

TABLE 74. Preliminary 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 and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies	9,536,687	165,941	7,190,374	264,096	268,221	502,208	149,413	98,076	898,358
Departments									
Department of Agriculture	536,074	12,133	441,106	316	15,052	0	44,156	0	23,311
Agricultural Research Service	30,668	135	28,175	40	2,042	0	0	0	276
Economic Research Service	2,217	0	0	0	0	0	2,217	0	0
Foreign Agricultural Service	165	0	165	0	0	0	0	0	0
Forest Service	25,599	5,976	14,026	66	97	0	4,710	0	724
National Agricultural Statistics Service	210	0	0	210	0	0	0	0	0
National Institute of Food and Agriculture	477,072	6,022	398,740	0	12,913	0	37,086	0	22,311
Rural Business-Cooperative Service	143	0	0	0	0	0	143	0	0
Department of Defense	735,481	25,016	126,731	92,542	80,094	5,349	879	1,181	403,689
Defense agencies and activities	371,227	5,497	93,859	79,585	59,163	4,416	643	1,081	126,983
Chemical and Biological Defense	10,466	0	1,652	0	8,614	0	0	200	0
Defense Advanced Research Projects Agency	303,466	1,504	88,214	66,763	35,095	0	0	0	111,890
Defense Threat Reduction Agency	15,521	0	0	69	11,461	0	0	881	3,110
Office of the Secretary of Defense	41,774	3,993	3,993	12,753	3,993	4,416	643	0	11,983
Department of the Air Force	87,829	4,169	0	1,106	7,427	0	0	100	75,027
Department of the Army	128,658	2,938	26,723	8,711	12,635	933	236	0	76,482
Department of the Navy	147,767	12,412	6,149	3,140	869	0	0	0	125,197
Department of Energy	134,916	9,670	0	3,913	64,326	0	0	0	57,007
Electricity Delivery and Energy Reliability	6,997	0	0	0	0	0	0	0	6,997
Energy Efficiency and Renewable Energy	39,908	0	0	0	0	0	0	0	39,908
Environmental Management	96	96	0	0	0	0	0	0	0
Fossil Energy	22,469	7,882	0	0	6,560	0	0	0	8,027
National Nuclear Security Administration	64,831	1,692	0	3,913	57,766	0	0	0	1,460
Defense Programs	55,031	0	0	0	55,031	0	0	0	0
Nonproliferation and Verification	9,800	1,692	0	3,913	2,735	0	0	0	1,460
Nuclear Energy	615	0	0	0	0	0	0	0	615
Department of Health and Human Services	7,818,740	108,902	6,617,703	50,805	95,828	495,753	87,122	88,147	274,480
Administration for Children and Families	9,993	0	0	0	0	0	9,993	0	0
Agency for Healthcare Research and Quality	88,391	0	65,067	7,352	0	189	7,125	8,658	0
Agency for Toxic Substances and Disease Registry	600	600	0	0	0	0	0	0	0
Centers for Disease Control and Prevention	92,050	11,012	49,757	350	0	6,100	13,808	11,023	0
Centers 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	7,600,724	97,290	6,478,867	43,103	95,828	489,464	53,226	68,466	274,480
Office of the Secretary	2,970	0	0	0	0	0	2,970	0	0
Office of the Assistant Secretary, Planning and Evaluation	2,970	0	0	0	0	0	2,970	0	0

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(Dollars in thousands)

Agency	Total	Environmental sciences	Mathematics and			Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
			Life sciences	computer sciences	sciences					
Department of Homeland Security	2,393	0	803	88	477	35	131	350	509	
Science and Technology Directorate	2,393	0	803	88	477	35	131	350	509	
Other agencies										
National Aeronautics and Space Administration	32,559	5,015	2,455	894	3,169	216	0	207	20,603	
National Science Foundation	276,524	5,205	1,576	115,538	9,275	855	17,125	8,191	118,759	

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 94% 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 2008–10.