

TABLE 22. Preliminary federal obligations for research, by agency and field of science and engineering: FY 2011

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies	60,372,365	3,356,820	30,818,335	3,401,256	5,767,136	1,960,967	1,285,581	3,990,840	9,791,430
Departments									
Department of Agriculture	2,387,177	20,669	1,962,692	9,789	138,107	0	192,513	0	63,407
Agricultural Marketing Service	2,642	0	2,642	0	0	0	0	0	0
Agricultural Research Service	1,079,702	4,751	991,922	1,404	71,908	0	0	0	9,717
Economic Research Service	103,582	0	0	0	0	0	103,582	0	0
Foreign Agricultural Service	426	0	426	0	0	0	0	0	0
Forest Service	315,286	8,326	239,787	1,085	15,122	0	34,678	0	16,288
Grain Inspection, Packers, and Stockyards Administration	6,480	0	6,480	0	0	0	0	0	0
National Agricultural Statistics Service	7,300	0	0	7,300	0	0	0	0	0
National Institute of Food and Agriculture	867,559	7,592	718,635	0	51,077	0	52,853	0	37,402
Rural Business-Cooperative Service	4,200	0	2,800	0	0	0	1,400	0	0
Department of Commerce	1,085,207	390,711	104,669	105,543	224,045	562	21,379	9,908	228,390
Economic Development Administration	4,180	0	0	0	0	0	4,180	0	0
National Institute of Standards and Technology	545,006	3,249	23,073	97,636	206,334	0	1,003	3,936	209,775
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	6,363,602	365,535	756,065	877,690	860,573	90,231	50,577	140,683	3,222,248
Defense agencies and activities	2,259,878	30,978	426,130	550,372	342,049	4,866	3,671	48,317	853,494
Chemical and Biological Defense	275,555	724	137,734	1,046	123,676	0	0	4,630	7,744
Defense Advanced Research Projects Agency	1,576,892	27,326	280,165	476,966	92,964	0	0	17,442	682,029
Defense Threat Reduction Agency	260,342	0	0	32,139	117,251	0	0	21,514	89,438
Office of the Secretary of Defense	118,422	2,929	5,841	40,221	8,157	4,866	3,671	4,731	48,006
Special Operations Command	28,668	0	2,390	0	0	0	0	0	26,278
Department of the Air Force	1,562,435	29,171	38,311	81,430	272,933	44,945	14,064	77,845	1,003,735
Department of the Army	1,347,386	43,193	176,954	169,093	158,626	40,420	14,235	14,521	730,345
Department of the Navy	1,193,902	262,192	114,670	76,795	86,965	0	18,606	0	634,674
Department of Education	249,500	0	13,232	0	0	12,218	217,011	0	7,038
Department of Energy	7,478,455	208,444	354,180	1,038,338	2,673,630	0	0	827,302	2,376,560
Bonneville Power Administration	2,894	0	0	0	0	0	0	0	2,894
Electricity Delivery and Energy Reliability	101,396	0	0	0	0	0	0	0	101,396
Energy Efficiency and Renewable Energy	515,367	0	1,230	0	3,999	0	0	0	510,138
Environmental Management	40,000	40,000	0	0	0	0	0	0	0
Fossil Energy	168,500	16,379	0	0	30,701	0	0	0	121,420
National Nuclear Security Administration	2,178,438	14,645	485	628,338	747,064	0	0	160	787,746
Defense Programs	1,991,107	0	0	615,748	672,814	0	0	0	702,545
Nonproliferation and Verification	187,331	14,645	485	12,590	74,250	0	0	160	85,201
Nuclear Energy	495,300	0	0	0	0	0	0	495,300	0
Office of Science	3,976,559	137,420	352,465	410,000	1,891,866	0	0	331,842	852,966

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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	32,558,674	525,368	25,547,366	202,200	268,963	1,730,007	293,900	2,400,774	1,590,094
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	387,372	119,086	182,549	0	0	0	28,444	57,293	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	28,975	0	28,975	0	0	0	0	0	0
National Institutes of Health	31,260,676	401,955	24,763,676	127,799	268,963	1,720,182	175,514	2,213,424	1,589,162
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	367,217	4,726	96,822	52,739	45,164	11,713	19,091	22,451	114,510
Science and Technology Directorate	360,282	3,736	96,822	50,839	45,164	10,937	19,091	22,451	111,241
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	641,548	376,827	241,121	8,585	0	0	6,102	295	8,618
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	598,328	362,861	222,590	8,585	0	0	2,146	0	2,146
Department of Justice	21,884	0	0	0	0	0	19,000	2,884	0
Bureau of Prisons	2,884	0	0	0	0	0	0	2,884	0
Office of Justice Programs	19,000	0	0	0	0	0	19,000	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	74,077	0	0	0	3,477	0	0	70,600	0
Bureau of Engraving and Printing	3,477	0	0	0	3,477	0	0	0	0

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Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
Internal Revenue Service	70,600	0	0	0	0	0	0	70,600	0
Department of Veterans Affairs	554,482	0	467,030	0	0	62,222	0	0	25,230
Other agencies									
Agency for International Development	112,474	2,244	93,536	0	0	0	9,258	7,435	0
Appalachian Regional Commission	730	0	0	0	0	0	400	330	0
Environmental Protection Agency	447,899	163,588	204,298	10,542	12,015	0	2,131	0	55,325
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	1,752,605	402,702	100,455	30,209	473,203	6,643	314	87,387	651,691
National Archives and Records Administration	4,500	0	0	4,500	0	0	0	0	0
National Science Foundation	5,103,500	856,951	768,663	1,030,498	1,006,854	9,135	213,439	315,822	902,138
Nuclear Regulatory Commission	54,541	0	0	0	0	0	0	0	54,541
Smithsonian Institution	178,000	7,456	82,860	0	59,870	0	26,468	1,346	0
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.