

TABLE 23. Federal obligations for research in environmental and physical sciences, by agency and detailed field: FY 2009

(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	3,751,416	1,018,224	754,192	834,239	1,144,761	5,823,381	671,605	1,274,392	3,357,797	519,587
Departments										
Department of Agriculture	19,339	17,217	103	0	2,020	105,838	0	102,654	3,184	0
Agricultural Research Service	4,519	4,417	103	0	0	68,406	0	65,222	3,184	0
Forest Service	7,859	5,839	0	0	2,020	14,272	0	14,272	0	0
National Institute of Food and Agriculture	6,961	6,961	0	0	0	23,160	0	23,160	0	0
Department of Commerce	316,256	144,906	718	132,100	38,533	204,357	205	37,880	164,892	1,380
National Institute of Standards and Technology	3,908	534	117	0	3,258	187,455	205	36,580	149,290	1,380
National Oceanic and Atmospheric Administration	312,348	144,372	601	132,100	35,275	16,902	0	1,300	15,602	0
Department of Defense	390,476	63,989	25,805	259,393	41,290	832,854	8,828	245,854	412,160	166,012
Defense agencies and activities	31,025	14,934	558	15,459	74	308,997	87	114,729	106,588	87,592
Chemical and Biological Defense	1,635	1,613	22	0	0	121,562	0	86,096	0	35,465
Defense Advanced Research Projects Agency	27,134	12,833	0	14,301	0	87,075	0	24,223	10,748	52,104
Defense Threat Reduction Agency	0	0	0	0	0	91,439	0	0	91,439	0
Office of the Secretary of Defense	2,256	487	536	1,159	74	8,921	87	4,410	4,401	23
Department of the Air Force	36,644	15,153	21,491	0	0	247,175	8,741	41,112	195,095	2,227
Department of the Army	45,565	13,904	3,756	0	27,905	192,831	0	52,907	84,781	55,142
Department of the Navy	277,242	19,998	0	243,934	13,310	83,852	0	37,106	25,696	21,050
Department of Energy	373,426	155,490	89,700	0	128,236	2,612,466	0	257,443	2,287,125	67,897
Energy Efficiency and Renewable Energy	0	0	0	0	0	1,755	0	1,755	0	0
Environmental Management	10,860	0	0	0	10,860	0	0	0	0	0
Fossil Energy	68,197	0	50,000	0	18,197	34,493	0	34,493	0	0
National Nuclear Security Administration	23,648	4,579	18,669	0	400	723,812	0	37,056	618,859	67,897
Defense Programs	0	0	0	0	0	622,544	0	0	594,009	28,535
Nonproliferation and Verification	23,648	4,579	18,669	0	400	101,268	0	37,056	24,850	39,362
Office of Science	270,721	150,911	21,031	0	98,779	1,852,405	0	184,139	1,668,266	0
Department of Health and Human Services	544,843	0	0	0	544,843	296,785	0	285,632	0	11,154
Agency for Toxic Substances and Disease Registry	4,529	0	0	0	4,529	0	0	0	0	0
Ctrs. for Disease Control and Prevention	96,780	0	0	0	96,780	0	0	0	0	0
National Institutes of Health	443,534	0	0	0	443,534	296,785	0	285,632	0	11,154
Department of Homeland Security	4,249	3,531	0	0	718	42,679	0	22,691	5,290	14,698
Science and Technology Directorate	3,531	3,531	0	0	0	42,679	0	22,691	5,290	14,698
U.S. Coast Guard	718	0	0	0	718	0	0	0	0	0
Department of the Interior	421,941	1,345	262,567	8,779	149,250	1,647	0	162	0	1,485
Minerals Management Service	14,092	76	615	8,712	4,688	0	0	0	0	0
National Park Service	6,175	1,269	1,177	67	3,663	794	0	162	0	632
U.S. Geological Survey	401,674	0	260,775	0	140,899	853	0	0	0	853
Department of Justice	0	0	0	0	0	3,053	0	3,053	0	0
Office of Justice Programs	0	0	0	0	0	3,053	0	3,053	0	0

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(Dollars in thousands)

Agency	Environmental sciences				Physical sciences					
	Total	Atmospheric sciences	Geological sciences	Oceanography	Environmental sciences, nec	Total	Astronomy	Chemistry	Physics	Physical sciences, nec
Department of Transportation	34,573	27,759	0	2,726	4,088	95	0	0	0	95
Federal Aviation Administration	27,398	27,398	0	0	0	0	0	0	0	0
Federal Highway Administration	7,175	361	0	2,726	4,088	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	0	0	0	0	0	95	0	0	0	95
Department of the Treasury	0	0	0	0	0	2,134	0	5	0	2,129
Bureau of Engraving and Printing	0	0	0	0	0	2,134	0	5	0	2,129
Other agencies										
Agency for International Development	3,212	0	0	0	3,212	0	0	0	0	0
Environmental Protection Agency	162,648	57,446	3,355	20,732	81,115	12,901	0	11,277	0	1,624
Federal Communications Commission	0	0	0	0	0	1,050	0	0	1,050	0
Library of Congress	0	0	0	0	0	483	0	483	0	0
National Aeronautics and Space Administration	395,168	250,200	79,245	36,557	29,165	468,501	294,330	20,355	132,672	21,144
National Archives and Records Administration	50	0	0	0	50	70	0	50	20	0
National Science Foundation	1,078,815	296,190	286,851	373,533	122,241	1,181,285	315,184	285,629	348,502	231,970
Smithsonian Institution	6,419	152	5,848	419	0	57,182	53,059	1,222	2,901	0

nec = not elsewhere classified.

NOTES: 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: FY 2009–11.