

TABLE 73. Federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2009

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
All agencies surveyed	11,391,290	192,514	8,512,253	270,137	262,058	602,901	171,739	314,420	1,065,268
Departments									
Department of Agriculture	430,439	8,247	357,256	873	15,460	0	35,079	0	13,525
Agricultural Marketing Service	90	0	90	0	0	0	0	0	0
Agricultural Research Service	35,934	158	33,013	47	2,393	0	0	0	323
Economic Research Service	4,209	0	0	0	0	0	4,209	0	0
Foreign Agricultural Service	69	0	69	0	0	0	0	0	0
Forest Service	26,058	4,385	14,980	616	226	0	4,677	0	1,174
National Agricultural Statistics Service	210	0	0	210	0	0	0	0	0
National Institute of Food and Agriculture	363,426	3,704	309,104	0	12,841	0	25,750	0	12,027
Rural Business-Cooperative Service	443	0	0	0	0	0	443	0	0
Department of Defense	660,549	26,131	129,256	61,124	65,656	1,914	1,148	4,567	370,754
Defense agencies and activities	261,353	2,505	75,799	43,887	37,606	960	1,148	3,071	96,377
Chemical and Biological Defense	13,949	0	5,668	0	8,081	0	0	200	0
Defense Advanced Research Projects Agency	220,501	2,041	69,667	42,230	14,694	0	0	0	91,868
Defense Threat Reduction Agency	18,428	0	0	69	14,367	0	0	881	3,110
Office of the Secretary of Defense	8,475	464	464	1,587	464	960	1,148	1,990	1,399
Department of the Air Force	89,788	5,465	226	1,576	9,834	0	0	1,496	71,191
Department of the Army	161,803	5,864	47,138	10,131	17,354	954	0	0	80,363
Department of the Navy	147,605	12,297	6,093	5,530	862	0	0	0	122,822
Department of Energy	161,987	9,470	0	4,088	64,170	0	0	0	84,260
Electricity Delivery and Energy Reliability	2,911	0	0	0	0	0	0	0	2,911
Energy Efficiency and Renewable Energy	66,900	0	0	0	0	0	0	0	66,900
Environmental Management	96	96	0	0	0	0	0	0	0
Fossil Energy	26,978	7,681	0	0	6,404	0	0	0	12,893
National Nuclear Security Administration	65,006	1,692	0	4,088	57,766	0	0	0	1,460
Defense Programs	55,031	0	0	0	55,031	0	0	0	0
Nonproliferation and Verification	9,975	1,692	0	4,088	2,735	0	0	0	1,460
Nuclear Energy	96	0	0	0	0	0	0	0	96
Department of Health and Human Services	9,683,103	122,569	8,015,271	52,919	99,331	599,943	108,434	301,577	383,059
Administration for Children and Families	12,066	0	0	0	0	0	12,066	0	0
Agency for Healthcare Research and Quality	102,352	0	70,780	4,387	0	2,888	13,692	10,028	576
Agency for Toxic Substances and Disease Registry	600	600	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	59,221	11,008	12,150	0	0	0	18,919	17,144	0
Ctrs. for Medicare and Medicaid Services	1,313	0	1,313	0	0	0	0	0	0
Food and Drug Administration	9,706	0	9,706	0	0	0	0	0	0
Health Resources and Services Administration	12,993	0	12,993	0	0	0	0	0	0
National Institutes of Health	9,482,017	110,960	7,908,330	48,532	99,331	597,055	60,921	274,405	382,483
Office of the Secretary	2,835	0	0	0	0	0	2,835	0	0
Office of the Assistant Secretary, Planning and Evaluation	2,835	0	0	0	0	0	2,835	0	0

TABLE 73. Federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2009

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
Department of Homeland Security	18,146	1,553	2,194	2,727	2,503	0	1,831	1,216	6,124
Science and Technology Directorate	18,146	1,553	2,194	2,727	2,503	0	1,831	1,216	6,124
Other agencies									
National Aeronautics and Space Administration	91,309	14,063	6,886	2,507	8,888	605	0	579	57,780
National Science Foundation	345,757	10,481	1,390	145,900	6,050	439	25,249	6,481	149,766

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.