

TABLE 90

Federal obligations for R&D plant for selected agencies, by state or location and performer: FY 2019

(Dollars in thousands)

State or location	Total	Intramural ^a	Extramural						
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments
All locations	4,329,453.9	1,057,823.3	352,113.3	428,268.6	513,972.8	850,027.0	169,824.3	956,249.0	1,175.7
Alabama	125,340.2	28,231.0	95,020.2	0.0	2,089.0	0.0	0.0	0.0	0.0
Alaska	6,648.3	6,341.9	0.0	0.0	306.4	0.0	0.0	0.0	0.0
Arizona	12,537.1	1,037.5	8.8	0.0	11,490.7	0.0	0.0	0.0	0.0
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California	676,511.6	58,527.3	19,376.3	178,303.3	38,222.1	382,082.6	0.0	0.0	0.0
Colorado	365,052.1	18,917.4	36,559.6	0.0	4,115.1	0.0	0.0	305,460.0	0.0
Connecticut	1,481.4	1,306.0	0.0	0.0	175.4	0.0	0.0	0.0	0.0
Delaware	9,559.9	0.0	0.0	0.0	9,559.9	0.0	0.0	0.0	0.0
District of Columbia	150,500.7	58,562.7	8,617.4	0.0	1,149.1	0.0	82,171.4	0.0	0.0
Florida	33,775.9	20,057.9	8,463.2	0.0	5,254.8	0.0	0.0	0.0	0.0
Georgia	6,592.6	3,798.6	112.3	0.0	2,681.6	0.0	0.0	0.0	0.0
Hawaii	24,289.5	11,713.1	0.0	0.0	9,438.2	0.0	3,138.2	0.0	0.0
Idaho	3,395.0	0.0	0.0	2,990.0	405.0	0.0	0.0	0.0	0.0
Illinois	471,335.8	15,379.3	866.5	0.0	10,218.5	444,871.6	0.0	0.0	0.0
Indiana	8,852.3	2,550.0	0.0	0.0	6,302.3	0.0	0.0	0.0	0.0
Iowa	2,081.8	360.1	32.9	0.0	688.8	1,000.0	0.0	0.0	0.0
Kansas	12,199.5	11,196.4	2.5	0.0	1,000.6	0.0	0.0	0.0	0.0
Kentucky	6,823.4	120.9	0.0	0.0	6,702.5	0.0	0.0	0.0	0.0
Louisiana	25,859.4	18,660.7	3,663.0	0.0	3,535.7	0.0	0.0	0.0	0.0
Maine	350.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0
Maryland	648,412.2	534,777.6	108,348.3	0.0	5,286.3	0.0	0.0	0.0	0.0
Massachusetts	39,754.5	0.0	20,014.9	0.0	9,385.9	700.0	9,653.7	0.0	0.0
Michigan	84,619.7	498.3	0.0	0.0	84,121.3	0.0	0.0	0.0	0.0
Minnesota	2,992.0	0.0	228.0	0.0	2,764.0	0.0	0.0	0.0	0.0
Mississippi	13,552.4	13,419.5	0.0	0.0	132.9	0.0	0.0	0.0	0.0
Missouri	11,126.3	0.0	0.0	0.0	11,126.3	0.0	0.0	0.0	0.0
Montana	19.1	0.0	19.1	0.0	0.0	0.0	0.0	0.0	0.0
Nebraska	841.6	0.0	0.0	0.0	841.6	0.0	0.0	0.0	0.0
Nevada	977.4	0.0	0.0	0.0	977.4	0.0	0.0	0.0	0.0
New Hampshire	1,274.3	256.6	14.8	0.0	1,002.9	0.0	0.0	0.0	0.0
New Jersey	80,847.5	35,800.8	29,808.4	0.0	3,712.3	11,526.0	0.0	0.0	0.0
New Mexico	256,783.6	5,422.4	0.0	246,975.3	4,385.9	0.0	0.0	0.0	0.0

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			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments
New York	129,654.7	14,928.6	166.0	0.0	10,091.6	0.0	46.0	103,792.5	630.0
North Carolina	22,935.4	2,754.9	1,841.9	0.0	18,338.6	0.0	0.0	0.0	0.0
North Dakota	229.4	0.0	0.0	0.0	229.4	0.0	0.0	0.0	0.0
Ohio	94,547.0	345.2	940.2	0.0	18,721.0	0.0	73,995.0	0.0	545.7
Oklahoma	10,806.3	2,192.9	121.2	0.0	8,492.2	0.0	0.0	0.0	0.0
Oregon	144,397.7	23,588.6	183.3	0.0	120,625.8	0.0	0.0	0.0	0.0
Pennsylvania	12,322.0	6,316.8	122.7	0.0	3,614.4	2,268.0	0.0	0.0	0.0
Rhode Island	27,672.4	24,850.8	209.1	0.0	2,612.4	0.0	0.0	0.0	0.0
South Carolina	21,817.2	19,767.7	541.5	0.0	1,508.0	0.0	0.0	0.0	0.0
South Dakota	255.0	0.0	0.0	0.0	255.0	0.0	0.0	0.0	0.0
Tennessee	513,096.1	14,488.2	155.6	0.0	2,324.0	0.0	0.0	496,128.3	0.0
Texas	64,524.8	5,000.1	9,862.8	0.0	49,661.8	0.0	0.0	0.0	0.0
Utah	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vermont	847.1	0.0	0.0	0.0	847.1	0.0	0.0	0.0	0.0
Virginia	103,838.9	86,813.3	6,377.5	0.0	2,819.1	7,578.9	50.0	200.0	0.0
Washington	55,932.3	3,774.8	0.0	0.0	1,489.3	0.0	0.0	50,668.2	0.0
West Virginia	770.0	0.0	0.0	0.0	0.0	0.0	770.0	0.0	0.0
Wisconsin	12,532.4	1,086.6	0.0	0.0	11,445.9	0.0	0.0	0.0	0.0
Wyoming	10,557.3	0.0	0.0	0.0	10,557.3	0.0	0.0	0.0	0.0
Outlying areas	18,331.1	4,978.9	435.1	0.0	12,917.1	0.0	0.0	0.0	0.0
Puerto Rico	15,457.4	2,540.3	0.0	0.0	12,917.1	0.0	0.0	0.0	0.0
Other areas ^b	2,873.7	2,438.6	435.1	0.0	0.0	0.0	0.0	0.0	0.0
Offices abroad ^c	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center.

^a Intramural activities cover costs associated with the administration of intramural R&D programs and extramural R&D procurements by federal personnel as well as actual intramural performance.^b Includes American Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.^c Includes federal obligations for R&D plant located in foreign countries.**Note(s):**

Because of rounding, detail may not add to total. Eleven agencies are required to report data for this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. Obligations of these 11 agencies represented more than 98% of total federal R&D plant obligations in FY 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2019–20.