

TABLE 43. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2004

(Dollars in thousands)

Agency	Total	Mathematics							Engineering
		Environmental sciences	Life sciences	and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	
All agencies	28,013,321	1,812,004	14,251,018	1,634,419	1,534,112	590,769	709,238	590,207	6,891,554
Departments									
Department of Agriculture	970,713	10,259	751,314	14,018	42,409	347	108,681	3,024	40,661
Agricultural Marketing Service	7,392	0	7,392	0	0	0	0	0	0
Agricultural Research Service	389,689	1,715	358,007	507	25,953	0	0	0	3,507
Cooperative State Research, Education, and Extension Service	367,385	3,740	305,092	0	11,471	0	33,622	0	13,460
Economic Research Service	63,883	0	0	0	0	0	63,883	0	0
Foreign Agricultural Service	688	0	688	0	0	0	0	0	0
Forest Service	134,100	4,804	77,635	9,635	4,985	347	9,976	3,024	23,694
National Agricultural Statistics Service	3,876	0	0	3,876	0	0	0	0	0
Rural Business-Cooperative Service	3,700	0	2,500	0	0	0	1,200	0	0
Department of Commerce	897,402	444,769	110,303	67,356	83,935	46	10,279	8,197	172,517
Economic Development Administration	275	0	0	0	0	0	0	275	0
National Institute of Standards and Technology	309,090	1,990	12,067	63,696	63,765	0	364	7,922	159,286
National Oceanic and Atmospheric Administration	581,315	442,779	98,236	3,356	20,170	0	9,758	0	7,016
National Telecommunications and Information Administration	6,215	0	0	0	0	0	0	0	6,215
U.S. Census Bureau	507	0	0	304	0	46	157	0	0
Department of Defense	4,504,173	177,413	621,519	702,536	313,481	93,219	11,821	124,667	2,459,517
Defense agencies	1,682,128	5,015	346,666	513,216	70,874	22,797	0	65,730	657,830
Chemical and Biological Defense	161,529	0	140,968	0	20,561	0	0	0	0
Defense Advanced Research Projects Agency	1,229,627	0	168,349	476,334	26,022	0	0	31,361	527,561
Defense Logistics Agency	22,128	0	0	2,349	0	19,779	0	0	0
Defense Threat Reduction Agency	187,398	0	668	25,836	22,047	0	0	33,506	105,341
Special Operations Command	21,888	0	4,638	0	0	0	0	863	16,387
Washington Headquarters Services	59,558	5,015	32,043	8,697	2,244	3,018	0	0	8,541
Department of the Air Force	1,054,306	23,957	43,059	65,130	131,005	54,822	0	8,422	727,911
Materiel Command	1,048,211	23,957	43,059	64,643	131,005	54,822	0	8,422	722,303
Space Command	6,095	0	0	487	0	0	0	0	5,608
Department of the Army	1,017,066	37,342	182,048	94,164	104,096	15,600	11,821	50,515	521,480
Civil Functions	23,393	5,848	0	0	0	0	0	0	17,545
Military Functions	993,673	31,494	182,048	94,164	104,096	15,600	11,821	50,515	503,935
Department of the Navy	750,673	111,099	49,746	30,026	7,506	0	0	0	552,296
Department of Education	194,715	0	18,235	0	0	5,027	157,926	0	13,527

