

TABLE 44. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2011

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences			Social sciences	Other sciences, nec	Engineering
				Physical sciences	Psychology				
All agencies	30,288,947	1,583,999	14,931,115	1,739,535	1,738,495	969,790	892,302	2,010,078	6,423,634
Departments									
Department of Agriculture	1,348,531	11,700	1,058,979	5,797	70,486	0	163,178	0	38,391
Agricultural Marketing Service	2,642	0	2,642	0	0	0	0	0	0
Agricultural Research Service	479,868	2,111	440,854	624	31,959	0	0	0	4,319
Economic Research Service	101,422	0	0	0	0	0	101,422	0	0
Foreign Agricultural Service	306	0	306	0	0	0	0	0	0
Forest Service	203,614	4,755	154,818	1,073	6,006	0	26,704	0	10,258
National Agricultural Statistics Service	4,100	0	0	4,100	0	0	0	0	0
National Institute of Food and Agriculture	552,379	4,834	457,558	0	32,521	0	33,652	0	23,814
Rural Business-Cooperative Service	4,200	0	2,800	0	0	0	1,400	0	0
Department of Commerce	923,125	390,711	90,873	83,141	110,325	562	19,759	9,275	218,479
Economic Development Administration	2,680	0	0	0	0	0	2,680	0	0
National Institute of Standards and Technology	384,424	3,249	9,277	75,234	92,614	0	883	3,303	199,864
National Oceanic and Atmospheric Administration	521,517	387,462	81,596	4,030	17,711	0	15,016	5,972	9,730
National Telecommunications and Information Administration	8,885	0	0	0	0	0	0	0	8,885
U.S. Census Bureau	5,619	0	0	3,877	0	562	1,180	0	0
Department of Defense	4,540,689	167,202	544,318	647,151	539,296	44,985	13,661	98,524	2,485,554
Defense agencies and activities	1,781,634	27,422	358,061	480,559	235,193	3,257	2,846	37,750	636,544
Chemical and Biological Defense	209,306	715	114,276	1,046	88,639	0	0	4,630	0
Defense Advanced Research Projects Agency	1,260,925	25,200	239,889	415,892	74,551	0	0	10,612	494,780
Defense Threat Reduction Agency	213,586	0	0	32,139	70,496	0	0	21,514	89,438
Office of the Secretary of Defense	69,149	1,507	1,507	31,482	1,507	3,257	2,846	994	26,049
Special Operations Command	28,668	0	2,390	0	0	0	0	0	26,278
Department of the Air Force	1,180,906	29,171	23,987	55,757	202,983	19,230	3,964	57,250	788,564
Department of the Army	940,177	23,715	120,415	79,183	94,805	22,498	270	3,524	595,767
Department of the Navy	637,972	86,894	41,854	31,651	6,316	0	6,580	0	464,678
Department of Education	241,081	0	13,232	0	0	12,218	208,592	0	7,038
Department of Energy	3,455,155	65,054	243	624,114	761,233	0	0	495,435	1,509,076
Bonneville Power Administration	2,494	0	0	0	0	0	0	0	2,494
Electricity Delivery and Energy Reliability	91,932	0	0	0	0	0	0	0	91,932
Energy Efficiency and Renewable Energy	510,138	0	0	0	0	0	0	0	510,138
Environmental Management	40,000	40,000	0	0	0	0	0	0	0
Fossil Energy	164,755	16,379	0	0	26,956	0	0	0	121,420
National Nuclear Security Administration	2,150,537	8,675	243	624,114	734,277	0	0	135	783,092
Defense Programs	1,991,107	0	0	615,748	672,814	0	0	0	702,545
Nonproliferation and Verification	159,430	8,675	243	8,366	61,463	0	0	135	80,547
Nuclear Energy	495,300	0	0	0	0	0	0	495,300	0

