

TABLE 45. Federal obligations for applied research in environmental and physical sciences, by agency and detailed field: FY 2003

(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	1,841,372	591,345	263,140	403,883	583,004	1,567,620	175,756	389,348	679,599	322,917
Departments										
Department of Agriculture	9,974	8,825	1,149	0	0	39,903	0	37,395	2,508	0
Agricultural Research Service	1,682	1,644	38	0	0	25,462	0	24,277	1,185	0
Cooperative State Research, Education, and Extension Service	3,585	3,585	0	0	0	9,556	0	9,556	0	0
Forest Service	4,707	3,596	1,111	0	0	4,885	0	3,562	1,323	0
Department of Commerce	465,580	161,158	40,068	201,126	63,228	84,873	0	27,597	55,988	1,288
National Institute of Standards and Technology	2,033	0	652	1,381	0	65,151	0	21,903	41,960	1,288
National Oceanic and Atmospheric Administration	463,547	161,158	39,416	199,745	63,228	19,722	0	5,694	14,028	0
Department of Defense	194,812	31,170	19,556	96,987	47,099	326,902	0	70,736	142,598	113,568
Defense agencies	9,454	1,264	0	6,726	1,464	85,931	0	25,955	4,920	55,056
Chemical and Biological Defense	0	0	0	0	0	16,955	0	16,955	0	0
Defense Advanced Research Projects Agency	5,462	0	0	5,462	0	17,772	0	7,736	3,406	6,630
Defense Threat Reduction Agency	0	0	0	0	0	48,426	0	0	0	48,426
Washington Headquarters Services	3,992	1,264	0	1,264	1,464	2,778	0	1,264	1,514	0
Department of the Air Force	31,599	11,573	17,013	0	3,013	131,551	0	24,446	106,678	427
Materiel Command	31,599	11,573	17,013	0	3,013	131,551	0	24,446	106,678	427
Department of the Army	42,437	10,060	2,543	0	29,834	101,898	0	20,335	31,000	50,563
Civil Functions	9,928	0	1,878	0	8,050	0	0	0	0	0
Military Functions	32,509	10,060	665	0	21,784	101,898	0	20,335	31,000	50,563
Department of the Navy	111,322	8,273	0	90,261	12,788	7,522	0	0	0	7,522
Department of Energy	67,392	11,523	7,705	0	48,164	612,933	0	52,653	411,672	148,608
Civilian Radioactive Waste Management	0	0	0	0	0	65,641	0	0	0	65,641
Environmental Management	20,834	0	0	0	20,834	0	0	0	0	0
Fossil Energy	21,790	0	0	0	21,790	28,522	0	28,522	0	0
National Nuclear Security Administration	24,768	11,523	7,705	0	5,540	518,770	0	24,131	411,672	82,967
Defense Programs	0	0	0	0	0	461,191	0	0	393,234	67,957
Nonproliferation and Verification	24,768	11,523	7,705	0	5,540	57,579	0	24,131	18,438	15,010
Department of Health and Human Services	195,461	0	501	0	194,960	208,638	0	181,145	0	27,493
Agency for Healthcare Research and Quality	0	0	0	0	0	280	0	280	0	0
Agency for Toxic Substances and Disease Registry	501	0	501	0	0	0	0	0	0	0
National Institutes of Health	194,960	0	0	0	194,960	208,358	0	180,865	0	27,493
Department of Housing and Urban Development	513	0	0	0	513	0	0	0	0	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 the Interior	306,761	813	163,374	13,661	128,913	1,970	0	123	0	1,847
Geological Survey	288,727	0	162,182	0	126,545	180	0	0	0	180
Minerals Management Service	16,269	661	798	13,661	1,149	0	0	0	0	0
National Park Service ^a	1,765	152	394	0	1,219	1,790	0	123	0	1,667
Department of Transportation	32,681	32,274	0	0	407	383	0	0	383	0
Federal Aviation Administration	30,391	30,391	0	0	0	0	0	0	0	0
Federal Highway Administration	2,265	1,883	0	0	382	0	0	0	0	0
Federal Motor Carrier Safety Administration	0	0	0	0	0	383	0	0	383	0
Research and Special Programs Administration	25	0	0	0	25	0	0	0	0	0
Department of the Treasury	0	0	0	0	0	4,074	0	73	0	4,001
Bureau of Engraving and Printing	0	0	0	0	0	4,074	0	73	0	4,001
Other agencies										
Agency for International Development	4,704	0	0	0	4,704	0	0	0	0	0
Environmental Protection Agency	155,346	64,388	3,100	16,378	71,480	9,188	0	8,627	0	561
Federal Communications Commission	0	0	0	0	0	630	0	0	630	0
Library of Congress	0	0	0	0	0	219	0	219	0	0
National Aeronautics and Space Administration	407,491	281,083	27,623	75,249	23,536	257,528	173,742	8,776	63,137	11,873
National Archives and Records Administration	0	0	0	0	0	120	0	70	50	0
National Science Foundation	657	111	64	482	0	20,259	2,014	1,934	2,633	13,678

nec = not elsewhere classified.

^a Obligations for FY 2003–05 are for National Park Service's (NPS) natural resources program only; data for NPS cultural resources program were not available for this survey cycle.

NOTES: Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.