

TABLE 23

**Federal obligations for research in life sciences, by agency and detailed field: FY 2019**

(Dollars in thousands)

Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
All agencies	38,303,662.4	1,445,518.9	18,910,386.0	924,187.5	13,774,777.7	3,248,792.4
Departments						
Department of Agriculture	1,997,416.6	1,262,222.6	268,989.2	441,522.2	24,462.6	220.0
Agricultural Marketing Service	3,855.3	3,855.3	0.0	0.0	0.0	0.0
Agricultural Research Service	1,068,573.8	830,130.7	74,440.8	145,043.2	18,959.1	0.0
Animal and Plant Health Inspection Service	18,812.2	18,812.2	0.0	0.0	0.0	0.0
Forest Service	193,897.1	27,045.7	12,558.0	154,073.4	0.0	220.0
National Institute of Food and Agriculture	709,478.2	379,578.7	181,990.5	142,405.6	5,503.4	0.0
Rural Business-Cooperative Service	2,800.0	2,800.0	0.0	0.0	0.0	0.0
Department of Commerce	81,511.5	8,153.0	43,471.6	14,061.6	4,983.0	10,842.3
National Institute of Standards and Technology	32,892.1	0.0	32,892.1	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	48,619.4	8,153.0	10,579.4	14,061.6	4,983.0	10,842.3
Department of Defense	819,756.6	6,544.6	246,903.3	41,052.5	459,819.2	65,437.0
Defense Advanced Research Projects Agency	269,609.2	0.0	124,368.8	38,069.8	107,170.6	0.0
Department of the Air Force	85,338.5	3,660.7	29,065.8	17.7	89.0	52,505.4
Department of the Army	324,821.8	0.0	5,448.5	0.0	314,706.8	4,666.5
Department of the Navy	46,990.7	0.0	18,050.2	0.0	22,499.9	6,440.6
Other defense agencies	92,996.4	2,883.9	69,970.1	2,965.0	15,352.9	1,824.6
Department of Energy	452,646.9	14,622.4	401,105.2	36,919.3	0.0	0.0
Advanced Research Projects Agency—Energy	14,400.0	14,400.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	979.0	0.0	284.0	695.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	979.0	0.0	284.0	695.0	0.0	0.0
Office of Science	437,267.8	222.4	400,821.2	36,224.3	0.0	0.0
Department of Health and Human Services	31,640,780.9	0.0	17,203,733.6	0.0	11,414,980.3	3,022,067.0
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	191,714.6	0.0	53,491.7	0.0	59,634.6	78,588.2
Centers for Medicare and Medicaid Services	133,488.6	0.0	0.0	0.0	133,488.6	0.0
Food and Drug Administration	493,052.5	0.0	493,052.5	0.0	0.0	0.0
Health Resources and Services Administration	19,460.4	0.0	0.0	0.0	19,460.4	0.0
National Institutes of Health	30,630,491.2	0.0	16,657,189.3	0.0	11,031,089.1	2,942,212.7
Department of Homeland Security	9,090.5	0.0	8,213.5	877.1	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
Science and Technology Directorate	9,090.5	0.0	8,213.5	877.1	0.0	0.0
Department of the Interior	202,980.3	32,650.0	83,912.6	86,417.7	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	4,481.3	0.0	3,286.3	1,195.0	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	152,125.0	0.0	80,626.2	71,498.7	0.0	0.0
Department of Justice	7,766.6	0.0	6,066.5	0.0	0.0	1,700.0
Office of Justice Programs	7,766.6	0.0	6,066.5	0.0	0.0	1,700.0
Department of State	60,000.0	0.0	0.0	0.0	60,000.0	0.0
Department of Transportation	9,390.3	0.0	0.0	0.0	9,390.3	0.0
Federal Aviation Administration	9,390.3	0.0	0.0	0.0	9,390.3	0.0
Department of Veterans Affairs	1,185,002.5	0.0	0.0	0.0	1,185,002.5	0.0
Other agencies						
Agency for International Development	158,222.0	120,750.2	0.0	0.0	37,471.8	0.0
Environmental Protection Agency	159,914.7	576.2	110,535.8	44,964.7	237.6	3,600.4
National Aeronautics and Space Administration	143,695.6	0.0	0.0	0.0	0.0	143,695.6
National Science Foundation	695,582.0	0.0	532,387.7	163,194.3	0.0	0.0
Patient-Centered Outcomes Research Trust Fund	578,430.5	0.0	0.0	0.0	578,430.5	0.0
Smithsonian Institution	101,475.0	0.0	5,067.0	95,178.0	0.0	1,230.0

**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. 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.