

TABLE 21. Preliminary federal obligations for research, by agency and field of science and engineering: FY 2004

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies	54,449,671	3,957,316	29,745,948	2,805,774	5,384,300	1,149,799	1,067,152	1,295,782	9,043,600
Departments									
Department of Agriculture	1,984,975	18,505	1,623,663	18,687	99,310	515	147,164	3,989	73,142
Agricultural Marketing Service	7,392	0	7,392	0	0	0	0	0	0
Agricultural Research Service	985,046	4,335	904,961	1,281	65,604	0	0	0	8,865
Cooperative State Research, Education, and Extension Service	654,200	6,660	543,276	0	20,426	0	59,870	0	23,968
Economic Research Service	70,981	0	0	0	0	0	70,981	0	0
Foreign Agricultural Service	1,600	0	1,600	0	0	0	0	0	0
Forest Service	256,280	7,510	163,934	11,630	13,280	515	15,113	3,989	40,309
National Agricultural Statistics Service	5,776	0	0	5,776	0	0	0	0	0
Rural Business-Cooperative Service	3,700	0	2,500	0	0	0	1,200	0	0
Department of Commerce	957,641	445,600	113,630	69,186	133,660	91	10,437	8,543	176,494
Economic Development Administration	550	0	0	0	0	0	0	550	0
National Institute of Standards and Technology	368,547	2,821	15,394	65,222	113,490	0	364	7,993	163,263
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	1,014	0	0	608	0	91	315	0	0
Department of Defense	5,957,675	349,770	816,523	863,748	495,992	103,929	42,635	170,387	3,114,691
Defense agencies	1,917,444	12,215	419,221	543,964	77,996	23,901	0	71,164	768,983
Chemical and Biological Defense	203,298	0	179,337	0	23,961	0	0	0	0
Defense Advanced Research Projects Agency	1,368,876	0	201,561	500,125	26,022	0	0	35,623	605,545
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	113,856	12,215	33,017	15,654	5,966	4,122	0	1,172	41,710
Department of the Air Force	1,470,353	23,957	57,403	99,480	165,491	55,696	0	21,178	1,047,148
Materiel Command	1,253,762	23,957	57,403	98,993	165,491	55,696	0	21,178	831,044
Space Command	216,591	0	0	487	0	0	0	0	216,104
Department of the Army	1,362,903	48,746	230,383	153,224	178,804	24,332	42,635	78,045	606,734
Civil Functions	26,041	6,907	0	0	0	0	0	0	19,134
Military Functions	1,336,862	41,839	230,383	153,224	178,804	24,332	42,635	78,045	587,600
Department of the Navy	1,206,975	264,852	109,516	67,080	73,701	0	0	0	691,826
Department of Education	203,787	0	18,235	0	0	5,027	166,998	0	13,527

TABLE 21. Preliminary federal obligations for research, by agency and field of science and engineering: FY 2004

(Dollars in thousands)

Agency	Total	Mathematics							
		Environmental sciences	Life sciences	and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
Department of Energy	5,811,912	300,325	431,166	882,737	2,214,956	0	0	9,566	1,973,162
Bonneville Power Administration	15,355	0	14,703	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	334,648	0	7,318	0	23,797	0	0	0	303,533
Environmental Management	17,891	17,891	0	0	0	0	0	0	0
Fossil Energy	231,170	19,813	0	0	35,805	0	0	0	175,552
National Nuclear Security Administration	2,313,614	5,250	0	689,412	592,691	0	0	0	1,026,261
Defense Programs	2,242,054	0	0	684,297	544,557	0	0	0	1,013,200
Nonproliferation and Verification	71,560	5,250	0	5,115	48,134	0	0	0	13,061
Nuclear Energy	98,726	0	0	0	0	0	0	0	98,726
Office of Science	2,718,343	257,371	409,145	193,325	1,499,067	0	0	3,002	356,433
Department of Health and Human Services	28,106,228	476,696	24,905,497	71,238	509,220	966,686	315,449	583,777	277,665
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	17,411	0	17,411	0	0	0	0	0	0
National Institutes of Health	27,004,495	476,175	24,000,203	45,448	508,900	966,567	217,621	511,916	277,665
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	529,623	337,685	171,269	6,661	543	0	3,338	320	9,807
Bureau of Reclamation	3,537	0	303	0	0	0	0	320	2,914
Geological Survey	499,335	323,029	165,467	6,313	0	0	2,263	0	2,263
Minerals Management Service	26,751	14,656	5,499	348	543	0	1,075	0	4,630
Department of Justice	36,385	0	0	600	0	500	28,410	6,875	0
Bureau of Prisons	4,300	0	0	600	0	500	3,200	0	0
Office of Justice Programs	32,085	0	0	0	0	0	25,210	6,875	0
Department of Labor	34,953	0	0	0	0	0	34,953	0	0
Bureau of Labor Statistics	22,100	0	0	0	0	0	22,100	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	Environmental sciences	Life sciences	Mathematics 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	477,682	26,971	14,680	12,372	337	17,191	11,934	19,724	374,473
Federal Aviation Administration	121,029	23,711	8,830	0	0	17,191	0	10,764	60,533
Federal Highway Administration	253,464	3,235	108	3,682	0	0	5,634	2,477	238,328
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	62,931	0	0	0	5,225	0	0	57,706	0
Bureau of Engraving and Printing	5,225	0	0	0	5,225	0	0	0	0
Internal Revenue Service	57,706	0	0	0	0	0	0	57,706	0
Department of Veterans Affairs	375,874	0	336,745	0	0	28,492	0	0	10,637
Other agencies									
Agency for International Development	270,741	4,470	191,815	0	0	0	73,740	716	0
Appalachian Regional Commission	703	0	0	0	0	0	703	0	0
Environmental Protection Agency	458,607	151,158	196,674	16,235	15,862	0	7,470	18,148	53,060
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	5,170,828	1,169,352	323,992	90,844	1,139,036	23,492	438	174,176	2,249,498
National Archives and Records Administration	120	0	0	0	120	0	0	0	0
National Science Foundation	3,730,153	671,488	561,713	769,705	719,054	3,876	128,687	239,865	635,765
Nuclear Regulatory Commission	77,943	0	0	0	0	0	0	0	77,943
Smithsonian Institution	112,000	4,620	40,346	0	49,853	0	16,137	1,044	0
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.