

TABLE 49. 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	69,640,161	17,116,407	47,016,029	983,918	1,390,493	1,214,375	546,741	1,126,122	46,225	197,700
Departments										
Department of Agriculture	191,712	172,678	0	0	17,392	0	1,192	0	129	321
Agricultural Marketing Service	2,129	2,129	0	0	0	0	0	0	0	0
Agricultural Research Service	114,125	103,499	0	0	8,984	0	1,192	0	129	321
Animal and Plant Health Inspection Service	28,883	20,475	0	0	8,408	0	0	0	0	0
Forest Service	46,575	46,575	0	0	0	0	0	0	0	0
Department of Commerce	187,835	145,349	18,224	0	22,456	0	1,099	0	707	0
National Institute of Standards and Technology	21,234	3,272	15,531	0	1,598	0	833	0	0	0
National Oceanic and Atmospheric Administration	143,722	119,198	2,693	0	20,858	0	266	0	707	0
U.S. Census Bureau	22,879	22,879	0	0	0	0	0	0	0	0
Department of Defense, total development	61,306,531	15,377,641	43,465,228	255,637	774,462	286,971	275,298	669,816	7,670	191,656
Defense agencies and activities	14,034,011	4,217,969	8,911,573	187,432	249,762	110,289	56,187	125,201	0	173,446
Chemical and Biological Defense	821,252	386,157	387,505	7,547	5,218	5,159	16,703	2,989	0	9,973
Defense Advanced Research Projects Agency	1,576,545	132,506	1,282,732	21,859	85,426	26,235	8,463	6,142	0	13,182
Defense Business Transformation Agency	194,588	99,240	95,348	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	304,147	50,567	245,288	0	0	0	0	8,293	0	0
Defense Logistics Agency	152,384	110,492	30,296	0	11,032	0	565	0	0	0
Defense Technical Information Ctr.	52,113	48,751	3,361	0	0	0	0	0	0	0
Defense Threat Reduction Agency	233,981	59,552	143,468	12,456	5,141	1,109	11,088	1,167	0	0
Joint Staff	80,215	74,511	0	0	0	0	0	5,704	0	0
Missile Defense Agency	8,238,455	2,473,500	5,408,235	112,703	33,405	39,134	5,195	36,080	0	130,204
Office of the Secretary of Defense	1,897,564	714,905	902,347	32,867	109,425	38,652	14,173	62,957	0	20,086
Special Operations Command	470,796	67,204	401,607	0	115	0	0	1,870	0	0
Department of the Air Force	18,588,142	2,691,818	15,386,042	30,957	33,399	89,685	6,949	343,835	4,990	467
Department of the Army	10,241,476	2,938,783	6,854,076	19,388	211,533	28,750	134,625	48,304	0	6,016
Department of the Navy	18,256,693	5,485,713	12,217,640	17,860	271,877	58,247	77,537	113,413	2,680	11,726
Operational Test and Evaluation, Director	186,208	43,357	95,897	0	7,891	0	0	39,062	0	0
Department of Defense, advanced technology	6,419,547	1,531,612	4,047,992	69,056	445,537	71,213	167,813	50,102	100	36,122
Defense agencies and activities	3,319,449	841,337	2,063,801	64,916	182,349	68,086	42,106	25,161	0	31,692
Chemical and Biological Defense	315,781	165,984	119,432	3,499	3,472	700	10,852	1,868	0	9,973
Defense Advanced Research Projects Agency	1,397,012	59,634	1,194,606	21,859	67,000	26,235	8,355	6,142	0	13,182
Defense Logistics Agency	136,792	95,776	30,296	0	10,155	0	565	0	0	0
Defense Threat Reduction Agency	211,582	59,552	121,179	12,456	5,031	1,109	11,088	1,167	0	0
Missile Defense Agency	96,904	24,053	55,993	3,736	5,136	7,486	500	0	0	0
Office of the Secretary of Defense	1,073,564	424,013	466,806	23,366	91,555	32,556	10,746	15,985	0	8,537
Special Operations Command	87,813	12,325	75,488	0	0	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	897,474	151,484	699,690	1,905	24,348	268	1,281	17,936	100	460
Department of the Army	1,398,033	354,043	773,965	1,017	163,586	165	100,933	3,203	0	1,120
Department of the Navy	804,591	184,747	510,536	1,218	75,253	2,694	23,492	3,802	0	2,850
Department of Defense, major systems	54,886,983	13,846,029	39,417,236	186,581	328,925	215,758	107,485	619,714	7,570	155,533
Defense agencies and activities	10,714,562	3,376,632	6,847,772	122,516	67,413	42,203	14,081	100,040	0	141,753
Chemical and Biological Defense	505,471	220,173	268,073	4,048	1,746	4,459	5,851	1,122	0	0
Defense Advanced Research Projects Agency	179,533	72,872	88,126	0	18,427	0	109	0	0	0
Defense Business Transformation Agency	194,588	99,240	95,348	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	304,147	50,567	245,288	0	0	0	0	8,293	0	0
Defense Logistics Agency	15,593	14,716	0	0	877	0	0	0	0	0
Defense Technical Information Ctr.	52,113	48,751	3,361	0	0	0	0	0	0	0
Defense Threat Reduction Agency	22,399	0	22,289	0	110	0	0	0	0	0
Joint Staff	80,215	74,511	0	0	0	0	0	5,704	0	0
Missile Defense Agency	8,141,551	2,449,447	5,352,241	108,967	28,269	31,648	4,695	36,080	0	130,204
Office of the Secretary of Defense	823,999	290,891	435,541	9,501	17,870	6,096	3,426	46,972	0	11,549
Special Operations Command	382,983	54,879	326,119	0	115	0	0	1,870	0	0
Department of the Air Force	17,690,668	2,540,333	14,686,352	29,052	9,050	89,417	5,667	325,899	4,890	8
Department of the Army	8,843,443	2,584,740	6,080,111	18,371	47,947	28,585	33,691	45,101	0	4,896
Department of the Navy	17,452,102	5,300,966	11,707,104	16,642	196,624	55,553	54,045	109,611	2,680	8,877
Operational Test and Evaluation, Director	186,208	43,357	95,897	0	7,891	0	0	39,062	0	0
Department of Education	119,717	5,789	12,366	0	69,252	0	31,791	0	520	0
Department of Energy	2,701,784	451,481	878,224	700,452	126,053	103,418	63,593	369,883	8,680	0
Bonneville Power Administration	746	746	0	0	0	0	0	0	0	0
Electricity Delivery and Energy Reliability	25,465	757	3,835	4,839	1,434	1,717	899	11,984	0	0
Energy Efficiency and Renewable Energy	930,323	363,505	0	34,932	95,597	85,962	26,436	323,892	0	0
Environmental Management	19,306	1	5,959	8,516	172	432	0	4,227	0	0
Fossil Energy	239,700	76,112	64,026	0	28,161	13,018	34,789	14,914	8,680	0
National Nuclear Security Administration	1,486,244	10,360	804,404	652,164	690	2,289	1,470	14,867	0	0
Defense Programs	680,332	10,359	111,305	558,668	0	0	0	0	0	0
Naval Reactors	756,409	1	691,922	62,577	0	790	1,030	89	0	0
Nonproliferation and Verification	49,503	0	1,177	30,919	690	1,499	440	14,778	0	0
Department of Health and Human Services	94,073	32,370	0	0	25,296	0	33,127	0	3,281	0
Agency for Healthcare Research and Quality	30,245	30,245	0	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	30,909	2,125	0	0	22,140	0	5,295	0	1,349	0
Health Resources and Services Administration	32,919	0	0	0	3,156	0	27,831	0	1,931	0
Department of Homeland Security	325,307	113,284	62,963	27,680	16,649	6,250	43,708	52,753	2,021	0
Science and Technology Directorate	311,916	105,271	57,585	27,680	16,649	6,250	43,708	52,753	2,021	0
U.S. Coast Guard	13,391	8,013	5,378	0	0	0	0	0	0	0

