

TABLE 63. Federal obligations for research performed at universities and colleges in engineering, by selected agency and detailed field: FY 2009  
(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Engineering, nec
All agencies surveyed	2,722,796	114,983	36,969	209,328	211,173	314,591	73,023	387,236	1,375,493
Departments									
Department of Agriculture	21,279	0	0	402	113	65	81	0	20,618
Agricultural Research Service	728	0	0	364	113	65	81	0	105
Forest Service	1,460	0	0	39	0	0	0	0	1,421
National Institute of Food and Agriculture	19,092	0	0	0	0	0	0	0	19,092
Department of Defense	781,895	39,996	8,788	9,773	6,260	171,972	57,168	130,189	357,749
Defense agencies and activities	194,358	4,862	0	3,775	1,830	47,188	8,322	29,275	99,106
Defense Advanced Research Projects Agency	163,745	1,655	0	2,629	0	32,111	2,014	27,477	97,860
Defense Threat Reduction Agency	3,110	0	0	0	0	3,110	0	0	0
Office of the Secretary of Defense	27,503	3,207	0	1,146	1,830	11,967	6,309	1,798	1,247
Department of the Air Force	204,986	17,061	7,785	0	0	7,847	939	36,934	134,419
Department of the Army	168,839	11,600	0	5,998	4,430	67,785	28,160	37,927	12,939
Department of the Navy	213,713	6,473	1,003	0	0	49,153	19,747	26,053	111,284
Department of Energy	116,257	0	0	12,893	13,280	12,103	77	32,809	45,094
Electricity Delivery and Energy Reliability	2,911	0	0	0	0	2,911	0	0	0
Energy Efficiency and Renewable Energy	66,900	0	0	0	13,280	8,817	77	87	44,638
Fossil Energy	12,893	0	0	12,893	0	0	0	0	0
National Nuclear Security Administration	1,460	0	0	0	0	375	0	725	360
Nonproliferation and Verification	1,460	0	0	0	0	375	0	725	360
Nuclear Energy	96	0	0	0	0	0	0	0	96
Office of Science	31,997	0	0	0	0	0	0	31,997	0
Department of Health and Human Services	814,370	0	0	0	0	0	0	41,600	772,770
Agency for Healthcare Research and Quality	576	0	0	0	0	0	0	0	576
National Institutes of Health	813,793	0	0	0	0	0	0	41,600	772,194
Department of Homeland Security	20,190	0	0	0	1,553	3,614	5,004	0	10,019
Science and Technology Directorate	20,190	0	0	0	1,553	3,614	5,004	0	10,019
Other agencies									
National Aeronautics and Space Administration	118,345	74,986	28,181	438	39	2,361	1,634	2,262	8,443
National Science Foundation	850,460	0	0	185,821	189,928	124,476	9,058	180,377	160,799

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 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.