

TABLE 48. Federal obligations for applied research in engineering, by 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	6,239,478	660,784	256,075	233,981	361,802	825,058	226,562	630,666	3,044,550
Departments									
Department of Agriculture	26,570	0	0	2,130	646	368	460	0	22,966
Agricultural Research Service	4,142	0	0	2,070	646	368	460	0	598
Forest Service	4,768	0	0	60	0	0	0	0	4,708
National Institute of Food and Agriculture	17,660	0	0	0	0	0	0	0	17,660
Department of Commerce	156,582	0	389	4,190	32,670	46,430	3,200	39,836	29,867
National Institute of Standards and Technology	143,411	0	389	4,190	29,102	36,939	3,200	39,836	29,755
National Oceanic and Atmospheric Administration	6,149	0	0	0	3,568	2,469	0	0	112
National Telecommunications and Information Administration	7,022	0	0	0	0	7,022	0	0	0
Department of Defense	2,813,018	447,565	113,267	48,178	21,896	667,491	167,776	405,797	941,048
Defense agencies and activities	630,903	23,137	0	13,746	2,818	134,156	9,398	111,130	336,518
Defense Advanced Research Projects Agency	502,416	23,137	0	5,765	0	74,141	4,156	111,130	284,087
Defense Threat Reduction Agency	63,802	0	0	0	0	56,877	0	0	6,925
Office of the Secretary of Defense	43,145	0	0	7,981	2,818	3,138	5,242	0	23,966
Special Operations Command	21,540	0	0	0	0	0	0	0	21,540
Department of the Air Force	890,655	328,647	104,356	11,280	0	114,728	9,058	179,832	142,754
Department of the Army	693,345	56,436	22	23,152	19,078	252,070	112,956	56,905	172,726
Department of the Navy	598,115	39,345	8,889	0	0	166,537	36,364	57,930	289,050
Department of Education	12,962	0	0	0	0	0	0	0	12,962
Department of Energy	1,544,556	0	31,895	133,904	83,814	85,571	3,558	106,774	1,099,040
Bonneville Power Administration	5,076	0	0	0	0	2,626	0	0	2,450
Civilian Radioactive Waste Management	1,372	0	0	0	0	0	0	0	1,372
Electricity Delivery and Energy Reliability	27,275	0	0	0	0	27,275	0	0	0
Energy Efficiency and Renewable Energy	416,810	0	0	0	82,738	54,935	484	543	278,110
Fossil Energy	133,852	0	0	132,776	1,076	0	0	0	0
National Nuclear Security Administration	830,059	0	31,895	1,128	0	735	3,074	106,231	686,996
Defense Programs	761,768	0	0	0	0	0	0	95,978	665,790
Nonproliferation and Verification	68,291	0	31,895	1,128	0	735	3,074	10,253	21,206
Nuclear Energy	130,112	0	0	0	0	0	0	0	130,112
Department of Health and Human Services	507,939	0	0	0	0	0	0	18,854	489,085
Agency for Healthcare Research and Quality	888	0	0	0	0	0	0	0	888
National Institutes of Health	507,051	0	0	0	0	0	0	18,854	488,197
Department of Homeland Security	19,432	210	0	174	1,229	1,695	937	661	14,526
Science and Technology Directorate	15,428	210	0	174	972	130	210	261	13,471
U.S. Coast Guard	4,004	0	0	0	257	1,565	727	400	1,055
Department of the Interior	7,991	0	0	1,241	2,178	778	1,029	968	1,797
Bureau of Reclamation	2,573	0	0	713	1,085	248	341	186	0
Minerals Management Service	4,106	0	0	528	0	311	688	782	1,797

TABLE 48. Federal obligations for applied research in engineering, by 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
U.S. Geological Survey	1,312	0	0	0	1,093	219	0	0	0
Department of Justice	37,287	0	0	2,793	0	0	0	0	34,494
Office of Justice Programs	37,287	0	0	2,793	0	0	0	0	34,494
Department of Transportation	431,920	0	0	0	186,907	0	45,847	56,372	142,794
Federal Aviation Administration	57,786	0	0	0	14,764	0	0	43,022	0
Federal Highway Administration	280,081	0	0	0	172,143	0	0	13,350	94,588
Federal Railroad Administration	37,501	0	0	0	0	0	0	0	37,501
National Highway Traffic Safety Administration	45,847	0	0	0	0	0	45,847	0	0
Pipeline and Hazardous Materials Safety Administration	3	0	0	0	0	0	0	0	3
Research and Innovative Technology Administration	10,702	0	0	0	0	0	0	0	10,702
Department of Veterans Affairs	14,231	0	0	0	0	0	0	0	14,231
Other agencies									
Environmental Protection Agency	52,724	0	0	19,170	2,213	0	630	477	30,234
Federal Communications Commission	2,745	0	0	0	0	2,745	0	0	0
National Aeronautics and Space Administration	336,106	213,009	110,524	92	6	2,945	1,969	686	6,875
National Science Foundation	214,419	0	0	22,109	30,243	17,035	1,156	241	143,635
Nuclear Regulatory Commission	60,996	0	0	0	0	0	0	0	60,996

nec = not elsewhere classified.

NOTES: 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.