

TABLE 28

Preliminary federal obligations for basic research, by agency and performer: FY 2021

(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	41,231,293.0	8,291,797.3	2,714,811.5	780,815.5	19,526,242.0	3,527,063.2	4,276,059.2	1,781,301.7	113,739.0	219,463.6	
Departments											
Department of Agriculture	1,236,053.6	817,601.2	743.1	0.0	393,250.5	0.0	20,518.9	0.0	2,065.6	1,874.4	
Agricultural Research Service	793,500.0	727,638.2	0.0	0.0	58,723.0	0.0	5,366.9	0.0	112.1	1,659.8	
Animal and Plant Health Inspection Service	21,046.0	14,803.1	0.0	0.0	6,242.9	0.0	0.0	0.0	0.0	0.0	
Forest Service	73,307.6	66,065.8	38.6	0.0	5,972.2	0.0	188.9	0.0	827.5	214.6	
National Institute of Food and Agriculture	348,200.0	9,094.0	704.5	0.0	322,312.4	0.0	14,963.1	0.0	1,125.9	0.0	
Department of Commerce	275,172.5	259,662.4	5,233.6	0.0	8,578.7	0.0	1,379.6	0.0	0.0	318.3	
National Institute of Standards and Technology	275,172.5	259,662.4	5,233.6	0.0	8,578.7	0.0	1,379.6	0.0	0.0	318.3	
Department of Defense	2,667,604.9	447,214.0	375,875.0	17,240.5	1,594,503.2	19,561.0	105,552.5	39,116.0	156.6	68,386.1	
Defense Advanced Research Projects Agency	524,282.0	14,093.2	145,195.1	12,028.8	279,185.5	6,521.7	49,749.7	8,783.7	0.0	8,724.5	
Defense Health Agency	10,415.6	4,769.2	1,482.6	0.0	540.1	0.0	3,621.7	2.0	0.0	0.0	
Department of the Air Force	496,355.3	70,047.5	31,563.9	108.0	368,146.2	430.0	5,335.6	545.7	14.7	20,163.9	
Department of the Army	552,996.5	32,792.2	108,584.9	9.9	346,174.1	11,543.4	12,811.9	21,569.4	0.0	19,510.7	
Department of the Navy	719,171.6	241,580.9	26,312.0	1,632.1	397,974.4	0.0	31,728.5	366.8	141.9	19,435.1	
Other defense agencies	364,383.9	83,931.0	62,736.5	3,461.7	202,483.0	1,065.9	2,305.1	7,848.6	0.0	552.0	
Department of Education	42,137.3	1,931.4	95.5	0.0	33,237.0	0.0	5,800.1	0.0	1,073.4	0.0	
Department of Energy	5,477,355.7	588,660.2	133,760.8	315,482.7	381,960.8	2,305,295.4	17,609.7	1,703,484.8	31,101.3	0.0	
Electricity Delivery and Energy Reliability	12,943.0	295.9	852.9	3,018.1	1,535.0	1,296.4	904.7	5,000.0	40.0	0.0	
Fossil Energy	1,701.0	0.0	0.0	0.0	1,701.0	0.0	0.0	0.0	0.0	0.0	
National Nuclear Security Administration	125,502.7	0.0	3,221.7	74,313.8	10,068.6	7,951.7	150.0	29,796.8	0.0	0.0	
Office of Defense Nuclear Nonproliferation	125,502.7	0.0	3,221.7	74,313.8	10,068.6	7,951.7	150.0	29,796.8	0.0	0.0	
Office of Cybersecurity, Energy Security, and Emergency Response	1,870.0	1,870.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Office of Science	5,335,339.0	586,494.3	129,686.1	238,150.8	368,656.2	2,296,047.3	16,555.0	1,668,687.9	31,061.4	0.0	

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			United States and U.S. territories							
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
Department of Health and Human Services	21,759,200.3	4,507,131.4	1,082,134.6	438,939.6	11,811,709.8	10,337.0	3,700,941.7	18,242.4	62,776.9	126,986.8
Centers for Disease Control and Prevention	56,766.4	26,289.1	377.5	0.0	23,428.5	0.0	3,563.4	0.0	3,108.0	0.0
Health Resources and Services Administration	2,433.9	2,433.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	21,700,000.0	4,478,408.4	1,081,757.1	438,939.6	11,788,281.4	10,337.0	3,697,378.4	18,242.4	59,668.9	126,986.8
Department of Homeland Security	53,393.8	6,000.0	24,499.8	500.0	21,894.1	0.0	0.0	500.0	0.0	0.0
Countering Weapons of Mass Destruction Office	8,393.8	0.0	499.8	0.0	7,894.1	0.0	0.0	0.0	0.0	0.0
Science and Technology Directorate	45,000.0	6,000.0	24,000.0	500.0	14,000.0	0.0	0.0	500.0	0.0	0.0
Department of the Interior	86,260.8	77,870.6	202.1	0.0	6,727.3	0.0	231.4	0.0	1,229.4	0.0
Bureau of Safety and Environmental Enforcement	1,071.0	1,045.6	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Park Service	865.9	0.0	0.0	0.0	865.9	0.0	0.0	0.0	0.0	0.0
U.S. Geological Survey	84,324.0	76,824.9	176.8	0.0	5,861.5	0.0	231.4	0.0	1,229.4	0.0
Department of Justice	783.1	0.0	0.0	0.0	783.1	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	783.1	0.0	0.0	0.0	783.1	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	669,822.6	669,822.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	3,241,916.9	693,912.6	830,296.4	8,652.7	611,831.9	927,356.5	149,222.1	15,030.7	2,585.8	3,028.2
National Science Foundation	5,505,381.4	8,331.0	261,970.7	0.0	4,659,365.6	264,513.3	274,803.3	4,777.7	12,750.0	18,869.8
Nuclear Regulatory Commission	2,550.1	0.0	0.0	0.0	2,400.1	0.0	0.0	150.0	0.0	0.0
Smithsonian Institution	213,560.0	213,560.0	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. FYs 2021 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.