

TABLE 7. Preliminary federal obligations for research and development, by agency and character of work: FY 2014
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	130,846,504.4	32,541,191.4	31,658,202.7	66,647,110.4	NA	NA
Departments						
Department of Agriculture	2,372,252.3	929,585.1	1,232,313.4	210,353.7	NA	NA
Agricultural Marketing Service	8,616.0	0.0	4,308.0	4,308.0	NA	NA
Agricultural Research Service	1,124,003.0	562,001.5	449,601.2	112,400.3	NA	NA
Animal and Plant Health Inspection Service	39,173.7	0.0	0.0	39,173.7	NA	NA
Economic Research Service	78,506.0	7,000.0	71,506.0	0.0	NA	NA
Foreign Agricultural Service	681.5	190.8	490.7	0.0	NA	NA
Forest Service	320,000.0	84,881.0	180,647.3	54,471.8	NA	NA
Grain Inspection, Packers, and Stockyards Administration	5,763.9	0.0	5,763.9	0.0	NA	NA
National Agricultural Statistics Service	7,430.0	3,480.0	3,950.0	0.0	NA	NA
National Institute of Food and Agriculture	784,478.1	272,031.8	512,446.3	0.0	NA	NA
Rural Business-Cooperative Service	3,600.0	0.0	3,600.0	0.0	NA	NA
Department of Commerce	1,613,057.1	228,974.3	1,271,258.4	112,824.3	NA	NA
National Institute of Standards and Technology	774,572.4	228,974.3	530,523.6	15,074.4	NA	NA
National Oceanic and Atmospheric Administration	569,614.0	0.0	503,922.0	65,692.0	NA	NA
National Telecommunications and Information Administration	5,432.0	0.0	5,432.0	0.0	NA	NA
U.S. Census Bureau	263,438.7	0.0	231,380.8	32,057.9	NA	NA
Department of Defense	65,841,215.4	2,117,244.7	4,551,440.0	59,172,530.7	5,105,509.9	54,067,020.8
Defense Advanced Research Projects Agency	2,860,500.0	362,953.0	1,201,982.0	1,295,565.0	1,223,711.0	71,854.0
Department of the Air Force	25,153,685.8	516,439.8	1,118,788.4	23,518,457.7	619,594.0	22,898,863.7
Department of the Army	8,156,786.5	447,998.0	898,799.0	6,809,989.5	911,935.7	5,898,053.7
Department of the Navy	15,879,128.7	614,315.0	831,441.0	14,433,372.7	583,206.0	13,850,166.7
Other defense agencies	13,791,114.5	175,539.0	500,429.6	13,115,145.9	1,767,063.2	11,348,082.7
Department of Education	290,494.9	4,655.2	170,231.7	115,607.9	NA	NA
Department of Energy	9,604,097.2	4,117,765.5	3,588,248.8	1,898,082.9	NA	NA
Advanced Research Projects Agency—Energy	150,000.0	0.0	75,000.0	75,000.0	NA	NA
Bonneville Power Administration	15,906.8	4,773.0	2,472.5	8,661.2	NA	NA
Electricity Delivery and Energy Reliability	103,400.0	3,960.0	59,550.0	39,890.0	NA	NA
Energy Efficiency and Renewable Energy	838,116.0	0.0	467,446.5	370,669.5	NA	NA
Environmental Management	24,091.0	0.0	7,950.0	16,141.0	NA	NA
Fossil Energy	276,765.0	2,768.0	102,403.0	171,594.0	NA	NA
National Nuclear Security Administration	3,865,312.4	45,658.5	2,610,980.8	1,208,673.1	NA	NA
Defense Programs	2,390,071.6	0.0	2,390,071.6	0.0	NA	NA
Naval Reactors	1,176,361.0	0.0	0.0	1,176,361.0	NA	NA
Nonproliferation and Verification	298,879.8	45,658.5	220,909.2	32,312.1	NA	NA
Nuclear Energy	269,900.0	0.0	262,446.0	7,454.0	NA	NA
Office of Science	4,060,606.0	4,060,606.0	0.0	0.0	NA	NA
Department of Health and Human Services	31,489,854.0	16,153,139.2	15,274,598.7	62,116.1	NA	NA
Administration for Children and Families	8,773.9	0.0	8,773.9	0.0	NA	NA
Agency for Healthcare Research and Quality	317,482.0	0.0	292,083.4	25,398.6	NA	NA
Agency for Toxic Substances and Disease Registry	1,770.0	0.0	1,770.0	0.0	NA	NA
Ctrs. for Disease Control and Prevention	352,089.4	58,001.2	267,800.1	26,288.1	NA	NA
Ctrs. for Medicare and Medicaid Services	23,156.0	0.0	23,156.0	0.0	NA	NA
Food and Drug Administration	374,742.7	0.0	374,742.7	0.0	NA	NA
Health Resources and Services Administration	36,891.0	2,565.0	23,896.6	10,429.4	NA	NA
National Institutes of Health	30,356,349.0	16,092,573.0	14,263,776.0	0.0	NA	NA
Office of the Secretary	18,600.0	0.0	18,600.0	0.0	NA	NA
Office of the Assistant Secretary, Planning and Evaluation	18,600.0	0.0	18,600.0	0.0	NA	NA
Department of Homeland Security	614,789.6	89,203.8	228,537.2	297,048.6	NA	NA
Science and Technology Directorate	595,412.6	89,203.8	222,335.2	283,873.6	NA	NA

