

TABLE 11

Federal obligations for research and experimental development and for R&D plant to federally funded research and development centers, by agency: FY 2020

(Dollars in thousands)

Agency	R&D				R&D plant			
	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs
All agencies	13,149,898.4	4,118,731.7	5,355,210.2	3,675,956.5	1,883,642.4	222,083.8	867,811.2	793,747.5
Departments								
Department of Commerce	24,018.5	0.0	4,167.5	19,851.0	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	19,558.0	0.0	0.0	19,558.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	4,460.5	0.0	4,167.5	293.0	0.0	0.0	0.0	0.0
Department of Defense	1,822,049.2	442,165.3	463,067.9	916,816.1	0.0	0.0	0.0	0.0
Defense Advanced Research Projects Agency	111,668.9	38,570.8	39,285.6	33,812.5	0.0	0.0	0.0	0.0
Defense Health Agency	3,793.7	0.0	308.0	3,485.7	0.0	0.0	0.0	0.0
Department of the Air Force	288,649.6	135,366.6	27,085.7	126,197.4	0.0	0.0	0.0	0.0
Department of the Army	261,922.9	2,268.7	25,553.9	234,100.3	0.0	0.0	0.0	0.0
Department of the Navy	223,572.4	72,998.9	38,368.8	112,204.7	0.0	0.0	0.0	0.0
U.S. Space Force	246,805.4	9,199.5	49,028.8	188,577.1	0.0	0.0	0.0	0.0
Other defense agencies	685,636.2	183,760.8	283,437.1	218,438.3	0.0	0.0	0.0	0.0
Department of Energy	7,566,095.5	2,771,094.8	2,375,117.2	2,419,883.5	1,866,442.4	222,083.8	850,611.2	793,747.5
Advanced Research Projects Agency–Energy	64,261.5	18,392.3	15,959.6	29,909.6	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	100,599.1	38,188.1	8,409.7	54,001.3	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	904,050.6	140,050.1	170,844.2	593,156.3	53,288.0	0.0	0.0	53,288.0
Environmental Management	12,484.9	12,484.9	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	66,874.1	23,803.6	8,853.9	34,216.7	0.0	0.0	0.0	0.0
National Nuclear Security Administration	2,119,606.3	2,033,290.9	16,322.0	69,993.4	208,083.8	203,883.8	0.0	4,200.0
Defense Programs	1,872,155.0	1,866,968.0	3,862.0	1,325.0	208,083.8	203,883.8	0.0	4,200.0
Naval Nuclear Propulsion Program	980.0	890.0	0.0	90.0	0.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	246,471.3	165,432.9	12,460.0	68,578.4	0.0	0.0	0.0	0.0
Nuclear Energy	344,743.0	232,081.5	39,296.9	73,364.7	0.0	0.0	0.0	0.0

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Office of Cybersecurity, Energy Security, and Emergency Response	17,236.6	7,713.0	1,800.0	7,723.6	0.0	0.0	0.0	0.0
Office of Science	3,936,239.4	265,090.6	2,113,630.9	1,557,517.9	1,605,070.6	18,199.9	850,611.2	736,259.5
Department of Health and Human Services	930,545.7	862,133.3	20,303.2	48,109.2	0.0	0.0	0.0	0.0
Biomedical Advanced Research and Development Authority	11,856.9	0.0	0.0	11,856.9	0.0	0.0	0.0	0.0
Centers for Disease Control and Prevention	421.8	0.0	0.0	421.8	0.0	0.0	0.0	0.0
Centers for Medicare and Medicaid Services	*	0.0	0.0	*	0.0	0.0	0.0	0.0
National Institutes of Health	918,267.0	862,133.3	20,303.2	35,830.4	0.0	0.0	0.0	0.0
Department of Homeland Security	91,608.3	17,280.1	4,788.0	69,540.3	0.0	0.0	0.0	0.0
Countering Weapons of Mass Destruction Office	12,202.1	5,800.1	4,788.0	1,614.1	0.0	0.0	0.0	0.0
Cybersecurity and Infrastructure Security Agency	7,657.2	2,285.5	0.0	5,371.7	0.0	0.0	0.0	0.0
Science and Technology Directorate	71,748.9	9,194.4	0.0	62,554.5	0.0	0.0	0.0	0.0
Department of the Interior	1,051.4	0.0	542.3	509.2	0.0	0.0	0.0	0.0
Bureau of Reclamation	542.3	0.0	542.3	0.0	0.0	0.0	0.0	0.0
Bureau of Safety and Environmental Enforcement	509.2	0.0	0.0	509.2	0.0	0.0	0.0	0.0
Department of Transportation	70,290.8	0.0	265.0	70,025.8	0.0	0.0	0.0	0.0
Federal Aviation Administration	69,271.7	0.0	0.0	69,271.7	0.0	0.0	0.0	0.0
Federal Motor Carrier Safety Administration	400.0	0.0	0.0	400.0	0.0	0.0	0.0	0.0
Federal Railroad Administration	354.1	0.0	0.0	354.1	0.0	0.0	0.0	0.0
National Highway Traffic Safety Administration	265.0	0.0	265.0	0.0	0.0	0.0	0.0	0.0

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Department of the Treasury	7,313.1	4,397.1	0.0	2,916.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	7,216.0	4,300.0	0.0	2,916.0	0.0	0.0	0.0	0.0
U.S. Mint	97.1	97.1	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	70,155.1	0.0	0.0	70,155.1	0.0	0.0	0.0	0.0
Other agencies								
Administrative Office of the U.S. Courts	5,045.5	0.0	0.0	5,045.5	0.0	0.0	0.0	0.0
Environmental Protection Agency	1,572.5	149.2	1,100.0	323.3	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	2,265,696.9	10,204.4	2,220,445.9	35,046.7	17,200.0	0.0	17,200.0	0.0
National Science Foundation	267,164.9	0.0	262,424.9	4,740.0	0.0	0.0	0.0	0.0
Nuclear Regulatory Commission	27,291.0	11,307.5	2,988.4	12,995.1	0.0	0.0	0.0	0.0

* = amount greater than \$0 but less than \$50.

FFRDC = federally funded research and development center.

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. FYs 2020 obligations include additional funding provided by supplemental COVID-19 related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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 2020–21.