

TABLE 49. Federal obligations for development, by agency and performer: FY 2003  
(Dollars in thousands)

Agency	Extramural									
	Total	Intramural <sup>a</sup>	United States and U.S. territories							Foreign
			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs	State, local governments	
All agencies	42,589,495	10,442,026	27,810,313	404,093	1,016,970	1,481,623	510,315	573,719	94,132	256,304
Departments										
Department of Agriculture	170,460	154,943	0	0	14,417	0	738	0	71	291
Agricultural Marketing Service	700	700	0	0	0	0	0	0	0	0
Agricultural Research Service	95,580	86,826	0	0	7,654	0	738	0	71	291
Animal and Plant Health Inspection Service	27,956	21,193	0	0	6,763	0	0	0	0	0
Forest Service	40,880	40,880	0	0	0	0	0	0	0	0
Grain Inspection, Packers, and Stockyards Administration	5,344	5,344	0	0	0	0	0	0	0	0
Department of Commerce	153,828	55,859	81,361	0	5,203	0	8,810	0	2,595	0
National Institute of Standards and Technology	94,987	14,586	78,271	0	215	0	1,915	0	0	0
National Oceanic and Atmospheric Administration	19,785	16,157	3,090	0	422	0	51	0	65	0
National Telecommunications and Information Administration	17,141	3,201	0	0	4,566	0	6,844	0	2,530	0
U.S. Census Bureau	21,915	21,915	0	0	0	0	0	0	0	0
Department of Defense	36,215,589	8,818,317	25,564,907	103,078	632,417	296,878	151,757	403,940	5,842	238,453
Defense agencies	10,290,853	2,088,570	7,438,897	87,489	249,587	169,232	28,268	94,918	1,335	132,557
Chemical and Biological Defense	163,868	83,336	78,311	0	476	0	1,745	0	0	0
Defense Advanced Research Projects Agency	1,140,487	132,711	834,859	15,269	85,743	44,109	14,973	9,170	0	3,653
Defense Information Systems Agency	266,470	62,411	188,438	0	2,305	0	0	13,316	0	0
Defense Logistics Agency	165,287	79,870	58,217	0	23,977	96	747	2,380	0	0
Defense Threat Reduction Agency	185,924	84,839	78,292	4,552	1,892	15,268	230	100	0	751
Joint Staff	109,284	105,323	0	0	0	3,961	0	0	0	0
Missile Defense Agency	6,869,681	1,117,595	5,415,088	47,778	64,600	69,492	5,690	44,236	1,335	103,867
Special Operations Command	495,677	169,874	322,702	0	2,801	300	0	0	0	0
Washington Headquarters Services	894,175	252,611	462,990	19,890	67,793	36,006	4,883	25,716	0	24,286
Department of the Air Force	7,063,673	937,170	5,881,122	9,891	8,013	53,280	2,782	168,420	2,995	0
Materiel Command	4,324,744	737,653	3,495,311	1,875	7,226	18,653	2,782	61,244	0	0
Space Command	2,738,929	199,517	2,385,811	8,016	787	34,627	0	107,176	2,995	0
Department of the Army	6,491,994	1,596,050	4,606,374	233	107,670	31,172	47,812	27,505	1,434	73,744
Department of the Navy	12,133,394	4,115,993	7,526,211	5,465	258,896	37,401	72,895	84,303	78	32,152
Operational Test and Evaluation, Director	235,675	80,534	112,303	0	8,251	5,793	0	28,794	0	0
Department of Defense advanced technology	6,116,856	1,487,607	3,968,520	40,245	309,894	140,371	70,311	77,828	733	21,347
Defense agencies	2,512,182	598,976	1,515,705	40,245	185,918	105,202	19,311	27,681	0	19,144
Chemical and Biological Defense	88,198	49,051	39,147	0	0	0	0	0	0	0

