

TABLE 79. Federal obligations for applied 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	1,065,268	56,843	27,788	53,945	55,022	122,583	23,133	86,414	639,541
Departments									
Department of Agriculture	13,525	0	0	162	50	29	36	0	13,248
Agricultural Research Service	323	0	0	162	50	29	36	0	47
Forest Service	1,174	0	0	0	0	0	0	0	1,174
National Institute of Food and Agriculture	12,027	0	0	0	0	0	0	0	12,027
Department of Defense	370,754	20,224	8,788	6,748	3,964	85,407	20,899	65,783	158,941
Defense agencies and activities	96,377	1,655	0	2,979	350	20,564	2,363	17,183	51,283
Defense Advanced Research Projects Agency	91,868	1,655	0	2,629	0	17,104	2,014	17,183	51,283
Defense Threat Reduction Agency	3,110	0	0	0	0	3,110	0	0	0
Office of the Secretary of Defense	1,399	0	0	350	350	350	350	0	0
Department of the Air Force	71,191	11,882	7,785	0	0	7,847	939	36,074	6,664
Department of the Army	80,363	2,592	0	3,769	3,614	39,079	13,700	6,507	11,101
Department of the Navy	122,822	4,095	1,003	0	0	17,916	3,897	6,019	89,892
Department of Energy	84,260	0	0	12,893	13,280	12,103	77	812	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
Department of Health and Human Services	383,059	0	0	0	0	0	0	19,552	363,507
Agency for Healthcare Research and Quality	576	0	0	0	0	0	0	0	576
National Institutes of Health	382,483	0	0	0	0	0	0	19,552	362,931
Department of Homeland Security	6,124	0	0	0	1,553	0	0	0	4,571
Science and Technology Directorate	6,124	0	0	0	1,553	0	0	0	4,571
Other agencies									
National Aeronautics and Space Administration	57,780	36,619	19,000	16	1	506	338	118	1,182
National Science Foundation	149,766	0	0	34,127	36,174	24,538	1,782	149	52,997

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 95% 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 2009 –11.