

TABLE 50. Preliminary federal obligations for development, by agency and performer: FY 2010

(Dollars in thousands)

Agency	Total	Intramural ^a	Extramural							
			United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
All agencies	71,175,961	18,204,847	47,275,479	1,055,012	1,411,904	1,273,406	659,843	1,111,813	51,422	132,234
Departments										
Department of Agriculture	192,248	173,654	0	0	17,362	0	894	0	97	241
Agricultural Marketing Service	2,182	2,182	0	0	0	0	0	0	0	0
Agricultural Research Service	117,965	109,422	0	0	7,312	0	894	0	97	241
Animal and Plant Health Inspection Service	30,128	20,077	0	0	10,050	0	0	0	0	0
Forest Service	41,973	41,973	0	0	0	0	0	0	0	0
Department of Commerce	211,181	139,206	47,357	0	23,045	0	1,063	0	510	0
National Institute of Standards and Technology	51,449	4,308	44,328	0	1,980	0	833	0	0	0
National Oceanic and Atmospheric Administration	120,472	95,638	3,029	0	21,065	0	230	0	510	0
U.S. Census Bureau	39,260	39,260	0	0	0	0	0	0	0	0
Department of Defense, total development	62,290,875	16,291,055	43,513,366	259,183	780,506	283,893	369,702	660,706	7,584	124,881
Defense agencies and activities	12,923,498	5,079,505	7,060,353	129,348	271,981	119,876	49,212	104,913	0	108,309
Chemical and Biological Defense	579,535	304,306	229,748	5,824	15,512	7,413	7,743	2,475	0	6,514
Defense Advanced Research Projects Agency	1,867,783	163,532	1,513,127	25,615	102,193	30,743	9,930	7,197	0	15,447
Defense Business Transformation Agency	193,977	98,928	95,049	0	0	0	0	0	0	0
Defense Contract Management Agency	11,311	395	10,916	0	0	0	0	0	0	0
Defense Information Systems Agency	279,701	77,134	195,843	0	0	2,146	0	4,578	0	0
Defense Logistics Agency	131,783	80,875	33,813	0	16,575	0	520	0	0	0
Defense Technical Information Ctr.	58,350	43,820	14,530	0	0	0	0	0	0	0
Defense Threat Reduction Agency	249,872	67,235	147,745	14,063	5,741	1,252	12,519	1,318	0	0
Joint Staff	125,592	124,115	0	0	0	0	0	1,477	0	0
Missile Defense Agency	7,042,564	3,400,987	3,443,511	49,986	17,122	39,943	4,366	30,335	0	56,315
Office of the Secretary of Defense	1,885,093	647,044	952,791	33,131	112,847	38,380	14,134	56,734	0	30,033
Special Operations Command	497,936	71,134	423,280	729	1,992	0	0	800	0	0
Department of the Air Force	20,181,936	2,649,627	16,920,156	55,111	60,325	91,309	43,119	356,692	4,809	789
Department of the Army	10,551,000	3,644,293	6,410,951	42,717	184,798	36,930	161,711	63,451	0	6,149
Department of the Navy	18,437,478	4,871,768	13,021,519	32,007	255,055	35,778	115,660	93,283	2,775	9,634
Operational Test and Evaluation, Director	196,963	45,862	100,387	0	8,347	0	0	42,367	0	0
Department of Defense, advanced technology	6,697,495	1,479,025	4,320,768	73,069	460,599	87,415	185,416	47,371	61	43,770
Defense agencies and activities	3,455,227	717,994	2,282,721	65,137	204,483	81,756	38,961	24,354	0	39,821
Chemical and Biological Defense	148,924	77,138	46,795	2,447	9,292	3,649	2,589	500	0	6,514
Defense Advanced Research Projects Agency	1,637,057	69,881	1,399,872	25,615	78,512	30,743	9,790	7,197	0	15,447
Defense Logistics Agency	127,914	77,506	33,813	0	16,075	0	520	0	0	0
Defense Threat Reduction Agency	238,879	67,235	136,813	14,063	5,680	1,252	12,519	1,318	0	0
Missile Defense Agency	207,161	66,953	121,222	0	3,868	13,285	0	1,833	0	0
Office of the Secretary of Defense	1,021,526	348,928	483,514	22,283	89,064	32,828	13,543	13,507	0	17,860
Special Operations Command	73,766	10,353	60,692	729	1,992	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	996,375	174,937	752,640	5,883	38,388	2,723	4,135	17,110	61	500
Department of the Army	1,422,210	395,930	763,191	795	140,002	160	118,112	3,507	0	512
Department of the Navy	823,683	190,164	522,217	1,255	77,726	2,776	24,208	2,400	0	2,937
Department of Defense, major systems	55,593,380	14,812,030	39,192,598	186,114	319,907	196,478	184,285	613,335	7,523	81,111
Defense agencies and activities	9,468,271	4,361,511	4,777,633	64,211	67,499	38,120	10,251	80,559	0	68,488
Chemical and Biological Defense	430,611	227,168	182,953	3,377	6,220	3,764	5,154	1,975	0	0
Defense Advanced Research Projects Agency	230,726	93,651	113,254	0	23,681	0	140	0	0	0
Defense Business Transformation Agency	193,977	98,928	95,049	0	0	0	0	0	0	0
Defense Contract Management Agency	11,311	395	10,916	0	0	0	0	0	0	0
Defense Information Systems Agency	279,701	77,134	195,843	0	0	2,146	0	4,578	0	0
Defense Logistics Agency	3,869	3,369	0	0	500	0	0	0	0	0
Defense Technical Information Ctr.	58,350	43,820	14,530	0	0	0	0	0	0	0
Defense Threat Reduction Agency	10,993	0	10,932	0	61	0	0	0	0	0
Joint Staff	125,592	124,115	0	0	0	0	0	1,477	0	0
Missile Defense Agency	6,835,403	3,334,034	3,322,288	49,986	13,254	26,658	4,366	28,502	0	56,315
Office of the Secretary of Defense	863,567	298,116	469,277	10,848	23,783	5,553	591	43,227	0	12,173
Special Operations Command	424,170	60,781	362,589	0	0	0	0	800	0	0
Department of the Air Force	19,185,561	2,474,690	16,167,516	49,228	21,937	88,586	38,985	339,582	4,748	289
Department of the Army	9,128,790	3,248,362	5,647,760	41,923	44,796	36,770	43,599	59,944	0	5,637
Department of the Navy	17,613,795	4,681,604	12,499,302	30,752	177,328	33,002	91,452	90,883	2,775	6,697
Operational Test and Evaluation, Director	196,963	45,862	100,387	0	8,347	0	0	42,367	0	0
Department of Education	137,537	6,049	11,973	0	86,323	0	32,803	0	389	0
Department of Energy	3,125,825	524,923	1,111,973	769,216	153,840	105,544	71,954	379,552	8,824	0
Electricity Delivery and Energy Reliability	39,721	6,031	5,061	7,252	1,915	2,092	4,938	12,430	0	0
Energy Efficiency and Renewable Energy	983,438	366,676	0	80,237	96,430	86,712	26,666	326,717	0	0
Energy Transformation Acceleration Fund	182,260	7,411	144,587	0	24,348	0	3,401	2,514	0	0
Environmental Management	46,000	1	14,260	20,240	459	920	0	10,120	0	0
Fossil Energy	243,652	77,366	65,082	0	28,625	13,233	35,363	15,159	8,824	0
National Nuclear Security Administration	1,564,330	67,437	858,698	619,349	2,062	2,587	1,587	12,611	0	0
Defense Programs	675,082	67,436	79,948	527,698	0	0	0	0	0	0
Naval Reactors	843,677	1	778,331	63,595	0	646	1,014	90	0	0
Nonproliferation and Verification	45,571	0	419	28,056	2,062	1,941	573	12,521	0	0
Nuclear Energy	66,425	1	24,285	42,138	0	0	0	0	0	0
Department of Health and Human Services	137,797	89,612	0	0	14,916	0	25,706	0	6,186	1,378
Agency for Healthcare Research and Quality	87,247	87,247	0	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	15,731	2,365	0	0	7,644	0	2,995	0	1,349	1,378
Health Resources and Services Administration	34,820	0	0	0	7,272	0	22,711	0	4,836	0
Department of Homeland Security	395,537	134,671	79,636	19,353	20,197	27,872	53,022	58,334	2,452	0
Science and Technology Directorate	378,385	127,704	69,451	19,353	20,197	27,872	53,022	58,334	2,452	0

