

TABLE 43. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2010

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical	Psychology	Social sciences	Other	Engineering
				and computer sciences	sciences			sciences, nec	
All agencies	33,198,420	1,579,080	16,567,303	1,866,780	1,793,640	1,073,577	922,658	2,073,199	7,322,183
Departments									
Department of Agriculture	1,375,785	13,244	1,106,259	5,686	65,925	0	147,860	0	36,811
Agricultural Marketing Service	2,182	0	2,182	0	0	0	0	0	0
Agricultural Research Service	471,861	2,076	433,499	613	31,426	0	0	0	4,247
Economic Research Service	84,519	0	0	0	0	0	84,519	0	0
Foreign Agricultural Service	306	0	306	0	0	0	0	0	0
Forest Service	209,905	4,902	159,601	1,073	6,191	0	27,563	0	10,575
National Agricultural Statistics Service	4,000	0	0	4,000	0	0	0	0	0
National Institute of Food and Agriculture	598,851	6,266	508,089	0	28,308	0	34,199	0	21,989
Rural Business-Cooperative Service	4,161	0	2,582	0	0	0	1,579	0	0
Department of Commerce	977,766	354,960	94,765	108,202	141,655	907	18,795	9,610	248,872
Economic Development Administration	1,469	0	0	0	0	0	1,469	0	0
National Institute of Standards and Technology	471,918	744	12,210	98,195	125,158	0	400	3,638	231,574
National Oceanic and Atmospheric Administration	487,349	354,216	82,555	3,752	16,497	0	15,023	5,972	9,334
National Telecommunications and Information Administration	7,964	0	0	0	0	0	0	0	7,964
U.S. Census Bureau	9,065	0	0	6,255	0	907	1,903	0	0
Department of Defense	5,233,542	192,087	658,659	752,381	545,468	43,080	10,045	109,772	2,922,049
Defense agencies and activities	1,980,422	36,007	364,848	573,229	216,318	7,557	2,746	40,948	738,770
Chemical and Biological Defense	119,007	160	76,771	530	37,177	0	0	4,368	0
Defense Advanced Research Projects Agency	1,481,085	29,600	281,774	488,508	87,568	0	0	12,465	581,170
Defense Threat Reduction Agency	230,127	0	0	33,814	85,326	0	0	19,516	91,470
Office of the Secretary of Defense	121,679	6,246	6,246	50,377	6,246	7,557	2,746	4,599	37,662
Special Operations Command	28,525	0	57	0	0	0	0	0	28,468
Department of the Air Force	1,206,429	32,372	26,295	55,200	197,151	17,826	0	64,565	813,019
Department of the Army	1,321,354	24,313	219,850	93,123	124,806	17,697	243	254	841,068
Department of the Navy	725,337	99,395	47,665	30,830	7,192	0	7,056	4,006	529,192
Department of Education	217,527	0	13,130	0	0	12,124	185,288	0	6,984
Department of Energy	3,676,955	53,957	0	578,118	768,594	5,218	0	292,067	1,979,001
Bonneville Power Administration	5,483	0	0	0	0	0	0	0	5,483
Electricity Delivery and Energy Reliability	70,698	0	0	0	0	0	0	0	70,698
Energy Efficiency and Renewable Energy	891,000	0	0	0	0	0	0	0	891,000
Energy Transformation Acceleration Fund	205,158	0	0	0	0	5,218	0	0	199,939
Environmental Management	24,000	24,000	0	0	0	0	0	0	0
Fossil Energy	194,922	19,378	0	0	31,892	0	0	0	143,652
National Nuclear Security Administration	1,994,485	10,579	0	578,118	736,702	0	0	858	668,229
Defense Programs	1,787,047	0	0	566,069	646,395	0	0	0	574,583
Nonproliferation and Verification	207,438	10,579	0	12,049	90,307	0	0	858	93,646
Nuclear Energy	291,209	0	0	0	0	0	0	291,209	0

