

TABLE 9

Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2020

(Dollars in thousands and number)

State and outlying area	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
All states and outlying areas							
Obligations (\$thousands)	39,122,152.2	36,569,461.0	400,144.6	19,753.3	1,621,880.0	95,944.0	414,969.3
Institutions (number)	991	941	179	45	683	104	259
Alabama							
Obligations (\$thousands)	531,815.2	494,908.4	1,885.6	399.3	28,816.5	3,821.7	1,983.7
Institutions (number)	18	13	2	2	11	6	7
Alaska							
Obligations (\$thousands)	128,043.0	106,887.7	3,898.2	0.0	6,924.1	0.0	10,333.1
Institutions (number)	5	5	2	0	2	0	2
Arizona							
Obligations (\$thousands)	479,451.3	450,661.8	3,067.9	285.0	18,105.3	1,307.4	6,023.9
Institutions (number)	8	8	2	1	6	2	4
Arkansas							
Obligations (\$thousands)	119,108.1	98,093.7	580.3	210.6	16,162.7	0.0	4,060.8
Institutions (number)	10	10	1	1	7	0	2
California							
Obligations (\$thousands)	5,060,427.6	4,787,584.8	31,420.4	4,132.8	191,503.3	12,617.5	33,168.9
Institutions (number)	85	80	19	6	66	8	23
Colorado							
Obligations (\$thousands)	858,983.5	801,632.5	1,631.9	543.5	45,459.2	1,163.5	8,553.0
Institutions (number)	18	18	2	2	13	1	6
Connecticut							
Obligations (\$thousands)	739,927.3	698,793.1	105.9	0.0	33,714.1	2,900.2	4,414.2
Institutions (number)	15	14	1	0	7	1	3
Delaware							
Obligations (\$thousands)	136,654.3	123,611.4	5,540.5	619.4	3,791.2	580.2	2,511.6
Institutions (number)	3	3	1	1	3	1	2
District of Columbia							
Obligations (\$thousands)	505,319.4	430,891.1	52,543.2	569.9	17,380.0	869.1	3,066.1
Institutions (number)	11	11	3	1	7	1	5
Florida							

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Obligations (\$thousands)	988,763.0	889,274.0	18,679.4	542.2	49,066.1	3,092.3	28,109.0
Institutions (number)	35	31	9	2	26	3	14
Georgia							
Obligations (\$thousands)	1,554,935.6	1,496,954.6	5,447.0	463.2	42,083.4	1,484.7	8,502.7
Institutions (number)	27	26	4	1	23	2	10
Hawaii							
Obligations (\$thousands)	150,597.6	138,801.3	641.9	0.0	9,597.0	422.7	1,134.6
Institutions (number)	5	5	1	0	4	1	3
Idaho							
Obligations (\$thousands)	75,731.7	62,687.9	581.6	0.0	5,422.7	0.0	7,039.5
Institutions (number)	3	3	2	0	3	0	2
Illinois							
Obligations (\$thousands)	1,470,063.6	1,377,653.5	7,804.2	0.0	68,330.9	6,710.2	9,564.8
Institutions (number)	32	31	5	0	23	4	5
Indiana							
Obligations (\$thousands)	629,410.6	594,790.5	1,323.4	154.3	22,481.9	1,949.2	8,711.4
Institutions (number)	17	17	3	1	10	2	4
Iowa							
Obligations (\$thousands)	366,818.1	330,666.8	1,710.5	388.2	20,086.6	0.0	13,966.0
Institutions (number)	12	12	3	1	8	0	3
Kansas							
Obligations (\$thousands)	221,466.8	209,122.5	1,436.7	0.0	7,030.2	714.3	3,163.1
Institutions (number)	7	7	1	0	3	1	2
Kentucky							
Obligations (\$thousands)	320,973.1	291,942.4	8,599.9	0.0	14,298.3	2,298.1	3,834.5
Institutions (number)	14	12	2	0	12	2	3
Louisiana							
Obligations (\$thousands)	271,168.9	249,466.0	2,715.7	0.0	11,906.8	0.0	7,080.3
Institutions (number)	17	16	3	0	10	0	2
Maine							
Obligations (\$thousands)	60,489.1	49,770.9	103.9	1,166.7	4,409.7	172.0	4,866.0

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Institutions (number)	9	8	1	1	5	1	1
Maryland							
Obligations (\$thousands)	2,537,078.8	2,457,452.8	4,510.2	120.0	58,063.3	3,209.7	13,722.8
Institutions (number)	21	20	3	1	17	2	8
Massachusetts							
Obligations (\$thousands)	1,890,380.0	1,792,755.8	10,486.7	2,003.0	69,758.1	3,728.0	11,648.5
Institutions (number)	45	43	10	4	30	5	10
Michigan							
Obligations (\$thousands)	1,264,427.6	1,142,712.4	51,190.4	1,708.9	50,006.4	2,187.3	16,622.2
Institutions (number)	17	15	6	3	12	2	3
Minnesota							
Obligations (\$thousands)	494,618.6	449,222.5	2,352.3	0.0	33,949.6	2,653.9	6,440.4
Institutions (number)	23	22	2	0	16	1	3
Mississippi							
Obligations (\$thousands)	174,523.6	164,564.1	496.9	0.0	6,572.0	0.0	2,890.7
Institutions (number)	8	8	2	0	8	0	4
Missouri							
Obligations (\$thousands)	759,192.9	711,623.8	2,704.4	399.0	38,544.1	1,287.5	4,634.1
Institutions (number)	16	15	2	2	14	3	6
Montana							
Obligations (\$thousands)	120,073.2	105,315.9	2,147.9	0.0	8,312.2	599.3	3,697.9
Institutions (number)	11	10	2	0	10	1	2
Nebraska							
Obligations (\$thousands)	213,409.1	192,029.7	0.0	0.0	11,165.2	2,696.2	7,518.0
Institutions (number)	7	7	0	0	6	2	2
Nevada							
Obligations (\$thousands)	92,760.8	82,258.1	1,083.1	0.0	4,379.0	0.0	5,040.6
Institutions (number)	5	5	1	0	4	0	2
New Hampshire							
Obligations (\$thousands)	164,638.3	158,396.8	0.0	0.0	4,573.5	0.0	1,668.0
Institutions (number)	6	6	0	0	3	0	3

