

TABLE C-49. Federal obligations for development, by agency and performer: FY 2002
(Dollars in thousands)

Agency	Total	Intra- mural ¹	Extramural							
			United States and U.S. territories							Foreign
			Industry	Indus- try FFRDCs	Univer- sities and colleges	Univer- sity FFRDCs	Other nonprofit insti- tutions	Non- profit FFRDCs	State and local govts	
All agencies	37,846,257	9,187,365	23,751,423	413,742	1,004,714	1,421,782	1,016,108	655,158	176,744	219,221
Departments										
Department of Agriculture	161,348	149,330	0	0	10,933	0	708	0	50	327
Agricultural Marketing Service	774	774	0	0	0	0	0	0	0	0
Agricultural Research Service	95,382	87,430	0	0	6,867	0	708	0	50	327
Animal and Plant Health Inspection Service	23,743	19,677	0	0	4,066	0	0	0	0	0
Forest Service	35,420	35,420	0	0	0	0	0	0	0	0
Grain Inspection Packers and Stockyards Administration	6,029	6,029	0	0	0	0	0	0	0	0
Department of Commerce	156,903	60,592	80,124	0	2,750	0	9,477	0	3,960	0
Bureau of the Census	22,719	22,719	0	0	0	0	0	0	0	0
National Institute of Standards and Technology	96,728	17,530	76,196	0	357	0	2,645	0	0	0
National Oceanic and Atmospheric Administration	21,970	17,271	3,928	0	0	0	278	0	493	0
National Telecommunications and Information Administration	15,486	3,072	0	0	2,393	0	6,554	0	3,467	0
Department of Defense	31,291,755	7,641,173	21,815,211	105,444	628,011	290,519	149,404	447,237	3,965	210,791
Defense Agencies	9,422,213	1,853,026	6,752,239	95,500	253,008	205,274	33,199	113,679	0	116,288
Ballistic Missile Defense Organization	6,261,697	1,022,284	4,873,636	50,507	63,677	116,017	3,255	49,658	0	82,663
Chemical and Biological Defense	153,402	40,866	107,721	0	2,834	0	1,981	0	0	0
Defense Advanced Research Projects Agency	974,107	133,726	664,843	14,373	89,494	38,433	14,474	14,203	0	4,561
Defense Information Systems Agency	205,705	65,999	117,659	0	1,694	202	8,903	11,248	0	0
Defense Logistics Agency	145,209	51,696	62,685	0	29,491	96	529	712	0	0
Defense Threat Reduction Agency	171,072	88,392	59,306	3,764	4,285	13,512	503	913	0	397
Joint Staff	59,444	59,444	0	0	0	0	0	0	0	0
Special Operations Command	373,371	128,736	241,955	0	2,680	0	0	0	0	0
TRICARE Management Activity ²	103,930	2,644	94,879	0	0	0	0	0	0	6,407
Washington Headquarters Services	974,276	259,239	529,555	26,856	58,853	37,014	3,554	36,945	0	22,260
Department of the Air Force	5,526,936	672,018	4,623,804	1,162	6,397	20,377	2,000	196,974	3,824	380
Air Force, Materials Command	3,313,615	588,914	2,645,712	0	5,558	4,120	2,000	66,931	0	380
Air Force, Space Command	2,213,321	83,104	1,978,092	1,162	839	16,257	0	130,043	3,824	0
Department of the Army	5,965,050	1,516,782	4,177,116	1,209	100,913	36,623	23,586	30,320	64	78,437
Department of the Navy	10,144,062	3,525,870	6,137,222	7,573	259,603	28,165	90,619	79,247	77	15,686
Operational Test and Evaluation, Director	233,494	73,477	124,830	0	8,090	80	0	27,017	0	0

