

TABLE 34. Federal obligations for basic 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	2,142,906	650,453	429,728	549,218	513,508	4,121,846	617,727	835,708	2,370,858	297,553
Departments										
Department of Agriculture	8,410	8,133	57	0	220	55,017	0	53,249	1,769	0
Agricultural Research Service	2,511	2,454	57	0	0	38,003	0	36,235	1,769	0
Forest Service	3,371	3,151	0	0	220	8,604	0	8,604	0	0
National Institute of Food and Agriculture	2,528	2,528	0	0	0	8,410	0	8,410	0	0
Department of Commerce	937	0	0	0	937	100,426	205	13,930	85,283	1,008
National Institute of Standards and Technology	937	0	0	0	937	100,426	205	13,930	85,283	1,008
Department of Defense	189,441	16,968	4,314	156,999	11,161	299,926	87	116,072	147,135	36,632
Defense agencies and activities	3,010	1,452	558	927	74	75,244	87	24,281	39,927	10,948
Chemical and Biological Defense	22	0	22	0	0	28,227	0	17,301	0	10,925
Defense Advanced Research Projects Agency	1,197	1,197	0	0	0	10,344	0	2,802	7,542	0
Defense Threat Reduction Agency	0	0	0	0	0	28,216	0	0	28,216	0
Office of the Secretary of Defense	1,792	255	536	927	74	8,457	87	4,178	4,169	23
Department of the Air Force	0	0	0	0	0	78,019	0	30,586	45,206	2,227
Department of the Army	18,972	4,130	3,756	0	11,087	70,641	0	24,099	36,306	10,236
Department of the Navy	167,459	11,386	0	156,073	0	76,022	0	37,106	25,696	13,220
Department of Energy	278,815	153,168	26,869	0	98,779	1,863,041	0	191,593	1,670,813	635
Energy Efficiency and Renewable Energy	0	0	0	0	0	1,755	0	1,755	0	0
Fossil Energy	0	0	0	0	0	4,359	0	4,359	0	0
National Nuclear Security Administration	8,095	2,256	5,838	0	0	4,522	0	1,340	2,547	635
Nonproliferation and Verification	8,095	2,256	5,838	0	0	4,522	0	1,340	2,547	635
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	252,978	0	0	0	252,978	160,558	0	154,524	0	6,034
Ctrs. for Disease Control and Prevention	13,031	0	0	0	13,031	0	0	0	0	0
National Institutes of Health	239,947	0	0	0	239,947	160,558	0	154,524	0	6,034
Department of Homeland Security	0	0	0	0	0	4,824	0	0	0	4,824
Science and Technology Directorate	0	0	0	0	0	4,824	0	0	0	4,824
Department of the Interior	35,477	0	34,323	0	1,154	16	0	0	0	16
U.S. Geological Survey	35,477	0	34,323	0	1,154	16	0	0	0	16
Department of the Treasury	0	0	0	0	0	287	0	2	0	284
Bureau of Engraving and Printing	0	0	0	0	0	287	0	2	0	284
Other agencies										
Environmental Protection Agency	12,347	0	768	6,854	4,724	3,393	0	2,893	0	500

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National Aeronautics and Space Administration	290,154	177,762	72,126	17,165	23,100	402,134	249,555	18,094	116,401	18,084
National Science Foundation	1,067,928	294,270	285,423	367,780	120,455	1,175,043	314,822	284,130	346,556	229,535
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.