

TABLE 7. Preliminary federal obligations for research and development, by agency and character of work: FY 2005  
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	106,486,708	26,860,314	27,837,656	51,788,738	NA	NA
Departments						
Department of Agriculture	1,969,258	917,937	882,259	169,062	NA	NA
Agricultural Marketing Service	6,693	0	5,624	1,069	NA	NA
Agricultural Research Service	987,597	543,178	355,535	88,884	NA	NA
Animal and Plant Health Inspection Service	29,695	0	0	29,695	NA	NA
Cooperative State Research, Education, and Extension Service	548,651	240,911	307,740	0	NA	NA
Economic Research Service	80,032	8,003	72,029	0	NA	NA
Foreign Agricultural Service	1,600	912	688	0	NA	NA
Forest Service	300,000	123,000	135,000	42,000	NA	NA
Grain Inspection, Packers, and Stockyards Administration	7,414	0	0	7,414	NA	NA
National Agricultural Statistics Service	5,876	1,933	3,943	0	NA	NA
Rural Business-Cooperative Service	1,700	0	1,700	0	NA	NA
Department of Commerce	979,334	109,702	808,134	61,498	NA	NA
Economic Development Administration	550	275	275	0	NA	NA
National Institute of Standards and Technology	367,100	108,920	246,501	11,679	NA	NA
National Oceanic and Atmospheric Administration	574,295	0	550,482	23,813	NA	NA
National Telecommunications and Information Administration	10,369	0	10,369	0	NA	NA
U.S. Census Bureau	27,020	507	507	26,006	NA	NA
Department of Defense	51,402,077	1,580,109	4,144,271	45,677,697	6,071,094	39,606,603
Defense agencies	14,798,860	193,532	1,871,189	12,734,139	2,692,387	10,041,752
Chemical and Biological Defense	445,000	37,045	179,182	228,773	121,072	107,701
Defense Advanced Research Projects Agency	2,994,204	156,487	1,256,874	1,580,843	1,457,026	123,817
Defense Information Systems Agency	317,821	0	0	317,821	0	317,821
Defense Logistics Agency	70,802	0	22,631	48,171	29,887	18,284
Defense Threat Reduction Agency	435,738	0	358,938	76,800	76,800	0
Joint Staff	120,247	0	0	120,247	0	120,247
Missile Defense Agency	8,970,367	0	0	8,970,367	175,676	8,794,691
Special Operations Command	491,549	0	16,235	475,314	54,737	420,577
Washington Headquarters Services	953,132	0	37,329	915,803	777,189	138,614
Department of the Air Force	9,454,547	581,489	977,672	7,895,386	1,784,419	6,110,967
Materiel Command	6,141,061	196,785	977,672	4,966,604	484,779	4,481,825
Space Command	3,313,486	384,704	0	2,928,782	1,299,640	1,629,142
Department of the Army	10,448,697	327,610	720,169	9,400,918	NA	NA
Civil Functions	40,225	2,414	21,319	16,492	NA	NA
Military Functions	10,408,472	325,196	698,850	9,384,426	861,488	8,522,938
Department of the Navy	16,395,218	477,478	575,241	15,342,499	700,425	14,642,074
Operational Test and Evaluation, Director	304,755	0	0	304,755	15,883	288,872
Department of Education	288,095	10,152	192,222	85,721	NA	NA
Department of Energy	7,957,769	2,678,052	3,115,636	2,164,081	NA	NA
Bonneville Power Administration	24,916	3,512	12,221	9,183	NA	NA
Civilian Radioactive Waste Management	81,681	0	81,681	0	NA	NA
Energy Efficiency and Renewable Energy	614,928	30,092	269,228	315,608	NA	NA
Environmental Management	55,331	0	16,599	38,732	NA	NA
Fossil Energy	659,388	9,189	212,548	437,651	NA	NA

