

TABLE C-50. Preliminary Federal obligations for development, by agency and performer: FY 2003
(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	43,187,345	10,625,910	27,502,697	530,546	1,091,387	1,443,089	1,036,161	626,300	187,966	143,289
Departments										
Department of Agriculture	139,272	133,024	0	0	5,400	0	540	0	38	270
Agricultural Marketing Service	806	806	0	0	0	0	0	0	0	0
Agricultural Research Service	96,232	89,984	0	0	5,400	0	540	0	38	270
Forest Service	35,420	35,420	0	0	0	0	0	0	0	0
Grain Inspection Packers and Stockyards Administration	6,814	6,814	0	0	0	0	0	0	0	0
Department of Commerce	135,408	45,450	84,399	0	2,063	0	3,058	0	438	0
Bureau of the Census	11,674	11,674	0	0	0	0	0	0	0	0
National Institute of Standards and Technology	98,942	14,800	81,154	0	196	0	2,792	0	0	0
National Oceanic and Atmospheric Administration	21,013	15,197	3,245	0	1,867	0	266	0	438	0
National Telecommunications and Information Administration	3,779	3,779	0	0	0	0	0	0	0	0
Department of Defense	35,986,443	8,915,888	25,120,460	221,533	685,784	318,422	168,753	417,266	2,790	135,547
Defense Agencies	10,368,942	2,170,234	7,406,735	106,821	293,906	213,826	27,190	92,910	0	57,320
Ballistic Missile Defense Organization	6,580,423	1,118,084	5,191,140	62,536	57,996	106,083	3,081	22,610	0	18,893
Chemical and Biological Defense	170,962	77,171	72,923	0	20,002	0	866	0	0	0
Defense Advanced Research Projects Agency	1,298,655	225,879	838,676	19,188	119,478	51,309	19,322	18,961	0	5,842
Defense Information Systems Agency	252,867	62,622	175,145	0	1,897	0	0	13,203	0	0
Defense Logistics Agency	152,679	72,806	53,220	0	23,743	96	780	2,034	0	0
Defense Threat Reduction Agency	181,907	62,226	101,770	3,561	278	14,072	0	0	0	0
Joint Staff	99,305	99,305	0	0	0	0	0	0	0	0
Special Operations Command	408,805	140,117	265,469	0	3,219	0	0	0	0	0
TRICARE Management Activity ²	121,717	26,469	88,230	0	0	0	0	0	0	7,018
Washington Headquarters Services	1,101,622	285,555	620,162	21,536	67,293	42,266	3,141	36,102	0	25,567
Department of the Air Force	6,608,337	821,331	5,439,015	103,277	13,247	42,092	3,666	182,657	2,730	322
Air Force, Materials Command	4,192,706	745,881	3,345,910	0	12,603	7,936	3,666	76,388	0	322
Air Force, Space Command	2,415,631	75,450	2,093,105	103,277	644	34,156	0	106,269	2,730	0
Department of the Army	6,159,653	1,761,722	4,124,806	5,706	111,531	35,498	34,868	25,283	60	60,179
Department of the Navy	12,621,855	4,091,073	8,028,339	5,729	258,895	26,929	103,029	90,135	0	17,726
Operational Test and Evaluation, Director	227,656	71,528	121,565	0	8,205	77	0	26,281	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	6,389,566	1,629,052	3,917,024	46,072	419,849	145,087	115,456	86,929	2,730	27,367
Defense Agencies	2,921,494	804,613	1,642,581	44,092	238,494	109,680	24,089	35,065	0	22,880
Ballistic Missile Defense Organization	204,257	63,886	126,537	0	8,722	2,220	800	1,900	0	192
Chemical and Biological Defense	92,516	36,499	35,770	0	20,001	0	246	0	0	0
Defense Advanced Research Projects Agency	1,185,754	181,389	770,265	19,188	119,478	51,309	19,322	18,961	0	5,842
Defense Logistics Agency Defense Threat Reduction Agency	147,662	72,706	50,433	0	23,743	0	780	0	0	0
Joint Staff	181,907	62,226	101,770	3,561	278	14,072	0	0	0	0
Special Operations Command	99,305	99,305	0	0	0	0	0	0	0	0
Washington Headquarters Services	171,698	58,849	111,309	0	1,540	0	0	0	0	0
Department of the Air Force	838,395	229,753	446,497	21,343	64,732	42,079	2,941	14,204	0	16,846
Air Force, Materials Command	1,492,566	156,698	1,264,192	0	3,962	27,670	0	36,992	2,730	322
Air Force, Space Command	554,703	149,074	400,322	0	3,962	257	0	766	0	322
Department of the Army ³	937,863	7,624	863,870	0	0	27,413	0	36,226	2,730	0
Department of the Navy	1,072,209	406,461	547,128	1,980	70,027	4,545	33,091	5,327	0	3,650
Operational Test and Evaluation, Director	894,742	259,132	459,256	0	105,517	3,192	58,276	8,854	0	515
Operational Test and Evaluation, Director	8,555	2,148	3,867	0	1,849	0	0	691	0	0
Department of Defense, major systems	29,596,877	7,286,836	21,203,436	175,461	265,935	173,335	53,297	330,337	60	108,180
Defense Agencies	7,447,448	1,365,621	5,764,154	62,729	55,412	104,146	3,101	57,845	0	34,440
Ballistic Missile Defense Organization	6,376,166	1,054,198	5,064,603	62,536	49,274	103,863	2,281	20,710	0	18,701
Chemical and Biological Defense	78,446	40,672	37,153	0	1	0	620	0	0	0
Defense Advanced Research Projects Agency	112,901	44,490	68,411	0	0	0	0	0	0	0
Defense Information Systems Agency	252,867	62,622	175,145	0	1,897	0	0	13,203	0	0
Defense Logistics Agency	5,017	100	2,787	0	0	96	0	2,034	0	0
Special Operations Command	237,107	81,268	154,160	0	1,679	0	0	0	0	0
TRICARE Management Activity ²	121,717	26,469	88,230	0	0	0	0	0	0	7,018
Washington Headquarters Services	263,227	55,802	173,665	193	2,561	187	200	21,898	0	8,721
Department of the Air Force	5,115,771	664,633	4,174,823	103,277	9,285	14,422	3,666	145,665	0	0
Air Force, Materials Command	3,638,003	596,807	2,945,588	0	8,641	7,679	3,666	75,622	0	0
Air Force, Space Command	1,477,768	67,826	1,229,235	103,277	644	6,743	0	70,043	0	0
Department of the Army	5,087,444	1,355,261	3,577,678	3,726	41,504	30,953	1,777	19,956	60	56,529
Department of the Navy	11,727,113	3,831,941	7,569,083	5,729	153,378	23,737	44,753	81,281	0	17,211
Operational Test and Evaluation, Director	219,101	69,380	117,698	0	6,356	77	0	25,590	0	0
Department of Education	102,384	4,434	7,857	0	53,835	0	36,258	0	0	0

