

TABLE 52. Federal obligations and outlays for R&D plant, by agency: FY 2009–11

(Dollars in thousands)

Agency	Obligations					Outlays				
	2009		Preliminary		2011	2009		Preliminary		2011
	ARRA	Non-ARRA	ARRA	Non-ARRA		ARRA	Non-ARRA	ARRA	Non-ARRA	
All agencies	1,367,681	2,279,843	1,504,102	2,566,369	2,454,811	579,382	2,178,884	729,530	2,952,327	3,073,155
Departments										
Department of Agriculture	10,935	66,553	168,201	46,323	22,350	3,412	70,909	30,590	36,214	76,941
Agricultural Research Service	7,799	38,161	168,201	38,573	14,600	277	42,516	30,590	28,464	69,191
Forest Service	3,135	28,393	0	7,750	7,750	3,135	28,393	0	7,750	7,750
Department of Commerce	98,713	287,723	252,089	285,195	331,217	6,261	241,820	84,155	246,201	327,593
Economic Development Administration	4,888	20,481	0	29,536	28,365	4,888	20,481	0	29,536	28,365
National Institute of Standards and Technology	13,825	91,477	167,099	97,368	124,800	1,107	45,574	57,423	58,374	121,186
National Oceanic and Atmospheric Administration	80,000	175,765	84,990	158,291	178,052	266	175,765	26,732	158,291	178,042
Department of Defense	0	117,159	0	133,372	122,641	0	195,908	0	310,746	346,020
Defense agencies and activities	0	854	0	250	0	0	8,150	0	4,926	0
Chemical and Biological Defense	0	854	0	250	0	0	854	0	250	0
Office of the Secretary of Defense	0	0	0	0	0	0	7,296	0	4,676	0
Department of the Air Force	0	100,977	0	107,945	101,341	0	111,248	0	235,879	257,186
Department of the Army	0	0	0	0	0	0	76,509	0	69,941	88,835
Department of the Navy	0	15,328	0	25,177	21,300	0	0	0	0	0
Department of Energy	813,130	859,176	85,575	969,548	970,115	519,991	704,531	129,502	949,196	1,002,301
Energy Efficiency and Renewable Energy	131,080	76,000	66,831	36,104	36,104	622	16,607	16,857	36,520	53,377
Fossil Energy	0	19,000	0	19,000	19,000	0	14,800	0	14,800	14,800
National Nuclear Security Administration	0	168,340	0	268,810	249,240	0	172,142	0	252,242	208,752
Defense Programs	0	132,040	0	201,940	158,607	0	132,039	0	201,940	158,607
Naval Reactors	0	36,300	0	66,870	90,633	0	40,103	0	50,302	50,145
Office of Science	682,050	595,836	18,744	645,634	665,771	519,369	500,982	112,645	645,634	725,372
Department of Health and Human Services	49,717	102,224	450,283	233,481	147,968	49,717	101,641	450,283	233,481	147,968
Food and Drug Administration	0	4,841	0	12,644	13,908	0	4,841	0	12,644	13,908
Health Resources and Services Administration	0	648	0	639	639	0	65	0	639	639
National Institutes of Health	49,717	96,735	450,283	220,198	133,421	49,717	96,735	450,283	220,198	133,421
Department of Homeland Security	0	311,083	0	376,842	328,895	0	346,165	0	375,555	496,579
Science and Technology Directorate	0	309,621	0	375,600	327,645	0	344,703	0	374,313	495,329
U.S. Coast Guard	0	1,462	0	1,242	1,250	0	1,462	0	1,242	1,250
Department of the Interior	0	6,425	0	5,625	5,625	0	6,833	0	5,622	5,604
Bureau of Reclamation	0	4,575	0	3,560	3,560	0	4,575	0	3,560	3,560
Minerals Management Service	0	1,850	0	2,065	2,065	0	2,258	0	2,062	2,044
Department of Labor	0	0	0	0	0	0	668	0	1,069	1,130
Occupational Safety and Health Administration	0	0	0	0	0	0	668	0	1,069	1,130
Department of Transportation	0	20,265	0	20,930	24,350	0	18,865	0	19,430	21,850
Federal Aviation Administration	0	18,400	0	18,500	21,500	0	17,000	0	17,000	19,000
Federal Railroad Administration	0	1,865	0	2,430	2,850	0	1,865	0	2,430	2,850

TABLE 52. Federal obligations and outlays for R&D plant, by agency: FY 2009–11

(Dollars in thousands)

Agency	Obligations					Outlays				
	2009		Preliminary 2010		2011	2009		Preliminary 2010		2011
	ARRA	Non-ARRA	ARRA	Non-ARRA		ARRA	Non-ARRA	ARRA	Non-ARRA	
Other agencies										
National Aeronautics and Space Administration	0	144	0	133	141	0	9,544	0	9,814	10,168
National Science Foundation	388,486	441,090	546,955	448,920	443,510	0	433,000	35,000	712,000	580,000
Smithsonian Institution	6,700	68,000	1,000	46,000	58,000	0	49,000	0	53,000	57,000

ARRA = American Recovery and Reinvestment Act of 2009.

NOTES: Only those agencies and subdivisions that had obligations or outlays 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.