

TABLE 6

Federal obligations for science and engineering research and development to universities and colleges, by state and outlying area: FYs 2012–20

(Dollars in thousands)

State and outlying area	2012	2013	2014	2015	2016	2017	2018	2019	2020
All states and outlying areas	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	35,125,136.1	36,569,461.0
Alabama	347,312.4	321,500.6	342,730.7	366,299.6	354,347.0	362,466.2	442,266.0	491,035.2	494,908.4
Alaska	54,729.1	60,997.7	66,026.3	68,093.2	70,452.8	80,760.8	78,244.3	103,531.5	106,887.7
Arizona	441,857.9	369,922.5	338,536.0	330,838.6	341,024.0	370,208.5	395,622.8	441,188.2	450,661.8
Arkansas	67,191.0	59,098.8	55,414.2	53,583.4	105,763.1	66,975.3	80,354.3	93,614.8	98,093.7
California	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	4,787,584.8
Colorado	571,955.3	577,821.7	560,697.6	602,424.5	630,337.7	648,782.3	756,505.2	748,312.4	801,632.5
Connecticut	514,764.4	484,829.6	505,356.6	480,767.4	539,370.4	546,741.8	595,892.7	661,563.6	698,793.1
Delaware	76,631.1	80,240.5	91,523.8	74,640.6	101,648.5	123,060.9	112,677.5	121,590.0	123,611.4
District of Columbia	455,371.7	451,730.9	445,537.9	416,509.9	466,534.7	410,861.6	518,703.5	399,414.7	430,891.1
Florida	646,622.2	596,883.2	625,298.1	714,134.5	691,837.9	780,180.3	804,749.9	934,427.7	889,274.0
Georgia	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	1,496,954.6
Hawaii	169,025.4	153,614.6	160,302.6	133,730.5	144,285.3	133,212.8	145,466.5	149,419.2	138,801.3
Idaho	37,240.1	39,771.4	34,036.8	45,478.7	44,874.5	46,921.1	53,976.8	60,218.9	62,687.9
Illinois	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	1,377,653.5
Indiana	393,267.9	365,056.9	413,504.8	408,595.3	421,104.1	450,000.4	470,535.1	572,760.3	594,790.5
Iowa	281,146.1	260,778.9	259,395.7	252,864.7	251,202.8	260,110.5	273,514.7	279,598.0	330,666.8
Kansas	166,619.1	140,099.6	148,988.9	157,138.4	160,000.9	187,334.2	198,638.5	233,121.8	209,122.5
Kentucky	177,427.9	167,888.0	187,711.5	201,021.6	201,384.4	214,257.4	248,158.4	266,501.9	291,942.4
Louisiana	205,955.2	181,737.1	164,842.1	155,601.6	179,702.7	179,662.2	195,155.5	228,775.3	249,466.0
Maine	34,023.2	37,737.5	28,407.1	29,327.2	30,222.8	28,269.5	43,469.3	58,335.1	49,770.9
Maryland	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	2,457,452.8
Massachusetts	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	1,792,755.8
Michigan	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	1,142,712.4
Minnesota	394,236.0	379,572.8	384,110.0	366,676.7	361,241.7	362,867.7	403,328.4	432,917.7	449,222.5
Mississippi	97,962.2	105,162.7	101,661.8	117,796.0	141,268.6	150,808.0	177,902.3	203,370.0	164,564.1
Missouri	525,196.2	469,113.2	521,065.9	533,963.6	540,566.2	592,123.0	632,660.0	707,863.9	711,623.8
Montana	67,143.9	71,636.0	69,578.5	97,985.2	88,197.8	82,326.6	91,331.4	89,930.7	105,315.9
Nebraska	127,382.9	114,391.2	124,430.6	130,987.9	151,284.1	160,392.1	180,255.6	190,495.3	192,029.7
Nevada	48,576.4	53,147.7	61,143.0	56,554.1	63,156.9	57,360.2	63,934.6	81,351.4	82,258.1
New Hampshire	146,842.8	150,195.4	152,032.7	137,937.2	155,530.3	154,241.8	143,701.9	161,112.3	158,396.8
New Jersey	419,472.0	368,901.0	424,048.9	379,759.9	434,342.3	397,409.2	442,325.8	479,649.1	462,886.4
New Mexico	169,926.9	177,286.2	190,285.4	172,732.4	153,961.0	163,171.5	150,258.7	148,433.2	176,963.1
New York	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	3,142,649.4
North Carolina	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	1,504,813.3
North Dakota	54,024.4	52,918.4	55,057.2	60,002.4	70,548.8	44,033.5	50,624.9	38,722.4	86,291.6
Ohio	739,619.5	719,358.3	694,017.6	724,939.3	760,887.0	773,718.2	840,954.5	908,860.4	911,173.5
Oklahoma	105,320.7	105,777.6	114,548.7	111,316.5	103,620.5	131,088.8	159,981.8	187,807.4	215,532.0
Oregon	351,873.1	342,118.4	373,971.3	361,407.7	350,099.5	377,541.3	402,111.5	463,107.7	522,088.8
Pennsylvania	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	2,212,251.4
Rhode Island	132,102.8	126,057.9	132,567.5	135,006.2	141,998.6	162,532.0	174,035.8	204,531.1	216,144.3
South Carolina	192,833.5	168,316.3	199,492.5	200,698.6	232,300.9	242,582.6	247,666.8	254,014.6	266,734.3
South Dakota	33,484.7	24,837.7	38,113.8	42,011.5	30,370.9	34,781.2	34,169.7	33,027.0	37,483.5
Tennessee	565,751.2	516,933.2	524,722.1	511,899.1	566,792.2	541,610.1	597,853.7	597,471.9	725,048.9
Texas	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	2,307,379.0
Utah	287,913.8	271,080.2	294,820.8	272,679.7	293,519.0	306,056.9	370,100.5	524,417.8	466,983.1

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(Dollars in thousands)

State and outlying area	2012	2013	2014	2015	2016	2017	2018	2019	2020
Vermont	60,493.4	72,404.3	77,022.6	64,612.3	60,270.1	65,152.1	74,422.8	81,051.0	86,599.0
Virginia	437,151.9	441,950.1	467,180.3	458,850.8	486,250.4	480,049.9	536,198.8	588,940.2	563,260.1
Washington	745,044.4	676,362.5	740,867.2	702,161.2	680,988.5	704,147.8	777,223.4	827,974.4	835,323.2
West Virginia	61,520.6	37,008.4	45,065.1	46,336.9	48,379.2	44,533.3	52,016.8	60,649.8	75,681.2
Wisconsin	555,531.2	517,410.2	533,143.0	523,892.1	546,487.8	575,810.9	596,413.6	631,565.7	662,235.6
Wyoming	26,623.4	27,583.0	27,786.4	30,815.7	29,398.1	27,494.6	34,185.5	33,467.5	50,143.8
American Samoa	948.6	875.0	1,064.0	1,159.6	1,255.8	1,350.5	1,451.6	1,134.2	1,197.4
Guam	3,248.0	2,416.7	1,750.6	3,939.4	5,614.7	5,695.2	3,356.1	4,043.8	9,289.8
Puerto Rico	63,361.5	62,045.6	61,698.1	59,201.4	67,159.3	57,862.1	61,708.7	70,978.5	79,455.0
Trust Territory of the Pacific Islands	1,815.3	1,662.5	2,047.9	2,238.3	2,430.6	2,619.2	0.0	2,345.8	2,731.2
Virgin Islands	5,001.6	3,778.8	7,145.9	8,147.2	7,221.5	5,323.3	7,416.5	2,750.2	8,595.8

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.