

TABLE 51. Preliminary federal obligations for development, by agency and performer: FY 2005
(Dollars in thousands)

Agency	Extramural									
	Total	Intramural ^a	United States and U.S. territories							Foreign
			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs	State, local governments	
All agencies	51,788,738	11,529,673	36,250,990	406,508	905,790	1,437,070	451,492	618,043	91,912	97,260
Departments										
Department of Agriculture	169,062	156,237	0	0	12,007	0	553	0	47	218
Agricultural Marketing Service	1,069	1,069	0	0	0	0	0	0	0	0
Agricultural Research Service	88,884	82,836	0	0	5,230	0	553	0	47	218
Animal and Plant Health Inspection Service	29,695	22,918	0	0	6,777	0	0	0	0	0
Forest Service	42,000	42,000	0	0	0	0	0	0	0	0
Grain Inspection, Packers, and Stockyards Administration	7,414	7,414	0	0	0	0	0	0	0	0
Department of Commerce	61,498	54,150	3,901	0	2,898	0	0	0	549	0
National Institute of Standards and Technology	11,679	10,522	756	0	401	0	0	0	0	0
National Oceanic and Atmospheric Administration	23,813	17,622	3,145	0	2,497	0	0	0	549	0
U.S. Census Bureau	26,006	26,006	0	0	0	0	0	0	0	0
Department of Defense	45,677,697	10,015,019	34,064,339	116,240	529,420	273,010	112,977	482,661	3,860	80,171
Defense agencies	12,734,139	2,587,810	9,522,029	62,818	229,476	144,695	31,490	104,596	0	51,225
Chemical and Biological Defense	228,773	165,328	63,190	25	0	0	0	230	0	0
Defense Advanced Research Projects Agency	1,580,843	178,528	1,158,716	21,511	120,792	62,141	21,090	12,919	0	5,146
Defense Information Systems Agency	317,821	57,641	248,274	0	3,074	0	0	8,832	0	0
Defense Logistics Agency	48,171	30,867	14,979	0	325	0	100	1,900	0	0
Defense Threat Reduction Agency	76,800	31	76,769	0	0	0	0	0	0	0
Joint Staff	120,247	120,247	0	0	0	0	0	0	0	0
Missile Defense Agency	8,970,367	1,562,194	7,216,069	23,362	39,908	44,280	5,633	48,648	0	30,273
Special Operations Command	475,314	162,895	309,334	0	2,685	400	0	0	0	0
Washington Headquarters Services	915,803	310,079	434,698	17,920	62,692	37,874	4,667	32,067	0	15,806
Department of the Air Force	7,895,386	872,735	6,691,490	9,210	5,526	74,365	977	237,883	3,200	0
Materiel Command	4,966,604	748,709	4,110,894	1,000	5,404	7,274	977	92,346	0	0
Space Command	2,928,782	124,026	2,580,596	8,210	122	67,091	0	145,537	3,200	0
Department of the Army	9,400,918	1,801,393	7,444,075	13,106	58,212	18,128	25,203	28,728	660	11,413
Department of the Navy	15,342,499	4,648,961	10,262,313	31,106	224,785	27,947	55,307	74,547	0	17,533
Operational Test and Evaluation, Director	304,755	104,120	144,432	0	11,421	7,875	0	36,907	0	0
Department of Defense advanced technology	6,071,094	1,186,295	4,251,739	40,731	255,895	159,686	58,380	106,862	660	10,846
Defense agencies	2,692,387	552,512	1,742,253	39,731	183,358	106,284	26,529	32,562	0	9,158
Chemical and Biological Defense	121,072	68,577	52,265	0	0	0	0	230	0	0
Defense Advanced Research Projects Agency	1,457,026	138,171	1,075,282	21,511	120,782	62,141	21,074	12,919	0	5,146
Defense Logistics Agency	29,887	21,867	8,000	0	20	0	0	0	0	0