TABLE 7. Preliminary federal obligations for research and development, by agency and character of work: FY 2014
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Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
U.S. Coast Guard	19,377.0	0.0	6,202.0	13,175.0	NA	NA
Department of Housing and Urban Development	79,259.0	0.0	55,306.4	23,952.6	NA	NA
Department of the Interior	835,689.3	63,683.0	646,008.3	125,998.0	NA	NA
Bureau of Ocean Energy Management	39,703.0	0.0	39,703.0	0.0	NA	NA
Bureau of Reclamation	10,050.0	0.0	7,538.0	2,512.0	NA	NA
Bureau of Safety and Environmental Enforcement	25,400.3	0.0	23,040.3	2,360.0	NA	NA
U.S. Geological Survey	760,536.0	63,683.0	575,727.0	121,126.0	NA	NA
Department of Justice	83,808.4	18,785.9	53,773.5	11,249.0	NA	NA
Bureau of Prisons	9,155.0	0.0	1,476.0	7,679.0	NA	NA
Federal Bureau of Investigation	13,448.5	3,785.9	6,092.6	3,570.0	NA	NA
Office of Justice Programs	61,204.9	15,000.0	46,204.9	0.0	NA	NA
Department of Labor	14,179.1	0.0	11,470.1	2,709.0	NA	NA
Employee Benefits Security Administration	6,138.1	0.0	6,138.1	0.0	NA	NA
Occupational Safety and Health Administration	5,167.0	0.0	5,167.0	0.0	NA	NA
Pension Benefit Guaranty Corp.	2,874.0	0.0	165.0	2,709.0	NA	NA
Department of State	1,484.2	0.0	1,484.2	0.0	NA	NA
Department of Transportation	972,639.4	7,233.3	749,407.2	215,998.8	NA	NA
Federal Aviation Administration	326,105.0	0.0	211,453.0	114,652.0	NA	NA
Federal Highway Administration	451,165.6	7,233.3	385,520.7	58,411.5	NA	NA
Federal Motor Carrier Safety Administration	7,932.0	0.0	7,932.0	0.0	NA	NA
Federal Railroad Administration	60,658.8	0.0	44,301.4	16,357.4	NA	NA
Federal Transit Administration	20,197.0	0.0	19,591.1	605.9	NA	NA
National Highway Traffic Safety Administration	73,437.0	0.0	73,437.0	0.0	NA	NA
Office of the Secretary	9,750.0	0.0	0.0	9,750.0	NA	NA
Pipeline and Hazardous Materials Safety Administration	16,351.0	0.0	2,758.0	13,593.0	NA	NA
Research and Innovative Technology Administration	7,043.0	0.0	4,414.0	2,629.0	NA	NA
Department of the Treasury	78,051.2	228.1	77,252.9	570.2	NA	NA
Bureau of Engraving and Printing	9,372.5	228.1	8,574.1	570.2	NA	NA
Internal Revenue Service	64,844.9	0.0	64,844.9	0.0	NA	NA
U.S. Mint	3,833.8	0.0	3,833.8	0.0	NA	NA
Department of Veterans Affairs	600,246.5	245,384.6	318,154.9	36,707.0	NA	NA
Other agencies						
Agency for International Development	80,569.0	0.0	80,569.0	0.0	NA	NA
Appalachian Regional Commission	760.0	0.0	760.0	0.0	NA	NA
Consumer Product Safety Commission	2,000.0	0.0	2,000.0	0.0	NA	NA
Environmental Protection Agency	549,485.2	0.0	469,412.2	80,072.9	NA	NA
Federal Communications Commission	5,913.0	0.0	5,913.0	0.0	NA	NA
Federal Trade Commission	2,079.0	0.0	2,079.0	0.0	NA	NA
Library of Congress	1,317.3	0.0	674.8	642.5	NA	NA
National Aeronautics and Space Administration	9,634,676.8	3,245,688.4	2,108,342.2	4,280,646.1	NA	NA
National Archives and Records Administration	1,066.5	0.0	1,066.5	0.0	NA	NA
National Science Foundation	5,717,530.0	5,109,130.0	608,400.0	0.0	NA	NA
Nuclear Regulatory Commission	79,445.1	0.0	79,445.1	0.0	NA	NA
Smithsonian Institution	210,490.0	210,490.0	0.0	0.0	NA	NA
Social Security Administration	70,055.0	0.0	70,055.0	0.0	NA	NA

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

NOTES: Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. See appendix C for additional notes associated with the agencies listed in this table.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2012–14.