

TABLE 31

Preliminary federal obligations for basic research, by agency and field of science and engineering: FY 2020

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies	41,755,263.7	2,474,181.4	3,811,540.5	2,922,334.9	20,206,451.5	7,716,064.7	1,471,698.9	428,870.1	2,724,121.8
Departments									
Department of Agriculture	1,182,931.5	964.4	35,586.1	8,434.4	1,034,522.8	54,185.6	0.0	49,238.1	0.0
Agricultural Research Service	707,000.0	919.1	6,363.0	3,110.8	649,520.9	45,389.4	0.0	1,696.8	0.0
Animal and Plant Health Inspection Service	18,856.0	0.0	0.0	0.0	18,856.0	0.0	0.0	0.0	0.0
Forest Service	86,075.5	45.3	4,628.4	3,144.3	65,609.8	3,125.5	0.0	9,522.1	0.0
National Institute of Food and Agriculture	371,000.0	0.0	24,594.7	2,179.3	300,536.1	5,670.6	0.0	38,019.3	0.0
Department of Commerce	261,901.9	20,670.1	25,757.5	0.0	11,475.8	186,774.1	0.0	0.0	17,224.3
National Institute of Standards and Technology	261,901.9	20,670.1	25,757.5	0.0	11,475.8	186,774.1	0.0	0.0	17,224.3
Department of Defense	2,564,726.7	610,220.9	661,544.4	104,372.3	306,704.5	389,749.7	49,002.7	34,983.0	408,149.1
Defense Advanced Research Projects Agency	481,562.0	253,389.4	67,331.0	0.0	95,985.7	61,897.2	0.0	0.0	2,958.7
Department of the Air Force	503,429.8	84,518.0	149,372.6	6,431.5	37,821.1	172,968.0	770.7	7,812.0	43,735.9
Department of the Army	550,851.8	83,216.3	43,849.0	5,202.4	109,701.4	42,030.9	19,714.4	2,639.5	244,497.9
Department of the Navy	637,091.0	75,912.5	285,389.9	85,273.7	28,093.8	42,065.7	13,302.5	6,895.7	100,157.1
Other defense agencies	391,792.1	113,184.7	115,601.9	7,464.7	35,102.6	70,787.9	15,215.1	17,635.9	16,799.4
Department of Education	58,656.1	0.0	0.0	0.0	0.0	0.0	0.0	952.4	57,703.7
Department of Energy	5,482,587.4	783,400.9	1,041,422.0	31,281.0	447,501.0	2,312,158.6	0.0	0.0	866,824.0
Electricity Delivery and Energy Reliability	15,404.0	0.0	15,404.0	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	34,000.0	0.0	0.0	0.0	0.0	34,000.0	0.0	0.0	0.0
National Nuclear Security Administration	106,658.4	7,135.9	1,139.0	2,281.0	447.0	95,655.6	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	106,658.4	7,135.9	1,139.0	2,281.0	447.0	95,655.6	0.0	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
Office of Science	5,324,920.0	776,265.0	1,023,274.0	29,000.0	447,054.0	2,182,503.0	0.0	0.0	866,824.0
Department of Health and Human Services	20,477,268.2	95,256.7	1,181,617.9	226,366.5	16,942,174.0	48,877.7	1,337,265.6	62,576.3	583,133.3
Centers for Disease Control and Prevention	87,906.2	0.0	0.0	37,483.8	29,962.8	0.0	0.0	220.0	20,239.6
Health Resources and Services Administration	2,362.0	0.0	0.0	0.0	2,362.0	0.0	0.0	0.0	0.0

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Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
National Institutes of Health	20,387,000.0	95,256.7	1,181,617.9	188,882.7	16,909,849.3	48,877.7	1,337,265.6	62,356.3	562,893.7
Department of Homeland Security	45,280.0	1,000.0	23,000.0	8,000.0	0.0	1,000.0	0.0	0.0	12,280.0
Countering Weapons of Mass Destruction Office	4,280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,280.0
Science and Technology Directorate	41,000.0	1,000.0	23,000.0	8,000.0	0.0	1,000.0	0.0	0.0	8,000.0
Department of Housing and Urban Development	57,874.8	0.0	3,943.5	0.0	0.0	0.0	0.0	51,932.5	1,998.7
Department of the Interior	83,937.8	0.0	228.4	70,515.5	13,034.9	0.0	0.0	159.0	0.0
Bureau of Land Management	867.0	0.0	0.0	0.0	867.0	0.0	0.0	0.0	0.0
Bureau of Safety and Environmental Enforcement	228.4	0.0	228.4	0.0	0.0	0.0	0.0	0.0	0.0
National Park Service	865.9	0.0	0.0	477.1	229.8	0.0	0.0	159.0	0.0
U.S. Geological Survey	81,976.6	0.0	0.0	70,038.5	11,938.1	0.0	0.0	0.0	0.0
Department of Justice	21,652.6	0.0	0.0	0.0	285.6	0.0	1,464.8	19,902.2	0.0
Office of Justice Programs	21,652.6	0.0	0.0	0.0	285.6	0.0	1,464.8	19,902.2	0.0
Department of the Treasury	5,625.1	0.0	104.1	0.0	0.0	5,521.0	0.0	0.0	0.0
Bureau of Engraving and Printing	5,521.0	0.0	0.0	0.0	0.0	5,521.0	0.0	0.0	0.0
U.S. Mint	104.1	0.0	104.1	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	668,843.9	0.0	20,065.3	0.0	601,959.5	0.0	46,819.1	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	5,259,592.0	0.0	0.0	1,531,707.8	38,256.8	3,676,163.1	0.0	0.0	13,464.3
National Science Foundation	5,342,150.0	962,668.3	818,271.2	931,150.3	707,161.5	991,644.0	37,146.8	195,555.4	698,552.6
Nuclear Regulatory Commission	795.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	795.7
Smithsonian Institution	241,440.0	0.0	0.0	10,507.0	103,375.0	49,991.0	0.0	13,571.0	63,996.0

nec = not elsewhere classified.

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.