

TABLE 60. Federal obligations for 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	1,305,816	284,800	257,584	369,235	394,198	2,201,132	248,348	681,109	993,487	278,188
Departments										
Department of Agriculture	11,856	9,848	8	0	2,000	26,059	0	25,809	251	0
Agricultural Research Service	356	348	8	0	0	5,385	0	5,134	251	0
Forest Service	5,621	3,621	0	0	2,000	293	0	293	0	0
National Institute of Food and Agriculture	5,879	5,879	0	0	0	20,382	0	20,382	0	0
Department of Defense	133,523	13,530	6,953	106,235	6,805	246,055	5	74,057	140,650	31,343
Defense agencies and activities	3,354	232	558	2,564	0	93,226	0	29,126	50,438	13,662
Chemical and Biological Defense	22	0	22	0	0	24,913	0	15,282	0	9,631
Defense Advanced Research Projects Agency	2,041	0	0	2,041	0	25,037	0	10,321	10,685	4,032
Defense Threat Reduction Agency	0	0	0	0	0	36,302	0	0	36,302	0
Office of the Secretary of Defense	1,292	232	536	524	0	6,974	0	3,523	3,451	0
Department of the Air Force	5,465	2,250	3,215	0	0	57,374	5	3,952	52,938	479
Department of the Army	12,135	3,628	3,180	0	5,327	53,271	0	20,897	23,226	9,147
Department of the Navy	112,569	7,420	0	103,671	1,478	42,184	0	20,081	14,048	8,055
Department of Energy	78,208	38,614	10,870	0	28,724	566,807	0	91,087	475,720	0
Energy Efficiency and Renewable Energy	0	0	0	0	0	180	0	180	0	0
Environmental Management	96	0	0	0	96	0	0	0	0	0
Fossil Energy	7,681	0	0	0	7,681	10,763	0	10,763	0	0
National Nuclear Security Administration	3,869	1,957	1,913	0	0	58,006	0	0	58,006	0
Defense Programs	0	0	0	0	0	55,031	0	0	55,031	0
Nonproliferation and Verification	3,869	1,957	1,913	0	0	2,975	0	0	2,975	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	252,734	0	0	0	252,734	211,343	0	201,142	0	10,201
Agency for Toxic Substances and Disease Registry	600	0	0	0	600	0	0	0	0	0
Ctrs. for Disease Control and Prevention	16,048	0	0	0	16,048	0	0	0	0	0
National Institutes of Health	236,086	0	0	0	236,086	211,343	0	201,142	0	10,201
Department of Homeland Security	1,553	1,553	0	0	0	7,229	0	2,503	0	4,726
Science and Technology Directorate	1,553	1,553	0	0	0	7,229	0	2,503	0	4,726
Other agencies										
National Aeronautics and Space Administration	107,040	66,663	24,065	8,097	8,214	137,747	85,963	6,101	39,478	6,205
National Science Foundation	720,902	154,592	215,687	254,902	95,721	1,005,892	162,380	280,410	337,389	225,714

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. Research obligations of these seven agencies represented approximately 98% of total federal 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.