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Department of Energy	2,233,129	312,080	982,203	309,013	57,676	332,915	32,301	204,941	1,000	1,000
Energy Efficiency and Renewable Energy	476,515	186,188	0	17,892	48,965	44,031	13,540	165,899	0	0
Fossil Energy	386,973	82,750	238,949	9,300	0	20,003	17,221	16,750	1,000	1,000
National Nuclear Security Administration	1,302,464	34,266	736,841	254,427	0	264,228	1,440	11,262	0	0
Defense Programs	565,932	24,996	143,536	182,035	0	212,847	0	2,518	0	0
Fissile Materials Disposition	20,071	1	0	0	0	16,000	0	4,070	0	0
Naval Reactors	648,910	1	593,305	53,710	0	374	1,440	80	0	0
Nonproliferation and Verification	67,551	9,268	0	18,682	0	35,007	0	4,594	0	0
Other Department of Energy programs	67,177	8,876	6,413	27,394	8,711	4,653	100	11,030	0	0
Bonneville Power Administration	8,660	8,660	0	0	0	0	0	0	0	0
Environmental Management	45,686	1	0	24,438	8,711	2,840	0	9,696	0	0
Nuclear Energy	8,800	1	4,203	2,681	0	1,143	100	672	0	0
Office of Intelligence	4,031	214	2,210	275	0	670	0	662	0	0
Department of Health and Human Services	778,196	24,604	86,920	0	74,663	0	547,549	0	44,460	0
Agency for Healthcare Research and Quality	24,296	24,296	0	0	0	0	0	0	0	0
Health Resources and Services Administration	27,681	1	0	0	14,680	0	12,000	0	1,000	0
Office of the Secretary	2,343	306	0	0	2,037	0	0	0	0	0
Office of Public Health and Science	2,343	306	0	0	2,037	0	0	0	0	0
Substance Abuse and Mental Health Services Administration ⁴	723,876	1	86,920	0	57,946	0	535,549	0	43,460	0
Department of Homeland Security	67,829	54,030	7,391	0	5,201	0	1,207	0	0	0
Animal and Plant Health Inspection Service	29,022	24,052	0	0	4,970	0	0	0	0	0
Transportation Security Administration	17,000	17,000	0	0	0	0	0	0	0	0
United States Coast Guard	16,607	11,778	3,391	0	231	0	1,207	0	0	0
United States Customs Service	5,200	1,200	4,000	0	0	0	0	0	0	0
Department of Housing and Urban Development	29,463	18,448	7,467	0	0	0	3,548	0	0	0
Department of the Interior	66,799	56,864	5,607	0	3,606	0	255	0	431	36
Bureau of Reclamation	6,700	4,511	757	0	789	0	255	0	352	36
Geological Survey	60,099	52,353	4,850	0	2,817	0	0	0	79	0
Department of Justice	64,000	48,111	0	0	8,027	0	0	0	7,862	0
Bureau of Prisons	5,300	500	0	0	0	0	0	0	4,800	0
Federal Bureau of Investigation	42,700	42,700	0	0	0	0	0	0	0	0
Office of Justice Programs	16,000	4,911	0	0	8,027	0	0	0	3,062	0
Department of Labor	121,582	120,403	1,179	0	0	0	0	0	0	0
Employment and Training Administration	120,000	120,000	0	0	0	0	0	0	0	0
Office of the Secretary	900	100	800	0	0	0	0	0	0	0
Pension Benefit Guaranty Corporation	682	303	379	0	0	0	0	0	0	0

