

TABLE 7. Preliminary federal obligations for research and development, by agency and character of work: FY 2010
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	116,274,463	29,847,552	28,507,238	57,919,673	NA	NA
Departments						
Department of Agriculture	2,485,941	978,849	1,312,829	194,263	NA	NA
Agricultural Marketing Service	4,400	0	2,200	2,200	NA	NA
Agricultural Research Service	1,153,368	565,150	472,881	115,337	NA	NA
Animal and Plant Health Inspection Service	30,054	0	0	30,054	NA	NA
Economic Research Service	86,319	1,800	84,519	0	NA	NA
Foreign Agricultural Service	415	116	299	0	NA	NA
Forest Service	350,000	98,088	205,240	46,672	NA	NA
Grain Inspection, Packers, and Stockyards Administration	6,364	6,364	0	0	NA	NA
National Agricultural Statistics Service	7,100	3,100	4,000	0	NA	NA
National Institute of Food and Agriculture	843,543	304,231	539,312	0	NA	NA
Rural Business-Cooperative Service	4,378	0	4,378	0	NA	NA
Department of Commerce	1,133,042	135,658	901,018	96,366	NA	NA
National Institute of Standards and Technology	525,079	135,658	354,565	34,856	NA	NA
National Oceanic and Atmospheric Administration	567,537	0	532,061	35,476	NA	NA
National Telecommunications and Information Administration	7,964	0	7,964	0	NA	NA
U.S. Census Bureau	32,462	0	6,428	26,034	NA	NA
Department of Defense	56,023,060	1,686,310	4,721,362	49,615,388	6,386,747	43,228,641
Defense agencies and activities	15,251,649	425,239	1,983,517	12,842,893	3,715,696	9,127,197
Chemical and Biological Defense	675,867	47,782	220,611	407,474	298,576	108,898
Defense Advanced Research Projects Agency	3,559,878	246,138	1,364,155	1,949,585	1,791,090	158,495
Defense Business Transformation Agency	222,155	0	0	222,155	0	222,155
Defense Contract Management Agency	11,009	0	0	11,009	0	11,009
Defense Information Systems Agency	301,956	0	0	301,956	0	301,956
Defense Logistics Agency	62,489	0	0	62,489	59,839	2,650
Defense Technical Information Center	53,810	0	0	53,810	0	53,810
Defense Threat Reduction Agency	519,682	47,225	228,277	244,180	233,866	10,314
Joint Staff	111,945	0	0	111,945	0	111,945
Missile Defense Agency	7,039,704	0	0	7,039,704	187,180	6,852,524
Office of the Secretary of Defense	2,216,923	84,094	137,325	1,995,504	1,077,720	917,784
Special Operations Command	476,231	0	33,149	443,082	67,425	375,657
Department of the Air Force	10,680,036	340,095	1,172,686	9,167,255	1,010,912	8,156,343
Department of the Army	10,440,793	387,120	953,171	9,100,502	897,546	8,202,956
Department of the Navy	19,453,619	533,856	611,988	18,307,775	762,593	17,545,182
Operational Test and Evaluation, Director	196,963	0	0	196,963	0	196,963
Department of Education	352,415	6,238	211,959	134,218	NA	NA
Department of Energy	9,461,985	3,905,886	3,106,003	2,450,096	NA	NA
Bonneville Power Administration	5,849	0	5,101	748	NA	NA
Electricity Delivery and Energy Reliability	131,250	5,250	80,062	45,938	NA	NA
Energy Efficiency and Renewable Energy	944,281	22,271	423,132	498,878	NA	NA
Environmental Management	70,000	0	24,000	46,000	NA	NA
Fossil Energy	391,746	4,033	180,934	206,779	NA	NA
National Nuclear Security Administration	3,678,941	32,416	2,029,373	1,617,152	NA	NA
Defense Programs	2,575,101	0	1,838,637	736,464	NA	NA
Naval Reactors	841,166	0	0	841,166	NA	NA
Nonproliferation and Verification	262,674	32,416	190,736	39,522	NA	NA
Nuclear Energy	398,002	0	363,401	34,601	NA	NA
Office of Science	3,841,916	3,841,916	0	0	NA	NA
Department of Health and Human Services	31,230,383	16,819,611	14,344,655	66,117	NA	NA
Administration for Children and Families	20,268	0	20,268	0	NA	NA
