

TABLE 12. Preliminary federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2010

(Dollars in thousands)

Agency	Research and development							R&D plant						
	Total	Industry FFRDC		University FFRDC		Nonprofit FFRDC		Total	Industry FFRDC		University FFRDC		Nonprofit FFRDC	
		ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA		ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA
All agencies	10,498,173	113,014	4,112,893	191,557	3,355,698	240,076	2,484,935	1,198,813	60	261,805	163,251	255,491	66,831	451,375
Departments														
Department of Commerce	3,770	0	0	0	2,805	0	965	0	0	0	0	0	0	0
National Institute of Standards and Technology	970	0	0	0	5	0	965	0	0	0	0	0	0	0
National Oceanic and Atmospheric Administration	2,800	0	0	0	2,800	0	0	0	0	0	0	0	0	0
Department of Defense	1,341,671	143	316,677	0	328,303	0	696,547	0	0	0	0	0	0	0
Defense agencies and activities	444,129	143	171,781	0	142,614	0	129,591	0	0	0	0	0	0	0
Chemical and Biological Defense	22,469	0	7,216	0	11,780	0	3,473	0	0	0	0	0	0	0
Defense Advanced Research Projects Agency	103,616	0	31,843	0	47,093	0	24,680	0	0	0	0	0	0	0
Defense Information Systems Agency	6,724	0	0	0	2,146	0	4,578	0	0	0	0	0	0	0
Defense Threat Reduction Agency	59,195	0	49,019	0	3,246	0	6,930	0	0	0	0	0	0	0
Joint Staff	1,477	0	0	0	0	0	1,477	0	0	0	0	0	0	0
Missile Defense Agency	120,264	0	49,986	0	39,943	0	30,335	0	0	0	0	0	0	0
Office of the Secretary of Defense	128,856	143	32,988	0	38,407	0	57,318	0	0	0	0	0	0	0
Special Operations Command	1,529	0	729	0	0	0	800	0	0	0	0	0	0	0
Department of the Air Force	520,821	0	56,794	0	103,628	0	360,399	0	0	0	0	0	0	0
Department of the Army	151,333	0	48,557	0	37,657	0	65,119	0	0	0	0	0	0	0
Department of the Navy	183,020	0	39,545	0	44,404	0	99,071	0	0	0	0	0	0	0
Operational Test and Evaluation, Director	42,367	0	0	0	0	0	42,367	0	0	0	0	0	0	0
Department of Energy	6,729,815	111,670	2,919,130	110,043	1,755,991	234,770	1,598,210	926,713	60	261,465	16,744	171,859	66,831	409,754
Electricity Delivery and Energy Reliability	65,637	0	21,712	0	6,265	0	37,660	0	0	0	0	0	0	0
Energy Efficiency and Renewable Energy	929,556	89,959	82,056	61,922	109,037	213,505	373,076	102,935	0	0	0	0	66,831	36,104
Energy Transformation														
Acceleration Fund	15,983	3,632	0	8,950	0	3,401	0	0	0	0	0	0	0	0
Environmental Management	47,600	0	30,800	0	1,400	0	15,400	0	0	0	0	0	0	0
Fossil Energy	67,484	0	28,743	0	17,732	0	21,009	0	0	0	0	0	0	0
National Nuclear Security Administration	2,411,828	0	2,346,426	0	11,219	0	54,184	179,789	0	179,789	0	0	0	0
Defense Programs	2,082,399	0	2,080,979	0	1,420	0	0	179,789	0	179,789	0	0	0	0
Naval Reactors	64,331	0	63,595	0	646	0	90	0	0	0	0	0	0	0
Nonproliferation and Verification	265,098	0	201,852	0	9,153	0	54,094	0	0	0	0	0	0	0
Nuclear Energy	308,336	0	231,534	0	26,622	0	50,180	0	0	0	0	0	0	0
Office of Science	2,883,392	18,080	177,858	39,171	1,583,717	17,864	1,046,703	643,989	60	81,676	16,744	171,859	0	373,650

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Agency	Research and development							R&D plant						
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	Total	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	Total	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA
Department of Health and Human Services	942,577	1,200	814,826	8,089	57,186	5,305	55,969	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	14,480	0	4,257	0	5,873	0	4,350	0	0	0	0	0	0	0
National Institutes of Health	928,097	1,200	810,570	8,089	51,313	5,305	51,619	0	0	0	0	0	0	0
Department of Homeland Security	199,146	0	32,750	0	86,315	0	80,082	41,960	0	339	0	0	0	41,621
Science and Technology Directorate	199,146	0	32,750	0	86,315	0	80,082	41,960	0	339	0	0	0	41,621
Department of the Interior	3,861	0	0	0	735	0	3,126	0	0	0	0	0	0	0
Bureau of Reclamation	3,861	0	0	0	735	0	3,126	0	0	0	0	0	0	0
Department of Transportation	26,014	0	12,349	0	306	0	13,359	0	0	0	0	0	0	0
Federal Aviation Administration	17,098	0	5,058	0	0	0	12,040	0	0	0	0	0	0	0
Federal Highway Administration	1,625	0	0	0	306	0	1,319	0	0	0	0	0	0	0
Office of the Secretary	7,101	0	7,101	0	0	0	0	0	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	190	0	190	0	0	0	0	0	0	0	0	0	0	0
Other agencies														
National Aeronautics and Space Administration	1,063,939	0	852	73,425	972,078	0	17,584	0	0	0	0	0	0	0
National Science Foundation	149,760	0	0	0	145,534	0	4,227	230,140	0	0	146,507	83,632	0	0
Nuclear Regulatory Commission	37,620	0	16,308	0	6,445	0	14,866	0	0	0	0	0	0	0

ARRA = American Recovery and Reinvestment Act of 2009; FFRDC = federally funded research and development center.

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.