

TABLE C-47. Federal obligations for applied research in engineering, by agency and detailed field: FY 2002  
(Dollars in thousands)

Agency	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, nec
All agencies	6,409,993	1,827,014	692,645	139,244	256,140	595,635	176,682	492,753	2,229,880
Departments									
Department of Agriculture	31,503	0	0	2,987	3,526	355	2,370	0	22,265
Agricultural Research Service	3,433	0	0	1,717	534	305	381	0	496
Cooperative State Research, Ed., and Extension Service	7,953	0	0	0	0	0	0	0	7,953
Forest Service	20,117	0	0	1,270	2,992	50	1,989	0	13,816
Department of Commerce	164,518	0	0	4,182	23,708	52,052	5,034	43,591	35,951
National Institute of Standards and Technology	153,852	0	0	4,182	23,708	41,545	5,034	43,591	35,792
National Oceanic and Atmospheric Administration	6,584	0	0	0	0	6,425	0	0	159
National Telecommunications and Information Administration	4,082	0	0	0	0	4,082	0	0	0
Department of Defense	2,438,664	624,537	68,713	22,759	53,735	478,917	140,207	288,405	761,391
Defense Agencies	689,312	12,833	0	1,776	7,776	140,332	1,797	136,980	387,818
Ballistic Missile Defense Organization	738	0	0	0	0	175	0	0	563
Defense Advanced Research Projects Agency	401,075	12,833	0	0	0	109,683	0	136,980	141,579
Defense Threat Reduction Agency	197,135	0	0	0	0	22,384	0	0	174,751
Special Operations Command Washington Headquarters Services	26,018	0	0	0	0	0	0	0	26,018
64,346	0	0	1,776	7,776	8,090	1,797	0	44,907	
Department of the Air Force	803,210	535,989	60,372	4,371	12,075	91,006	27,951	65,870	5,576
Air Force, Materials Command	801,506	535,989	60,372	4,371	12,075	90,976	27,951	65,870	3,902
Air Force, Space Command	1,704	0	0	0	0	30	0	0	1,674
Department of the Army	391,877	39,049	58	16,612	33,884	95,691	76,571	31,569	98,443
Department of the Navy	554,265	36,666	8,283	0	0	151,888	33,888	53,986	269,554
Department of Education	16,721	0	0	0	0	0	0	0	16,721
Department of Energy	1,208,657	0	0	91,240	47,361	31,876	351	91,987	945,842
Energy Efficiency and Renewable Energy	233,553	0	0	0	46,361	30,782	271	304	155,835
Fossil Energy	92,726	0	0	90,375	700	0	0	1,651	0
National Nuclear Security Administration	838,375	0	0	865	100	285	0	90,032	747,093
Defense Programs	805,062	0	0	0	0	0	0	90,032	715,030
Nonproliferation and Verification	33,313	0	0	865	100	285	0	0	32,063
Other Department of Energy programs	44,003	0	0	0	200	809	80	0	42,914
Bonneville Power Administration	1,089	0	0	0	200	809	80	0	0
Civilian Radioactive Waste Management	414	0	0	0	0	0	0	0	414
Nuclear Energy	42,500	0	0	0	0	0	0	0	42,500
Department of Health and Human Services	96,085	0	0	0	0	0	0	0	96,085
National Institutes of Health	96,085	0	0	0	0	0	0	0	96,085
Department of Housing and Urban Development	3,649	0	0	0	0	0	0	0	3,649
Department of the Interior	11,057	0	0	1,869	6,489	703	412	481	1,103
Bureau of Reclamation	2,996	0	0	824	1,394	203	412	163	0
Geological Survey	3,109	0	0	0	2,609	500	0	0	0
Minerals Management Service	4,952	0	0	1,045	2,486	0	0	318	1,103

See explanatory information, if any, and SOURCE at end of table.

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Agency	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, nec
Department of Transportation	289,574	0	0	0	99,077	1,624	16,104	62,758	110,011
Coast Guard	3,461	0	0	0	360	1,624	721	756	0
Federal Aviation Administration	84,083	0	0	0	22,081	0	0	62,002	0
Federal Highway Administration	108,558	0	0	0	76,636	0	0	0	31,922
Federal Railroad Administration	29,744	0	0	0	0	0	0	0	29,744
National Highway Traffic Safety Administration	40,691	0	0	0	0	0	15,383	0	25,308
Research and Special Programs Administration	3,213	0	0	0	0	0	0	0	3,213
Transportation Security Administration	19,824	0	0	0	0	0	0	0	19,824
Department of the Treasury	4	0	0	4	0	0	0	0	0
United States Customs Service	4	0	0	4	0	0	0	0	0
Department of Veterans Affairs	14,826	0	0	0	0	0	0	0	14,826
Other agencies									
Broadcasting Board of Governors	250	0	0	0	0	0	0	0	250
Environmental Protection Agency	42,168	0	0	5,802	13,926	210	465	354	21,411
Federal Communications Commission	1,335	0	0	0	0	1,335	0	0	0
National Aeronautics and Space Administration	1,897,739	1,202,477	623,932	519	33	16,625	11,114	4,231	38,808
National Science Foundation	118,929	0	0	9,882	8,285	11,938	625	946	87,253
Nuclear Regulatory Commission	74,314	0	0	0	0	0	0	0	74,314

nec = Not elsewhere classified.

NOTE: Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FYs 2002, 2003, and 2004.