

TABLE 22

## Federal obligations for research in environmental sciences, by agency and detailed field: FY 2020

(Dollars in thousands)

Agency	Total	Atmospheric sciences	Geological sciences	Oceanography	Other environmental sciences
All agencies	5,039,457.8	908,063.5	306,030.2	946,188.4	2,879,175.7
Departments					
Department of Agriculture	17,878.8	13,683.4	128.1	0.0	4,067.3
Agricultural Research Service	5,637.2	5,509.1	128.1	0.0	0.0
Forest Service	7,144.3	3,077.0	0.0	0.0	4,067.3
National Institute of Food and Agriculture	5,097.4	5,097.4	0.0	0.0	0.0
Department of Commerce	484,136.8	216,602.8	961.0	251,546.3	15,026.6
National Institute of Standards and Technology	8,966.7	8,471.7	495.0	0.0	0.0
National Oceanic and Atmospheric Administration	475,170.1	208,131.1	466.0	251,546.3	15,026.6
Department of Defense	386,015.7	65,174.6	2,182.0	263,267.0	55,392.1
Defense Advanced Research Projects Agency	58,543.9	12,830.6	0.0	13,905.9	31,807.4
Defense Health Agency	823.0	0.0	0.0	0.0	823.0
Department of the Air Force	5,104.6	3,525.6	13.1	0.0	1,565.9
Department of the Army	13,480.1	1,420.0	763.6	0.0	11,296.5
Department of the Navy	299,125.3	45,102.8	0.0	245,087.8	8,934.6
Other defense agencies	8,938.8	2,295.6	1,405.3	4,273.3	964.7
Department of Energy	436,246.8	252,981.4	26,735.9	955.6	155,574.0
Advanced Research Projects Agency—Energy	955.6	0.0	0.0	955.6	0.0
Environmental Management	7,319.2	0.0	0.0	0.0	7,319.2
Fossil Energy	61,135.0	0.0	0.0	0.0	61,135.0
National Nuclear Security Administration	7,073.0	600.0	4,933.0	0.0	1,540.0
Office of Defense Nuclear Nonproliferation	7,073.0	600.0	4,933.0	0.0	1,540.0
Office of Science	359,764.0	252,381.4	21,802.9	0.0	85,579.8
Department of Health and Human Services	546,810.8	0.0	0.0	0.0	546,810.8
Agency for Toxic Substances and Disease Registry	9,602.3	0.0	0.0	0.0	9,602.3
Centers for Disease Control and Prevention	134,534.9	0.0	0.0	0.0	134,534.9
National Institutes of Health	402,673.7	0.0	0.0	0.0	402,673.7
Department of Homeland Security	7,902.0	0.0	0.0	4,451.4	3,450.6
Science and Technology Directorate	7,699.0	0.0	0.0	4,451.4	3,247.6
U.S. Coast Guard	203.1	0.0	0.0	0.0	203.1
Department of the Interior	460,506.0	1,786.9	39,091.5	29,731.8	389,895.8
Bureau of Indian Affairs	*	0.0	0.0	0.0	*
Bureau of Ocean Energy Management	47,686.9	452.1	9,136.7	29,391.6	8,706.5
Bureau of Reclamation	9,573.6	0.0	0.0	0.0	9,573.6
Bureau of Safety and Environmental Enforcement	2,169.4	0.0	0.0	30.9	2,138.5
National Park Service	4,766.2	1,334.8	96.4	309.3	3,025.7
Office of Surface Mining Reclamation and Enforcement	562.0	0.0	0.0	0.0	562.0
U.S. Geological Survey	395,748.0	0.0	29,858.3	0.0	365,889.6
Department of Justice	871.4	0.0	871.4	0.0	0.0
Office of Justice Programs	871.4	0.0	871.4	0.0	0.0
Department of Transportation	34,727.1	21,759.3	0.0	0.0	12,967.8

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(Dollars in thousands)

Agency	Total	Atmospheric sciences	Geological sciences	Oceanography	Other environmental sciences
Federal Aviation Administration	21,759.3	21,759.3	0.0	0.0	0.0
National Highway Traffic Safety Administration	12,967.8	0.0	0.0	0.0	12,967.8
Other agencies					
Consumer Product Safety Commission	365.7	0.0	0.0	0.0	365.7
Environmental Protection Agency	169,788.1	59,432.0	2,676.5	14,358.1	93,321.4
National Aeronautics and Space Administration	1,512,537.2	0.0	0.0	0.0	1,512,537.2
National Science Foundation	950,623.6	276,643.2	212,301.8	381,132.5	80,546.1
RESTORE Act Centers of Excellence Research Grants Program	9,220.3	0.0	0.0	0.0	9,220.3
Smithsonian Institution	21,827.6	0.0	21,082.0	745.6	0.0

\* = amount greater than \$0 but less than \$50.

**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. FYs 2020 obligations include additional funding provided by supplemental COVID-19 related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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 2020–21.