

TABLE 34

**Federal obligations for basic 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	3,251,794.3	513,747.1	200,334.2	432,082.4	2,105,630.6
Departments					
Department of Agriculture	7,723.5	6,700.4	64.6	0.0	958.5
Agricultural Research Service	2,843.2	2,778.6	64.6	0.0	0.0
Forest Service	3,089.8	2,131.3	0.0	0.0	958.5
National Institute of Food and Agriculture	1,790.5	1,790.5	0.0	0.0	0.0
Department of Defense	105,751.2	3,935.9	1,877.6	91,006.4	8,931.3
Department of the Air Force	7,097.7	2,052.0	65.3	0.0	4,980.4
Department of the Army	4,671.8	0.0	720.9	0.0	3,950.9
Department of the Navy	87,759.4	0.0	0.0	87,759.4	0.0
Other defense agencies	6,222.2	1,883.9	1,091.4	3,247.0	0.0
Department of Energy	306,753.0	204,877.8	2,468.3	0.0	99,406.8
National Nuclear Security Administration	1,846.5	209.5	1,637.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	1,846.5	209.5	1,637.0	0.0	0.0
Office of Science	304,906.5	204,668.3	831.3	0.0	99,406.8
Department of Health and Human Services	213,778.9	0.0	0.0	0.0	213,778.9
Centers for Disease Control and Prevention	37,561.2	0.0	0.0	0.0	37,561.2
National Institutes of Health	176,217.6	0.0	0.0	0.0	176,217.6
Department of Homeland Security	7,650.9	0.0	0.0	3,791.5	3,859.4
Science and Technology Directorate	7,650.9	0.0	0.0	3,791.5	3,859.4
Department of the Interior	69,022.6	0.0	2,440.0	0.0	66,582.6
National Park Service	464.6	0.0	0.0	0.0	464.6
U.S. Geological Survey	68,558.0	0.0	2,440.0	0.0	66,118.0
Other agencies					
National Aeronautics and Space Administration	1,623,128.6	0.0	0.0	0.0	1,623,128.6
National Science Foundation	908,478.7	298,233.0	184,944.7	336,316.5	88,984.5
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.