

TABLE 79. Federal obligations for applied research performed at universities and colleges in engineering, by selected agency and detailed field: FY 2008

(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	855,229	45,036	13,789	39,184	39,567	97,090	24,495	88,504	507,564
Departments									
Department of Agriculture	16,225	0	0	225	51	29	37	0	15,883
Agricultural Research Service	330	0	0	165	51	29	37	0	48
Forest Service	509	0	0	60	0	0	0	0	449
National Institute of Food and Agriculture	15,386	0	0	0	0	0	0	0	15,386
Department of Defense	369,942	31,321	6,677	7,829	4,823	72,497	23,141	69,067	154,587
Defense agencies and activities	92,125	1,657	0	4,788	2,818	18,016	2,818	20,450	41,578
Defense Advanced Research Projects Agency	80,042	1,657	0	1,969	0	14,698	0	20,450	41,268
Defense Threat Reduction Agency	810	0	0	0	0	500	0	0	310
Office of the Secretary of Defense	11,273	0	0	2,819	2,818	2,818	2,818	0	0
Department of the Air Force	79,404	22,144	5,686	0	0	9,523	1,333	34,490	6,228
Department of the Army	75,712	3,471	0	3,041	2,005	25,981	15,137	8,175	17,902
Department of the Navy	122,701	4,049	991	0	0	18,977	3,853	5,952	88,879
Department of Energy	58,971	0	0	9,543	8,501	7,672	50	4,242	28,963
Electricity Delivery and Energy Reliability	1,877	0	0	0	0	1,877	0	0	0
Energy Efficiency and Renewable Energy	42,829	0	0	0	8,501	5,645	50	56	28,577
Fossil Energy	9,543	0	0	9,543	0	0	0	0	0
National Nuclear Security Administration	4,336	0	0	0	0	150	0	4,186	0
Nonproliferation and Verification	4,336	0	0	0	0	150	0	4,186	0
Nuclear Energy	386	0	0	0	0	0	0	0	386
Department of Health and Human Services	263,276	0	0	0	0	0	0	14,898	248,378
National Institutes of Health	263,276	0	0	0	0	0	0	14,898	248,378
Department of Homeland Security	723	9	0	8	45	6	9	12	634
Science and Technology Directorate	723	9	0	8	45	6	9	12	634
Other agencies									
National Aeronautics and Space Administration	21,627	13,706	7,112	6	0	190	127	44	442
National Science Foundation	124,465	0	0	21,573	26,147	16,696	1,131	241	58,677

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 2008. 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.