

TABLE 47

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

(Dollars in thousands)

Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
All agencies	21,720,001.5	730,770.9	9,839,443.3	430,842.6	8,722,160.2	1,996,784.4
Departments						
Department of Agriculture	971,775.8	570,143.7	127,367.7	261,693.0	11,917.7	653.7
Agricultural Marketing Service	3,476.3	3,476.3	0.0	0.0	0.0	0.0
Agricultural Research Service	523,118.4	406,389.0	36,442.3	71,005.6	9,281.4	0.0
Forest Service	136,076.0	13,358.8	8,038.4	114,025.1	0.0	653.7
National Institute of Food and Agriculture	306,305.2	144,119.7	82,886.9	76,662.3	2,636.3	0.0
Rural Business-Cooperative Service	2,800.0	2,800.0	0.0	0.0	0.0	0.0
Department of Commerce	76,126.3	8,396.0	34,481.1	15,589.7	5,131.0	12,528.5
National Institute of Standards and Technology	22,065.2	0.0	22,065.2	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	54,061.1	8,396.0	12,415.9	15,589.7	5,131.0	12,528.5
Department of Defense	765,008.3	0.0	120,185.0	22,444.7	587,399.2	34,979.4
Defense Advanced Research Projects Agency	242,384.1	0.0	85,335.9	22,444.7	134,603.5	0.0
Defense Health Agency	150,341.6	0.0	0.0	0.0	150,341.6	0.0
Department of the Air Force	15,386.9	0.0	1,004.8	0.0	0.0	14,382.2
Department of the Army	214,105.6	0.0	0.0	0.0	214,105.6	0.0
Department of the Navy	38,025.3	0.0	9,352.9	0.0	10,627.6	18,044.8
Other defense agencies	104,764.9	0.0	24,491.4	0.0	77,721.0	2,552.4
Department of Energy	39,003.2	34,750.2	2,354.5	0.0	0.0	1,898.5
Advanced Research Projects Agency—Energy	37,004.8	34,750.2	2,254.5	0.0	0.0	0.0
National Nuclear Security Administration	100.0	0.0	100.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	100.0	0.0	100.0	0.0	0.0	0.0
Office of Science	1,898.5	0.0	0.0	0.0	0.0	1,898.5
Department of Health and Human Services	18,022,580.0	0.0	9,280,018.3	0.0	6,889,319.9	1,853,241.8
Agency for Healthcare Research and Quality	172,573.6	0.0	0.0	0.0	171,307.5	1,266.1
Centers for Disease Control and Prevention	266,098.5	0.0	68,640.2	0.0	88,971.4	108,487.0
Centers for Medicare and Medicaid Services	223,561.9	0.0	0.0	0.0	223,561.9	0.0
Food and Drug Administration	463,951.7	0.0	463,951.7	0.0	0.0	0.0
Health Resources and Services Administration	16,449.3	0.0	0.0	0.0	16,449.3	0.0
National Institutes of Health	16,879,944.9	0.0	8,747,426.4	0.0	6,389,029.8	1,743,488.7
Department of Homeland Security	70,329.4	0.0	70,329.4	0.0	0.0	0.0
Countering Weapons of Mass Destruction Office	323.6	0.0	323.6	0.0	0.0	0.0

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Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
Science and Technology Directorate	70,005.8	0.0	70,005.8	0.0	0.0	0.0
Department of the Interior	200,503.7	32,650.0	82,498.9	85,354.8	0.0	0.0
Bureau of Land Management	13,724.0	0.0	0.0	13,724.0	0.0	0.0
National Park Service	4,291.7	0.0	3,084.8	1,206.9	0.0	0.0
U.S. Fish and Wildlife Service	32,650.0	32,650.0	0.0	0.0	0.0	0.0
U.S. Geological Survey	149,838.0	0.0	79,414.1	70,423.9	0.0	0.0
Department of Justice	11,236.4	150.0	3,761.6	0.0	6,491.3	833.5
Office of Justice Programs	11,236.4	150.0	3,761.6	0.0	6,491.3	833.5
Department of State	28,000.0	0.0	0.0	0.0	28,000.0	0.0
Department of Transportation	7,923.9	0.0	0.0	0.0	7,923.9	0.0
Federal Aviation Administration	7,923.9	0.0	0.0	0.0	7,923.9	0.0
Department of Veterans Affairs	674,885.1	0.0	0.0	0.0	674,885.1	0.0
Other agencies						
Agency for International Development	125,214.9	84,094.6	0.0	0.0	41,120.3	0.0
Environmental Protection Agency	162,744.7	586.4	112,491.9	45,760.5	241.8	3,664.1
National Aeronautics and Space Administration	88,984.9	0.0	0.0	0.0	0.0	88,984.9
National Science Foundation	5,954.9	0.0	5,954.9	0.0	0.0	0.0
Patient-Centered Outcomes Research Trust Fund	469,730.1	0.0	0.0	0.0	469,730.1	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.