

TABLE 12. Preliminary 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 2009

(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	8,764,086	2,572,316	3,931,149	2,260,621	1,139,399	52,790	676,626	409,983
Departments								
Department of Commerce	2,114	125	825	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	825	0	825	0	0	0	0	0
Department of Defense	1,749,068	727,496	355,596	665,976	1,500	1,500	0	0
Defense agencies and activities	924,628	591,755	190,142	142,731	1,500	1,500	0	0
Chemical and Biological Defense	7,496	4,592	2,304	600	0	0	0	0
Defense Advanced Research Projects Agency	125,412	35,791	68,922	20,699	0	0	0	0
Defense Information Systems Agency	10,776	0	0	10,776	0	0	0	0
Defense Threat Reduction Agency	58,108	34,210	10,550	13,348	0	0	0	0
Missile Defense Agency	446,890	387,915	33,247	25,728	0	0	0	0
Office of the Secretary of Defense	273,811	127,122	75,119	71,570	1,500	1,500	0	0
Special Operations Command	2,135	2,125	0	10	0	0	0	0
Department of the Air Force	494,522	94,663	75,901	323,958	0	0	0	0
Department of the Army	84,951	15,491	22,117	47,343	0	0	0	0
Department of the Navy	206,138	25,587	67,436	113,115	0	0	0	0
Operational Test and Evaluation, Director	38,829	0	0	38,829	0	0	0	0
Department of Energy	5,712,905	1,096,748	3,242,210	1,373,947	773,491	49,747	318,503	405,241
Civilian Radioactive Waste Management	97	62	35	0	0	0	0	0
Electricity Delivery and Energy Reliability	52,515	15,025	5,204	32,286	0	0	0	0
Energy Efficiency and Renewable Energy	370,043	53,176	71,519	245,348	76,000	0	0	76,000
Environmental Management	8,854	525	1,725	6,604	0	0	0	0
Fossil Energy	67,195	29,691	17,145	20,359	0	0	0	0
National Nuclear Security Administration	2,444,336	789,249	1,589,578	65,509	86,352	40,320	46,032	0
Defense Programs	2,087,067	549,807	1,537,260	0	86,352	40,320	46,032	0
Naval Reactors	63,456	62,577	790	89	0	0	0	0
Nonproliferation and Verification	293,813	176,865	51,528	65,420	0	0	0	0
Nuclear Energy	113,881	84,314	14,231	15,336	0	0	0	0
Office of Science	2,655,984	124,706	1,542,773	988,505	611,139	9,427	272,471	329,241
Department of Health and Human Services	723,083	640,159	54,896	28,028	490	0	0	490
Centers for Disease Control and Prevention	2,399	2,399	0	0	0	0	0	0
National Institutes of Health	720,684	637,760	54,896	28,028	490	0	0	490
Department of Homeland Security	283,513	80,848	58,598	144,067	5,795	1,543	0	4,252
Science and Technology Directorate	283,363	80,698	58,598	144,067	5,795	1,543	0	4,252
U.S. Coast Guard	150	150	0	0	0	0	0	0
Department of Justice	10,203	0	0	10,203	0	0	0	0
Office of Justice Programs	10,203	0	0	10,203	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	27,629	8,130	15,610	3,889	0	0	0	0
Federal Aviation Administration	13,204	1,791	11,413	0	0	0	0	0
Federal Highway Administration	7,586	0	4,197	3,389	0	0	0	0
Federal Railroad Administration	6,339	6,339	0	0	0	0	0	0
Research and Innovative Technology Administration	500	0	0	500	0	0	0	0
Department of the Treasury	200	0	0	200	0	0	0	0
Internal Revenue Service	200	0	0	200	0	0	0	0
Other agencies								
National Aeronautics and Space Administration	17,880	1,217	3,487	13,176	0	0	0	0
National Science Foundation	194,467	81	193,440	946	358,123	0	358,123	0
Nuclear Regulatory Commission	43,024	17,512	6,487	19,025	0	0	0	0

FFRDC = federally funded research and development center.

NOTES: Department of the Air Force did not include Budget Activity 6.7 Operational Systems Development in preliminary FY 2009 data; therefore these data are not comparable to FY 2008 (actual) data. 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.