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Department of Housing and Urban Development	21,523	12,177	8,828	0	0	0	518	0	0	0
Department of the Interior	74,766	62,527	1,535	0	6,874	0	453	0	3,376	0
Bureau of Reclamation	5,537	3,385	741	0	1,401	0	0	0	10	0
National Park Service	2,805	476	440	0	1,736	0	153	0	0	0
U.S. Geological Survey	66,424	58,666	354	0	3,738	0	300	0	3,366	0
Department of Justice	22,518	16,122	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	299	1	0	0	299	0	0	0	0	0
Department of Labor	2,204	444	1,760	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp.	2,204	444	1,760	0	0	0	0	0	0	0
Department of Transportation	239,228	55,404	128,035	0	12,167	0	7,028	22,980	13,163	451
Federal Aviation Administration	134,838	14,295	97,611	0	0	0	0	22,932	0	0
Federal Highway Administration	30,973	8,886	5,181	0	3,171	0	2,757	48	10,930	0
Federal Railroad Administration	31,515	9,507	18,725	0	3,284	0	0	0	0	0
Federal Transit Administration	6,255	363	1,617	0	2,042	0	0	0	2,233	0
Office of the Secretary	20,463	13,965	1,658	0	3,320	0	1,520	0	0	0
Pipeline and Hazardous Materials Safety Administration	7,729	934	3,244	0	350	0	2,751	0	0	451
Research and Innovative Technology Administration	7,455	7,455	0	0	0	0	0	0	0	0
Department of the Treasury	1,573	916	657	0	0	0	0	0	0	0
Bureau of Engraving and Printing	816	816	0	0	0	0	0	0	0	0
U.S. Mint	757	100	657	0	0	0	0	0	0	0
Department of Veterans Affairs	32,700	32,700	0	0	0	0	0	0	0	0
Other agencies										
Environmental Protection Agency	84,743	64,012	10,167	0	7,899	0	2,368	0	116	181
Federal Communications Commission	87	87	0	0	0	0	0	0	0	0
Library of Congress	311	311	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	4,233,548	573,116	2,428,041	150	311,694	817,736	86,566	10,690	464	5,091

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: 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 2009–11.