

TABLE 51. Preliminary federal obligations for development, by agency and performer: FY 2011

(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	67,414,273	18,916,793	43,768,396	913,590	1,133,172	1,151,503	429,052	944,899	40,290	116,578
Departments										
Department of Agriculture	192,680	175,870	0	0	15,579	0	894	0	97	241
Agricultural Marketing Service	2,642	2,642	0	0	0	0	0	0	0	0
Agricultural Research Service	119,967	112,949	0	0	5,786	0	894	0	97	241
Animal and Plant Health Inspection Service	29,358	19,564	0	0	9,793	0	0	0	0	0
Forest Service	40,714	40,714	0	0	0	0	0	0	0	0
Department of Commerce	334,333	281,221	31,081	0	20,858	0	833	0	340	0
National Institute of Standards and Technology	40,319	6,584	30,896	0	2,006	0	833	0	0	0
National Oceanic and Atmospheric Administration	260,755	241,378	185	0	18,852	0	0	0	340	0
U.S. Census Bureau	33,259	33,259	0	0	0	0	0	0	0	0
Department of Defense, total development	59,166,867	17,074,083	40,134,644	236,434	561,904	230,646	180,502	632,724	6,887	109,044
Defense agencies and activities	12,877,640	5,338,024	6,837,201	130,902	208,579	123,466	42,044	98,253	0	99,172
Chemical and Biological Defense	871,122	348,130	487,475	5,067	7,888	6,274	5,689	2,685	0	7,916
Defense Advanced Research Projects Agency	1,515,175	112,360	1,256,549	22,386	68,615	26,868	8,607	6,290	0	13,500
Defense Contract Management Agency	11,661	415	11,246	0	0	0	0	0	0	0
Defense Information Systems Agency	239,378	48,330	185,621	0	0	1,350	0	4,076	0	0
Defense Logistics Agency	115,785	73,730	25,291	0	16,245	0	520	0	0	0
Defense Technical Information Ctr.	59,880	55,066	4,814	0	0	0	0	0	0	0
Defense Threat Reduction Agency	297,049	81,490	173,290	17,044	6,938	1,517	15,173	1,597	0	0
Joint Staff	123,707	122,196	0	0	0	0	0	1,511	0	0
Missile Defense Agency	7,454,634	3,725,405	3,547,198	49,887	15,579	39,118	4,366	16,765	0	56,315
Office of the Secretary of Defense	1,743,213	707,166	766,220	35,767	91,262	48,339	7,689	65,329	0	21,441
Special Operations Command	446,036	63,737	379,497	751	2,052	0	0	0	0	0
Department of the Air Force	20,897,995	2,714,145	17,670,805	55,567	29,087	67,657	23,685	332,361	4,685	3
Department of the Army	8,864,447	3,500,503	5,138,613	21,224	79,428	7,308	46,595	68,902	0	1,874
Department of the Navy	16,332,342	5,476,135	10,390,308	28,741	236,569	32,216	68,177	89,998	2,202	7,995
Operational Test and Evaluation, Director	194,443	45,275	97,717	0	8,240	0	0	43,210	0	0
Department of Defense, advanced technology	5,520,803	1,345,157	3,526,951	80,435	326,860	87,764	73,753	43,625	26	36,231
Defense agencies and activities	3,245,586	769,392	2,051,426	68,674	180,639	82,853	33,482	25,474	0	33,645
Chemical and Biological Defense	245,539	122,156	96,657	4,127	5,644	6,147	2,046	846	0	7,916
Defense Advanced Research Projects Agency	1,430,700	61,072	1,223,413	22,386	68,615	26,868	8,556	6,290	0	13,500
Defense Logistics Agency	95,083	55,028	25,291	0	14,245	0	520	0	0	0
Defense Threat Reduction Agency	289,524	81,490	165,818	17,044	6,885	1,517	15,173	1,597	0	0
Missile Defense Agency	131,629	36,893	76,591	0	3,853	12,460	0	1,833	0	0
Office of the Secretary of Defense	992,620	404,264	414,458	24,366	79,346	35,862	7,188	14,908	0	12,229
Special Operations Command	60,491	8,490	49,198	751	2,052	0	0	0	0	0
Department of the Air Force	778,897	140,017	591,750	3,307	22,648	0	7,761	13,388	26	0
Department of the Army	857,537	292,806	474,295	7,510	65,162	160	14,274	2,955	0	374

