

TABLE 11. Federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency and type of FFRDC: FY 2008
(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	8,191,516	4,119,879	1,988,600	2,083,037	763,832	175,633	334,429	253,770
Departments								
Department of Commerce	2,314	125	1,025	1,164	0	0	0	0
National Institute of Standards and Technology	1,289	125	0	1,164	0	0	0	0
National Oceanic and Atmospheric Administration	1,025	0	1,025	0	0	0	0	0
Department of Defense	1,421,885	346,275	376,088	699,522	2,651	1,700	0	951
Defense agencies and activities	603,308	281,014	162,471	159,823	2,651	1,700	0	951
Chemical and Biological Defense	12,803	6,873	3,863	2,067	0	0	0	0
Defense Advanced Research Projects Agency	89,485	32,207	42,565	14,713	0	0	0	0
Defense Information Systems Agency	11,430	0	0	11,430	0	0	0	0
Defense Threat Reduction Agency	60,542	40,836	1,200	18,506	0	0	0	0
Missile Defense Agency	207,750	114,802	48,671	44,277	0	0	0	0
Office of the Secretary of Defense	218,965	86,221	66,172	66,572	2,651	1,700	0	951
Special Operations Command	2,333	75	0	2,258	0	0	0	0
Department of the Air Force	456,712	11,662	118,091	326,959	0	0	0	0
Department of the Army	120,099	33,487	31,432	55,180	0	0	0	0
Department of the Navy	207,469	20,112	64,094	123,263	0	0	0	0
Operational Test and Evaluation, Director	34,297	0	0	34,297	0	0	0	0
Department of Energy	5,639,758	3,001,168	1,417,555	1,221,035	632,163	173,062	232,374	226,727
Civilian Radioactive Waste Management	1,292	1,292	0	0	0	0	0	0
Electricity Delivery and Energy Reliability	47,056	15,522	3,214	28,320	0	0	0	0
Energy Efficiency and Renewable Energy	348,588	63,304	58,734	226,550	64,918	0	0	64,918
Environmental Management	5,521	3,016	90	2,415	0	0	0	0
Fossil Energy	61,638	29,484	13,036	19,118	0	0	0	0
National Nuclear Security Administration	2,701,445	2,633,076	8,299	60,070	161,244	161,244	0	0
Defense Programs	2,371,794	2,371,594	200	0	161,244	161,244	0	0
Naval Reactors	57,679	57,562	28	89	0	0	0	0
Nonproliferation and Verification	271,972	203,920	8,071	59,981	0	0	0	0
Nuclear Energy	100,862	89,088	5,854	5,920	0	0	0	0
Office of Science	2,373,356	166,386	1,328,328	878,642	406,001	11,818	232,374	161,809
Department of Health and Human Services	693,179	614,372	51,923	26,884	497	0	0	497
Centers for Disease Control and Prevention	1,913	0	1,913	0	0	0	0	0
National Institutes of Health	691,266	614,372	50,010	26,884	497	0	0	497
Department of Homeland Security	236,711	143,978	5,358	87,375	26,466	871	0	25,595
Science and Technology Directorate	236,511	143,778	5,358	87,375	26,466	871	0	25,595
U.S. Coast Guard	200	200	0	0	0	0	0	0
Department of Justice	1,036	351	685	0	0	0	0	0
Office of Justice Programs	1,036	351	685	0	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	27,730	1,525	8,258	17,947	0	0	0	0
Federal Aviation Administration	15,970	1,525	8,258	6,187	0	0	0	0
Federal Highway Administration	11,760	0	0	11,760	0	0	0	0
Department of the Treasury	3,831	0	0	3,831	0	0	0	0
Internal Revenue Service	3,831	0	0	3,831	0	0	0	0
Other agencies								
National Aeronautics and Space Administration	17,019	1,116	3,442	12,461	0	0	0	0
National Science Foundation	119,991	374	118,874	743	102,055	0	102,055	0
Nuclear Regulatory Commission	28,062	10,595	5,392	12,075	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 2008–10.