

TABLE 90

Federal obligations for R&D plant for selected agencies, by state or location and performer: FY 2020

(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	6,083,419.1	3,039,880.4	677,365.4	222,083.8	350,607.7	867,811.2	125,270.3	793,747.5	6,652.9
Alabama	57,873.0	55,313.0	674.5	0.0	1,885.6	0.0	0.0	0.0	0.0
Alaska	12,362.6	8,464.4	0.0	0.0	3,898.2	0.0	0.0	0.0	0.0
Arizona	3,067.9	0.0	0.0	0.0	3,067.9	0.0	0.0	0.0	0.0
Arkansas	580.3	0.0	0.0	0.0	580.3	0.0	0.0	0.0	0.0
California	669,404.4	215,316.3	2,608.3	151,171.4	31,420.4	267,767.2	1,120.8	0.0	0.0
Colorado	140,769.3	85,112.9	0.0	0.0	1,631.9	0.0	736.5	53,288.0	0.0
Connecticut	105.9	0.0	0.0	0.0	105.9	0.0	0.0	0.0	0.0
Delaware	5,540.5	0.0	0.0	0.0	5,540.5	0.0	0.0	0.0	0.0
District of Columbia	97,521.6	30,796.5	14,181.9	0.0	6,193.5	0.0	46,349.6	0.0	0.0
Florida	127,766.7	106,944.9	2,146.0	0.0	18,675.9	0.0	0.0	0.0	0.0
Georgia	37,936.4	32,695.8	177.0	0.0	4,680.2	0.0	383.4	0.0	0.0
Hawaii	6,080.4	5,438.5	0.0	0.0	641.9	0.0	0.0	0.0	0.0
Idaho	249,621.6	0.0	246,980.0	2,060.0	581.6	0.0	0.0	0.0	0.0
Illinois	577,566.5	15,861.0	238.9	0.0	7,797.6	553,669.0	0.0	0.0	0.0
Indiana	1,323.4	0.0	0.0	0.0	1,323.4	0.0	0.0	0.0	0.0
Iowa	4,221.5	445.2	65.8	0.0	1,710.5	2,000.0	0.0	0.0	0.0
Kansas	13,452.8	12,015.9	0.2	0.0	1,436.7	0.0	0.0	0.0	0.0
Kentucky	64,077.7	55,477.8	0.0	0.0	8,599.9	0.0	0.0	0.0	0.0
Louisiana	24,399.0	20,026.6	1,656.8	0.0	2,715.7	0.0	0.0	0.0	0.0
Maine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maryland	1,827,895.7	1,767,704.8	55,687.4	0.0	4,503.5	0.0	0.0	0.0	0.0
Massachusetts	20,918.5	1,790.9	3,494.4	0.0	10,486.7	0.0	5,146.5	0.0	0.0
Michigan	51,130.6	0.0	0.0	0.0	51,130.6	0.0	0.0	0.0	0.0
Minnesota	2,752.6	237.2	163.1	0.0	2,352.3	0.0	0.0	0.0	0.0
Mississippi	12,060.9	11,564.1	0.0	0.0	496.9	0.0	0.0	0.0	0.0
Missouri	45,095.7	24,028.1	17,702.5	0.0	2,704.4	0.0	660.7	0.0	0.0
Montana	2,147.9	0.0	0.0	0.0	2,147.9	0.0	0.0	0.0	0.0
Nebraska	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada	34,155.3	0.0	33,072.2	0.0	1,083.1	0.0	0.0	0.0	0.0
New Hampshire	3,371.4	3,018.3	353.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey	41,005.9	390.7	15,571.8	0.0	4,293.4	20,750.0	0.0	0.0	0.0
New Mexico	72,788.2	3,402.6	450.0	68,852.3	6.8	0.0	0.0	0.0	76.5
New York	233,294.4	70,321.3	379.0	0.0	49,852.6	0.0	0.0	112,165.2	576.4
North Carolina	53,679.6	33,210.7	2,016.5	0.0	18,452.4	0.0	0.0	0.0	0.0
North Dakota	1,374.7	0.0	490.1	0.0	884.6	0.0	0.0	0.0	0.0
Ohio	81,407.6	0.0	2,403.9	0.0	14,003.7	0.0	65,000.0	0.0	0.0
Oklahoma	4,083.2	3,256.8	118.9	0.0	707.4	0.0	0.0	0.0	0.0
Oregon	52,572.3	24,825.1	174.2	0.0	27,573.0	0.0	0.0	0.0	0.0
Pennsylvania	214,093.0	23,528.9	183,217.5	0.0	7,346.6	0.0	0.0	0.0	0.0
Rhode Island	27,908.6	26,452.8	179.7	0.0	1,276.1	0.0	0.0	0.0	0.0
South Carolina	15,503.8	13,618.4	14.7	0.0	1,870.7	0.0	0.0	0.0	0.0
South Dakota	7,547.6	0.0	0.0	0.0	1,547.6	0.0	0.0	0.0	6,000.0
Tennessee	693,757.1	26,367.2	71,295.3	0.0	909.6	0.0	0.0	595,185.0	0.0
Texas	127,817.6	95,614.8	14,536.8	0.0	17,666.0	0.0	0.0	0.0	0.0
Utah	524.8	0.0	0.0	0.0	524.8	0.0	0.0	0.0	0.0

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Vermont	6,079.3	0.0	0.0	0.0	6,079.3	0.0	0.0	0.0	0.0
Virginia	157,180.2	124,021.1	4,528.2	0.0	5,006.0	23,625.0	0.0	0.0	0.0
Washington	122,082.2	82,900.0	111.4	0.0	1,811.2	0.0	4,150.3	33,109.3	0.0
West Virginia	1,722.5	0.0	0.0	0.0	0.0	0.0	1,722.5	0.0	0.0
Wisconsin	67,891.2	58,562.9	1,973.0	0.0	7,355.2	0.0	0.0	0.0	0.0
Wyoming	6,047.9	0.0	0.0	0.0	6,047.9	0.0	0.0	0.0	0.0
Outlying areas	1,857.3	1,154.9	702.4	0.0	0.0	0.0	0.0	0.0	0.0
Puerto Rico	1,154.9	1,154.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other areas ^b	702.4	0.0	702.4	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 2020. FYs 2020 obligations include additional funding provided by supplemental COVID-19 related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2020–21.