

TABLE 27

Federal obligations for basic research, by agency and performer: FY 2019

(Dollars in thousands)

Agency	Total	Intramural ^a	Extramural							
			United States and U.S. territories							Foreign
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
All agencies	40,017,257.6	7,240,357.2	3,636,609.5	555,746.2	18,626,506.6	4,419,740.9	3,724,619.4	1,478,129.7	86,025.0	249,523.2
Departments										
Department of Agriculture	1,056,543.3	697,682.6	2,562.6	0.0	334,000.0	0.0	18,585.3	0.0	2,221.1	1,491.7
Agricultural Research Service	646,187.1	573,709.0	0.0	0.0	63,659.2	0.0	7,153.0	0.0	174.2	1,491.7
Animal and Plant Health Inspection Service	18,812.2	13,585.9	0.0	0.0	5,226.3	0.0	0.0	0.0	0.0	0.0
Forest Service	84,664.4	79,896.1	0.0	0.0	2,594.6	0.0	230.4	0.0	1,943.4	0.0
National Institute of Food and Agriculture	306,879.6	30,491.6	2,562.6	0.0	262,519.9	0.0	11,202.0	0.0	103.6	0.0
Department of Commerce	253,176.4	236,245.6	6,002.8	0.0	8,399.5	0.0	1,703.9	522.0	0.0	302.6
National Institute of Standards and Technology	253,176.4	236,245.6	6,002.8	0.0	8,399.5	0.0	1,703.9	522.0	0.0	302.6
Department of Defense	2,510,170.5	572,114.5	327,350.3	13,895.9	1,373,405.5	9,302.0	106,203.4	21,567.1	2,528.9	83,802.9
Defense Advanced Research Projects Agency	478,318.0	14,862.2	138,394.3	8,693.7	242,713.7	5,971.7	41,151.3	7,729.3	0.0	18,801.9
Department of the Air Force	559,429.2	100,461.1	60,226.8	149.6	360,521.0	204.3	3,423.8	1,107.6	0.0	33,335.0
Department of the Army	494,668.0	159,229.3	65,633.3	0.0	237,941.9	191.8	12,139.7	9,768.7	1,900.0	7,863.3
Department of the Navy	655,662.5	182,875.2	22,055.8	100.0	391,695.2	326.6	34,904.7	875.0	628.9	22,201.0
Other defense agencies	322,092.8	114,686.6	41,040.1	4,952.7	140,533.9	2,607.5	14,583.9	2,086.5	0.0	1,601.7
Department of Education	57,276.0	2,924.9	388.6	0.0	41,959.5	0.0	11,808.0	0.0	195.0	0.0
Department of Energy	5,074,534.1	269,227.6	280,064.3	284,529.0	820,246.5	1,987,385.4	20,314.4	1,410,285.5	1,245.2	1,236.2
Electricity Delivery and Energy Reliability	14,649.0	334.9	965.4	3,415.9	1,737.4	1,467.2	1,024.0	5,659.0	45.2	0.0
Fossil Energy	33,000.0	0.0	0.0	0.0	33,000.0	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	101,820.0	0.0	2,684.8	57,431.4	13,751.4	7,466.5	0.0	20,485.9	0.0	0.0
Office of Defense Nuclear Nonproliferation	101,820.0	0.0	2,684.8	57,431.4	13,751.4	7,466.5	0.0	20,485.9	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	989.0	0.0	989.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	4,924,076.1	268,892.7	275,425.2	223,681.6	771,757.8	1,978,451.6	19,290.4	1,384,140.6	1,200.0	1,236.2

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National Aeronautics and Space Administration	5,688,975.1	735,294.0	1,762,603.7	2,025.5	735,394.5	2,109,267.7	305,380.2	21,910.4	2,124.4	14,974.7
National Science Foundation	5,212,090.0	35,387.8	240,141.4	0.0	4,376,964.0	303,201.7	214,046.8	5,706.0	11,953.6	24,688.8
Nuclear Regulatory Commission	780.0	0.0	0.0	0.0	0.0	0.0	0.0	780.0	0.0	0.0
Smithsonian Institution	236,440.0	236,440.0	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.**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

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