

TABLE 45. Federal obligations for applied 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	1,391,539	361,257	214,525	355,110	460,647	1,669,459	45,351	422,566	982,379	219,163
Departments										
Department of Agriculture	13,024	7,543	46	0	5,435	44,942	0	43,515	1,427	0
Agricultural Research Service	2,025	1,979	46	0	0	30,655	0	29,228	1,427	0
Forest Service	6,504	1,069	0	0	5,435	3,619	0	3,619	0	0
National Institute of Food and Agriculture	4,495	4,495	0	0	0	10,668	0	10,668	0	0
Department of Commerce	399,135	171,356	2,100	195,390	30,289	92,580	0	21,450	70,774	356
National Institute of Standards and Technology	635	429	128	0	78	75,973	0	19,657	55,960	356
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	186,289	38,305	19,668	111,016	17,300	561,950	9,371	148,772	268,138	135,669
Defense agencies and activities	20,659	6,044	0	14,041	574	279,724	0	114,829	78,850	86,045
Chemical and Biological Defense	1,753	1,753	0	0	0	125,507	0	86,136	0	39,371
Defense Advanced Research Projects Agency	15,166	2,421	0	12,171	574	75,645	0	23,859	5,112	46,674
Defense Threat Reduction Agency	0	0	0	0	0	71,868	0	0	71,868	0
Office of the Secretary of Defense	3,740	1,870	0	1,870	0	6,704	0	4,834	1,870	0
Department of the Air Force	32,479	13,444	19,035	0	0	165,703	9,371	10,496	145,836	0
Department of the Army	13,549	9,928	633	0	2,988	108,442	0	23,447	43,452	41,543
Department of the Navy	119,602	8,889	0	96,975	13,738	8,081	0	0	0	8,081
Department of Energy	43,669	1,763	15,074	0	26,832	747,255	0	68,973	618,128	60,154
Bonneville Power Administration	6,000	0	0	0	6,000	0	0	0	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	28,122	0	28,122	0	0
National Nuclear Security Administration	18,362	1,763	15,074	0	1,525	719,133	0	40,851	618,128	60,154
Defense Programs	0	0	0	0	0	630,786	0	0	600,504	30,282
Nonproliferation and Verification	18,362	1,763	15,074	0	1,525	88,347	0	40,851	17,624	29,872
Department of Health and Human Services	135,302	0	0	0	135,302	127,369	0	121,507	0	5,862
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	4,786	0	0	0	4,786	0	0	0	0	0
National Institutes of Health	126,264	0	0	0	126,264	127,369	0	121,507	0	5,862
Department of Homeland Security	682	0	0	0	682	14,478	0	6,260	8,088	130
Science and Technology Directorate	0	0	0	0	0	14,478	0	6,260	8,088	130
U.S. Coast Guard	682	0	0	0	682	0	0	0	0	0
Department of the Interior	321,102	1,632	169,144	14,915	135,411	1,315	0	133	0	1,182
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	299,826	0	168,328	2,271	129,227	1,093	0	0	0	1,093
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

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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 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	4,807	0	0	0	4,807
Bureau of Engraving and Printing	0	0	0	0	0	4,807	0	0	0	4,807
Other agencies										
Agency for International Development	8,795	0	0	0	8,795	0	0	0	0	0
Environmental Protection Agency	153,230	53,634	2,415	12,957	84,224	8,877	0	7,828	0	1,049
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	81,806	56,429	5,545	15,107	4,725	51,701	34,880	1,762	12,675	2,384
National Archives and Records Administration	50	0	0	0	50	70	0	50	20	0
National Science Foundation	5,840	1,043	533	1,813	2,451	10,310	1,100	1,853	1,760	5,597

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.