

TABLE 30

Federal obligations for basic research, by agency and field of science and engineering: FY 2019

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies	40,017,257.6	2,305,943.3	3,617,951.0	3,251,794.3	18,880,552.1	7,906,958.5	1,366,066.7	451,215.9	2,236,775.9
Departments									
Department of Agriculture	1,056,543.3	885.4	29,181.9	7,723.5	927,224.9	49,382.2	0.0	42,145.5	0.0
Agricultural Research Service	646,187.1	840.0	5,815.7	2,843.2	593,652.1	41,485.2	0.0	1,550.8	0.0
Animal and Plant Health Inspection Service	18,812.2	0.0	0.0	0.0	18,812.2	0.0	0.0	0.0	0.0
Forest Service	84,664.4	45.3	4,522.2	3,089.8	64,567.0	3,074.3	0.0	9,365.8	0.0
National Institute of Food and Agriculture	306,879.6	0.0	18,844.0	1,790.5	250,193.6	4,822.7	0.0	31,228.9	0.0
Department of Commerce	253,176.4	13,035.1	23,920.1	0.0	11,515.6	187,421.5	0.0	0.0	17,284.0
National Institute of Standards and Technology	253,176.4	13,035.1	23,920.1	0.0	11,515.6	187,421.5	0.0	0.0	17,284.0
Department of Defense	2,510,170.5	576,390.3	687,996.3	105,751.2	296,691.6	383,510.3	36,752.6	35,155.5	387,922.6
Defense Advanced Research Projects Agency	478,318.0	251,682.5	66,877.5	0.0	95,339.1	61,480.2	0.0	0.0	2,938.8
Department of the Air Force	559,429.2	92,935.5	164,844.9	7,097.7	41,738.6	191,705.0	850.2	11,991.1	48,266.2
Department of the Army	494,668.0	74,728.7	39,376.6	4,671.8	98,512.5	37,744.0	17,703.6	2,370.2	219,560.5
Department of the Navy	655,662.5	78,125.4	293,709.1	87,759.4	28,912.8	43,291.9	13,690.3	7,096.8	103,076.8
Other defense agencies	322,092.8	78,918.2	123,188.2	6,222.2	32,188.7	49,289.2	4,508.5	13,697.4	14,080.4
Department of Education	57,276.0	0.0	0.0	0.0	0.0	0.0	0.0	57,276.0	0.0
Department of Energy	5,074,534.1	687,098.1	931,142.2	306,753.0	435,319.5	2,203,554.5	0.0	0.0	510,666.7
Electricity Delivery and Energy Reliability	14,649.0	0.0	14,649.0	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	33,000.0	0.0	0.0	0.0	0.0	33,000.0	0.0	0.0	0.0
National Nuclear Security Administration	101,820.0	4,118.7	200.0	1,846.5	908.0	94,696.7	0.0	0.0	50.0
Office of Defense Nuclear Nonproliferation	101,820.0	4,118.7	200.0	1,846.5	908.0	94,696.7	0.0	0.0	50.0
Office of Cybersecurity, Energy Security, and Emergency Response	989.0	0.0	989.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	4,924,076.1	682,979.4	915,304.2	304,906.5	434,411.5	2,075,857.8	0.0	0.0	510,616.7
Department of Health and Human Services	19,099,834.2	88,869.5	1,102,387.4	213,778.9	15,796,219.4	45,600.3	1,247,598.6	58,395.2	546,984.8
Centers for Disease Control and Prevention	77,206.4	0.0	0.0	37,561.2	17,590.6	0.0	0.0	220.0	21,834.6
Health Resources and Services Administration	2,627.8	0.0	0.0	0.0	2,627.8	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	19,020,000.0	88,869.5	1,102,387.4	176,217.6	15,776,001.0	45,600.3	1,247,598.6	58,175.2	525,150.3
Department of Homeland Security	46,283.8	435.5	24,746.0	7,650.9	0.0	804.9	0.0	0.0	12,646.5
Countering Weapons of Mass Destruction Office	5,376.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,376.7
Science and Technology Directorate	40,907.1	435.5	24,746.0	7,650.9	0.0	804.9	0.0	0.0	7,269.8
Department of Housing and Urban Development	39,078.9	0.0	1,159.2	0.0	0.0	0.0	0.0	36,206.1	1,713.6
Department of the Interior	81,447.2	0.0	182.9	69,022.6	12,081.1	0.0	0.0	160.6	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	182.9	0.0	182.9	0.0	0.0	0.0	0.0	0.0	0.0
National Park Service	857.3	0.0	0.0	464.6	232.1	0.0	0.0	160.6	0.0
U.S. Geological Survey	79,540.0	0.0	0.0	68,558.0	10,982.0	0.0	0.0	0.0	0.0
Department of Justice	21,228.1	0.0	0.0	0.0	280.0	0.0	1,436.1	19,512.0	0.0
Office of Justice Programs	21,228.1	0.0	0.0	0.0	280.0	0.0	1,436.1	19,512.0	0.0
Department of the Treasury	10,298.9	0.0	13.9	0.0	0.0	10,285.0	0.0	0.0	0.0
Bureau of Engraving and Printing	10,285.0	0.0	0.0	0.0	0.0	10,285.0	0.0	0.0	0.0
U.S. Mint	13.9	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	629,101.4	0.0	18,873.0	0.0	566,191.2	0.0	44,037.1	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	5,688,975.1	0.0	0.0	1,623,128.6	43,610.2	4,008,909.2	0.0	0.0	13,327.1
National Science Foundation	5,212,090.0	939,229.3	798,347.9	908,478.7	689,943.6	967,499.5	36,242.3	190,794.0	681,554.6
Nuclear Regulatory Commission	780.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	780.0
Smithsonian Institution	236,440.0	0.0	0.0	9,507.0	101,475.0	49,991.0	0.0	11,571.0	63,896.0

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. 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.