

TABLE 76. Federal obligations for applied 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	192,514	26,323	6,717	20,067	139,406	262,058	6,360	139,503	96,811	19,384
Departments										
Department of Agriculture	8,247	6,443	4	0	1,800	15,460	0	15,349	111	0
Agricultural Research Service	158	155	4	0	0	2,393	0	2,282	111	0
Forest Service	4,385	2,585	0	0	1,800	226	0	226	0	0
National Institute of Food and Agriculture	3,704	3,704	0	0	0	12,841	0	12,841	0	0
Department of Defense	26,131	6,138	3,215	12,110	4,668	65,656	5	18,924	34,961	11,766
Defense agencies and activities	2,505	232	0	2,273	0	37,606	0	13,960	17,743	5,904
Chemical and Biological Defense	0	0	0	0	0	8,081	0	6,209	0	1,872
Defense Advanced Research Projects Agency	2,041	0	0	2,041	0	14,694	0	7,519	3,143	4,032
Defense Threat Reduction Agency	0	0	0	0	0	14,367	0	0	14,367	0
Office of the Secretary of Defense	464	232	0	232	0	464	0	232	232	0
Department of the Air Force	5,465	2,250	3,215	0	0	9,834	5	351	9,477	0
Department of the Army	5,864	2,674	0	0	3,190	17,354	0	4,613	7,741	5,000
Department of the Navy	12,297	982	0	9,837	1,478	862	0	0	0	862
Department of Energy	9,470	567	1,125	0	7,777	64,170	0	6,404	57,766	0
Environmental Management	96	0	0	0	96	0	0	0	0	0
Fossil Energy	7,681	0	0	0	7,681	6,404	0	6,404	0	0
National Nuclear Security Administration	1,692	567	1,125	0	0	57,766	0	0	57,766	0
Defense Programs	0	0	0	0	0	55,031	0	0	55,031	0
Nonproliferation and Verification	1,692	567	1,125	0	0	2,735	0	0	2,735	0
Department of Health and Human Services	122,569	0	0	0	122,569	99,331	0	94,537	0	4,795
Agency for Toxic Substances and Disease Registry	600	0	0	0	600	0	0	0	0	0
Ctrs. for Disease Control and Prevention	11,008	0	0	0	11,008	0	0	0	0	0
National Institutes of Health	110,960	0	0	0	110,960	99,331	0	94,537	0	4,795
Department of Homeland Security	1,553	1,553	0	0	0	2,503	0	2,503	0	0
Science and Technology Directorate	1,553	1,553	0	0	0	2,503	0	2,503	0	0
Other agencies										
National Aeronautics and Space Administration	14,063	9,701	953	2,597	812	8,888	5,996	303	2,179	410
National Science Foundation	10,481	1,920	1,421	5,360	1,780	6,050	358	1,484	1,794	2,414

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. Applied research obligations of these seven agencies represented over 95% of total federal applied 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.