

TABLE 13. Preliminary federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2011

(Dollars in thousands)

Agency	Research and development				R&D plant			
	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC
All agencies	9,998,006	4,060,580	3,455,550	2,481,876	966,732	238,395	275,054	453,283
Departments								
Department of Commerce	5,850	0	3,409	2,441	0	0	0	0
Economic Development Administration	1,470	0	0	1,470	0	0	0	0
National Institute of Standards and Technology	976	0	5	972	0	0	0	0
National Oceanic and Atmospheric Administration	3,404	0	3,404	0	0	0	0	0
Department of Defense	1,227,709	293,236	266,668	667,806	0	0	0	0
Defense agencies and activities	447,834	174,747	150,345	122,742	0	0	0	0
Chemical and Biological Defense	31,016	9,426	15,481	6,109	0	0	0	0
Defense Advanced Research Projects Agency	93,195	28,825	42,690	21,680	0	0	0	0
Defense Information Systems Agency	5,426	0	1,350	4,076	0	0	0	0
Defense Threat Reduction Agency	59,993	49,704	3,368	6,922	0	0	0	0
Joint Staff	1,511	0	0	1,511	0	0	0	0
Missile Defense Agency	105,770	49,887	39,118	16,765	0	0	0	0
Office of the Secretary of Defense	150,172	36,153	48,339	65,679	0	0	0	0
Special Operations Command	751	751	0	0	0	0	0	0
Department of the Air Force	464,000	56,990	70,848	336,161	0	0	0	0
Department of the Army	102,777	24,844	7,398	70,536	0	0	0	0
Department of the Navy	169,888	36,655	38,077	95,156	0	0	0	0
Operational Test and Evaluation, Director	43,210	0	0	43,210	0	0	0	0
Department of Energy	6,487,110	2,994,267	1,855,686	1,637,157	847,505	238,099	192,430	416,976
Electricity Delivery and Energy Reliability	83,968	27,740	8,004	48,223	0	0	0	0
Energy Efficiency and Renewable Energy	512,013	72,201	98,957	340,855	36,104	0	0	36,104
Environmental Management	81,600	52,800	2,400	26,400	0	0	0	0
Fossil Energy	57,040	24,295	14,987	17,757	0	0	0	0
National Nuclear Security Administration	2,434,432	2,390,357	4,792	39,283	157,517	157,517	0	0
Defense Programs	2,163,954	2,163,954	0	0	157,517	157,517	0	0
Naval Reactors	63,884	63,100	692	92	0	0	0	0
Nonproliferation and Verification	206,594	163,303	4,100	39,191	0	0	0	0
Nuclear Energy	328,264	242,793	34,981	50,490	0	0	0	0
Office of Science	2,989,794	184,081	1,691,564	1,114,149	653,884	80,582	192,430	380,872
Department of Health and Human Services	837,722	722,840	60,612	54,269	0	0	0	0
Ctrs. for Disease Control and Prevention	16,214	4,300	8,032	3,882	0	0	0	0
National Institutes of Health	821,508	718,540	52,580	50,387	0	0	0	0
Department of Homeland Security	173,720	28,569	75,294	69,857	36,603	296	0	36,307
Science and Technology Directorate	173,720	28,569	75,294	69,857	36,603	296	0	36,307
Department of the Interior	3,126	0	0	3,126	0	0	0	0
Bureau of Reclamation	3,126	0	0	3,126	0	0	0	0

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	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC
Department of Transportation	15,814	4,265	306	11,243	0	0	0	0
Federal Aviation Administration	14,094	4,170	0	9,924	0	0	0	0
Federal Highway Administration	1,625	0	306	1,319	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	95	95	0	0	0	0	0	0
Other agencies								
National Aeronautics and Space Administration	1,048,262	895	1,029,163	18,205	0	0	0	0
National Science Foundation	162,115	0	156,900	5,215	82,624	0	82,624	0
Nuclear Regulatory Commission	36,578	16,509	7,513	12,556	0	0	0	0

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.