

TABLE 68. Federal obligations for basic research performed at universities and colleges in environmental and physical sciences, by selected agency and detailed field: FY 2010

(Dollars in thousands)

Agency	Environmental sciences					Physical sciences				
	Total	Atmospheric sciences	Geological sciences	Oceanography	Environmental sciences, nec	Total	Astronomy	Chemistry	Physics	Physical sciences, nec
All agencies surveyed	935,683.4	233,677.2	186,041.5	322,433.9	193,530.7	1,767,230.0	168,992.3	530,393.4	853,731.8	214,112.4
Departments										
Department of Agriculture	5,390.7	4,134.9	4.7	0.0	1,251.2	8,936.1	0.0	8,791.7	144.4	0.0
Agricultural Research Service	205.0	200.3	4.7	0.0	0.0	3,102.4	0.0	2,958.0	144.4	0.0
Forest Service	1,962.7	711.5	0.0	0.0	1,251.2	27.7	0.0	27.7	0.0	0.0
National Institute of Food and Agriculture	3,223.0	3,223.0	0.0	0.0	0.0	5,806.0	0.0	5,806.0	0.0	0.0
Department of Defense	98,070.2	10,650.7	5,749.6	79,010.9	2,659.0	216,423.0	0.0	76,811.6	109,859.2	29,752.3
Defense agencies and activities	4,006.6	3,192.1	605.0	209.5	0.0	72,266.3	0.0	23,115.5	37,273.2	11,877.6
Chemical and Biological Defense	0.0	0.0	0.0	0.0	0.0	27,351.2	0.0	18,112.9	0.0	9,238.3
Defense Advanced Research Projects Agency	3,192.1	3,192.1	0.0	0.0	0.0	7,356.8	0.0	2,214.1	2,503.4	2,639.3
Defense Threat Reduction Agency	0.0	0.0	0.0	0.0	0.0	31,683.1	0.0	0.0	31,683.1	0.0
Office of the Secretary of Defense	814.5	0.0	605.0	209.5	0.0	5,875.2	0.0	2,788.5	3,086.7	0.0
Department of the Air Force	5,386.2	1,438.8	1,925.6	2,021.9	0.0	76,554.2	0.0	21,318.7	45,913.1	9,322.4
Department of the Army	5,435.9	957.8	3,122.6	0.0	1,355.5	34,856.2	0.0	16,020.4	15,794.4	3,041.4
Department of the Navy	83,241.5	5,062.0	96.4	76,779.6	1,303.5	32,746.2	0.0	16,356.9	10,878.4	5,510.9
Department of Energy	69,997.5	46,010.0	11,304.8	0.0	12,682.8	523,645.2	0.0	101,087.5	421,607.7	950.1
Energy Efficiency and Renewable Energy	0.0	0.0	0.0	0.0	0.0	1,628.0	0.0	1,628.0	0.0	0.0
Fossil Energy	0.0	0.0	0.0	0.0	0.0	4,847.9	0.0	4,847.9	0.0	0.0
National Nuclear Security Administration	205.6	205.6	0.0	0.0	0.0	2,427.7	0.0	0.0	1,477.6	950.1
Nonproliferation and Verification	205.6	205.6	0.0	0.0	0.0	2,427.7	0.0	0.0	1,477.6	950.1
Office of Science	69,791.9	45,804.4	11,304.8	0.0	12,682.8	514,741.6	0.0	94,611.5	420,130.1	0.0
Department of Health and Human Services	144,659.7	0.0	0.0	0.0	144,659.7	103,302.1	0.0	98,190.5	0.0	5,111.7
Ctrs. for Disease Control and Prevention	5,648.3	0.0	0.0	0.0	5,648.3	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	139,011.3	0.0	0.0	0.0	139,011.3	103,302.1	0.0	98,190.5	0.0	5,111.7
Department of Homeland Security	0.0	0.0	0.0	0.0	0.0	3,372.7	0.0	0.0	0.0	3,372.7
Science and Technology Directorate	0.0	0.0	0.0	0.0	0.0	3,372.7	0.0	0.0	0.0	3,372.7
Other agencies										
National Aeronautics and Space Administration	84,636.6	51,852.5	21,038.9	5,007.0	6,738.2	117,300.7	72,794.0	5,277.8	33,953.7	5,275.2
National Science Foundation	532,928.7	121,029.2	147,943.5	238,416.0	25,539.9	794,250.1	96,198.3	240,234.3	288,166.8	169,650.6

nec = not elsewhere classified.

NOTES: Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; National Aeronautics and Space Administration; and National Science Foundation. Basic research obligations of these seven agencies represented over 99% of total federal basic research obligations to universities and colleges in FY 2010. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FYs 2010–12.