

TABLE 23. Federal obligations for research in environmental and physical sciences, by agency and detailed field: FY 2008

(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	2,984,595	884,492	517,495	788,687	793,921	5,072,580	527,879	1,148,393	2,968,933	427,375
Departments										
Department of Agriculture	19,674	13,805	101	0	5,768	93,260	0	90,128	3,132	0
Agricultural Research Service	4,445	4,344	101	0	0	67,290	0	64,158	3,132	0
Forest Service	8,185	2,417	0	0	5,768	9,254	0	9,254	0	0
National Institute of Food and Agriculture	7,044	7,044	0	0	0	16,716	0	16,716	0	0
Department of Commerce	399,135	171,356	2,100	195,390	30,289	187,175	241	36,764	148,623	1,547
National Institute of Standards and Technology	635	429	128	0	78	170,568	241	34,971	133,809	1,547
National Oceanic and Atmospheric Administration	398,500	170,927	1,972	195,390	30,211	16,607	0	1,793	14,814	0
Department of Defense	368,803	53,127	24,967	270,872	19,837	829,790	9,371	248,240	399,009	173,170
Defense agencies and activities	23,226	6,044	1,284	14,281	1,617	347,647	0	145,394	101,370	100,883
Chemical and Biological Defense	2,257	1,753	504	0	0	160,532	0	110,049	0	50,483
Defense Advanced Research Projects Agency	15,166	2,421	0	12,171	574	86,765	0	27,810	12,281	46,674
Defense Threat Reduction Agency	0	0	0	0	0	83,604	0	0	83,604	0
Office of the Secretary of Defense	5,803	1,870	780	2,110	1,043	16,746	0	7,535	5,485	3,726
Department of the Air Force	32,479	13,444	19,035	0	0	227,422	9,371	21,486	195,585	980
Department of the Army	22,878	13,748	4,648	0	4,482	173,183	0	45,506	77,225	50,452
Department of the Navy	290,220	19,891	0	256,591	13,738	81,538	0	35,854	24,829	20,855
Department of Energy	286,602	134,046	41,435	476	110,645	2,334,177	0	252,249	2,020,642	61,286
Bonneville Power Administration	6,060	0	0	0	6,060	0	0	0	0	0
Energy Efficiency and Renewable Energy	0	0	0	0	0	9,368	0	9,368	0	0
Environmental Management	2,325	0	0	0	2,325	0	0	0	0	0
Fossil Energy	16,982	0	0	0	16,982	32,124	0	32,124	0	0
National Nuclear Security Administration	27,842	2,807	21,784	476	2,775	727,979	0	41,856	624,837	61,286
Defense Programs	0	0	0	0	0	630,786	0	0	600,504	30,282
Nonproliferation and Verification	27,842	2,807	21,784	476	2,775	97,193	0	41,856	24,333	31,004
Office of Science	233,393	131,239	19,651	0	82,503	1,564,706	0	168,901	1,395,805	0
Department of Health and Human Services	311,028	0	0	0	311,028	289,463	0	276,141	0	13,322
Agency for Toxic Substances and Disease Registry	4,252	0	0	0	4,252	0	0	0	0	0
Centers for Disease Control and Prevention	19,823	0	0	0	19,823	0	0	0	0	0
National Institutes of Health	286,953	0	0	0	286,953	289,463	0	276,141	0	13,322
Department of Homeland Security	682	0	0	0	682	61,582	0	25,907	35,103	572
Science and Technology Directorate	0	0	0	0	0	61,582	0	25,907	35,103	572
U.S. Coast Guard	682	0	0	0	682	0	0	0	0	0
Department of the Interior	353,109	1,632	200,920	14,915	135,642	1,339	0	133	0	1,206
Minerals Management Service	18,026	871	521	12,644	3,990	0	0	0	0	0
National Park Service	3,250	761	295	0	2,194	222	0	133	0	89
U.S. Geological Survey	331,833	0	200,104	2,271	129,458	1,117	0	0	0	1,117

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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	1,973	0	0	0	1,973
Office of Justice Programs	0	0	0	0	0	1,973	0	0	0	1,973
Department of Transportation	42,615	29,552	0	3,912	9,151	319	0	0	319	0
Federal Aviation Administration	28,898	28,898	0	0	0	0	0	0	0	0
Federal Highway Administration	13,717	654	0	3,912	9,151	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	0	0	0	0	0	319	0	0	319	0
Department of the Treasury	0	0	0	0	0	4,944	0	0	0	4,944
Bureau of Engraving and Printing	0	0	0	0	0	4,944	0	0	0	4,944
Other agencies										
Agency for International Development	8,795	0	0	0	8,795	0	0	0	0	0
Environmental Protection Agency	164,696	53,634	3,136	19,389	88,537	12,061	0	10,542	0	1,519
Federal Communications Commission	0	0	0	0	0	1,050	0	0	1,050	0
Library of Congress	0	0	0	0	0	463	0	463	0	0
National Aeronautics and Space Administration	330,104	208,548	67,267	29,796	24,493	395,823	248,434	17,245	112,284	17,860
National Archives and Records Administration	50	0	0	0	50	70	0	50	20	0
National Science Foundation	693,193	218,651	171,999	253,539	49,004	805,900	220,958	189,403	245,563	149,976
Smithsonian Institution	6,109	141	5,570	398	0	53,191	48,875	1,128	3,188	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 2008–10.