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Agency	Total	Mathematics							
		Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
Department of Energy	3,041,284	42,954	11,310	689,346	672,818	0	0	9,566	1,615,290
Bonneville Power Administration	11,962	0	11,310	0	0	0	0	155	497
Civilian Radioactive Waste Management	82,165	0	0	0	63,596	0	0	6,409	12,160
Energy Efficiency and Renewable Energy	303,533	0	0	0	0	0	0	0	303,533
Environmental Management	17,891	17,891	0	0	0	0	0	0	0
Fossil Energy	221,555	19,813	0	0	26,190	0	0	0	175,552
National Nuclear Security Administration	2,302,450	5,250	0	689,346	583,032	0	0	0	1,024,822
Defense Programs	2,242,054	0	0	684,297	544,557	0	0	0	1,013,200
Nonproliferation and Verification	60,396	5,250	0	5,049	38,475	0	0	0	11,622
Nuclear Energy	98,726	0	0	0	0	0	0	0	98,726
Office of Science	3,002	0	0	0	0	0	0	3,002	0
Department of Health and Human Services	13,386,497	217,183	11,823,090	46,469	231,872	439,912	196,847	304,785	126,339
Administration for Children and Families	21,331	0	0	0	0	0	21,331	0	0
Administration on Aging	3,018	0	0	0	0	0	3,018	0	0
Agency for Healthcare Research and Quality	279,399	0	124,645	25,790	320	30	56,753	71,861	0
Agency for Toxic Substances and Disease Registry	14,893	521	14,149	0	0	89	134	0	0
Centers for Disease Control and Prevention	539,000	0	539,000	0	0	0	0	0	0
Centers for Medicare and Medicaid Services	77,791	0	77,791	0	0	0	0	0	0
Food and Drug Administration	132,298	0	132,298	0	0	0	0	0	0
Health Resources and Services Administration	14,997	0	14,997	0	0	0	0	0	0
National Institutes of Health	12,287,178	216,662	10,920,210	20,679	231,552	439,793	99,019	232,924	126,339
Office of the Secretary	16,592	0	0	0	0	0	16,592	0	0
Office of the Assistant Secretary, Planning and Evaluation	16,592	0	0	0	0	0	16,592	0	0
Department of Housing and Urban Development	18,386	676	0	161	0	0	14,171	946	2,432
Department of the Interior	489,649	305,685	165,848	5,008	543	0	2,888	320	9,357
Bureau of Reclamation	3,537	0	303	0	0	0	0	320	2,914
Geological Survey	459,361	291,029	160,046	4,660	0	0	1,813	0	1,813
Minerals Management Service	26,751	14,656	5,499	348	543	0	1,075	0	4,630
Department of Justice	21,285	0	0	600	0	500	13,310	6,875	0
Bureau of Prisons	4,300	0	0	600	0	500	3,200	0	0
Office of Justice Programs	16,985	0	0	0	0	0	10,110	6,875	0
Department of Labor	21,153	0	0	0	0	0	21,153	0	0
Bureau of Labor Statistics	8,300	0	0	0	0	0	8,300	0	0
Employee Benefits Security Administration	2,752	0	0	0	0	0	2,752	0	0
Employment and Training Administration	6,000	0	0	0	0	0	6,000	0	0

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Agency	Total	Mathematics							
		Environmental sciences	Life sciences	and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
Occupational Safety and Health Administration	3,230	0	0	0	0	0	3,230	0	0
Office of the Secretary	800	0	0	0	0	0	800	0	0
Pension Benefit Guaranty Corporation	71	0	0	0	0	0	71	0	0
Department of State	2,175	0	0	0	0	0	2,175	0	0
Department of Transportation	454,520	26,971	14,680	12,372	337	17,191	11,934	19,724	351,311
Federal Aviation Administration	121,029	23,711	8,830	0	0	17,191	0	10,764	60,533
Federal Highway Administration	230,302	3,235	108	3,682	0	0	5,634	2,477	215,166
Federal Motor Carrier Safety Administration	6,642	0	72	0	287	0	0	6,283	0
Federal Railroad Administration	29,294	0	0	0	0	0	0	0	29,294
National Highway Traffic Safety Administration	63,240	0	5,670	8,190	0	0	6,300	0	43,080
Research and Special Programs Administration	4,013	25	0	500	50	0	0	200	3,238
Department of the Treasury	62,721	0	0	0	5,015	0	0	57,706	0
Bureau of Engraving and Printing	5,015	0	0	0	5,015	0	0	0	0
Internal Revenue Service	57,706	0	0	0	0	0	0	57,706	0
Department of Veterans Affairs	199,517	0	178,747	0	0	15,124	0	0	5,646
Other agencies									
Agency for International Development	270,641	4,470	191,815	0	0	0	73,740	616	0
Appalachian Regional Commission	703	0	0	0	0	0	703	0	0
Environmental Protection Agency	369,100	134,884	137,715	14,311	12,147	0	7,470	13,784	48,789
Federal Communications Commission	6,286	0	0	50	910	0	4,022	0	1,304
Federal Trade Commission	1,665	0	0	0	0	0	1,665	0	0
Library of Congress	3,772	0	0	3,550	222	0	0	0	0
National Aeronautics and Space Administration	2,751,546	446,104	217,536	65,579	150,686	19,191	0	19,612	1,832,838
National Archives and Records Administration	120	0	0	0	120	0	0	0	0
National Science Foundation	210,729	636	8,906	13,063	19,617	212	13,827	20,385	134,083
Nuclear Regulatory Commission	77,943	0	0	0	0	0	0	0	77,943
Social Security Administration	56,626	0	0	0	0	0	56,626	0	0

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.