

TABLE C-44. Preliminary Federal obligations for applied research, by agency and field of science and engineering: FY 2004
(Dollars in thousands)

Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
All agencies	27,428,744	13,912,035	524,053	1,479,876	1,668,491	1,705,228	6,793,019	803,610	542,432
Departments									
Department of Agriculture	861,856	663,065	295	41,228	7,171	11,913	32,023	103,604	2,557
Agricultural Marketing Service	4,633	4,633	0	0	0	0	0	0	0
Agricultural Research Service	386,866	355,414	0	25,765	1,702	503	3,482	0	0
Cooperative State Research, Ed., and Extension Service	280,512	234,675	0	11,248	1,407	0	8,505	24,677	0
Economic Research Service	68,991	0	0	0	0	0	0	68,991	0
Foreign Agricultural Service	688	688	0	0	0	0	0	0	0
Forest Service	113,400	65,651	295	4,215	4,062	8,148	20,036	8,436	2,557
National Agricultural Statistics Service	3,262	0	0	0	0	3,262	0	0	0
Rural Business-Cooperative Service	3,504	2,004	0	0	0	0	0	1,500	0
Department of Commerce	905,005	188,108	0	86,410	431,020	56,835	133,126	8,726	780
Bureau of the Census	2,204	0	0	0	0	2,204	0	0	0
Economic Development Administration	275	0	0	0	0	0	0	275	0
National Institute of Standards and Technology	242,657	2,421	0	67,455	414	51,416	120,137	34	780
National Oceanic and Atmospheric Administration	653,191	185,687	0	18,955	430,606	3,215	6,311	8,417	0
National Telecommunications and Information Administration	6,678	0	0	0	0	0	6,678	0	0
Department of Defense	4,267,648	511,615	57,062	300,233	100,611	755,140	2,376,509	8,781	157,697
Defense Agencies	1,799,790	326,302	22,615	86,137	0	575,436	698,137	0	91,163
Chemical and Biological Defense	168,228	135,292	0	32,936	0	0	0	0	0
Defense Advanced Research Projects Agency	1,235,890	170,356	0	17,055	0	533,824	483,211	0	31,444
Defense Logistics Agency	22,615	0	22,615	0	0	0	0	0	0
Defense Threat Reduction Agency	297,212	1,047	0	36,046	0	39,112	161,492	0	59,515
Special Operations Command	24,253	1,000	0	0	0	0	23,049	0	204
Washington Headquarters Services	51,592	18,607	0	100	0	2,500	30,385	0	0
Department of the Air Force	1,220,921	34,794	32,305	128,476	5,814	56,656	959,412	0	3,464
Air Force, Materials Command	1,220,920	34,794	32,305	128,476	5,814	56,656	959,411	0	3,464
Air Force, Space Command	1	0	0	0	0	0	1	0	0
Department of the Army	692,110	113,751	2,142	80,072	12,683	100,856	310,755	8,781	63,070
Department of the Navy	554,827	36,768	0	5,548	82,114	22,192	408,205	0	0
Department of Education	213,172	17,647	4,418	0	0	0	15,858	175,249	0
Department of Energy	2,908,813	11,310	0	607,449	41,895	719,880	1,516,415	0	11,864
Energy Efficiency and Renewable Energy	276,290	0	0	0	0	0	276,290	0	0
Fossil Energy	172,950	0	0	28,555	20,011	0	124,384	0	0
National Nuclear Security Administration	2,322,476	0	0	552,303	2,686	719,880	1,047,607	0	0
Defense Programs	2,252,942	0	0	504,066	0	713,326	1,035,550	0	0
Nonproliferation and Verification	69,534	0	0	48,237	2,686	6,554	12,057	0	0
Office of Science	3,000	0	0	0	0	0	0	0	3,000
Other Department of Energy programs	134,097	11,310	0	26,591	19,198	0	68,134	0	8,864
Bonneville Power Administration	11,806	11,310	0	0	0	0	496	0	0
Civilian Radioactive Waste Management	59,092	0	0	26,591	0	0	23,637	0	8,864
Environmental Management	19,198	0	0	0	19,198	0	0	0	0
Nuclear Energy	44,001	0	0	0	0	0	44,001	0	0

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

TABLE C-44. Preliminary Federal obligations for applied research, by agency and field of science and engineering: FY 2004
(Dollars in thousands)

Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
Department of Health and Human Services	13,088,507	11,627,131	406,191	235,270	150,417	43,071	125,105	200,192	301,130
Administration for Children and Families	24,282	0	0	0	0	0	0	24,282	0
Agency for Healthcare Research and Quality	256,680	121,319	30	285	0	20,731	0	57,113	57,202
Centers for Disease Control and Prevention	531,000	531,000	0	0	0	0	0	0	0
Centers for Medicare and Medicaid Services	63,400	63,400	0	0	0	0	0	0	0
Food and Drug Administration	134,909	134,909	0	0	0	0	0	0	0
Health Resources and Services Administration	13,225	13,225	0	0	0	0	0	0	0
National Institutes of Health	12,065,011	10,763,278	406,161	234,985	150,417	22,340	125,105	118,797	243,928
Department of Homeland Security	88,053	0	990	24,480	687	1,407	60,489	0	0
Transportation Security Administration	81,600	0	0	24,480	0	0	57,120	0	0
United States Coast Guard	6,453	0	990	0	687	1,407	3,369	0	0
Department of Housing and Urban Development	17,806	0	0	0	685	280	4,007	11,740	1,094
Department of the Interior	461,867	158,907	0	0	286,703	4,506	8,525	2,895	331
Bureau of Reclamation	2,812	313	0	0	0	0	2,168	0	331
Geological Survey	432,597	154,584	0	0	270,507	4,506	1,500	1,500	0
Minerals Management Service	26,458	4,010	0	0	16,196	0	4,857	1,395	0
Department of Justice	13,850	0	500	0	0	500	0	7,950	4,900
Bureau of Prisons	3,850	0	500	0	0	500	0	2,850	0
Office of Justice Programs	10,000	0	0	0	0	0	0	5,100	4,900
Department of Labor	14,790	0	0	0	0	0	0	14,790	0
Bureau of Labor Statistics	8,300	0	0	0	0	0	0	8,300	0
Occupational Safety and Health Administration	3,992	0	0	0	0	0	0	3,992	0
Office of the Secretary	300	0	0	0	0	0	0	300	0
Pension and Welfare Benefits Administration	2,129	0	0	0	0	0	0	2,129	0
Pension Benefit Guaranty Corporation	69	0	0	0	0	0	0	69	0
Department of State	1,933	0	0	0	0	0	0	1,933	0
Department of Transportation	384,422	13,524	17,293	289	25,791	10,559	281,225	18,525	17,216
Federal Aviation Administration	100,000	6,382	17,293	0	20,852	0	46,192	0	9,281
Federal Highway Administration	185,834	1,624	0	0	4,914	2,454	161,707	11,068	4,067
Federal Motor Carrier Safety Administration	5,344	109	0	289	0	0	0	1,453	3,493
Federal Railroad Administration	27,043	0	0	0	0	0	27,043	0	0
National Highway Traffic Safety Administration	59,867	5,409	0	0	0	7,805	40,649	6,004	0
Research and Special Programs Administration	6,334	0	0	0	25	300	5,634	0	375
Department of the Treasury	69,537	0	1,024	6,286	0	0	0	62,227	0
Bureau of Engraving and Printing	6,286	0	0	6,286	0	0	0	0	0
Internal Revenue Service	62,050	0	0	0	0	0	0	62,050	0
Office of Thrift Supervision	177	0	0	0	0	0	0	177	0
United States Secret Service	1,024	0	1,024	0	0	0	0	0	0
Department of Veterans Affairs	199,722	178,931	15,139	0	0	0	5,652	0	0

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Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
Other agencies									
Agency for International Development	252,775	160,500	0	0	5,466	0	0	86,014	795
Appalachian Regional Commission	343	0	0	0	0	0	0	343	0
Broadcasting Board of Governors	51	0	0	0	0	0	51	0	0
Environmental Protection Agency	369,100	137,715	0	12,148	134,884	14,311	48,789	7,470	13,783
Federal Communications Commission	2,759	0	0	360	0	60	1,247	1,092	0
Federal Trade Commission	1,679	0	0	0	0	0	0	1,679	0
Library of Congress	788	0	0	143	0	550	0	0	95
National Aeronautics and Space Administration	2,948,646	234,673	20,815	152,509	481,454	70,775	1,978,076	0	10,344
National Archives and Records Administration	120	0	0	120	0	0	0	0	0
National Science Foundation	203,992	8,909	326	12,951	1,707	15,441	130,812	14,000	19,846
Nuclear Regulatory Commission	75,110	0	0	0	0	0	75,110	0	0
Social Security Administration	76,400	0	0	0	0	0	0	76,400	0

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.