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New Jersey							
Obligations (\$thousands)	502,910.2	462,886.4	4,405.9	450.0	25,093.5	2,779.3	7,295.2
Institutions (number)	21	20	4	1	15	1	4
New Mexico							
Obligations (\$thousands)	205,130.8	176,963.1	6.8	0.0	26,560.1	0.0	1,600.9
Institutions (number)	6	6	1	0	5	0	3
New York							
Obligations (\$thousands)	3,330,002.7	3,142,649.4	49,895.6	1,730.8	108,497.6	9,369.1	17,860.4
Institutions (number)	95	91	13	3	58	13	15
North Carolina							
Obligations (\$thousands)	1,633,195.0	1,504,813.3	18,452.4	0.0	84,347.9	4,484.6	21,096.8
Institutions (number)	26	25	6	0	19	3	8
North Dakota							
Obligations (\$thousands)	99,801.7	86,291.6	948.4	0.0	6,793.1	330.1	5,438.6
Institutions (number)	9	7	1	0	9	2	3
Ohio							
Obligations (\$thousands)	962,786.8	911,173.5	14,003.7	500.0	29,742.4	2,124.9	5,242.3
Institutions (number)	30	29	7	1	20	3	8
Oklahoma							
Obligations (\$thousands)	230,013.8	215,532.0	707.4	116.8	10,393.4	2,019.4	1,244.8
Institutions (number)	8	8	2	1	6	2	4
Oregon							
Obligations (\$thousands)	579,066.0	522,088.8	27,573.0	195.0	20,573.2	849.9	7,786.0
Institutions (number)	15	15	3	1	9	2	3
Pennsylvania							
Obligations (\$thousands)	2,325,359.4	2,212,251.4	7,373.9	816.3	86,930.6	3,688.2	14,299.2
Institutions (number)	43	42	11	2	21	4	7
Rhode Island							
Obligations (\$thousands)	226,333.7	216,144.3	1,276.1	0.0	6,186.4	0.0	2,727.0
Institutions (number)	5	5	1	0	2	0	2
South Carolina							

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Obligations (\$thousands)	296,517.0	266,734.3	1,877.7	201.9	21,740.3	415.5	5,547.2
Institutions (number)	13	12	3	1	8	1	2
South Dakota							
Obligations (\$thousands)	45,103.1	37,483.5	1,547.6	0.0	4,354.5	0.0	1,717.6
Institutions (number)	8	8	3	0	5	0	3
Tennessee							
Obligations (\$thousands)	785,552.9	725,048.9	909.6	35.6	49,358.8	1,389.6	8,810.5
Institutions (number)	25	23	4	1	18	4	6
Texas							
Obligations (\$thousands)	2,432,708.0	2,307,379.0	17,672.6	1,680.2	73,421.1	7,428.6	25,126.4
Institutions (number)	64	62	11	2	47	8	17
Utah							
Obligations (\$thousands)	489,657.2	466,983.1	524.8	0.0	19,314.2	517.2	2,317.9
Institutions (number)	10	10	1	0	6	1	2
Vermont							
Obligations (\$thousands)	99,580.1	86,599.0	6,079.3	0.0	4,522.2	152.8	2,226.8
Institutions (number)	6	5	2	0	2	1	3
Virginia							
Obligations (\$thousands)	619,535.3	563,260.1	5,086.0	0.0	29,711.5	959.1	20,518.6
Institutions (number)	25	24	3	0	15	2	9
Washington							
Obligations (\$thousands)	908,379.7	835,323.2	1,988.5	99.4	57,276.6	343.8	13,348.1
Institutions (number)	19	18	3	1	13	1	3
West Virginia							
Obligations (\$thousands)	91,425.7	75,681.2	1,722.5	221.6	10,095.5	599.7	3,105.2
Institutions (number)	8	7	1	1	6	1	1
Wisconsin							
Obligations (\$thousands)	705,232.9	662,235.6	7,355.2	0.0	31,339.3	1,972.5	2,330.3
Institutions (number)	19	18	3	0	12	2	4
Wyoming							
Obligations (\$thousands)	57,348.7	50,143.8	6,047.9	0.0	326.0	55.0	776.1

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Institutions (number)	2	2	1	0	2	1	1
American Samoa							
Obligations (\$thousands)	1,197.4	1,197.4	0.0	0.0	0.0	0.0	0.0
Institutions (number)	1	1	0	0	0	0	0
Guam							
Obligations (\$thousands)	9,924.3	9,289.8	0.0	0.0	614.0	0.0	20.4
Institutions (number)	1	1	0	0	1	0	1
Puerto Rico							
Obligations (\$thousands)	90,998.8	79,455.0	0.0	0.0	11,120.7	0.0	423.0
Institutions (number)	19	18	0	0	14	0	3
Trust Territory of the Pacific Islands							
Obligations (\$thousands)	2,731.2	2,731.2	0.0	0.0	0.0	0.0	0.0
Institutions (number)	2	2	0	0	0	0	0
Virgin Islands							
Obligations (\$thousands)	10,409.2	8,595.8	0.0	0.0	1,674.0	0.0	139.4
Institutions (number)	1	1	0	0	1	0	1

S&E = science and engineering.

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, FY 2020.