

TABLE C-42. Federal obligations for applied research, by agency and field of science and engineering: FY 2002
(Dollars in thousands)

Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
All agencies	24,338,366	11,452,665	441,257	1,577,362	1,584,973	1,631,972	6,409,993	676,865	563,279
Departments									
Department of Agriculture	880,345	688,068	295	39,754	8,246	11,761	31,503	98,151	2,567
Agricultural Marketing Service	4,413	4,413	0	0	0	0	0	0	0
Agricultural Research Service	381,529	350,511	0	25,410	1,679	496	3,433	0	0
Cooperative State Research, Ed., and Extension Service	312,277	264,105	0	10,112	2,489	0	7,953	27,618	0
Economic Research Service	60,340	0	0	0	0	0	0	60,340	0
Foreign Agricultural Service	623	623	0	0	0	0	0	0	0
Forest Service	113,850	65,912	295	4,232	4,078	8,180	20,117	8,469	2,567
National Agricultural Statistics Service	3,085	0	0	0	0	3,085	0	0	0
Rural Business-Cooperative Service	4,228	2,504	0	0	0	0	0	1,724	0
Department of Commerce	921,922	202,974	0	81,227	393,570	69,741	164,518	9,749	143
Bureau of the Census	3,192	0	0	0	0	3,192	0	0	0
Economic Development Administration	406	0	0	0	0	0	0	406	0
National Institute of Standards and Technology	298,551	16,236	0	62,581	2,051	63,344	153,852	344	143
National Oceanic and Atmospheric Administration	615,691	186,738	0	18,646	391,519	3,205	6,584	8,999	0
National Telecommunications and Information Administration	4,082	0	0	0	0	0	4,082	0	0
Department of Defense	4,452,840	526,762	42,242	334,884	153,705	724,594	2,438,664	16,273	215,716
Defense Agencies	1,754,241	308,948	11,090	110,921	6,958	509,505	689,312	0	117,507
Ballistic Missile Defense Organization	762	0	0	24	0	0	738	0	0
Chemical and Biological Defense	191,427	144,837	0	46,217	0	373	0	0	0
Defense Advanced Research Projects Agency	1,048,405	132,308	0	16,311	4,582	463,091	401,075	0	31,038
Defense Logistics Agency	8,714	0	8,714	0	0	0	0	0	0
Defense Threat Reduction Agency	368,015	733	0	44,984	0	38,907	197,135	0	86,256
Special Operations Command	27,325	1,094	0	0	0	0	26,018	0	213
TRICARE Management Activity ¹	1,460	1,460	0	0	0	0	0	0	0
Washington Headquarters Services	108,133	28,516	2,376	3,385	2,376	7,134	64,346	0	0
Department of the Air Force	1,058,435	30,453	31,152	126,852	6,014	55,064	803,210	0	5,690
Air Force, Materials Command	1,056,320	30,453	31,152	126,852	6,014	54,653	801,506	0	5,690
Air Force, Space Command	2,115	0	0	0	0	411	1,704	0	0
Department of the Army	886,883	137,455	0	89,580	29,277	129,902	391,877	16,273	92,519
Department of the Navy	753,281	49,906	0	7,531	111,456	30,123	554,265	0	0
Department of Education	178,285	17,203	4,255	0	0	0	16,721	140,106	0
Department of Energy	2,584,648	35,115	0	582,596	73,737	668,089	1,208,657	0	16,454
Energy Efficiency and Renewable Energy	233,553	0	0	0	0	0	233,553	0	0
Fossil Energy	136,897	0	0	25,201	18,970	0	92,726	0	0
National Nuclear Security Administration	2,046,064	25,115	0	506,725	5,790	668,089	838,375	0	1,970
Defense Programs	1,893,925	0	0	428,807	0	660,056	805,062	0	0
Nonproliferation and Verification	152,139	25,115	0	77,918	5,790	8,033	33,313	0	1,970
Office of Science	3,046	0	0	0	0	0	0	0	3,046

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

TABLE C-42. Federal obligations for applied research, by agency and field of science and engineering: FY 2002
(Dollars in thousands)

Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
Other Department of Energy programs	165,088	10,000	0	50,670	48,977	0	44,003	0	11,438
Bonneville Power Administration	11,089	10,000	0	0	0	0	1,089	0	0
Civilian Radioactive Waste Management	62,522	0	0	50,670	0	0	414	0	11,438
Environmental Management	48,977	0	0	0	48,977	0	0	0	0
Nuclear Energy	42,500	0	0	0	0	0	42,500	0	0
Department of Health and Human Services	10,370,131	9,197,785	312,052	180,782	115,960	39,354	96,085	179,523	248,590
Administration for Children and Families	23,293	0	0	0	0	0	0	23,293	0
Administration on Aging	3,728	0	0	0	0	0	0	3,728	0
Agency for Healthcare Research and Quality	274,821	129,893	32	305	0	22,196	0	61,150	61,245
Agency for Toxic Substances and Disease Registry	12,436	11,814	75	0	435	0	0	112	0
Centers for Disease Control and Prevention	521,000	521,000	0	0	0	0	0	0	0
Centers for Medicare and Medicaid Services	117,015	117,015	0	0	0	0	0	0	0
Food and Drug Administration	136,316	136,316	0	0	0	0	0	0	0
Health Resources and Services Administration	15,200	15,200	0	0	0	0	0	0	0
National Institutes of Health	9,266,322	8,266,547	311,945	180,477	115,525	17,158	96,085	91,240	187,345
Department of Housing and Urban Development	16,216	0	0	0	625	255	3,649	10,691	996
Department of the Interior	511,556	161,435	0	954	326,162	7,384	11,057	4,235	329
Bureau of Reclamation	3,636	311	0	0	0	0	2,996	0	329
Geological Survey	464,118	150,458	0	200	301,901	6,900	3,109	1,550	0
Minerals Management Service	31,198	4,434	0	0	19,489	94	4,952	2,229	0
National Park Service ²	12,604	6,232	0	754	4,772	390	0	456	0
Department of Justice	23,756	0	450	0	0	500	0	12,550	10,256
Bureau of Prisons	3,642	0	450	0	0	500	0	2,292	400
Office of Justice Programs	20,114	0	0	0	0	0	0	10,258	9,856
Department of Labor	15,279	0	0	0	0	0	0	15,279	0
Bureau of Labor Statistics	8,300	0	0	0	0	0	0	8,300	0
Occupational Safety and Health Administration	3,839	0	0	0	0	0	0	3,839	0
Office of the Secretary	342	0	0	0	0	0	0	342	0
Pension and Welfare Benefits Administration	2,733	0	0	0	0	0	0	2,733	0
Pension Benefit Guaranty Corporation	65	0	0	0	0	0	0	65	0
Department of State	2,304	0	0	0	0	0	0	2,304	0

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

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(Dollars in thousands)

Agency	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, nec
Department of Transportation	494,581	11,716	24,387	91,120	27,549	11,585	289,574	10,810	27,840
Coast Guard	6,408	0	818	0	697	1,432	3,461	0	0
Federal Aviation Administration	244,839	6,121	23,569	82,624	23,668	0	84,083	0	24,774
Federal Highway Administration	121,149	105	0	0	3,134	2,162	108,558	4,893	2,297
Federal Motor Carrier Safety Administration	165	165	0	0	0	0	0	0	0
Federal Railroad Administration	29,744	0	0	0	0	0	29,744	0	0
Federal Transit Administration	592	0	0	0	0	0	0	0	592
National Highway Traffic Safety Administration	59,624	5,325	0	0	0	7,691	40,691	5,917	0
Research and Special Programs Administration	3,740	0	0	0	50	300	3,213	0	177
Transportation Security Administration	28,320	0	0	8,496	0	0	19,824	0	0
Department of the Treasury	61,128	19	787	4,615	0	17	4	55,686	0
Bureau of Engraving and Printing	4,615	0	0	4,615	0	0	0	0	0
Internal Revenue Service	55,539	0	0	0	0	0	0	55,539	0
Office of Thrift Supervision	147	0	0	0	0	0	0	147	0
United States Customs Service	40	19	0	0	0	17	4	0	0
United States Secret Service	787	0	787	0	0	0	0	0	0
Department of Veterans Affairs	172,601	121,149	36,626	0	0	0	14,826	0	0
Other agencies									
Agency for International Development	247,469	165,145	0	0	4,407	0	0	77,102	815
Appalachian Regional Commission	670	0	0	0	0	0	0	670	0
Broadcasting Board of Governors	250	0	0	0	0	0	250	0	0
Environmental Protection Agency	259,900	90,619	0	8,234	95,209	8,940	42,168	3,627	11,103
Federal Communications Commission	4,417	0	0	260	0	43	1,335	2,779	0
Federal Trade Commission	1,803	0	0	0	0	0	0	1,803	0
Library of Congress	1,743	0	0	243	0	1,500	0	0	0
National Aeronautics and Space Administration	2,853,827	226,576	19,866	240,798	384,251	74,171	1,897,739	0	10,426
National Archives and Records Administration	120	0	0	120	0	0	0	0	0
National Science Foundation	185,462	8,099	297	11,775	1,552	14,038	118,929	12,728	18,044
Nuclear Regulatory Commission	74,314	0	0	0	0	0	74,314	0	0
Social Security Administration	22,799	0	0	0	0	0	0	22,799	0

¹ TRICARE Management Activity oversees delivery of healthcare to active duty and retired members of the uniformed services, their family members, and their survivors.

² Obligations for FYs 2002-2004 are for the National Park Service's (NPS) natural resources program only; data for the NPS cultural resources program were not available for this survey cycle.

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.