TABLE 43. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2010

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
Department of Health and Human Services	17,942,175	318,608	13,839,975	199,214	139,732	911,211	297,276	1,408,893	827,266
Administration for Children and Families	14,243	0	0	0	0	0	14,243	0	0
Agency for Healthcare Research and Quality	1,003,342	0	523,634	132,820	0	17,540	95,509	232,176	1,663
Agency for Toxic Substances and Disease Registry	3,604	3,604	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	307,144	106,180	132,314	0	0	0	41,854	26,796	0
Ctrs. for Medicare and Medicaid Services	81,681	0	81,681	0	0	0	0	0	0
Food and Drug Administration	210,605	0	210,605	0	0	0	0	0	0
Health Resources and Services Administration	26,486	0	26,486	0	0	0	0	0	0
National Institutes of Health	16,240,584	208,824	12,865,255	66,394	139,732	893,671	91,183	1,149,921	825,603
Office of the Secretary	54,486	0	0	0	0	0	54,486	0	0
Office of the Assistant Secretary, Planning and Evaluation	54,486	0	0	0	0	0	54,486	0	0
Department of Homeland Security	298,461	5,388	66,920	48,843	45,923	5,908	16,849	10,341	98,288
Science and Technology Directorate	290,110	4,283	66,920	46,853	45,923	5,103	16,849	10,341	93,837
U.S. Coast Guard	8,351	1,105	0	1,990	0	805	0	0	4,451
Department of Housing and Urban Development	38,810	13	0	0	0	0	35,744	1,973	1,080
Department of the Interior	585,854	333,659	228,995	7,528	0	0	6,609	295	8,767
Bureau of Reclamation	3,218	0	274	0	0	0	0	295	2,649
Minerals Management Service	46,011	16,862	20,527	0	0	0	4,556	0	4,065
U.S. Geological Survey	536,625	316,797	208,194	7,528	0	0	2,053	0	2,053
Department of Justice	18,153	0	0	0	0	0	14,915	3,238	0
Bureau of Prisons	3,238	0	0	0	0	0	0	3,238	0
Office of Justice Programs	14,915	0	0	0	0	0	14,915	0	0
Department of Labor	66,829	0	0	0	0	0	61,031	5,798	0
Employee Benefits Security Administration	5,705	0	0	0	0	0	5,705	0	0
Employment and Training Administration	55,161	0	0	0	0	0	55,161	0	0
Occupational Safety and Health Administration	5,798	0	0	0	0	0	0	5,798	0
Pension Benefit Guaranty Corp.	165	0	0	0	0	0	165	0	0
Department of State	2,941	0	0	0	0	0	2,941	0	0
Department of Transportation	695,980	36,192	25,734	31,608	95	45,583	9,654	75,300	471,813
Federal Aviation Administration	223,208	31,784	12,257	20,397	0	45,583	0	8,626	104,561
Federal Highway Administration	368,008	4,408	124	6,165	0	0	1,663	38,388	317,258
Federal Motor Carrier Safety Administration	6,652	0	0	0	0	0	0	6,652	0
Federal Railroad Administration	9,016	0	0	0	0	0	0	0	9,016
Federal Transit Administration	21,361	0	0	0	0	0	0	21,361	0
National Highway Traffic Safety Administration	61,000	0	13,353	4,156	0	0	7,541	0	35,950
Pipeline and Hazardous Materials Safety Administration	2,646	0	0	889	95	0	450	272	940
Research and Innovative Technology Administration	4,088	0	0	0	0	0	0	0	4,088
Department of the Treasury	71,418	0	0	0	889	0	0	70,529	0
Bureau of Engraving and Printing	889	0	0	0	889	0	0	0	0

TABLE 43. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2010

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
Internal Revenue Service	70,529	0	0	0	0	0	0	70,529	0
Department of Veterans Affairs	303,101	0	241,253	0	0	44,284	0	0	17,564
Other agencies									
Agency for International Development	110,166	2,200	91,702	0	0	0	8,977	7,287	0
Appalachian Regional Commission	623	0	0	0	0	0	255	368	0
Environmental Protection Agency	363,445	149,801	143,581	7,742	8,678	0	2,099	0	51,544
Federal Communications Commission	4,569	0	0	105	780	0	2,425	0	1,259
Federal Trade Commission	1,940	0	0	0	0	0	1,940	0	0
Library of Congress	506	0	0	0	506	0	0	0	0
National Aeronautics and Space Administration	723,926	111,500	54,592	19,875	70,466	4,797	0	4,593	458,103
National Archives and Records Administration	4,620	50	0	4,500	70	0	0	0	0
National Science Foundation	343,171	7,420	1,740	102,979	4,858	464	20,349	12,581	192,781
Nuclear Regulatory Commission	60,554	0	0	0	0	0	0	60,554	0
Social Security Administration	79,604	0	0	0	0	0	79,604	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.