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

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			Industry	Indus- try FFRDCs	Univer- sities and colleges	Univer- sity FFRDCs	Other nonprofit insti- tutions	Non- profit FFRDCs	State and local govts	
Department of Defense, advanced technology	5,214,451	1,293,949	3,282,473	46,167	311,395	109,792	78,459	69,927	3,824	18,465
Defense Agencies	2,370,869	612,509	1,365,431	44,958	190,484	91,253	20,037	30,250	0	15,947
Ballistic Missile Defense Organization	191,787	58,388	123,048	0	6,599	2,437	1,015	300	0	0
Chemical and Biological Defense	65,549	4,486	58,224	0	2,247	0	592	0	0	0
Defense Advanced Research Projects Agency	888,192	99,870	612,784	14,373	89,494	38,433	14,474	14,203	0	4,561
Defense Logistics Agency Defense Threat Reduction Agency	171,072	88,392	59,306	3,764	4,285	13,512	503	913	0	397
Joint Staff	59,444	59,444	0	0	0	0	0	0	0	0
Special Operations Command TRICARE Management Activity ²	156,816	54,069	101,621	0	1,126	0	0	0	0	0
Washington Headquarters Services	699	699	0	0	0	0	0	0	0	0
701,677	195,723	355,851	26,821	57,242	36,871	3,346	14,834	0	10,989	
Department of the Air Force	1,090,114	145,076	895,205	0	5,160	13,220	0	27,249	3,824	380
Air Force, Materials Command	533,224	128,074	398,950	0	5,160	0	0	660	0	380
Air Force, Space Command	556,890	17,002	496,255	0	0	13,220	0	26,589	3,824	0
Department of the Army ³	936,575	285,657	586,093	1,209	37,468	3,072	17,124	3,986	0	1,966
Department of the Navy Operational Test and Evaluation, Director	809,859	248,941	432,564	0	76,763	2,247	41,298	7,874	0	172
7,034	1,766	3,180	0	1,520	0	0	568	0	0	
Department of Defense, major systems	26,077,304	6,347,224	18,532,738	59,277	316,616	180,727	70,945	377,310	141	192,326
Defense Agencies	7,051,344	1,240,517	5,386,808	50,542	62,524	114,021	13,162	83,429	0	100,341
Ballistic Missile Defense Organization	6,069,910	963,896	4,750,588	50,507	57,078	113,580	2,240	49,358	0	82,663
Chemical and Biological Defense	87,853	36,380	49,497	0	587	0	1,389	0	0	0
Defense Advanced Research Projects Agency	85,915	33,856	52,059	0	0	0	0	0	0	0
Defense Information Systems Agency	205,705	65,999	117,659	0	1,694	202	8,903	11,248	0	0
Defense Logistics Agency	9,576	258	8,088	0	0	96	422	712	0	0
Special Operations Command TRICARE Management Activity ²	216,555	74,667	140,334	0	1,554	0	0	0	0	0
103,231	1,945	94,879	0	0	0	0	0	0	0	6,407
Washington Headquarters Services	272,599	63,516	173,704	35	1,611	143	208	22,111	0	11,271
Department of the Air Force	4,436,822	526,942	3,728,599	1,162	1,237	7,157	2,000	169,725	0	0
Air Force, Materials Command	2,780,391	460,840	2,246,762	0	398	4,120	2,000	66,271	0	0
Air Force, Space Command	1,656,431	66,102	1,481,837	1,162	839	3,037	0	103,454	0	0
Department of the Army	5,028,475	1,231,125	3,591,023	0	63,445	33,551	6,462	26,334	64	76,471
Department of the Navy Operational Test and Evaluation, Director	9,334,203	3,276,929	5,704,658	7,573	182,840	25,918	49,321	71,373	77	15,514
226,460	71,711	121,650	0	6,570	80	0	26,449	0	0	
Department of Education	102,067	4,998	9,528	0	53,635	0	33,906	0	0	0

