

TABLE 66. Preliminary federal obligations for basic 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 and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies	16,776,709	1,031,071	9,627,759	1,332,567	1,821,402	638,306	321,618	437,044	1,566,942
Departments									
Department of Agriculture	311,314	4,486	262,299	315	9,705	0	21,441	0	13,068
Agricultural Research Service	36,652	161	33,672	48	2,441	0	0	0	330
Foreign Agricultural Service	64	0	64	0	0	0	0	0	0
Forest Service	6,245	938	4,272	267	0	0	580	0	188
National Institute of Food and Agriculture	268,353	3,387	224,291	0	7,264	0	20,861	0	12,550
Department of Defense	913,246	102,035	101,368	136,515	171,583	7,778	8,014	1,609	384,344
Defense agencies and activities	272,323	2,824	35,735	44,496	68,897	1,004	0	1,609	117,758
Chemical and Biological Defense	16,431	22	3,041	0	13,368	0	0	0	0
Defense Advanced Research Projects Agency	167,385	0	25,041	33,606	17,172	0	0	0	91,566
Defense Threat Reduction Agency	13,600	0	0	0	13,600	0	0	0	0
Office of the Secretary of Defense	74,907	2,802	7,653	10,890	24,757	1,004	0	1,609	26,192
Department of the Air Force	157,568	0	5,936	32,648	27,271	2,968	0	0	88,745
Department of the Army	201,455	4,795	24,067	35,259	35,063	3,806	8,014	0	90,451
Department of the Navy	281,900	94,416	35,630	24,112	40,352	0	0	0	87,390
Department of Energy	706,105	66,180	99,971	32,889	428,286	0	0	50,701	28,078
Energy Efficiency and Renewable Energy	238	0	56	0	182	0	0	0	0
Fossil Energy	4,436	0	0	0	4,436	0	0	0	0
National Nuclear Security Administration	3,380	2,177	0	262	240	0	0	701	0
Nonproliferation and Verification	3,380	2,177	0	262	240	0	0	701	0
Office of Science	698,051	64,003	99,915	32,627	423,428	0	0	50,000	28,078
Department of Health and Human Services	9,721,099	128,867	8,250,570	54,858	121,962	622,954	67,995	124,555	349,338
Centers for Disease Control and Prevention	47,454	5,044	4,740	0	0	0	254	37,416	0
National Institutes of Health	9,673,645	123,823	8,245,830	54,858	121,962	622,954	67,741	87,139	349,338
Department of Homeland Security	77,976	0	25,825	2,877	14,957	1,154	4,273	12,749	16,141
Science and Technology Directorate	77,976	0	25,825	2,877	14,957	1,154	4,273	12,749	16,141
Other agencies									
National Aeronautics and Space Administration	33,830	9,608	1,501	336	13,316	60	10	2,741	6,258
National Science Foundation	5,013,139	719,895	886,225	1,104,777	1,061,593	6,360	219,885	244,689	769,715

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 approximately 98% 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 2008–10.