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U.S. Coast Guard	17,152	6,967	10,185	0	0	0	0	0	0	0
Department of Housing and Urban Development	22,893	11,885	6,264	0	0	0	4,745	0	0	0
Department of the Interior	80,153	70,202	1,665	0	3,602	478	198	2,032	1,975	0
Bureau of Reclamation	5,977	1,913	1,494	0	0	478	0	2,032	60	0
U.S. Geological Survey	74,176	68,289	171	0	3,602	0	198	0	1,915	0
Department of Justice	37,923	31,678	0	0	0	0	0	0	6,245	0
Bureau of Prisons	7,923	1,678	0	0	0	0	0	0	6,245	0
Federal Bureau of Investigation	30,000	30,000	0	0	0	0	0	0	0	0
Department of Labor	2,418	452	1,966	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp.	2,418	452	1,966	0	0	0	0	0	0	0
Department of Transportation	251,797	57,945	145,685	7,101	8,994	52	14,760	170	16,589	500
Federal Aviation Administration	132,171	13,563	118,608	0	0	0	0	0	0	0
Federal Highway Administration	31,911	7,551	5,102	0	3,115	52	2,340	170	13,581	0
Federal Railroad Administration	40,587	21,660	17,037	0	1,890	0	0	0	0	0
Federal Transit Administration	3,788	294	0	0	486	0	0	0	3,008	0
Office of the Secretary	28,575	6,972	0	7,101	3,253	0	11,249	0	0	0
Pipeline and Hazardous Materials Safety Administration	7,439	579	4,939	0	250	0	1,171	0	0	500
Research and Innovative Technology Administration	7,326	7,326	0	0	0	0	0	0	0	0
Department of the Treasury	1,187	241	946	0	0	0	0	0	0	0
Bureau of Engraving and Printing	141	141	0	0	0	0	0	0	0	0
U.S. Mint	1,046	100	946	0	0	0	0	0	0	0
Department of Veterans Affairs	35,000	35,000	0	0	0	0	0	0	0	0
Other agencies										
Environmental Protection Agency	77,881	62,750	6,828	0	7,234	0	948	0	81	39
Federal Communications Commission	855	855	0	0	0	0	0	0	0	0
Library of Congress	643	643	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	4,174,211	574,026	2,347,819	159	295,884	855,567	84,048	11,020	492	5,195

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.