

TABLE 48. Federal obligations for applied research in engineering, by agency and detailed field: FY 2003

(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	6,492,029	1,476,463	642,998	256,366	288,549	723,704	202,167	502,671	2,399,111
Departments									
Department of Agriculture	37,311	0	0	3,186	3,988	363	2,678	0	27,096
Agricultural Research Service	3,441	0	0	1,721	535	306	382	0	497
Cooperative State Research, Education, and Extension Service	10,654	0	0	0	0	0	0	0	10,654
Forest Service	23,216	0	0	1,465	3,453	57	2,296	0	15,945
Department of Commerce	176,201	0	0	5,049	27,077	54,276	5,399	45,582	38,818
National Institute of Standards and Technology	162,748	0	0	5,049	27,077	40,994	5,399	45,582	38,647
National Oceanic and Atmospheric Administration	7,071	0	0	0	0	6,900	0	0	171
National Telecommunications and Information Administration	6,382	0	0	0	0	6,382	0	0	0
Department of Defense	2,428,153	415,434	91,376	24,266	48,782	601,749	166,258	311,708	768,580
Defense agencies	647,995	21,817	0	3,378	1,900	144,110	11,982	123,254	341,554
Defense Advanced Research Projects Agency	436,083	21,817	0	1,478	0	116,340	9,080	122,554	164,814
Defense Threat Reduction Agency	184,526	0	0	0	0	25,291	0	0	159,235
Special Operations Command	17,505	0	0	0	0	0	0	0	17,505
Washington Headquarters Services	9,881	0	0	1,900	1,900	2,479	2,902	700	0
Department of the Air Force	770,111	321,618	82,486	5,623	9,100	147,212	34,531	93,321	76,220
Materiel Command	757,873	321,618	82,486	5,623	9,100	147,212	34,531	93,321	63,982
Space Command	12,238	0	0	0	0	0	0	0	12,238
Department of the Army	456,643	35,378	617	15,265	37,782	158,723	85,898	41,213	81,767
Civil Functions	16,906	0	0	0	14,759	0	0	0	2,147
Military Functions	439,737	35,378	617	15,265	23,023	158,723	85,898	41,213	79,620
Department of the Navy	553,404	36,621	8,273	0	0	151,704	33,847	53,920	269,039
Department of Education	14,442	0	0	0	0	0	0	0	14,442
Department of Energy	1,465,552	0	1,083	196,991	58,469	37,015	324	87,875	1,083,795
Bonneville Power Administration	407	0	0	0	407	0	0	0	0
Civilian Radioactive Waste Management	5,716	0	0	0	0	0	0	0	5,716
Energy Efficiency and Renewable Energy	279,895	0	0	0	55,561	36,890	324	364	186,756
Fossil Energy	195,576	0	0	190,925	2,001	0	0	2,650	0
National Nuclear Security Administration	954,546	0	1,083	6,066	500	125	0	84,861	861,911
Defense Programs	928,421	0	0	0	0	0	0	84,861	843,560
Nonproliferation and Verification	26,125	0	1,083	6,066	500	125	0	0	18,351
Nuclear Energy	29,412	0	0	0	0	0	0	0	29,412

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Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Engineering, nec
Department of Health and Human Services	113,684	0	0	0	0	0	0	0	113,684
National Institutes of Health	113,684	0	0	0	0	0	0	0	113,684
Department of Housing and Urban Development	1,847	0	0	0	0	0	0	0	1,847
Department of the Interior	10,654	0	0	1,407	6,574	803	375	328	1,167
Bureau of Reclamation	2,726	0	0	750	1,138	265	375	198	0
Geological Survey	3,412	0	0	0	2,874	538	0	0	0
Minerals Management Service	4,516	0	0	657	2,562	0	0	130	1,167
Department of Transportation	304,062	0	0	0	131,869	1	15,699	52,804	103,689
Federal Aviation Administration	72,741	0	0	0	20,826	0	0	51,915	0
Federal Highway Administration	155,441	0	0	0	111,043	1	99	889	43,409
Federal Railroad Administration	28,742	0	0	0	0	0	0	0	28,742
National Highway Traffic Safety Administration	44,180	0	0	0	0	0	15,600	0	28,580
Research and Special Programs Administration	2,958	0	0	0	0	0	0	0	2,958
Department of Veterans Affairs	15,939	0	0	0	0	0	0	0	15,939
Other agencies									
Environmental Protection Agency	46,710	0	0	12,420	2,213	200	627	266	30,984
Federal Communications Commission	825	0	0	0	0	825	0	0	0
National Aeronautics and Space Administration	1,674,193	1,061,029	550,539	458	29	14,669	9,807	3,419	34,243
National Science Foundation	138,469	0	0	12,589	9,548	13,803	1,000	689	100,840
Nuclear Regulatory Commission	63,987	0	0	0	0	0	0	0	63,987

nec = not elsewhere classified.

NOTES: Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.