

TABLE 6. Preliminary federal obligations for research and development, by agency and character of work: FY 2009
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	119,730,575	30,935,436	28,494,454	60,300,685	NA	NA
Departments						
Department of Agriculture	2,456,440	966,464	1,296,810	193,166	NA	NA
Agricultural Marketing Service	4,300	0	2,150	2,150	NA	NA
Agricultural Research Service	1,140,406	558,799	467,566	114,041	NA	NA
Animal and Plant Health Inspection Service	29,504	0	0	29,504	NA	NA
Economic Research Service	81,341	1,761	79,580	0	NA	NA
Foreign Agricultural Service	415	116	299	0	NA	NA
Forest Service	356,000	99,769	208,760	47,471	NA	NA
Grain Inspection, Packers, and Stockyards Administration	6,530	6,530	0	0	NA	NA
National Agricultural Statistics Service	7,188	2,985	4,203	0	NA	NA
National Institute of Food and Agriculture	826,931	296,504	530,427	0	NA	NA
Rural Business-Cooperative Service	3,825	0	3,825	0	NA	NA
Department of Commerce	1,359,579	208,078	1,051,423	100,078	NA	NA
Economic Development Administration	2,944	1,621	1,323	0	NA	NA
National Institute of Standards and Technology	712,771	206,457	468,859	37,455	NA	NA
National Oceanic and Atmospheric Administration	611,317	0	569,048	42,269	NA	NA
National Telecommunications and Information Administration	6,945	0	6,945	0	NA	NA
U.S. Census Bureau	25,602	0	5,248	20,354	NA	NA
Department of Defense	59,440,485	1,765,464	5,445,846	52,229,175	6,714,469	45,514,706
Defense agencies and activities	16,500,838	423,956	2,171,329	13,905,553	3,612,350	10,293,203
Chemical and Biological Defense	770,876	87,876	263,244	419,756	334,748	85,008
Defense Advanced Research Projects Agency	3,554,083	222,225	1,547,305	1,784,553	1,620,960	163,593
Defense Business Transformation Agency	187,953	0	0	187,953	0	187,953
Defense Contract Management Agency	11,971	0	0	11,971	0	11,971
Defense Information Systems Agency	288,748	0	0	288,748	0	288,748
Defense Logistics Agency	133,798	0	0	133,798	119,385	14,413
Defense Technical Information Center	52,113	0	0	52,113	0	52,113
Defense Threat Reduction Agency	476,874	28,234	214,659	233,981	211,582	22,399
Joint Staff	59,323	0	0	59,323	0	59,323
Missile Defense Agency	8,245,884	0	0	8,245,884	117,603	8,128,281
Office of the Secretary of Defense	2,242,970	85,621	121,968	2,035,381	1,129,275	906,106
Special Operations Command	476,245	0	24,153	452,092	78,797	373,295
Department of the Air Force	11,089,083	374,815	1,189,143	9,525,125	1,061,156	8,463,969
Department of the Army	11,202,931	455,510	1,256,283	9,491,138	1,139,404	8,351,734
Department of the Navy	20,461,425	511,183	829,091	19,121,151	901,559	18,219,592
Operational Test and Evaluation, Director	186,208	0	0	186,208	0	186,208
Department of Education	321,277	3,667	198,865	118,745	NA	NA
Department of Energy	8,680,511	3,666,325	2,813,209	2,200,977	NA	NA
Bonneville Power Administration	7,112	0	6,366	746	NA	NA
Civilian Radioactive Waste Management	105	0	105	0	NA	NA
Electricity Delivery and Energy Reliability	142,302	0	50,655	91,647	NA	NA
Energy Efficiency and Renewable Energy	773,983	2,318	388,390	383,275	NA	NA
Environmental Management	30,166	0	10,860	19,306	NA	NA
Fossil Energy	435,952	4,488	201,351	230,113	NA	NA
National Nuclear Security Administration	3,537,340	21,923	2,039,527	1,475,890	NA	NA
Defense Programs	2,476,159	0	1,795,827	680,332	NA	NA
Naval Reactors	746,056	0	0	746,056	NA	NA
Nonproliferation and Verification	315,125	21,923	243,700	49,502	NA	NA
Nuclear Energy	115,955	0	115,955	0	NA	NA
Office of Science	3,637,596	3,637,596	0	0	NA	NA
Department of Health and Human Services	30,734,468	16,626,532	14,045,514	62,422	NA	NA