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Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences			Social sciences	Other sciences, nec	Engineering
				Physical sciences	Psychology				
Department of Health and Human Services	15,888,371	298,945	12,369,735	134,458	126,394	818,191	200,866	1,192,056	747,727
Administration for Children and Families	14,542	0	0	0	0	0	14,542	0	0
Agency for Healthcare Research and Quality	562,039	0	293,322	74,401	0	9,825	53,501	130,057	932
Agency for Toxic Substances and Disease Registry	4,326	4,326	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	289,833	105,727	133,818	0	0	0	28,444	21,844	0
Ctrs. for Medicare and Medicaid Services	47,178	0	47,178	0	0	0	0	0	0
Food and Drug Administration	231,666	0	231,666	0	0	0	0	0	0
Health Resources and Services Administration	26,554	0	26,554	0	0	0	0	0	0
National Institutes of Health	14,690,333	188,891	11,637,197	60,057	126,394	808,365	82,479	1,040,155	746,795
Office of the Secretary	21,900	0	0	0	0	0	21,900	0	0
Office of the Assistant Secretary, Planning and Evaluation	21,900	0	0	0	0	0	21,900	0	0
Department of Homeland Security	260,004	4,726	58,376	42,771	40,060	5,228	14,697	9,021	85,126
Science and Technology Directorate	253,069	3,736	58,376	40,871	40,060	4,452	14,697	9,021	81,857
U.S. Coast Guard	6,935	990	0	1,900	0	776	0	0	3,269
Department of Housing and Urban Development	104,791	0	0	0	0	0	87,595	17,121	75
Department of the Interior	589,619	337,742	228,586	8,378	0	0	6,051	295	8,567
Bureau of Reclamation	3,218	0	274	0	0	0	0	295	2,649
Minerals Management Service	40,002	13,966	18,257	0	0	0	3,956	0	3,823
U.S. Geological Survey	546,399	323,776	210,055	8,378	0	0	2,095	0	2,095
Department of Justice	16,884	0	0	0	0	0	14,000	2,884	0
Bureau of Prisons	2,884	0	0	0	0	0	0	2,884	0
Office of Justice Programs	14,000	0	0	0	0	0	14,000	0	0
Department of Labor	25,188	0	0	0	0	0	19,258	5,930	0
Employee Benefits Security Administration	2,991	0	0	0	0	0	2,991	0	0
Employment and Training Administration	16,100	0	0	0	0	0	16,100	0	0
Occupational Safety and Health Administration	5,930	0	0	0	0	0	0	5,930	0
Pension Benefit Guaranty Corp.	167	0	0	0	0	0	167	0	0
Department of State	2,941	0	0	0	0	0	2,941	0	0
Department of Transportation	707,101	31,598	25,346	30,487	95	38,234	10,605	80,570	490,164
Federal Aviation Administration	221,413	27,190	11,217	18,542	0	38,234	0	5,450	120,780
Federal Highway Administration	368,008	4,408	124	6,165	0	0	1,663	38,388	317,258
Federal Motor Carrier Safety Administration	6,146	0	0	0	0	0	0	6,146	0
Federal Railroad Administration	8,775	0	0	0	0	0	0	0	8,775
Federal Transit Administration	30,313	0	0	0	0	0	0	30,313	0
National Highway Traffic Safety Administration	66,000	0	14,005	5,185	0	0	8,442	0	38,368
Pipeline and Hazardous Materials Safety Administration	2,213	0	0	595	95	0	500	273	750
Research and Innovative Technology Administration	4,233	0	0	0	0	0	0	0	4,233
Department of the Treasury	73,914	0	0	0	3,314	0	0	70,600	0
Bureau of Engraving and Printing	3,314	0	0	0	3,314	0	0	0	0

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Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
Internal Revenue Service	70,600	0	0	0	0	0	0	70,600	0
Department of Veterans Affairs	307,584	0	244,821	0	0	44,939	0	0	17,824
Other agencies									
Agency for International Development	112,369	2,244	93,536	0	0	0	9,156	7,433	0
Appalachian Regional Commission	730	0	0	0	0	0	400	330	0
Environmental Protection Agency	368,858	152,032	145,719	7,857	8,807	0	2,131	0	52,311
Federal Communications Commission	3,739	0	0	135	600	0	1,602	0	1,402
Federal Trade Commission	2,365	0	0	0	0	0	2,365	0	0
Library of Congress	539	0	0	0	539	0	0	0	0
National Aeronautics and Space Administration	731,250	112,628	55,144	20,076	71,179	4,845	0	4,640	462,738
National Archives and Records Administration	4,500	0	0	4,500	0	0	0	0	0
National Science Foundation	435,446	9,415	2,208	130,671	6,164	588	25,814	15,964	244,622
Nuclear Regulatory Commission	54,541	0	0	0	0	0	0	0	54,541
Social Security Administration	89,632	0	0	0	0	0	89,632	0	0

nec = not elsewhere classified.

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.