

TABLE 6

Federal obligations for science and engineering research and development to universities and colleges, by state and outlying area: FYs 2011–19

(Dollars in thousands)

State and outlying area	2011	2012	2013	2014	2015	2016	2017	2018	2019
All states and outlying areas	28,203,273.4	27,699,527.0	26,156,379.1	27,652,453.0	27,105,722.9	28,532,827.3	29,805,219.8	32,312,580.9	35,125,460.1
Alabama	348,384.9	347,312.4	321,500.6	342,730.7	366,299.6	354,347.0	362,466.2	442,266.0	491,035.2
Alaska	76,613.2	54,729.1	60,997.7	66,026.3	68,093.2	70,452.8	80,760.8	78,244.3	103,531.5
Arizona	386,576.3	441,857.9	369,922.5	338,536.0	330,838.6	341,024.0	370,208.5	395,622.8	441,188.2
Arkansas	85,157.3	67,191.0	59,098.8	55,414.2	53,583.4	105,763.1	66,975.3	80,354.3	93,614.8
California	3,930,189.1	3,928,742.2	3,751,424.7	3,913,638.7	3,844,293.7	3,980,511.2	4,100,916.6	4,419,363.8	4,630,852.1
Colorado	591,595.9	571,955.3	577,821.7	560,697.6	602,424.5	630,337.7	648,782.3	756,505.2	748,312.4
Connecticut	538,354.0	514,764.4	484,829.6	505,356.6	480,767.4	539,370.4	546,741.8	595,892.7	661,563.6
Delaware	89,496.1	76,631.1	80,240.5	91,523.8	74,640.6	101,648.5	123,060.9	112,677.5	121,590.0
District of Columbia	358,976.8	455,371.7	451,730.9	445,537.9	416,509.9	466,534.7	410,861.6	518,703.5	399,414.7
Florida	662,293.9	646,622.2	596,883.2	625,298.1	714,134.5	691,837.9	780,180.3	804,749.9	934,427.7
Georgia	743,640.4	746,706.3	774,289.2	760,899.0	848,903.1	703,447.4	1,030,375.3	1,124,665.6	1,313,038.2
Hawaii	162,958.4	169,025.4	153,614.6	160,302.6	133,730.5	144,285.3	133,212.8	145,466.5	149,419.2
Idaho	39,836.0	37,240.1	39,771.4	34,036.8	45,478.7	44,874.5	46,921.1	53,976.8	60,218.9
Illinois	1,137,042.5	1,051,669.0	1,032,232.4	1,071,739.1	1,050,020.7	1,107,639.2	1,086,484.5	1,177,731.9	1,317,966.0
Indiana	417,007.1	393,267.9	365,056.9	413,504.8	408,595.3	421,104.1	450,000.4	470,535.1	572,186.3
Iowa	308,226.8	281,146.1	260,778.9	259,395.7	252,864.7	251,202.8	260,110.5	273,514.7	279,598.0
Kansas	172,522.2	166,619.1	140,099.6	148,988.9	157,138.4	160,000.9	187,334.2	198,638.5	233,121.8
Kentucky	199,685.2	177,427.9	167,888.0	187,711.5	201,021.6	201,384.4	214,257.4	248,158.4	266,501.9
Louisiana	216,386.7	205,955.2	181,737.1	164,842.1	155,601.6	179,702.7	179,662.2	195,155.5	228,775.3
Maine	30,071.2	34,023.2	37,737.5	28,407.1	29,327.2	30,222.8	28,269.5	43,469.3	58,335.1
Maryland	1,823,245.1	1,824,515.0	1,674,842.3	1,819,872.4	1,735,240.0	2,221,495.7	2,099,002.9	2,207,701.7	2,340,951.9
Massachusetts	1,595,750.2	1,641,381.1	1,473,581.3	1,569,070.2	1,511,296.1	1,586,864.1	1,611,439.8	1,736,283.4	1,828,291.8
Michigan	970,098.0	916,303.0	855,361.3	1,126,468.9	883,574.6	911,277.6	959,249.1	1,025,402.8	1,089,036.7
Minnesota	493,289.2	394,236.0	379,572.8	384,110.0	366,676.7	361,241.7	362,867.7	403,328.4	432,917.7
Mississippi	116,935.5	97,962.2	105,162.7	101,661.8	117,796.0	141,268.6	150,808.0	177,902.3	203,370.0
Missouri	537,910.5	525,196.2	469,113.2	521,065.9	533,963.6	540,566.2	592,123.0	632,660.0	707,863.9
Montana	91,587.9	67,143.9	71,636.0	69,578.5	97,985.2	88,197.8	82,326.6	91,331.4	89,930.7
Nebraska	120,518.4	127,382.9	114,391.2	124,430.6	130,987.9	151,284.1	160,392.1	180,255.6	190,495.3
Nevada	49,796.0	48,576.4	53,147.7	61,143.0	56,554.1	63,156.9	57,360.2	63,934.6	81,351.4
New Hampshire	136,437.6	146,842.8	150,195.4	152,032.7	137,937.2	155,530.3	154,241.8	143,701.9	161,112.3
New Jersey	441,427.8	419,472.0	368,901.0	424,048.9	379,759.9	434,342.3	397,409.2	442,325.8	479,649.1
New Mexico	160,381.4	169,926.9	177,286.2	190,285.4	172,732.4	153,961.0	163,171.5	150,258.7	148,433.2
New York	2,210,413.2	2,207,920.2	2,144,773.7	2,267,020.9	2,205,034.4	2,288,543.5	2,549,883.4	2,726,205.0	2,978,234.1
North Carolina	1,155,671.3	1,153,192.4	1,121,613.4	1,171,335.0	1,184,997.8	1,214,465.5	1,219,224.9	1,376,536.9	1,533,633.6
North Dakota	76,929.3	54,024.4	52,918.4	55,057.2	60,002.4	70,548.8	44,033.5	50,624.9	38,722.4
Ohio	758,719.9	739,619.5	719,358.3	694,017.6	724,939.3	760,887.0	773,718.2	840,954.5	908,860.4
Oklahoma	121,729.9	105,320.7	105,777.6	114,548.7	111,316.5	103,620.5	131,088.8	159,981.8	187,807.4
Oregon	369,775.2	351,873.1	342,118.4	373,971.3	361,407.7	350,099.5	377,541.3	402,111.5	464,005.7
Pennsylvania	1,781,421.0	1,704,400.1	1,620,194.2	1,740,940.6	1,635,822.3	1,705,795.8	1,951,088.4	2,076,520.8	2,282,065.1
Rhode Island	129,825.8	132,102.8	126,057.9	132,567.5	135,006.2	141,998.6	162,532.0	174,035.8	204,531.1
South Carolina	203,198.0	192,833.5	168,316.3	199,492.5	200,698.6	232,300.9	242,582.6	247,666.8	254,014.6
South Dakota	40,117.0	33,484.7	24,837.7	38,113.8	42,011.5	30,370.9	34,781.2	34,169.7	33,027.0
Tennessee	561,309.9	565,751.2	516,933.2	524,722.1	511,899.1	566,792.2	541,610.1	597,853.7	597,471.9
Texas	1,472,393.4	1,463,155.1	1,298,056.1	1,362,718.3	1,399,781.9	1,503,551.6	1,603,065.9	1,720,646.7	1,955,672.7
Utah	284,238.8	287,913.8	271,080.2	294,820.8	272,679.7	293,519.0	306,056.9	370,100.5	524,417.8