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Defense Threat Reduction Agency	76,800	31	76,769	0	0	0	0	0	0	0
Missile Defense Agency	175,676	31,489	131,676	300	2,041	6,300	2,320	1,550	0	0
Special Operations Command	54,737	18,759	35,269	0	309	400	0	0	0	0
Washington Headquarters Services	777,189	273,618	362,992	17,920	60,206	37,443	3,135	17,863	0	4,012
Department of the Air Force	1,784,419	124,293	1,539,598	1,000	5,202	47,622	788	65,916	0	0
Materiel Command	484,779	109,960	367,021	1,000	5,202	0	788	808	0	0
Space Command	1,299,640	14,333	1,172,577	0	0	47,622	0	65,108	0	0
Department of the Army ^b	877,980	311,952	526,528	0	22,688	1,932	11,268	2,542	660	410
Department of the Navy	700,425	192,188	438,840	0	41,189	1,977	19,795	5,158	0	1,278
Operational Test and Evaluation, Director	15,883	5,350	4,520	0	3,458	1,871	0	684	0	0
Department of Defense major systems	39,606,603	8,828,724	29,812,600	75,509	273,525	113,324	54,597	375,799	3,200	69,325
Defense agencies	10,041,752	2,035,298	7,779,776	23,087	46,118	38,411	4,961	72,034	0	42,067
Chemical and Biological Defense	107,701	96,751	10,925	25	0	0	0	0	0	0
Defense Advanced Research Projects Agency	123,817	40,357	83,434	0	10	0	16	0	0	0
Defense Information Systems Agency	317,821	57,641	248,274	0	3,074	0	0	8,832	0	0
Defense Logistics Agency	18,284	9,000	6,979	0	305	0	100	1,900	0	0
Joint Staff	120,247	120,247	0	0	0	0	0	0	0	0
Missile Defense Agency	8,794,691	1,530,705	7,084,393	23,062	37,867	37,980	3,313	47,098	0	30,273
Special Operations Command	420,577	144,136	274,065	0	2,376	0	0	0	0	0
Washington Headquarters Services	138,614	36,461	71,706	0	2,486	431	1,532	14,204	0	11,794
Department of the Air Force	6,110,967	748,442	5,151,892	8,210	324	26,743	189	171,967	3,200	0
Materiel Command	4,481,825	638,749	3,743,873	0	202	7,274	189	91,538	0	0
Space Command	1,629,142	109,693	1,408,019	8,210	122	19,469	0	80,429	3,200	0
Department of the Army	8,522,938	1,489,441	6,917,547	13,106	35,524	16,196	13,935	26,186	0	11,003
Department of the Navy	14,642,074	4,456,773	9,823,473	31,106	183,596	25,970	35,512	69,389	0	16,255
Operational Test and Evaluation, Director	288,872	98,770	139,912	0	7,963	6,004	0	36,223	0	0
Department of Education	85,721	4,963	8,568	0	59,587	0	12,488	0	115	0
Department of Energy	2,164,081	243,271	1,109,056	290,251	47,923	314,549	27,796	130,735	500	0
Bonneville Power Administration	9,183	8,696	0	0	0	0	0	487	0	0
Energy Efficiency and Renewable Energy	315,608	123,318	0	11,850	32,431	29,162	8,968	109,879	0	0
Environmental Management	38,732	1	0	19,753	15,492	3,099	0	387	0	0
Fossil Energy	437,651	83,500	309,501	0	0	14,300	17,200	12,650	500	0
National Nuclear Security Administration	1,346,630	27,689	787,000	257,373	0	267,318	1,628	5,622	0	0
Defense Programs	542,912	20,441	101,388	185,286	0	235,464	0	333	0	0

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Naval Reactors	740,101	1	682,000	56,000	0	390	1,628	82	0	0
Nonproliferation and Verification	63,617	7,247	3,612	16,087	0	31,464	0	5,207	0	0
Nuclear Energy	12,246	1	10,245	1,000	0	0	0	1,000	0	0
Office of Intelligence	4,031	66	2,310	275	0	670	0	710	0	0
Department of Health and Human Services	95,964	25,004	0	0	27,365	4,710	38,635	0	250	0
Agency for Healthcare Research and Quality	24,296	24,296	0	0	0	0	0	0	0	0
Health Resources and Services Administration	3,751	1	0	0	2,250	0	1,250	0	250	0
Office of the Secretary	5,416	706	0	0	0	4,710	0	0	0	0
Office of Public Health and Science	5,416	706	0	0	0	4,710	0	0	0	0
Substance Abuse and Mental Health Services ^c Administration	62,501	1	0	0	25,115	0	37,385	0	0	0
Department of Housing and Urban Development	26,667	17,496	7,586	0	166	0	1,419	0	0	0
Department of the Interior	53,205	45,125	1,287	0	5,850	0	361	0	567	15
Bureau of Reclamation	6,197	3,872	1,287	0	581	0	361	0	81	15
Geological Survey	47,008	41,253	0	0	5,269	0	0	0	486	0
Department of Justice	59,697	36,497	0	0	6,000	0	8,000	0	9,200	0
Bureau of Prisons	5,300	100	0	0	0	0	0	0	5,200	0
Federal Bureau of Investigation	32,397	32,397	0	0	0	0	0	0	0	0
Office of Justice Programs	22,000	4,000	0	0	6,000	0	8,000	0	4,000	0
Department of Labor	73,584	72,384	1,200	0	0	0	0	0	0	0
Employment and Training Administration	72,000	72,000	0	0	0	0	0	0	0	0
Office of the Secretary	700	50	650	0	0	0	0	0	0	0
Pension Benefit Guaranty Corporation	884	334	550	0	0	0	0	0	0	0
Department of Transportation	242,238	47,218	104,228	0	9,082	0	8,616	0	72,569	525
Federal Aviation Administration	87,499	13,380	74,119	0	0	0	0	0	0	0
Federal Highway Administration	125,703	23,762	22,682	0	6,557	0	5,433	0	67,269	0
Federal Railroad Administration	3,764	450	1,139	0	2,175	0	0	0	0	0
Federal Transit Administration	2,387	387	2,000	0	0	0	0	0	0	0
Office of the Secretary	12,300	7,000	0	0	0	0	0	0	5,300	0
Research and Special Programs Administration	10,585	2,239	4,288	0	350	0	3,183	0	0	525
Department of the Treasury	1,070	1,070	0	0	0	0	0	0	0	0
Bureau of Engraving and Printing	550	550	0	0	0	0	0	0	0	0
U.S. Mint	520	520	0	0	0	0	0	0	0	0
Department of Veterans Affairs	15,557	15,557	0	0	0	0	0	0	0	0

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Other agencies										
Agency for International Development	22,000	2,000	200	0	3,000	0	16,800	0	0	0
Environmental Protection Agency	140,900	66,787	16,750	0	43,141	0	10,739	0	2,913	570
Federal Communications Commission	208	208	0	0	0	0	0	0	0	0
Library of Congress	2,386	2,386	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	2,897,203	724,301	933,875	17	159,351	844,801	213,108	4,647	1,342	15,761

FFRDCs = federally funded research and development centers.

^a Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

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

^c Beginning in FY 2003 Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years.

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. Beginning with volume 44 (FY 1994–96), Department of Defense development obligations are reported in two categories: advanced technology and major systems. 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.