949,944.0	428,796.0	1,664,383.0
2004	27,411,857.0	23,833,185.0	435,066.0	82,800.0	1,046,837.0	421,318.0	1,592,651.0
2005	28,169,708.0	24,700,077.0	510,966.0	39,987.0	1,044,057.0	388,914.0	1,485,707.0
2006	28,423,012.0	25,013,211.0	397,525.0	16,460.0	1,035,538.0	323,060.0	1,637,218.0
2007	28,413,274.0	25,125,009.0	337,924.0	13,262.0	1,100,954.0	221,735.0	1,614,390.0
2008	28,586,496.0	25,610,660.0	277,329.0	3,694.0	917,189.0	303,828.0	1,473,796.0
2009 ^a	35,873,573.6	32,081,117.6	805,726.3	4,557.6	968,320.5	244,759.6	1,769,092.1
2010 ^a	35,944,436.4	31,000,502.9	1,830,927.3	5,737.1	1,136,617.6	361,264.2	1,609,387.4
2011	31,761,813.9	28,203,273.4	330,435.7	3,833.9	1,015,543.3	208,116.2	2,000,611.5

TABLE 1

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(Dollars in thousands)

Fiscal year	All federal obligations	R&D	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
2012	31,216,406.9	27,699,527.0	436,973.3	3,866.4	914,472.3	142,468.5	2,019,099.4
2013	29,406,914.3	26,156,379.1	272,852.0	4,124.6	893,609.1	132,001.3	1,947,948.2
2014	31,158,783.3	27,652,453.0	400,148.4	11,102.5	1,340,920.0	138,160.6	1,615,998.9
2015	30,562,878.0	27,105,722.9	370,921.9	4,372.7	1,346,730.9	137,994.2	1,597,135.3
2016	31,648,932.4	28,532,827.3	370,144.2	3,955.3	1,374,348.1	128,385.3	1,239,272.4
2017	32,439,650.5	29,805,219.8	431,665.3	3,130.7	1,371,419.0	96,437.7	731,777.9
2018	35,303,817.9	32,312,580.9	506,178.1	6,000.0	1,514,585.4	120,572.9	843,900.5
2019	38,084,768.1	35,125,460.1	593,658.8	6,103.3	1,802,625.2	96,092.7	460,827.9

NA = not available; included under Other S&E activities.

S&E = science and engineering.

^a Includes American Recovery and Reinvestment Act of 2009 obligations.**Note(s):**

Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions.