

TABLE 50. Preliminary federal obligations for development, by agency and performer: FY 2009

(Dollars in thousands)

Agency	Total	Intramural ^a	Extramural							Foreign
			United States and U.S. territories							
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
All agencies	60,300,685	15,515,049	39,752,060	980,561	1,635,576	808,173	452,772	929,478	75,983	151,033
Departments										
Department of Agriculture	193,166	181,841	0	0	9,846	0	1,082	0	115	282
Agricultural Marketing Service	2,150	2,150	0	0	0	0	0	0	0	0
Agricultural Research Service	114,041	105,082	0	0	7,480	0	1,082	0	115	282
Animal and Plant Health Inspection Service	29,504	27,138	0	0	2,366	0	0	0	0	0
Forest Service	47,471	47,471	0	0	0	0	0	0	0	0
Department of Commerce	100,078	37,726	39,869	0	21,603	0	413	0	467	0
National Institute of Standards and Technology	37,455	3,786	33,669	0	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	42,269	13,586	6,200	0	21,603	0	413	0	467	0
U.S. Census Bureau	20,354	20,354	0	0	0	0	0	0	0	0
Department of Defense	52,229,175	13,858,075	35,688,700	685,846	756,509	275,294	176,877	619,212	21,915	146,747
Defense agencies and activities	13,905,553	4,044,180	8,612,101	561,193	253,169	133,193	31,259	129,097	10,155	131,206
Chemical and Biological Defense	419,756	256,246	136,834	2,610	12,659	342	3,744	600	0	6,721
Defense Advanced Research Projects Agency	1,784,553	163,223	1,409,480	33,832	100,871	46,478	12,992	12,255	0	5,422
Defense Business Transformation Agency	187,953	95,856	92,097	0	0	0	0	0	0	0
Defense Contract Management Agency	11,971	585	11,386	0	0	0	0	0	0	0
Defense Information Systems Agency	288,748	50,442	227,530	0	0	0	0	10,776	0	0
Defense Logistics Agency	133,798	93,194	29,243	0	641	0	565	0	10,155	0
Defense Technical Information Center	52,113	48,752	3,361	0	0	0	0	0	0	0
Defense Threat Reduction Agency	233,981	60,700	147,842	8,164	4,778	3,729	0	8,768	0	0
Joint Staff	59,323	59,323	0	0	0	0	0	0	0	0
Missile Defense Agency	8,245,884	2,281,160	5,391,739	387,915	19,267	33,247	920	25,728	0	105,908
Office of the Secretary of Defense	2,035,381	870,550	780,232	126,722	111,317	49,397	13,038	70,970	0	13,155
Special Operations Command	452,092	64,149	382,357	1,950	3,636	0	0	0	0	0
Department of the Air Force	9,525,125	1,181,002	7,818,954	91,976	37,404	68,301	1,514	320,847	4,990	137
Department of the Army	9,491,138	2,497,597	6,799,359	10,067	103,441	21,020	23,206	25,240	4,090	7,118
Department of the Navy	19,121,151	6,062,599	12,390,369	22,610	355,730	52,780	120,898	105,199	2,680	8,286
Operational Test and Evaluation, Director	186,208	72,697	67,917	0	6,765	0	0	38,829	0	0
Department of Defense advanced technology	6,714,469	1,730,641	4,180,330	75,985	421,942	101,497	89,828	84,537	10,255	19,454
Defense agencies and activities	3,612,350	980,991	2,164,273	70,466	204,944	98,902	25,028	41,758	10,155	15,833
Chemical and Biological Defense	334,748	176,788	134,897	625	11,193	180	3,744	600	0	6,721
Defense Advanced Research Projects Agency	1,620,960	108,461	1,300,656	33,825	100,871	46,478	12,992	12,255	0	5,422
Defense Logistics Agency	119,385	79,422	29,243	0	0	0	565	0	10,155	0
Defense Threat Reduction Agency	211,582	60,699	125,514	8,164	4,708	3,729	0	8,768	0	0
Missile Defense Agency	117,603	21,288	83,150	336	5,362	6,942	525	0	0	0
Office of the Secretary of Defense	1,129,275	523,675	428,260	25,566	79,174	41,573	7,202	20,135	0	3,690
Special Operations Command	78,797	10,658	62,553	1,950	3,636	0	0	0	0	0

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments		
Department of the Air Force	1,061,156	163,394	834,907	1,837	25,492	381	514	34,402	100	129	
Department of the Army	1,139,404	376,043	678,635	2,616	69,656	190	6,327	3,236	0	2,701	
Department of the Navy	901,559	210,213	502,515	1,066	121,850	2,024	57,959	5,141	0	791	
Department of Defense major systems	45,514,706	12,127,434	31,508,370	609,861	334,567	173,797	87,049	534,675	11,660	127,293	
Defense agencies and activities	10,293,203	3,063,189	6,447,828	490,727	48,225	34,291	6,231	87,339	0	115,373	
Chemical and Biological Defense	85,008	79,458	1,937	1,985	1,466	162	0	0	0	0	
Defense Advanced Research Projects Agency	163,593	54,762	108,824	7	0	0	0	0	0	0	
Defense Business Transformation Agency	187,953	95,856	92,097	0	0	0	0	0	0	0	
Defense Contract Management Agency	11,971	585	11,386	0	0	0	0	0	0	0	
Defense Information Systems Agency	288,748	50,442	227,530	0	0	0	0	10,776	0	0	
Defense Logistics Agency	14,413	13,772	0	0	641	0	0	0	0	0	
Defense Technical Information Center	52,113	48,752	3,361	0	0	0	0	0	0	0	
Defense Threat Reduction Agency	22,399	1	22,328	0	70	0	0	0	0	0	
Joint Staff	59,323	59,323	0	0	0	0	0	0	0	0	
Missile Defense Agency	8,128,281	2,259,872	5,308,589	387,579	13,905	26,305	395	25,728	0	105,908	
Office of the Secretary of Defense	906,106	346,875	351,972	101,156	32,143	7,824	5,836	50,835	0	9,465	
Special Operations Command	373,295	53,491	319,804	0	0	0	0	0	0	0	
Department of the Air Force	8,463,969	1,017,608	6,984,047	90,139	11,912	67,920	1,000	286,445	4,890	8	
Department of the Army	8,351,734	2,121,554	6,120,724	7,451	33,785	20,830	16,879	22,004	4,090	4,417	
Department of the Navy	18,219,592	5,852,386	11,887,854	21,544	233,880	50,756	62,939	100,058	2,680	7,495	
Operational Test and Evaluation, Director	186,208	72,697	67,917	0	6,765	0	0	38,829	0	0	
Department of Education	118,745	6,322	9,275	0	62,470	0	40,158	0	520	0	
Department of Energy	2,200,977	242,195	897,085	242,294	81,317	488,059	52,477	185,991	11,559	0	
Bonneville Power Administration	746	746	0	0	0	0	0	0	0	0	
Electricity Delivery and Energy Reliability	91,647	8,263	28,573	8,856	14,036	3,304	6,248	19,141	3,226	0	
Energy Efficiency and Renewable Energy	383,275	149,757	0	14,391	39,384	35,415	10,891	133,437	0	0	
Environmental Management	19,306	1	13,466	336	172	1,104	0	4,227	0	0	
Fossil Energy	230,113	73,067	61,465	0	27,035	12,498	33,398	14,317	8,333	0	
National Nuclear Security Administration	1,475,890	10,361	793,581	218,711	690	435,738	1,940	14,869	0	0	
Defense Programs	680,332	10,359	111,305	133,196	0	425,472	0	0	0	0	
Naval Reactors	746,056	1	681,099	62,577	0	790	1,500	89	0	0	
Nonproliferation and Verification	49,502	1	1,177	22,938	690	9,476	440	14,780	0	0	
Department of Health and Human Services	62,422	31,435	1,050	0	1,003	0	25,584	0	2,929	421	
Agency for Healthcare Research and Quality	29,728	29,728	0	0	0	0	0	0	0	0	
Centers for Disease Control and Prevention	3,243	1,706	1,050	0	66	0	0	0	0	421	
Health Resources and Services Administration	29,451	1	0	0	937	0	25,584	0	2,929	0	
Department of Homeland Security	630,704	241,961	138,645	51,620	12,908	41,846	24,519	116,378	2,827	0	
Science and Technology Directorate	608,861	233,431	125,534	51,470	12,856	41,846	24,519	116,378	2,827	0	
U.S. Coast Guard	21,813	8,500	13,111	150	52	0	0	0	0	0	

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	Total	Intramural ^a	United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
U.S. Secret Service	30	30	0	0	0	0	0	0	0	0
Department of Housing and Urban Development	21,524	12,177	8,830	0	0	0	517	0	0	0
Department of the Interior	71,997	60,103	1,708	0	4,650	0	3,013	0	2,523	0
Bureau of Reclamation	5,361	1,716	1,340	0	429	0	1,823	0	53	0
U.S. Geological Survey	66,636	58,387	368	0	4,221	0	1,190	0	2,470	0
Department of Justice	22,770	16,373	0	0	299	0	0	0	6,098	0
Bureau of Prisons	7,698	1,600	0	0	0	0	0	0	6,098	0
Federal Bureau of Investigation	14,521	14,521	0	0	0	0	0	0	0	0
Office of Justice Programs	551	252	0	0	299	0	0	0	0	0
Department of Labor	2,551	451	2,100	0	0	0	0	0	0	0
Pension Benefit Guaranty Corporation	2,551	451	2,100	0	0	0	0	0	0	0
Department of Transportation	237,278	35,713	155,058	0	8,122	909	11,174	0	26,155	147
Federal Aviation Administration	159,539	14,295	145,244	0	0	0	0	0	0	0
Federal Highway Administration	29,089	9,078	5,735	0	1,468	909	2,862	0	9,037	0
Federal Transit Administration	9,151	620	0	0	2,590	0	5,591	0	350	0
Office of the Secretary	30,292	9,008	0	0	3,558	0	958	0	16,768	0
Pipeline and Hazardous Materials Safety Administration	8,707	2,212	4,079	0	506	0	1,763	0	0	147
Research and Innovative Technology Administration	500	500	0	0	0	0	0	0	0	0
Department of the Treasury	2,284	2,284	0	0	0	0	0	0	0	0
Bureau of Engraving and Printing	1,627	1,627	0	0	0	0	0	0	0	0
U.S. Mint	657	657	0	0	0	0	0	0	0	0
Department of Veterans Affairs	24,441	24,441	0	0	0	0	0	0	0	0
Other agencies										
Environmental Protection Agency	84,615	63,997	10,061	0	7,893	0	2,362	0	116	186
Federal Communications Commission	87	87	0	0	0	0	0	0	0	0
Library of Congress	443	443	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	4,297,428	699,425	2,799,679	801	668,956	2,065	114,596	7,897	759	3,250

FFRDC = federally funded research and development center.

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

NOTES: Department of the Air Force did not include Budget Activity 6.7 Operational Systems Development in preliminary FY 2009 data; therefore these data are not comparable to FY 2008 (actual) data. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2008–10.