

TABLE 45. Federal obligations for applied research in environmental and physical sciences, by 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	1,551,492.2	356,902.5	197,735.4	272,087.4	724,766.9	1,886,676.1	55,668.6	482,902.8	1,093,042.6	255,062.1
Departments										
Department of Agriculture	12,096.3	9,232.7	47.1	0.0	2,816.5	96,672.0	0.0	95,210.9	1,461.1	0.0
Agricultural Research Service	2,073.8	2,026.7	47.1	0.0	0.0	31,389.5	0.0	29,928.5	1,461.1	0.0
Forest Service	4,266.5	1,450.0	0.0	0.0	2,816.5	56,058.5	0.0	56,058.5	0.0	0.0
National Institute of Food and Agriculture	5,756.0	5,756.0	0.0	0.0	0.0	9,224.0	0.0	9,224.0	0.0	0.0
Department of Commerce	348,424.8	151,613.2	405.9	132,487.0	63,918.7	123,120.0	0.0	32,584.1	89,877.6	658.4
National Institute of Standards and Technology	1,225.8	815.2	135.9	0.0	274.7	107,745.0	0.0	31,401.1	75,685.6	658.4
National Oceanic and Atmospheric Administration	347,199.0	150,798.0	270.0	132,487.0	63,644.0	15,375.0	0.0	1,183.0	14,192.0	0.0
Department of Defense	171,974.8	32,110.2	2,602.4	92,093.8	45,168.3	598,395.1	9,759.1	129,645.0	330,099.2	128,891.8
Defense agencies and activities	34,782.0	15,659.0	0.0	19,122.9	0.0	249,101.7	0.0	92,099.2	93,919.9	63,082.6
Chemical and Biological Defense	1,911.7	1,911.7	0.0	0.0	0.0	90,945.5	0.0	73,373.3	0.0	17,572.2
Defense Advanced Research Projects Agency	26,865.6	10,745.0	0.0	16,120.6	0.0	76,811.9	0.0	15,723.6	15,578.0	45,510.4
Defense Threat Reduction Agency	0.0	0.0	0.0	0.0	0.0	75,339.7	0.0	0.0	75,339.7	0.0
Office of the Secretary of Defense	6,004.6	3,002.3	0.0	3,002.3	0.0	6,004.6	0.0	3,002.3	3,002.3	0.0
Department of the Air Force	25,668.9	2,395.0	2,602.4	0.0	20,671.5	207,756.2	9,759.1	13,256.6	175,656.0	9,084.5
Department of the Army	25,081.4	8,764.0	0.0	0.0	16,317.4	136,726.0	0.0	24,289.2	60,523.3	51,913.4
Department of the Navy	86,442.5	5,292.1	0.0	72,970.9	8,179.5	4,811.2	0.0	0.0	0.0	4,811.2
Department of Energy	102,089.6	2,342.5	7,811.1	0.0	91,936.0	787,333.6	0.0	78,036.6	648,159.7	61,137.3
Environmental Management	30,785.9	0.0	0.0	0.0	30,785.9	0.0	0.0	0.0	0.0	0.0
Fossil Energy	60,725.1	0.0	0.0	0.0	60,725.1	50,632.1	0.0	50,632.1	0.0	0.0
National Nuclear Security Administration	10,578.6	2,342.5	7,811.1	0.0	425.0	736,701.5	0.0	27,404.5	648,159.7	61,137.3
Defense Programs	0.0	0.0	0.0	0.0	0.0	646,394.5	0.0	0.0	617,905.1	28,489.5
Nonproliferation and Verification	10,578.6	2,342.5	7,811.1	0.0	425.0	90,307.0	0.0	27,404.5	30,254.6	32,647.9
Department of Health and Human Services	278,567.5	0.0	0.0	0.0	278,567.5	116,552.2	0.0	111,500.8	429.8	4,621.6
Agency for Healthcare Research and Quality	0.0	0.0	0.0	0.0	0.0	429.8	0.0	0.0	429.8	0.0
Agency for Toxic Substances and Disease Registry	2,780.5	0.0	0.0	0.0	2,780.5	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	94,537.1	0.0	0.0	0.0	94,537.1	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	181,249.9	0.0	0.0	0.0	181,249.9	116,122.4	0.0	111,500.8	0.0	4,621.6
Department of Homeland Security	1,210.0	0.0	0.0	0.0	1,210.0	44,225.7	0.0	23,243.2	3,794.2	17,188.3
Science and Technology Directorate	0.0	0.0	0.0	0.0	0.0	44,225.7	0.0	23,243.2	3,794.2	17,188.3
U.S. Coast Guard	1,210.0	0.0	0.0	0.0	1,210.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	12.7	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0
Department of the Interior	330,322.8	1,737.5	176,715.1	11,037.0	140,833.3	32,682.3	0.0	16.9	0.0	32,665.4
Bureau of Ocean Energy Management, Regulation and Enforcement	14,744.1	833.5	774.4	10,713.6	2,422.6	0.0	0.0	0.0	0.0	0.0
National Park Service	4,113.7	904.0	47.7	323.4	2,838.6	407.3	0.0	16.9	0.0	390.4
U.S. Geological Survey	311,465.0	0.0	175,893.0	0.0	135,572.0	32,275.0	0.0	0.0	0.0	32,275.0

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Agency	Environmental sciences					Physical sciences				
	Total	Atmospheric sciences	Geological sciences	Oceanography	Environmental sciences, nec	Total	Astronomy	Chemistry	Physics	Physical sciences, nec
Department of Justice	0.0	0.0	0.0	0.0	0.0	655.0	0.0	400.0	0.0	255.0
Office of Justice Programs	0.0	0.0	0.0	0.0	0.0	655.0	0.0	400.0	0.0	255.0
Department of Transportation	31,934.5	27,754.0	0.0	1,672.2	2,508.3	0.0	0.0	0.0	0.0	0.0
Federal Aviation Administration	27,393.5	27,393.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Highway Administration	4,541.0	360.6	0.0	1,672.2	2,508.3	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	0.0	0.0	0.0	0.0	0.0	949.7	0.0	44.3	0.0	905.4
Bureau of Engraving and Printing	0.0	0.0	0.0	0.0	0.0	949.7	0.0	44.3	0.0	905.4
Other agencies										
Agency for International Development	200.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	163,997.0	57,402.4	2,585.1	13,867.8	90,141.7	9,500.6	0.0	8,377.7	0.0	1,123.0
Federal Communications Commission	0.0	0.0	0.0	0.0	0.0	780.0	0.0	0.0	780.0	0.0
Library of Congress	0.0	0.0	0.0	0.0	0.0	719.6	0.0	719.6	0.0	0.0
National Aeronautics and Space Administration	106,824.7	73,686.6	7,241.4	19,726.7	6,170.0	67,511.6	45,546.9	2,300.6	16,551.5	3,112.5
National Archives and Records Administration	50.0	0.0	0.0	0.0	50.0	70.0	0.0	50.0	20.0	0.0
National Science Foundation	3,787.7	1,023.5	327.2	1,202.9	1,234.0	7,508.6	362.6	773.1	1,869.5	4,503.5

nec = not elsewhere classified.

NOTES: 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 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.