

TABLE 47

Federal obligations for applied 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	19,423,110.3	810,912.7	9,124,634.1	433,990.3	7,385,577.2	1,667,996.0
Departments						
Department of Agriculture	1,070,191.7	633,383.3	157,544.3	267,073.8	12,002.7	187.5
Agricultural Marketing Service	3,855.3	3,855.3	0.0	0.0	0.0	0.0
Agricultural Research Service	474,921.7	368,947.0	33,084.8	64,463.6	8,426.3	0.0
Forest Service	129,330.1	12,885.5	6,190.9	110,066.2	0.0	187.5
National Institute of Food and Agriculture	459,284.7	244,895.6	118,268.7	92,544.0	3,576.5	0.0
Rural Business-Cooperative Service	2,800.0	2,800.0	0.0	0.0	0.0	0.0
Department of Commerce	69,995.9	8,153.0	31,956.0	14,061.6	4,983.0	10,842.3
National Institute of Standards and Technology	21,376.5	0.0	21,376.5	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	523,065.0	1,000.0	111,023.6	26,576.5	339,307.4	45,157.5
Defense Advanced Research Projects Agency	174,270.1	0.0	61,501.5	23,611.5	89,157.2	0.0
Department of the Air Force	43,599.9	0.0	4,350.9	0.0	25.1	39,224.0
Department of the Army	226,309.3	0.0	0.0	0.0	226,309.3	0.0
Department of the Navy	18,077.9	0.0	3,865.5	0.0	8,462.9	5,749.6
Other defense agencies	60,807.8	1,000.0	41,305.9	2,965.0	15,352.9	184.0
Department of Energy	17,327.4	14,400.0	2,927.3	0.0	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	71.0	0.0	71.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	71.0	0.0	71.0	0.0	0.0	0.0
Office of Science	2,856.3	0.0	2,856.3	0.0	0.0	0.0
Department of Health and Human Services	15,844,561.4	0.0	8,612,916.0	0.0	5,724,942.7	1,506,702.8
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	174,124.0	0.0	41,832.5	0.0	53,703.2	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	16,832.6	0.0	0.0	0.0	16,832.6	0.0
National Institutes of Health	14,854,490.1	0.0	8,078,030.9	0.0	5,349,610.7	1,426,848.5
Department of Homeland Security	9,090.5	0.0	8,213.5	877.1	0.0	0.0
Science and Technology Directorate	9,090.5	0.0	8,213.5	877.1	0.0	0.0
Department of the Interior	190,899.2	32,650.0	77,860.0	80,389.2	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
Bureau of Land Management	12,857.0	0.0	0.0	12,857.0	0.0	0.0
National Park Service	4,249.2	0.0	3,054.2	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	141,143.0	0.0	74,805.8	66,337.2	0.0	0.0
Department of Justice	7,486.6	0.0	6,066.5	0.0	0.0	1,420.1
Office of Justice Programs	7,486.6	0.0	6,066.5	0.0	0.0	1,420.1
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	618,811.2	0.0	0.0	0.0	618,811.2	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	100,085.4	0.0	0.0	0.0	0.0	100,085.4
National Science Foundation	5,638.5	0.0	5,591.0	47.4	0.0	0.0
Patient-Centered Outcomes Research Trust Fund	578,430.5	0.0	0.0	0.0	578,430.5	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. 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.