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			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs	State, local governments		
Defense Advanced Research Projects Agency	1,034,229	98,077	763,258	15,269	85,734	44,109	14,959	9,170	0	3,653	
Defense Logistics Agency	136,327	68,484	45,544	0	22,100	0	199	0	0	0	
Defense Threat Reduction Agency	185,924	84,839	78,292	4,552	1,892	15,268	230	100	0	751	
Missile Defense Agency	194,693	43,281	126,363	565	9,132	9,565	27	5,407	0	353	
Special Operations Command	80,546	27,604	52,187	0	455	300	0	0	0	0	
Washington Headquarters Services	792,265	227,640	410,914	19,859	66,605	35,960	3,896	13,004	0	14,387	
Department of the Air Force	1,642,769	276,472	1,291,284	0	5,657	29,312	1,280	38,764	0	0	
Materiel Command	629,340	151,536	469,792	0	5,657	0	1,280	1,075	0	0	
Space Command	1,013,429	124,936	821,492	0	0	29,312	0	37,689	0	0	
Department of the Army <sup>b</sup>	1,094,573	377,032	617,535	0	65,565	2,334	25,332	5,414	733	628	
Department of the Navy	858,103	232,018	541,370	0	50,745	2,436	24,388	5,571	0	1,575	
Operational Test and Evaluation, Director	9,229	3,109	2,626	0	2,009	1,087	0	398	0	0	
Department of Defense major systems	30,098,733	7,330,710	21,596,387	62,833	322,523	156,507	81,446	326,112	5,109	217,106	
Defense agencies	7,778,671	1,489,594	5,923,192	47,244	63,669	64,030	8,957	67,237	1,335	113,413	
Chemical and Biological Defense	75,670	34,285	39,164	0	476	0	1,745	0	0	0	
Defense Advanced Research Projects Agency	106,258	34,634	71,601	0	9	0	14	0	0	0	
Defense Information Systems Agency	266,470	62,411	188,438	0	2,305	0	0	13,316	0	0	
Defense Logistics Agency	28,960	11,386	12,673	0	1,877	96	548	2,380	0	0	
Joint Staff	109,284	105,323	0	0	0	3,961	0	0	0	0	
Missile Defense Agency	6,674,988	1,074,314	5,288,725	47,213	55,468	59,927	5,663	38,829	1,335	103,514	
Special Operations Command	415,131	142,270	270,515	0	2,346	0	0	0	0	0	
Washington Headquarters Services	101,910	24,971	52,076	31	1,188	46	987	12,712	0	9,899	
Department of the Air Force	5,420,904	660,698	4,589,838	9,891	2,356	23,968	1,502	129,656	2,995	0	
Materiel Command	3,695,404	586,117	3,025,519	1,875	1,569	18,653	1,502	60,169	0	0	
Space Command	1,725,500	74,581	1,564,319	8,016	787	5,315	0	69,487	2,995	0	
Department of the Army	5,397,421	1,219,018	3,988,839	233	42,105	28,838	22,480	22,091	701	73,116	
Department of the Navy	11,275,291	3,883,975	6,984,841	5,465	208,151	34,965	48,507	78,732	78	30,577	
Operational Test and Evaluation, Director	226,446	77,425	109,677	0	6,242	4,706	0	28,396	0	0	
Department of Education	101,231	4,479	8,288	0	52,511	0	35,653	0	300	0	
Department of Energy	2,151,296	252,444	982,412	300,998	61,201	358,284	29,531	165,132	317	977	
Bonneville Power Administration	8,660	8,660	0	0	0	0	0	0	0	0	
Energy Efficiency and Renewable Energy	371,842	145,290	0	13,962	38,209	34,358	10,566	129,457	0	0	
Environmental Management	48,613	1	0	24,602	19,417	445	0	4,148	0	0	
Fossil Energy	383,466	81,856	256,124	0	0	12,987	17,600	13,605	317	977	
National Nuclear Security Administration	1,317,034	16,570	723,154	259,305	69	300,647	1,315	15,974	0	0	

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Defense Programs	566,846	15,870	128,316	184,149	0	234,993	0	3,518	0	0
Fissile Materials Disposition	25,071	1	0	0	0	19,500	0	5,570	0	0
Naval Reactors	650,027	1	594,838	53,419	0	374	1,315	80	0	0
Nonproliferation and Verification	75,090	698	0	21,737	69	45,780	0	6,806	0	0
Nuclear Energy	17,650	1	824	2,854	3,506	9,177	50	1,238	0	0
Office of Intelligence	4,031	66	2,310	275	0	670	0	710	0	0
Department of Health and Human Services	111,261	25,035	0	0	34,601	0	50,895	0	730	0
Agency for Healthcare Research and Quality	24,692	24,692	0	0	0	0	0	0	0	0
Health Resources and Services Administration	26,714	1	0	0	9,324	0	16,659	0	730	0
Office of the Secretary	2,619	341	0	0	2,278	0	0	0	0	0
Office of Public Health and Science	2,619	341	0	0	2,278	0	0	0	0	0
Substance Abuse and Mental Health Services <sup>c</sup> Administration	57,236	1	0	0	22,999	0	34,236	0	0	0
Department of Housing and Urban Development	25,083	16,456	7,135	0	157	0	1,335	0	0	0
Department of the Interior	63,256	49,630	3,946	0	7,861	0	1,049	0	754	16
Bureau of Reclamation	6,143	3,679	1,364	0	616	0	382	0	86	16
Geological Survey	53,262	45,787	2,430	0	4,549	0	0	0	496	0
National Park Service	3,851	164	152	0	2,696	0	667	0	172	0
Department of Justice	91,579	50,843	0	0	19,125	0	13,675	0	7,936	0
Bureau of Prisons	4,957	100	0	0	0	0	0	0	4,857	0
Federal Bureau of Investigation	42,798	42,798	0	0	0	0	0	0	0	0
Office of Justice Programs	43,824	7,945	0	0	19,125	0	13,675	0	3,079	0
Department of Labor	152,801	151,411	1,390	0	0	0	0	0	0	0
Employment and Training Administration	151,000	151,000	0	0	0	0	0	0	0	0
Office of the Secretary	961	100	861	0	0	0	0	0	0	0
Pension Benefit Guaranty Corporation	840	311	529	0	0	0	0	0	0	0
Department of Transportation	260,432	37,236	137,740	0	6,550	0	5,582	0	72,799	525
Federal Aviation Administration	109,377	12,213	97,164	0	0	0	0	0	0	0
Federal Highway Administration	112,418	17,783	29,781	0	5,188	0	3,592	0	56,074	0
Federal Railroad Administration	3,421	510	1,754	0	1,157	0	0	0	0	0
Federal Transit Administration	7,111	516	6,595	0	0	0	0	0	0	0
Office of the Secretary	20,980	4,255	0	0	0	0	0	0	16,725	0
Research and Special Programs Administration	7,125	1,959	2,446	0	205	0	1,990	0	0	525
Department of the Treasury	1,253	1,253	0	0	0	0	0	0	0	0
Bureau of Engraving and Printing	597	597	0	0	0	0	0	0	0	0
U.S. Mint	656	656	0	0	0	0	0	0	0	0

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Department of Veterans Affairs	15,813	15,813	0	0	0	0	0	0	0	0
Other agencies										
Agency for International Development	23,556	2,200	200	0	2,150	0	19,006	0	0	0
Environmental Protection Agency	105,300	68,494	8,319	0	21,426	0	5,334	0	1,446	281
Library of Congress	1,231	1,231	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	2,945,526	736,382	1,014,615	17	159,351	826,461	186,950	4,647	1,342	15,761

FFRDCs = federally funded research and development centers.

<sup>a</sup> Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

<sup>b</sup> 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.

<sup>c</sup> 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.