

TABLE 24

Federal obligations for research in physical sciences, by agency and detailed field: FY 2020

(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies	8,419,870.0	871,340.8	1,143,827.0	3,577,082.3	2,827,620.0
Departments					
Department of Agriculture	100,224.6	0.0	97,149.8	3,074.8	0.0
Agricultural Research Service	82,251.5	0.0	79,176.7	3,074.8	0.0
Forest Service	4,779.7	0.0	4,779.7	0.0	0.0
National Institute of Food and Agriculture	13,193.4	0.0	13,193.4	0.0	0.0
Department of Commerce	263,059.8	142.9	48,071.1	210,782.0	4,063.9
National Institute of Standards and Technology	238,872.8	142.9	46,210.1	188,456.0	4,063.9
National Oceanic and Atmospheric Administration	24,187.0	0.0	1,861.0	22,326.0	0.0
Department of Defense	688,787.7	4,488.1	181,407.4	322,981.6	179,910.7
Defense Advanced Research Projects Agency	59,945.5	0.0	550.0	58,862.0	533.6
Department of the Air Force	237,569.0	3,822.9	13,551.2	144,937.2	75,257.7
Department of the Army	44,603.1	0.0	17,060.5	23,844.2	3,698.4
Department of the Navy	84,111.3	665.1	11,810.5	14,526.9	57,108.7
Other defense agencies	262,558.7	0.0	138,435.1	80,811.2	43,312.4
Department of Energy	4,473,509.1	0.0	424,544.3	2,732,596.9	1,316,368.0
Advanced Research Projects Agency—Energy	36,414.2	0.0	0.0	36,414.2	0.0
Fossil Energy	136,344.2	0.0	136,344.2	0.0	0.0
National Nuclear Security Administration	954,613.2	0.0	17,055.8	794,839.6	142,717.9
Defense Programs	758,802.5	0.0	0.0	727,446.4	31,356.1
Office of Defense Nuclear Nonproliferation	195,810.7	0.0	17,055.8	67,393.2	111,361.7
Office of Science	3,346,137.5	0.0	271,144.3	1,901,343.1	1,173,650.1
Department of Health and Human Services	109,264.6	0.0	107,915.1	1,349.5	0.0
National Institutes of Health	109,264.6	0.0	107,915.1	1,349.5	0.0
Department of Homeland Security	27,590.9	0.0	9,837.3	9,247.3	8,506.2
Countering Weapons of Mass Destruction Office	12,363.5	0.0	2,105.6	9,247.3	1,010.6
Science and Technology Directorate	15,227.4	0.0	7,731.7	0.0	7,495.6
Department of the Interior	951.5	0.0	376.9	330.4	244.2
Bureau of Safety and Environmental Enforcement	707.3	0.0	376.9	330.4	0.0
National Park Service	244.2	0.0	0.0	0.0	244.2
Department of Justice	6,403.9	0.0	5,240.5	0.0	1,163.5
Office of Justice Programs	6,403.9	0.0	5,240.5	0.0	1,163.5
Department of Transportation	2,627.9	0.0	1,899.1	0.0	728.8
Pipeline and Hazardous Materials Safety Administration	2,627.9	0.0	1,899.1	0.0	728.8
Department of the Treasury	49,428.7	0.0	0.0	0.0	49,428.7
Bureau of Engraving and Printing	49,428.7	0.0	0.0	0.0	49,428.7
Other agencies					
Consumer Product Safety Commission	19.2	0.0	0.0	0.0	19.2
Environmental Protection Agency	9,836.6	0.0	8,673.9	0.0	1,162.7
Federal Communications Commission	450.0	0.0	0.0	450.0	0.0
Library of Congress	1,215.2	0.0	1,215.2	0.0	0.0
National Aeronautics and Space Administration	1,653,184.1	612,490.2	0.0	9,076.8	1,031,617.1
National Science Foundation	1,031,550.9	252,454.3	257,496.6	287,193.0	234,407.1
Smithsonian Institution	1,765.3	1,765.3	0.0	0.0	0.0

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.