

TABLE 22

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

(Dollars in thousands)

Agency	Total	Atmospheric sciences	Geological sciences	Oceanography	Other environmental sciences
All agencies	5,074,704.0	824,246.9	239,143.0	819,217.6	3,192,096.6
Departments					
Department of Agriculture	18,163.1	14,439.3	116.3	0.0	3,607.5
Agricultural Research Service	5,117.8	5,001.5	116.3	0.0	0.0
Forest Service	7,931.8	4,324.3	0.0	0.0	3,607.5
National Institute of Food and Agriculture	5,113.6	5,113.6	0.0	0.0	0.0
Department of Commerce	445,967.5	195,366.6	649.5	226,014.5	23,937.0
National Institute of Standards and Technology	6,948.1	6,751.6	196.5	0.0	0.0
National Oceanic and Atmospheric Administration	439,019.5	188,615.0	453.0	226,014.5	23,937.0
Department of Defense	252,133.0	32,459.8	1,886.0	198,819.2	18,968.0
Defense Advanced Research Projects Agency	27,354.3	12,775.1	0.0	14,579.2	0.0
Department of the Air Force	21,533.7	16,299.8	73.7	0.0	5,160.1
Department of the Army	13,689.5	1,500.9	720.9	0.0	11,467.7
Department of the Navy	182,838.3	0.0	0.0	180,498.1	2,340.2
Other defense agencies	6,717.2	1,883.9	1,091.4	3,742.0	0.0
Department of Energy	546,258.8	207,323.7	4,905.3	0.0	334,029.7
Environmental Management	8,622.8	0.0	0.0	0.0	8,622.8
Fossil Energy	226,000.0	0.0	0.0	0.0	226,000.0
National Nuclear Security Administration	4,493.0	419.0	4,074.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	4,493.0	419.0	4,074.0	0.0	0.0
Office of Science	307,142.9	206,904.7	831.3	0.0	99,406.8
Department of Health and Human Services	481,880.2	0.0	0.0	0.0	481,880.2
Agency for Toxic Substances and Disease Registry	7,000.0	0.0	0.0	0.0	7,000.0
Centers for Disease Control and Prevention	132,738.1	0.0	0.0	0.0	132,738.1
National Institutes of Health	342,142.0	0.0	0.0	0.0	342,142.0
Department of Homeland Security	8,451.6	0.0	0.0	3,791.5	4,660.1
Science and Technology Directorate	7,650.9	0.0	0.0	3,791.5	3,859.4
U.S. Coast Guard	800.7	0.0	0.0	0.0	800.7
Department of the Interior	461,663.0	1,321.6	35,120.8	39,172.2	386,048.5
Bureau of Indian Affairs	5,000.0	0.0	0.0	0.0	5,000.0
Bureau of Ocean Energy Management	52,581.6	0.0	10,430.0	38,705.8	3,445.8
Bureau of Reclamation	8,257.0	0.0	0.0	0.0	8,257.0
Bureau of Safety and Environmental Enforcement	4,125.9	0.0	0.0	160.2	3,965.8
National Park Service	4,719.0	1,321.6	95.5	306.2	2,995.7
Office of Surface Mining Reclamation and Enforcement	327.5	0.0	0.0	0.0	327.5
U.S. Geological Survey	386,652.0	0.0	24,595.4	0.0	362,056.7
Department of Transportation	30,800.5	16,427.7	0.0	0.0	14,372.8
Federal Aviation Administration	16,427.7	16,427.7	0.0	0.0	0.0
National Highway Traffic Safety Administration	14,372.8	0.0	0.0	0.0	14,372.8
Other agencies					

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Agency for International Development	587.9	0.0	0.0	0.0	587.9
Consumer Product Safety Commission	817.0	0.0	0.0	0.0	817.0
Environmental Protection Agency	166,835.6	58,398.6	2,630.0	14,108.4	91,698.6
National Aeronautics and Space Administration	1,735,989.2	0.0	0.0	0.0	1,735,989.2
National Science Foundation	915,649.6	298,509.6	185,296.0	336,343.7	95,500.3
Smithsonian Institution	9,507.0	0.0	8,539.0	968.0	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.