

TABLE 58. Preliminary federal obligations for 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	26,313,396	1,197,012	16,818,133	1,596,663	2,089,623	1,140,514	471,031	535,120	2,465,300
Departments									
Department of Agriculture	847,388	16,619	703,405	631	24,757	0	65,597	0	36,379
Agricultural Research Service	67,320	296	61,847	88	4,483	0	0	0	606
Economic Research Service	2,217	0	0	0	0	0	2,217	0	0
Foreign Agricultural Service	229	0	229	0	0	0	0	0	0
Forest Service	31,844	6,914	18,298	333	97	0	5,290	0	912
National Agricultural Statistics Service	210	0	0	210	0	0	0	0	0
National Institute of Food and Agriculture	745,425	9,409	623,031	0	20,177	0	57,947	0	34,861
Rural Business-Cooperative Service	143	0	0	0	0	0	143	0	0
Department of Defense	1,648,727	127,051	228,099	229,057	251,677	13,127	8,893	2,790	788,033
Defense agencies and activities	643,550	8,321	129,594	124,081	128,060	5,420	643	2,690	244,741
Chemical and Biological Defense	26,897	22	4,693	0	21,982	0	0	200	0
Defense Advanced Research Projects Agency	470,851	1,504	113,255	100,369	52,267	0	0	0	203,456
Defense Threat Reduction Agency	29,121	0	0	69	25,061	0	0	881	3,110
Office of the Secretary of Defense	116,681	6,795	11,646	23,643	28,750	5,420	643	1,609	38,175
Department of the Air Force	245,397	4,169	5,936	33,754	34,698	2,968	0	100	163,772
Department of the Army	330,113	7,733	50,790	43,970	47,698	4,739	8,250	0	166,933
Department of the Navy	429,667	106,828	41,779	27,252	41,221	0	0	0	212,587
Department of Energy	841,021	75,850	99,971	36,802	492,612	0	0	50,701	85,085
Electricity Delivery and Energy Reliability	6,997	0	0	0	0	0	0	0	6,997
Energy Efficiency and Renewable Energy	40,146	0	56	0	182	0	0	0	39,908
Environmental Management	96	96	0	0	0	0	0	0	0
Fossil Energy	26,905	7,882	0	0	10,996	0	0	0	8,027
National Nuclear Security Administration	68,211	3,869	0	4,175	58,006	0	0	701	1,460
Defense Programs	55,031	0	0	0	55,031	0	0	0	0
Nonproliferation and Verification	13,180	3,869	0	4,175	2,975	0	0	701	1,460
Nuclear Energy	615	0	0	0	0	0	0	0	615
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	17,539,839	237,769	14,868,273	105,663	217,790	1,118,707	155,117	212,702	623,818
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	139,504	16,056	54,497	350	0	6,100	14,062	48,439	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	17,274,369	221,113	14,724,697	97,961	217,790	1,112,418	120,967	155,605	623,818
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

TABLE 58. Preliminary federal obligations for 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
Department of Homeland Security	80,369	0	26,628	2,965	15,434	1,189	4,404	13,099	16,650
Science and Technology Directorate	80,369	0	26,628	2,965	15,434	1,189	4,404	13,099	16,650
Other agencies									
National Aeronautics and Space Administration	66,389	14,623	3,956	1,230	16,485	276	10	2,948	26,861
National Science Foundation	5,289,663	725,100	887,801	1,220,315	1,070,868	7,215	237,010	252,880	888,474

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 96% of total federal research obligations to universities and colleges in FY 2009. Data for 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.