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(Dollars in thousands)

State and outlying area	2011	2012	2013	2014	2015	2016	2017	2018	2019
Vermont	79,153.3	60,493.4	72,404.3	77,022.6	64,612.3	60,270.1	65,152.1	74,422.8	81,051.0
Virginia	491,215.7	437,151.9	441,950.1	467,180.3	458,850.8	486,250.4	480,049.9	536,198.8	588,940.2
Washington	725,199.3	745,044.4	676,362.5	740,867.2	702,161.2	680,988.5	704,147.8	777,223.4	827,974.4
West Virginia	49,908.6	61,520.6	37,008.4	45,065.1	46,336.9	48,379.2	44,533.3	52,016.8	60,649.8
Wisconsin	549,661.6	555,531.2	517,410.2	533,143.0	523,892.1	546,487.8	575,810.9	596,413.6	631,565.7
Wyoming	26,104.0	26,623.4	27,583.0	27,786.4	30,815.7	29,398.1	27,494.6	34,185.5	33,467.5
American Samoa	965.0	948.6	875.0	1,064.0	1,159.6	1,255.8	1,350.5	1,451.6	1,134.2
Guam	3,930.0	3,248.0	2,416.7	1,750.6	3,939.4	5,614.7	5,695.2	3,356.1	4,043.8
Puerto Rico	70,390.1	63,361.5	62,045.6	61,698.1	59,201.4	67,159.3	57,862.1	61,708.7	70,978.5
Trust Territory of the Pacific Islands	1,818.0	1,815.3	1,662.5	2,047.9	2,238.3	2,430.6	2,619.2	0.0	2,345.8
Virgin Islands	6,793.8	5,001.6	3,778.8	7,145.9	8,147.2	7,221.5	5,323.3	7,416.5	2,750.2

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.