

TABLE 61

**Federal obligations for research performed at universities and colleges in environmental sciences, by selected agency and detailed field: FY 2019**

(Dollars in thousands)

Agency	Total	Atmospheric sciences	Geological sciences	Oceanography	Other environmental sciences
All agencies surveyed	1,330,355.6	151,831.0	156,827.3	425,152.5	596,544.8
Departments					
Department of Agriculture	9,444.5	5,825.6	11.5	0.0	3,607.5
Agricultural Research Service	504.2	492.7	11.5	0.0	0.0
Forest Service	4,413.5	806.0	0.0	0.0	3,607.5
National Institute of Food and Agriculture	4,526.8	4,526.8	0.0	0.0	0.0
Department of Defense	115,850.6	4,526.3	966.9	104,454.3	5,903.0
Defense Advanced Research Projects Agency	2,677.2	0.0	0.0	2,677.2	0.0
Department of the Air Force	6,281.8	2,642.4	47.6	0.0	3,591.7
Department of the Army	905.6	0.0	717.4	0.0	188.1
Department of the Navy	101,392.8	0.0	0.0	99,269.6	2,123.2
Other defense agencies	4,593.3	1,883.9	201.8	2,507.6	0.0
Department of Energy	33,676.7	21,910.7	0.0	0.0	11,766.0
Environmental Management	4,644.5	0.0	0.0	0.0	4,644.5
Office of Science	29,032.2	21,910.7	0.0	0.0	7,121.5
Department of Health and Human Services	234,848.6	0.0	0.0	0.0	234,848.6
Centers for Disease Control and Prevention	39,531.8	0.0	0.0	0.0	39,531.8
National Institutes of Health	195,316.8	0.0	0.0	0.0	195,316.8
Other agencies					
National Aeronautics and Space Administration	251,658.7	0.0	0.0	0.0	251,658.7
National Science Foundation	684,876.5	119,568.3	155,848.9	320,698.2	88,761.0

**Note(s):**

Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of the survey: the Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; the National Aeronautics and Space Administration; and the National Science Foundation. Research obligations of these seven agencies represented more than 97% of total federal research obligations to universities and colleges in FY 2019. 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.