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			Industry	Indus- try FFRDCs	Univer- sities and colleges	Univer- sity FFRDCs	Other nonprofit insti- tutions	Non- profit FFRDCs	State and local govts	
Department of Energy	1,981,675	281,610	761,399	308,298	59,857	333,244	30,998	203,828	1,373	1,068
Energy Efficiency and Renewable Energy	446,201	174,344	0	16,754	45,850	41,229	12,679	155,345	0	0
Fossil Energy	218,256	80,794	73,983	9,246	0	19,062	17,181	15,549	1,373	1,068
National Nuclear Security Administration	1,229,821	17,761	684,412	241,767	0	268,131	1,138	16,612	0	0
Defense Programs	478,736	17,028	99,107	162,421	0	199,377	0	803	0	0
Fissile Materials Disposition	27,373	1	0	150	0	21,078	0	6,144	0	0
Naval Reactors	636,956	1	583,040	52,384	0	313	1,138	80	0	0
Nonproliferation and Verification	86,756	731	2,265	26,812	0	47,363	0	9,585	0	0
Other Department of Energy programs	87,397	8,711	3,004	40,531	14,007	4,822	0	16,322	0	0
Bonneville Power Administration	8,660	8,660	0	0	0	0	0	0	0	0
Environmental Management	73,465	1	0	39,298	14,007	4,567	0	15,592	0	0
Office of Intelligence	5,272	50	3,004	1,233	0	255	0	730	0	0
Department of Health and Human Services	780,725	24,226	57,647	0	63,900	0	570,481	0	64,471	0
Agency for Healthcare Research and Quality	23,898	23,898	0	0	0	0	0	0	0	0
Health Resources and Services Administration	36,776	1	0	0	19,124	0	16,353	0	1,298	0
Office of the Secretary	2,498	326	0	0	2,172	0	0	0	0	0
Office of Public Health and Science	2,498	326	0	0	2,172	0	0	0	0	0
Substance Abuse and Mental Health Services Administration ⁴	717,553	1	57,647	0	42,604	0	554,128	0	63,173	0
Department of Housing and Urban Development	29,130	18,240	7,382	0	0	0	3,508	0	0	0
Department of the Interior	75,383	60,451	6,195	0	7,719	0	463	0	519	36
Bureau of Reclamation	6,754	4,546	764	0	796	0	257	0	355	36
Geological Survey	60,072	52,346	4,850	0	2,799	0	0	0	77	0
National Park Service ⁵	8,557	3,559	581	0	4,124	0	206	0	87	0
Department of Justice	50,003	37,465	0	0	5,702	0	0	0	6,836	0
Bureau of Prisons	5,075	414	0	0	0	0	0	0	4,661	0
Federal Bureau of Investigation	33,562	33,562	0	0	0	0	0	0	0	0
Office of Justice Programs	11,366	3,489	0	0	5,702	0	0	0	2,175	0
Department of Labor	120,874	119,688	1,186	0	0	0	0	0	0	0
Employment and Training Administration	119,297	119,297	0	0	0	0	0	0	0	0
Office of the Secretary	907	100	807	0	0	0	0	0	0	0
Pension Benefit Guaranty Corporation	670	291	379	0	0	0	0	0	0	0

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Department of Transportation	284,614	69,908	120,070	0	3,264	0	9,178	0	82,194	0
Coast Guard	15,623	11,080	3,126	0	217	0	1,200	0	0	0
Federal Aviation Administration	100,269	11,043	89,226	0	0	0	0	0	0	0
Federal Highway Administration	119,758	8,689	21,394	0	2,115	0	5,566	0	81,994	0
Federal Motor Carrier Safety Administration	3,571	1,333	1,826	0	0	0	412	0	0	0
Federal Railroad Administration	3,479	1,250	1,297	0	932	0	0	0	0	0
Federal Transit Administration	5,241	3,241	0	0	0	0	2,000	0	0	0
Office of the Secretary Research and Special Programs Administration	18,425	18,425	0	0	0	0	0	0	0	0
Transportation Security Administration	6,448	3,047	3,201	0	0	0	0	0	200	0
Administration	11,800	11,800	0	0	0	0	0	0	0	0
Department of the Treasury	12,605	3,049	9,556	0	0	0	0	0	0	0
Bureau of Engraving and Printing	1,756	1,756	0	0	0	0	0	0	0	0
United States Customs Service	10,569	1,093	9,476	0	0	0	0	0	0	0
United States Mint	280	200	80	0	0	0	0	0	0	0
Department of Veterans Affairs	14,500	14,500	0	0	0	0	0	0	0	0
Other agencies										
Agency for International Development	22,223	2,200	213	0	1,440	0	18,370	0	0	0
Environmental Protection Agency	91,500	43,404	8,788	0	25,447	0	11,571	0	2,012	278
Library of Congress	1,260	1,010	250	0	0	0	0	0	0	0
National Aeronautics and Space Administration	2,669,692	655,521	873,874	0	142,056	798,019	178,044	4,093	11,364	6,721

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² TRICARE Management Activity oversees delivery of healthcare to active duty and retired members of the uniformed services, their family members, and their survivors.

³ The Department of the Army, Civil Functions (Corps of Engineers) development activities are appropriated by the Energy and Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown. For accounting purposes the funds are shown in the advanced technology total for the Department of the Army.

⁴ Data for FYs 2002-2004 from Substance Abuse and Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.

⁵ 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.

FFRDCs = Federally funded research and development centers.

NOTES: 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. Beginning with Vol. 44 (FYs 1994-96), Department of Defense development obligations are reported in two categories: advanced technology and major systems.

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