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Department of the Navy	638,783	142,942	409,480	945	58,411	4,751	18,234	1,808	0	2,212
Department of Defense, major systems	53,646,064	15,728,926	36,607,693	155,998	235,044	142,882	106,749	589,099	6,861	72,813
Defense agencies and activities	9,632,054	4,568,632	4,785,775	62,228	27,940	40,612	8,561	72,779	0	65,527
Chemical and Biological Defense	625,583	225,973	390,818	940	2,244	127	3,643	1,839	0	0
Defense Advanced Research Projects Agency	84,475	51,288	33,136	0	0	0	51	0	0	0
Defense Contract Management Agency	11,661	415	11,246	0	0	0	0	0	0	0
Defense Information Systems Agency	239,378	48,330	185,621	0	0	1,350	0	4,076	0	0
Defense Logistics Agency	20,702	18,702	0	0	2,000	0	0	0	0	0
Defense Technical Information Ctr.	59,880	55,066	4,814	0	0	0	0	0	0	0
Defense Threat Reduction Agency	7,525	0	7,472	0	54	0	0	0	0	0
Joint Staff	123,707	122,196	0	0	0	0	0	1,511	0	0
Missile Defense Agency	7,323,005	3,688,513	3,470,608	49,887	11,726	26,658	4,366	14,932	0	56,315
Office of the Secretary of Defense	750,593	302,902	351,762	11,401	11,916	12,477	501	50,421	0	9,212
Special Operations Command	385,546	55,247	330,299	0	0	0	0	0	0	0
Department of the Air Force	20,119,098	2,574,128	17,079,055	52,260	6,439	67,657	15,924	318,973	4,659	3
Department of the Army	8,006,910	3,207,697	4,664,318	13,714	14,266	7,148	32,321	65,947	0	1,500
Department of the Navy	15,693,559	5,333,194	9,980,828	27,796	178,158	27,465	49,943	88,190	2,202	5,783
Operational Test and Evaluation, Director	194,443	45,275	97,717	0	8,240	0	0	43,210	0	0
Department of Education	152,840	5,906	12,351	0	96,425	0	38,159	0	0	0
Department of Energy	2,506,989	330,187	1,056,351	660,112	84,801	67,833	52,519	247,727	7,458	0
Bonneville Power Administration	2,163	2,163	0	0	0	0	0	0	0	0
Electricity Delivery and Energy Reliability	42,896	4,584	5,756	8,247	2,178	2,380	5,615	14,136	0	0
Energy Efficiency and Renewable Energy	555,562	217,075	0	20,860	57,088	51,334	15,787	193,419	0	0
Environmental Management	80,000	1	24,800	35,200	799	1,600	0	17,600	0	0
Fossil Energy	205,944	65,393	55,009	0	24,195	11,185	29,890	12,813	7,458	0
National Nuclear Security Administration	1,620,423	40,971	970,786	595,805	541	1,335	1,227	9,759	0	0
Defense Programs	636,986	40,970	80,077	515,939	0	0	0	0	0	0
Naval Reactors	955,136	1	890,199	63,100	0	692	1,052	92	0	0
Nonproliferation and Verification	28,301	0	510	16,766	541	643	175	9,667	0	0
Department of Health and Human Services	68,524	51,091	0	0	5,883	0	9,283	0	889	1,378
Agency for Healthcare Research and Quality	48,873	48,873	0	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	9,163	2,218	0	0	3,330	0	1,349	0	889	1,378
Health Resources and Services Administration	10,488	0	0	0	2,553	0	7,935	0	0	0
Department of Homeland Security	343,923	118,483	67,349	16,882	17,618	24,313	46,252	50,886	2,139	0
Science and Technology Directorate	330,074	111,399	60,584	16,882	17,618	24,313	46,252	50,886	2,139	0
U.S. Coast Guard	13,849	7,085	6,764	0	0	0	0	0	0	0
Department of Housing and Urban Development	41,272	14,299	22,853	0	66	0	4,054	0	0	0

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Agency	Extramural									
	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	
Department of the Interior	86,821	76,604	1,660	0	4,302	0	207	2,032	2,016	0
Bureau of Reclamation	5,977	1,913	1,494	0	478	0	0	2,032	60	0
U.S. Geological Survey	80,844	74,691	166	0	3,824	0	207	0	1,956	0
Department of Justice	38,002	31,702	0	0	0	0	0	0	6,300	0
Bureau of Prisons	8,002	1,702	0	0	0	0	0	0	6,300	0
Federal Bureau of Investigation	30,000	30,000	0	0	0	0	0	0	0	0
Department of Labor	1,262	462	800	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp.	1,262	462	800	0	0	0	0	0	0	0
Department of Transportation	229,302	57,101	143,798	0	7,406	52	6,694	170	13,581	500
Federal Aviation Administration	111,245	12,869	98,376	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	63,174	26,298	33,335	0	3,541	0	0	0	0	0
Federal Transit Administration	2,848	348	2,000	0	500	0	0	0	0	0
Office of the Secretary	9,819	6,624	0	0	0	0	3,195	0	0	0
Pipeline and Hazardous Materials Safety Administration	7,513	619	4,985	0	250	0	1,159	0	0	500
Research and Innovative Technology Administration	2,792	2,792	0	0	0	0	0	0	0	0
Department of the Treasury	1,588	507	1,081	0	0	0	0	0	0	0
Bureau of Engraving and Printing	407	407	0	0	0	0	0	0	0	0
U.S. Mint	1,181	100	1,081	0	0	0	0	0	0	0
Department of Veterans Affairs	35,518	35,518	0	0	0	0	0	0	0	0
Other agencies										
Environmental Protection Agency	79,041	63,685	6,930	0	7,342	0	963	0	82	40
Federal Communications Commission	921	921	0	0	0	0	0	0	0	0
Library of Congress	777	777	0	0	0	0	0	0	0	0
National Aeronautics and Space Administration	4,133,614	598,377	2,289,498	162	310,987	828,658	88,693	11,360	501	5,376

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.