

TABLE 68. Federal obligations for basic research performed at universities and colleges in environmental and physical sciences, by selected 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 surveyed	1,113,303	258,477	250,866	349,167	254,792	1,939,075	241,988	541,605	896,677	258,804
Departments										
Department of Agriculture	3,609	3,404	4	0	200	10,599	0	10,460	139	0
Agricultural Research Service	198	193	4	0	0	2,992	0	2,852	139	0
Forest Service	1,236	1,036	0	0	200	67	0	67	0	0
National Institute of Food and Agriculture	2,175	2,175	0	0	0	7,541	0	7,541	0	0
Department of Defense	107,392	7,392	3,738	94,125	2,137	180,399	0	55,133	105,689	19,577
Defense agencies and activities	850	0	558	292	0	55,620	0	15,166	32,695	7,759
Chemical and Biological Defense	22	0	22	0	0	16,832	0	9,073	0	7,759
Defense Advanced Research Projects Agency	0	0	0	0	0	10,344	0	2,802	7,542	0
Defense Threat Reduction Agency	0	0	0	0	0	21,934	0	0	21,934	0
Office of the Secretary of Defense	828	0	536	292	0	6,510	0	3,291	3,219	0
Department of the Air Force	0	0	0	0	0	47,541	0	3,601	43,461	479
Department of the Army	6,271	954	3,180	0	2,137	35,917	0	16,285	15,485	4,147
Department of the Navy	100,271	6,438	0	93,833	0	41,321	0	20,081	14,048	7,193
Department of Energy	68,739	38,047	9,746	0	20,946	502,637	0	84,683	417,954	0
Energy Efficiency and Renewable Energy	0	0	0	0	0	180	0	180	0	0
Fossil Energy	0	0	0	0	0	4,359	0	4,359	0	0
National Nuclear Security Administration	2,177	1,389	788	0	0	240	0	0	240	0
Nonproliferation and Verification	2,177	1,389	788	0	0	240	0	0	240	0
Office of Science	66,562	36,657	8,958	0	20,946	497,857	0	80,144	417,714	0
Department of Health and Human Services	130,166	0	0	0	130,166	112,012	0	106,605	0	5,407
Ctrs. for Disease Control and Prevention	5,040	0	0	0	5,040	0	0	0	0	0
National Institutes of Health	125,126	0	0	0	125,126	112,012	0	106,605	0	5,407
Department of Homeland Security	0	0	0	0	0	4,726	0	0	0	4,726
Science and Technology Directorate	0	0	0	0	0	4,726	0	0	0	4,726
Other agencies										
National Aeronautics and Space Administration	92,977	56,962	23,112	5,500	7,402	128,859	79,967	5,798	37,299	5,795
National Science Foundation	710,421	152,672	214,266	249,542	93,941	999,843	162,021	278,926	335,595	223,300

nec = not elsewhere classified.

NOTES: Seven agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; National Aeronautics and Space Administration; and National Science Foundation. Basic research obligations of these seven agencies represented over 99% of total federal basic research obligations to universities and colleges in FY 2009. 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.