

TABLE 59. Preliminary federal obligations for research performed at universities and colleges, by selected agency and field of science and engineering: FY 2011

(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	26,682,514	1,040,045	17,174,742	1,318,670	1,942,740	1,183,221	438,679	984,077	2,600,341
Departments									
Department of Agriculture	878,330	12,389	718,083	1,016	51,086	0	59,296	0	36,460
Agricultural Research Service	52,072	229	47,839	68	3,468	0	0	0	469
Economic Research Service	4,658	0	0	0	0	0	4,658	0	0
Foreign Agricultural Service	96	0	96	0	0	0	0	0	0
Forest Service	34,292	5,621	20,767	628	296	0	5,524	0	1,457
National Agricultural Statistics Service	320	0	0	320	0	0	0	0	0
National Institute of Food and Agriculture	786,591	6,539	649,381	0	47,322	0	48,814	0	34,535
Rural Business-Cooperative Service	300	0	0	0	0	0	300	0	0
Department of Defense	1,616,168	130,399	202,223	191,417	224,231	16,343	26,912	10,928	813,716
Defense agencies and activities	592,113	3,990	104,449	113,709	112,638	3,386	2,846	7,882	243,213
Chemical and Biological Defense	37,231	9	13,760	0	23,362	0	0	100	0
Defense Advanced Research Projects Agency	447,338	1,983	86,595	101,454	32,646	0	0	6,655	218,005
Defense Threat Reduction Agency	54,659	0	0	69	50,619	0	0	877	3,094
Office of the Secretary of Defense	52,885	1,999	4,093	12,186	6,012	3,386	2,846	250	22,114
Department of the Air Force	316,662	4,184	8,012	9,420	24,025	7,371	10,100	3,046	250,504
Department of the Army	281,247	8,068	45,511	41,352	42,324	5,586	13,965	0	124,441
Department of the Navy	426,145	114,155	44,251	26,937	45,243	0	0	0	195,558
Department of Energy	929,693	34,706	110,102	42,096	504,965	0	0	132,450	105,373
Electricity Delivery and Energy Reliability	5,149	0	0	0	0	0	0	0	5,149
Energy Efficiency and Renewable Energy	52,955	0	126	0	411	0	0	0	52,418
Environmental Management	399	399	0	0	0	0	0	0	0
Fossil Energy	22,130	6,449	0	0	9,113	0	0	0	6,568
National Nuclear Security Administration	65,708	10	0	1,128	64,434	0	0	135	0
Defense Programs	62,477	0	0	0	62,477	0	0	0	0
Nonproliferation and Verification	3,231	10	0	1,128	1,957	0	0	135	0
Nuclear Energy	51,740	0	0	0	0	0	0	51,740	0
Office of Science	731,612	27,847	109,976	40,968	431,007	0	0	80,575	41,239
Department of Health and Human Services	18,592,200	235,946	15,422,898	100,669	191,531	1,155,911	157,342	589,467	738,437
Administration for Children and Families	12,579	0	0	0	0	0	12,579	0	0
Agency for Healthcare Research and Quality	165,390	0	114,373	7,089	0	4,666	22,125	16,205	932
Agency for Toxic Substances and Disease Registry	200	200	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	101,980	21,792	34,366	0	0	0	1,671	44,152	0
Ctrs. for Medicare and Medicaid Services	1,934	0	1,934	0	0	0	0	0	0
Food and Drug Administration	9,144	0	9,144	0	0	0	0	0	0
Health Resources and Services Administration	14,197	0	14,197	0	0	0	0	0	0
National Institutes of Health	18,283,277	213,954	15,248,884	93,579	191,531	1,151,244	117,468	529,110	737,506
Office of the Secretary	3,500	0	0	0	0	0	3,500	0	0
Office of the Assistant Secretary, Planning and Evaluation	3,500	0	0	0	0	0	3,500	0	0

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(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	76,313	1,643	20,466	11,263	7,649	647	6,248	7,031	21,365
Science and Technology Directorate	76,313	1,643	20,466	11,263	7,649	647	6,248	7,031	21,365
Other agencies									
National Aeronautics and Space Administration	430,930	109,532	22,188	6,009	140,319	1,240	102	27,527	124,012
National Science Foundation	4,158,881	515,430	678,782	966,200	822,959	9,080	188,778	216,674	760,978

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 2011. 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.