Agency for Healthcare Research and Quality	397,053	0	365,289	31,764	NA	NA
Agency for Toxic Substances and Disease Registry	3,904	0	3,904	0	NA	NA
Centers for Disease Control and Prevention	434,470	82,538	348,575	3,357	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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Centers for Medicare and Medicaid Services	35,600	0	35,600	0	NA	NA
Food and Drug Administration	211,762	0	211,762	0	NA	NA
Health Resources and Services Administration	56,581	2,421	23,164	30,996	NA	NA
National Institutes of Health	30,050,028	16,734,652	13,315,376	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	955,765	271,627	118,418	565,720	NA	NA
Science and Technology Directorate	935,982	271,627	111,617	552,738	NA	NA
U.S. Coast Guard	19,503	0	6,551	12,952	NA	NA
U.S. Secret Service	280	0	250	30	NA	NA
Department of Housing and Urban Development	84,998	0	61,782	23,216	NA	NA
Department of the Interior	701,021	50,811	573,988	76,222	NA	NA
Bureau of Reclamation	9,195	0	3,218	5,977	NA	NA
Minerals Management Service	42,509	0	42,509	0	NA	NA
U.S. Geological Survey	649,317	50,811	528,261	70,245	NA	NA
Department of Justice	122,268	0	82,839	39,429	NA	NA
Bureau of Prisons	10,768	0	2,839	7,929	NA	NA
Federal Bureau of Investigation	30,000	0	0	30,000	NA	NA
Office of Justice Programs	81,500	0	80,000	1,500	NA	NA
Department of Labor	57,390	14,400	41,429	1,561	NA	NA
Bureau of Labor Statistics	29,000	14,400	14,600	0	NA	NA
Employee Benefits Security Administration	2,300	0	2,300	0	NA	NA
Employment and Training Administration	19,280	NA	19,280	NA	NA	NA
Occupational Safety and Health Administration	5,081	0	5,081	0	NA	NA
Pension Benefit Guaranty Corporation	1,729	0	168	1,561	NA	NA
Department of State	2,102	0	2,102	0	NA	NA
Department of Transportation	894,151	0	671,473	222,678	NA	NA
Federal Aviation Administration	344,126	0	180,000	164,126	NA	NA
Federal Highway Administration	400,072	0	368,162	31,910	NA	NA
Federal Motor Carrier Safety Administration	6,117	0	6,117	0	NA	NA
Federal Railroad Administration	37,361	0	37,361	0	NA	NA
Federal Transit Administration	14,650	0	5,780	8,870	NA	NA
National Highway Traffic Safety Administration	61,221	0	61,221	0	NA	NA
Office of the Secretary	10,233	0	0	10,233	NA	NA
Pipeline and Hazardous Materials Safety Administration	9,634	0	2,195	7,439	NA	NA
Research and Innovative Technology Administration	10,737	0	10,637	100	NA	NA
Department of the Treasury	75,197	544	73,094	1,559	NA	NA
Bureau of Engraving and Printing	4,390	544	2,486	1,360	NA	NA
Internal Revenue Service	70,608	0	70,608	0	NA	NA
U.S. Mint	199	0	0	199	NA	NA
Department of Veterans Affairs	580,471	255,377	297,251	27,843	NA	NA
Other agencies						
Agency for International Development	161,390	551	160,839	0	NA	NA
Appalachian Regional Commission	795	0	795	0	NA	NA
Environmental Protection Agency	605,701	90,889	415,669	99,143	NA	NA
Federal Communications Commission	4,718	0	4,147	571	NA	NA
Federal Trade Commission	1,940	0	1,940	0	NA	NA
Library of Congress	1,102	0	457	645	NA	NA
National Aeronautics and Space Administration	6,164,338	1,003,932	855,768	4,304,638	NA	NA
National Archives and Records Administration	4,620	0	4,620	0	NA	NA
National Science Foundation	4,827,479	4,452,869	374,610	0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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Nuclear Regulatory Commission	84,820	0	84,820	0	NA	NA
Smithsonian Institution	174,000	174,000	0	0	NA	NA
Social Security Administration	83,371	0	83,371	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 2010 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.