

TABLE 27

Federal obligations for basic research, by agency and performer: FY 2020

(Dollars in thousands)

Agency	Total	Intramural ^a	Extramural							Foreign
			United States and U.S. territories							
			Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
All agencies	41,546,622.0	7,688,053.5	3,146,842.8	799,850.4	20,128,169.3	3,455,467.9	4,325,626.3	1,667,732.0	114,285.6	220,594.1
Departments										
Department of Agriculture	1,163,827.8	725,662.2	90.8	0.0	414,033.7	0.0	19,038.9	0.0	2,574.4	2,427.7
Agricultural Research Service	711,764.4	623,948.7	0.0	0.0	78,297.3	0.0	7,155.8	0.0	149.5	2,213.1
Animal and Plant Health Inspection Service	19,082.1	13,253.9	0.0	0.0	5,828.2	0.0	0.0	0.0	0.0	0.0
Forest Service	84,828.8	77,587.0	38.6	0.0	5,972.2	0.0	188.9	0.0	827.5	214.6
National Institute of Food and Agriculture	348,152.5	10,872.7	52.3	0.0	323,936.0	0.0	11,694.2	0.0	1,597.4	0.0
Department of Commerce	251,170.4	237,190.3	5,233.6	0.0	7,048.7	0.0	1,379.6	0.0	0.0	318.3
National Institute of Standards and Technology	251,170.4	237,190.3	5,233.6	0.0	7,048.7	0.0	1,379.6	0.0	0.0	318.3
Department of Defense	2,499,140.7	401,941.9	364,491.6	17,826.5	1,490,834.9	19,800.8	102,092.6	35,648.1	146.9	66,357.4
Defense Advanced Research Projects Agency	482,126.0	12,960.0	133,520.3	11,061.6	256,737.0	5,997.3	45,749.4	8,077.4	0.0	8,023.0
Defense Health Agency	10,689.1	4,264.9	599.1	0.0	336.3	0.0	5,487.3	1.5	0.0	0.0
Department of the Air Force	520,275.5	76,269.6	32,874.2	112.5	383,429.6	447.8	5,557.1	568.3	15.3	21,001.0
Department of the Army	523,981.7	31,071.6	102,887.7	9.4	328,010.9	10,937.8	12,139.7	20,437.7	0.0	18,487.0
Department of the Navy	640,949.7	192,676.1	28,072.7	1,513.0	369,864.8	0.0	30,334.1	340.0	131.6	18,017.4
Other defense agencies	321,118.7	84,699.6	66,537.6	5,130.0	152,456.4	2,418.0	2,825.0	6,223.1	0.0	829.1
Department of Education	53,666.0	2,803.5	180.0	0.0	41,258.6	0.0	7,873.8	0.0	1,550.1	0.0
Department of Energy	5,501,609.3	207,289.5	325,614.0	334,864.2	865,149.4	2,120,057.8	29,735.6	1,589,279.7	29,452.6	166.5
Electricity Delivery and Energy Reliability	13,038.1	298.1	859.2	3,561.8	1,546.3	784.4	911.4	5,036.7	40.3	0.0
Fossil Energy	33,967.0	0.0	0.0	0.0	33,967.0	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	114,311.8	0.0	1,982.4	66,211.8	13,750.0	5,642.5	0.0	26,725.1	0.0	0.0
Office of Defense Nuclear Nonproliferation	114,311.8	0.0	1,982.4	66,211.8	13,750.0	5,642.5	0.0	26,725.1	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	1,153.0	1,153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	5,339,139.4	205,838.5	322,772.5	265,090.6	815,886.1	2,113,630.9	28,824.2	1,557,517.9	29,412.3	166.5

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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	21,808,980.1	4,514,764.5	1,084,543.9	439,688.0	11,841,606.6	10,354.6	3,707,295.7	18,273.5	64,152.0	128,301.2
Centers for Disease Control and Prevention	69,564.7	26,304.7	942.3	0.0	33,225.4	0.0	3,613.1	0.0	4,381.4	1,097.9
Health Resources and Services Administration	2,415.4	2,415.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	21,737,000.0	4,486,044.4	1,083,601.6	439,688.0	11,808,381.2	10,354.6	3,703,682.7	18,273.5	59,770.6	127,203.3
Department of Homeland Security	47,365.5	5,590.8	24,266.7	305.1	17,130.1	0.0	0.0	72.8	0.0	0.0
Countering Weapons of Mass Destruction Office	6,114.3	0.0	399.8	0.0	5,714.5	0.0	0.0	0.0	0.0	0.0
Science and Technology Directorate	41,251.1	5,590.8	23,866.9	305.1	11,415.5	0.0	0.0	72.8	0.0	0.0
Department of the Interior	83,859.9	75,568.6	197.3	0.0	6,697.4	0.0	229.5	0.0	1,167.1	0.0
Bureau of Safety and Environmental Enforcement	1,017.1	993.0	24.0	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	81,977.0	74,575.6	173.3	0.0	5,831.6	0.0	229.5	0.0	1,167.1	0.0
Department of Justice	711.9	0.0	0.0	0.0	711.9	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	711.9	0.0	0.0	0.0	711.9	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	5,625.1	1,104.1	3,521.0	0.0	0.0	0.0	0.0	1,000.0	0.0	0.0
Bureau of Engraving and Printing	5,521.0	1,000.0	3,521.0	0.0	0.0	0.0	0.0	1,000.0	0.0	0.0
U.S. Mint	104.1	104.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	617,719.0	617,719.0	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	3,839,375.2	680,293.9	1,078,801.5	7,166.7	820,118.9	1,042,829.7	185,347.0	17,922.1	2,593.1	4,302.1
National Science Foundation	5,461,915.4	8,265.2	259,902.4	0.0	4,622,579.1	262,424.9	272,633.7	4,740.0	12,649.3	18,720.8
Nuclear Regulatory Commission	1,795.7	0.0	0.0	0.0	1,000.0	0.0	0.0	795.7	0.0	0.0
Smithsonian Institution	209,760.0	209,760.0	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 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.