

TABLE 23

**Federal obligations for 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	42,524,844.3	1,412,605.2	20,165,399.3	901,919.9	16,182,200.3	3,862,719.5
Departments						
Department of Agriculture	1,992,333.7	1,249,682.5	270,755.7	446,674.2	24,561.5	659.9
Agricultural Marketing Service	3,476.3	3,476.3	0.0	0.0	0.0	0.0
Agricultural Research Service	1,177,016.3	914,375.2	81,995.3	159,762.6	20,883.2	0.0
Animal and Plant Health Inspection Service	19,082.1	19,082.1	0.0	0.0	0.0	0.0
Forest Service	200,758.7	28,549.6	14,206.3	157,343.0	0.0	659.9
National Institute of Food and Agriculture	589,200.3	281,399.3	174,554.1	129,568.6	3,678.4	0.0
Rural Business-Cooperative Service	2,800.0	2,800.0	0.0	0.0	0.0	0.0
Department of Commerce	89,999.5	8,396.0	48,354.3	15,589.7	5,131.0	12,528.5
National Institute of Standards and Technology	35,938.4	0.0	35,938.4	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	1,084,723.0	2,295.6	222,487.0	29,807.2	780,552.7	49,580.5
Defense Advanced Research Projects Agency	328,148.3	0.0	132,513.6	29,807.2	165,827.4	0.0
Defense Health Agency	160,122.0	0.0	0.0	0.0	160,122.0	0.0
Department of the Air Force	25,192.5	0.0	6,572.2	0.0	56.8	18,563.5
Department of the Army	318,455.8	0.0	5,771.4	0.0	307,741.5	4,943.0
Department of the Navy	112,077.5	0.0	21,505.4	0.0	69,083.9	21,488.2
Other defense agencies	140,726.9	2,295.6	56,124.5	0.0	77,721.0	4,585.8
Department of Energy	509,108.0	34,750.2	387,794.3	31,742.1	51,754.7	3,066.6
Advanced Research Projects Agency—Energy	37,004.8	34,750.2	2,254.5	0.0	0.0	0.0
National Nuclear Security Administration	547.0	0.0	400.0	147.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	547.0	0.0	400.0	147.0	0.0	0.0
Office of Science	471,556.2	0.0	385,139.8	31,595.1	51,754.7	3,066.6
Department of Health and Human Services	35,569,503.7	0.0	18,369,528.9	0.0	13,535,760.8	3,664,213.9
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	277,307.1	0.0	72,146.7	0.0	96,673.5	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	18,864.7	0.0	0.0	0.0	18,864.7	0.0
National Institutes of Health	34,413,244.6	0.0	17,833,430.5	0.0	13,025,353.3	3,554,460.8
Department of Homeland Security	71,061.2	0.0	71,061.2	0.0	0.0	0.0

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(Dollars in thousands)

Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
Countering Weapons of Mass Destruction Office	1,055.4	0.0	1,055.4	0.0	0.0	0.0
Science and Technology Directorate	70,005.8	0.0	70,005.8	0.0	0.0	0.0
Department of the Interior	212,676.1	32,650.0	89,060.5	90,965.7	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	4,526.1	0.0	3,319.2	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	161,776.0	0.0	85,741.3	76,034.7	0.0	0.0
Department of Justice	11,948.3	150.0	4,473.5	0.0	6,491.3	833.5
Office of Justice Programs	11,948.3	150.0	4,473.5	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	1,230,832.2	0.0	0.0	0.0	1,230,832.2	0.0
Other agencies						
Agency for International Development	125,314.9	84,094.6	0.0	0.0	41,220.3	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	125,229.5	0.0	0.0	0.0	0.0	125,229.5
National Science Foundation	751,761.6	0.0	585,530.0	166,231.5	0.0	0.0
Patient-Centered Outcomes Research Trust Fund	469,730.1	0.0	0.0	0.0	469,730.1	0.0
Smithsonian Institution	81,954.0	0.0	3,862.0	75,149.0	0.0	2,943.0

**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.