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Department of Transportation	303,798	53,215	126,330	0	3,986	0	3,853	0	115,973	441
Federal Aviation Administration	83,793	12,293	71,500	0	0	0	0	0	0	0
Federal Highway Administration	179,512	18,636	40,749	0	2,595	0	1,559	0	115,973	0
Federal Motor Carrier Safety Administration	3,232	1,027	1,470	0	0	0	294	0	0	441
Federal Railroad Administration	4,616	505	2,720	0	1,391	0	0	0	0	0
Federal Transit Administration	4,320	2,320	0	0	0	0	2,000	0	0	0
Office of the Secretary Research and Special Programs Administration	14,133	14,133	0	0	0	0	0	0	0	0
Administration	14,192	4,301	9,891	0	0	0	0	0	0	0
Department of the Treasury	857	769	88	0	0	0	0	0	0	0
Bureau of Engraving and Printing	560	560	0	0	0	0	0	0	0	0
United States Mint	297	209	88	0	0	0	0	0	0	0
Department of Veterans Affairs	15,592	15,592	0	0	0	0	0	0	0	0
Other agencies										
Agency for International Development	21,175	2,500	150	0	1,500	0	17,025	0	0	0
Environmental Protection Agency	171,000	81,054	16,433	0	47,590	0	21,641	0	3,760	522
Library of Congress	2,453	2,453	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	2,947,965	736,991	1,056,213	0	142,056	791,752	200,173	4,093	11,214	5,473

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.

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.