Administration for Children and Families	19,852	0	19,852	0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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Agency for Healthcare Research and Quality	371,600	0	341,872	29,728	NA	NA
Agency for Toxic Substances and Disease Registry	4,529	0	4,529	0	NA	NA
Centers for Disease Control and Prevention	455,214	93,627	358,344	3,243	NA	NA
Centers for Medicare and Medicaid Services	30,093	0	30,093	0	NA	NA
Food and Drug Administration	166,401	0	166,401	0	NA	NA
Health Resources and Services Administration	52,836	2,396	20,989	29,451	NA	NA
National Institutes of Health	29,613,226	16,530,509	13,082,717	0	NA	NA
Office of the Secretary	20,717	0	20,717	0	NA	NA
Office of the Assistant Secretary, Planning and Evaluation	20,717	0	20,717	0	NA	NA
Department of Homeland Security	1,063,480	299,207	133,569	630,704	NA	NA
Science and Technology Directorate	1,031,018	299,207	122,950	608,861	NA	NA
U.S. Coast Guard	32,162	0	10,349	21,813	NA	NA
U.S. Secret Service	300	0	270	30	NA	NA
Department of Housing and Urban Development	33,175	0	11,651	21,524	NA	NA
Department of the Interior	657,740	47,237	538,506	71,997	NA	NA
Bureau of Reclamation	8,248	0	2,887	5,361	NA	NA
Minerals Management Service	37,921	0	37,921	0	NA	NA
U.S. Geological Survey	611,571	47,237	497,698	66,636	NA	NA
Department of Justice	123,679	0	100,909	22,770	NA	NA
Bureau of Prisons	10,454	0	2,756	7,698	NA	NA
Federal Bureau of Investigation	14,521	0	0	14,521	NA	NA
Office of Justice Programs	98,704	0	98,153	551	NA	NA
Department of Labor	45,527	14,200	28,776	2,551	NA	NA
Bureau of Labor Statistics	25,800	14,200	11,600	0	NA	NA
Employee Benefits Security Administration	2,228	0	2,228	0	NA	NA
Employment and Training Administration	10,326	NA	10,326	NA	NA	NA
Occupational Safety and Health Administration	4,458	0	4,458	0	NA	NA
Pension Benefit Guaranty Corporation	2,715	0	164	2,551	NA	NA
Department of State	3,986	0	3,986	0	NA	NA
Department of Transportation	888,849	0	651,571	237,278	NA	NA
Federal Aviation Administration	330,539	0	171,000	159,539	NA	NA
Federal Highway Administration	370,004	0	340,915	29,089	NA	NA
Federal Motor Carrier Safety Administration	6,850	0	6,850	0	NA	NA
Federal Railroad Administration	46,662	0	46,662	0	NA	NA
Federal Transit Administration	14,616	0	5,465	9,151	NA	NA
National Highway Traffic Safety Administration	63,442	0	63,442	0	NA	NA
Office of the Secretary	30,292	0	0	30,292	NA	NA
Pipeline and Hazardous Materials Safety Administration	15,216	0	6,509	8,707	NA	NA
Research and Innovative Technology Administration	11,228	0	10,728	500	NA	NA
Department of the Treasury	71,427	611	68,532	2,284	NA	NA
Bureau of Engraving and Printing	5,862	611	3,624	1,627	NA	NA
Internal Revenue Service	64,908	0	64,908	0	NA	NA
U.S. Mint	657	0	0	657	NA	NA
Department of Veterans Affairs	509,535	224,169	260,925	24,441	NA	NA
Other agencies						
Agency for International Development	158,225	540	157,685	0	NA	NA
Appalachian Regional Commission	815	0	815	0	NA	NA
Environmental Protection Agency	566,381	83,579	398,187	84,615	NA	NA
Federal Communications Commission	6,966	0	6,879	87	NA	NA
Federal Trade Commission	2,389	0	2,389	0	NA	NA
Library of Congress	893	0	450	443	NA	NA
National Aeronautics and Space Administration	5,853,525	849,633	706,464	4,297,428	NA	NA
National Archives and Records Administration	4,620	0	4,620	0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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National Science Foundation	6,430,200	6,029,730	400,470	0	NA	NA
Nuclear Regulatory Commission	81,608	0	81,608	0	NA	NA
Smithsonian Institution	150,000	150,000	0	0	NA	NA
Social Security Administration	84,795	0	84,795	0	NA	NA

NA = not available; data are not collected in this category for this agency.

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.