

TABLE 28

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

(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	41,755,263.7	7,935,419.5	3,542,305.1	553,390.2	19,635,289.9	4,261,592.7	3,888,989.6	1,576,471.2	117,864.7	243,941.1
Departments										
Department of Agriculture	1,182,931.5	788,049.6	3,021.9	0.0	369,523.9	0.0	18,978.3	0.0	2,238.9	1,118.8
Agricultural Research Service	707,000.0	652,641.4	0.0	0.0	47,744.4	0.0	5,364.7	0.0	130.7	1,118.8
Animal and Plant Health Inspection Service	18,856.0	13,555.1	0.0	0.0	5,300.9	0.0	0.0	0.0	0.0	0.0
Forest Service	86,075.5	81,307.2	0.0	0.0	2,594.6	0.0	230.4	0.0	1,943.4	0.0
National Institute of Food and Agriculture	371,000.0	40,545.9	3,021.9	0.0	313,884.0	0.0	13,383.2	0.0	164.9	0.0
Department of Commerce	261,901.9	244,971.1	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	261,901.9	244,971.1	6,002.8	0.0	8,399.5	0.0	1,703.9	522.0	0.0	302.6
Department of Defense	2,564,726.7	575,521.4	380,802.9	14,073.5	1,381,210.2	7,935.6	95,329.8	27,371.6	2,726.9	79,754.8
Defense Advanced Research Projects Agency	481,562.0	14,963.0	139,332.9	8,752.6	244,359.8	6,012.2	41,430.4	7,781.7	0.0	18,929.4
Department of the Air Force	503,429.8	88,283.6	54,573.9	135.6	326,682.6	185.2	3,102.5	1,003.7	0.0	29,462.8
Department of the Army	550,851.8	177,314.4	73,087.8	0.0	264,967.1	213.6	13,518.5	10,878.2	2,115.8	8,756.4
Department of the Navy	637,091.0	177,722.8	21,431.1	97.2	380,600.5	317.4	33,916.1	850.2	611.1	21,544.7
Other defense agencies	391,792.1	117,237.5	92,377.2	5,088.2	164,600.3	1,207.3	3,362.4	6,857.8	0.0	1,061.5
Department of Education	58,656.1	2,802.6	590.7	0.0	42,123.2	0.0	13,139.6	0.0	0.0	0.0
Department of Energy	5,482,587.4	505,105.1	253,356.4	263,725.6	856,316.9	2,061,083.1	11,555.7	1,501,397.0	30,047.6	0.0
Electricity Delivery and Energy Reliability	15,404.0	352.1	1,015.1	3,592.0	1,826.9	1,542.9	1,076.7	5,950.7	47.6	0.0
Fossil Energy	34,000.0	0.0	0.0	0.0	34,000.0	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	106,658.4	0.0	1,646.3	60,759.6	13,750.0	5,214.0	0.0	25,288.6	0.0	0.0
Office of Defense Nuclear Nonproliferation	106,658.4	0.0	1,646.3	60,759.6	13,750.0	5,214.0	0.0	25,288.6	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	1,605.0	0.0	1,605.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	5,324,920.0	504,753.0	249,090.0	199,374.1	806,740.0	2,054,326.2	10,479.0	1,470,157.7	30,000.0	0.0

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National Aeronautics and Space Administration	5,259,592.0	761,985.8	1,566,387.3	1,946.6	770,357.7	1,870,461.0	258,079.4	21,929.0	1,772.4	6,672.7
National Science Foundation	5,342,150.0	36,270.9	246,123.7	0.0	4,486,193.6	310,768.3	219,388.4	5,848.4	12,251.9	25,304.9
Nuclear Regulatory Commission	795.7	0.0	0.0	0.0	0.0	0.0	0.0	795.7	0.0	0.0
Smithsonian Institution	241,440.0	241,440.0	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. FY 2020 preliminary data do not include obligations from 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 2019–20.