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National Nuclear Security Administration	3,799,607	11,164	2,441,813	1,346,630	NA	NA
Defense Programs	2,924,329	0	2,381,417	542,912	NA	NA
Naval Reactors	740,101	0	0	740,101	NA	NA
Nonproliferation and Verification	135,177	11,164	60,396	63,617	NA	NA
Nuclear Energy	93,792	0	81,546	12,246	NA	NA
Office of Intelligence	4,031	0	0	4,031	NA	NA
Office of Science	2,624,095	2,624,095	0	0	NA	NA
Department of Health and Human Services	28,865,575	15,194,817	13,574,794	95,964	NA	NA
Administration for Children and Families	21,779	0	21,779	0	NA	NA
Agency for Healthcare Research and Quality	303,695	0	279,399	24,296	NA	NA
Agency for Toxic Substances and Disease Registry	15,638	0	15,638	0	NA	NA
Centers for Disease Control and Prevention	530,000	0	530,000	0	NA	NA
Centers for Medicare and Medicaid Services	68,274	0	68,274	0	NA	NA
Food and Drug Administration	155,201	0	155,201	0	NA	NA
Health Resources and Services Administration	21,171	2,414	15,006	3,751	NA	NA
National Institutes of Health	27,665,308	15,192,403	12,472,905	0	NA	NA
Office of the Secretary	22,008	0	16,592	5,416	NA	NA
Office of the Assistant Secretary, Planning and Evaluation	16,592	0	16,592	0	NA	NA
Office of Public Health and Science	5,416	0	0	5,416	NA	NA
Substance Abuse and Mental Health Services <sup>a</sup> Administration	62,501	0	0	62,501	NA	NA
Department of Housing and Urban Development	42,572	0	15,905	26,667	NA	NA
Department of the Interior	548,668	37,154	458,309	53,205	NA	NA
Bureau of Reclamation	9,534	0	3,337	6,197	NA	NA
Geological Survey	514,530	37,154	430,368	47,008	NA	NA
Minerals Management Service	24,604	0	24,604	0	NA	NA
Department of Justice	94,497	16,500	18,300	59,697	NA	NA
Bureau of Prisons	9,600	0	4,300	5,300	NA	NA
Federal Bureau of Investigation	32,397	0	0	32,397	NA	NA
Office of Justice Programs	52,500	16,500	14,000	22,000	NA	NA
Department of Labor	107,611	13,900	20,127	73,584	NA	NA
Bureau of Labor Statistics	22,100	13,900	8,200	0	NA	NA
Employee Benefits Security Administration	2,789	0	2,789	0	NA	NA
Employment and Training Administration	77,000	0	5,000	72,000	NA	NA
Occupational Safety and Health Administration	3,266	0	3,266	0	NA	NA
Office of the Secretary	1,500	0	800	700	NA	NA
Pension Benefit Guaranty Corporation	956	0	72	884	NA	NA
Department of State	2,205	0	2,205	0	NA	NA
Department of Transportation	736,776	39,830	454,708	242,238	NA	NA
Federal Aviation Administration	204,499	0	117,000	87,499	NA	NA
Federal Highway Administration	393,925	39,830	228,392	125,703	NA	NA
Federal Motor Carrier Safety Administration	9,375	0	9,375	0	NA	NA
Federal Railroad Administration	31,366	0	27,602	3,764	NA	NA
Federal Transit Administration	2,587	0	200	2,387	NA	NA
National Highway Traffic Safety Administration	67,759	0	67,759	0	NA	NA
Office of the Secretary	12,300	0	0	12,300	NA	NA
Research and Special Programs Administration	14,965	0	4,380	10,585	NA	NA

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Department of the Treasury	67,572	220	66,282	1,070	NA	NA
Bureau of Engraving and Printing	6,000	220	5,230	550	NA	NA
Internal Revenue Service	61,052	0	61,052	0	NA	NA
U.S. Mint	520	0	0	520	NA	NA
Department of Veterans Affairs	359,280	161,281	182,442	15,557	NA	NA
Other agencies						
Agency for International Development	267,076	100	244,976	22,000	NA	NA
Appalachian Regional Commission	703	0	703	0	NA	NA
Environmental Protection Agency	572,200	66,200	365,100	140,900	NA	NA
Federal Communications Commission	3,568	0	3,360	208	NA	NA
Federal Trade Commission	1,603	0	1,603	0	NA	NA
Library of Congress	2,616	0	230	2,386	NA	NA
National Aeronautics and Space Administration	8,114,000	2,296,950	2,919,847	2,897,203	NA	NA
National Archives and Records Administration	120	0	120	0	NA	NA
National Science Foundation	3,844,158	3,623,410	220,748	0	NA	NA
Nuclear Regulatory Commission	75,375	0	75,375	0	NA	NA
Smithsonian Institution	114,000	114,000	0	0	NA	NA
Social Security Administration	70,000	0	70,000	0	NA	NA

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

<sup>a</sup> Beginning in FY 2003 Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years.

NOTES: Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Beginning with volume 44 (FY 1994–96), Department of Defense development obligations are reported in two categories: advanced technology and major systems. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.