

TABLE 6. Preliminary federal obligations for research and development, by agency and character of work: FY 2012
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	134,785,706.9	29,426,161.6	28,623,598.1	76,735,947.2	NA	NA
Departments						
Department of Agriculture	2,460,088.6	1,006,720.1	1,239,758.3	213,610.2	NA	NA
Agricultural Marketing Service	4,286.5	0.0	2,143.3	2,143.3	NA	NA
Agricultural Research Service	1,101,492.0	550,746.0	440,596.8	110,149.2	NA	NA
Animal and Plant Health Inspection Service	39,015.7	0.0	0.0	39,015.7	NA	NA
Economic Research Service	77,723.0	7,000.0	70,723.0	0.0	NA	NA
Foreign Agricultural Service	613.8	171.9	441.9	0.0	NA	NA
Forest Service	366,000.0	97,082.6	206,615.3	62,302.1	NA	NA
Grain Inspection, Packers, and Stockyards Administration	6,290.6	6,290.6	0.0	0.0	NA	NA
National Agricultural Statistics Service	7,400.0	3,300.0	4,100.0	0.0	NA	NA
National Institute of Food and Agriculture	854,017.0	342,129.0	511,888.0	0.0	NA	NA
Rural Business-Cooperative Service	3,250.0	0.0	3,250.0	0.0	NA	NA
Department of Commerce	1,069,831.0	176,664.8	804,858.8	88,307.4	NA	NA
Economic Development Administration	5,180.0	1,500.0	3,680.0	0.0	NA	NA
National Institute of Standards and Technology	512,126.3	175,164.8	321,076.9	15,884.6	NA	NA
National Oceanic and Atmospheric Administration	443,499.0	0.0	406,325.0	37,174.0	NA	NA
National Telecommunications and Information Administration	7,494.7	0.0	7,494.7	0.0	NA	NA
U.S. Census Bureau	101,531.0	0.0	66,282.2	35,248.8	NA	NA
Department of Defense	74,504,258.6	1,971,268.1	4,648,134.3	67,884,856.2	5,265,545.1	62,619,311.2
Defense Advanced Research Projects Agency	2,884,343.0	347,086.0	1,239,118.0	1,298,139.0	1,208,935.0	89,204.0
Department of the Air Force	28,507,705.3	506,394.7	1,294,353.4	26,706,957.3	630,367.4	26,076,589.9
Department of the Army	9,049,342.1	414,788.1	917,300.4	7,717,253.6	1,066,567.4	6,650,686.2
Department of the Navy	18,365,389.6	557,610.0	806,525.1	17,001,254.5	720,704.8	16,280,549.6
Other defense agencies ^a	15,697,478.7	145,389.4	390,837.5	15,161,251.9	1,638,970.4	13,522,281.4
Department of Education	344,505.0	6,762.4	203,628.6	134,114.0	NA	NA
Department of Energy	9,591,573.6	3,810,297.8	3,275,595.7	2,505,680.1	NA	NA
Advanced Research Projects Agency—Energy	110,934.4	0.0	60,978.0	49,956.4	NA	NA
Bonneville Power Administration	15,336.3	4,600.9	1,533.6	9,201.8	NA	NA
Electricity Delivery and Energy Reliability	53,540.9	10,084.5	27,558.9	15,897.4	NA	NA
Energy Efficiency and Renewable Energy	986,125.0	6,758.0	434,453.0	544,914.0	NA	NA
Environmental Management	20,470.0	0.0	6,755.0	13,715.0	NA	NA
Fossil Energy	296,485.0	2,965.0	130,453.0	163,067.0	NA	NA
National Nuclear Security Administration	4,109,681.6	50,461.4	2,371,562.0	1,687,658.2	NA	NA
Defense Programs	2,762,346.8	0.0	2,143,383.7	618,963.2	NA	NA
Naval Reactors	1,031,100.0	0.0	0.0	1,031,100.0	NA	NA
Nonproliferation and Verification	316,234.8	50,461.4	228,178.4	37,595.0	NA	NA
Nuclear Energy	263,572.4	0.0	242,302.1	21,270.3	NA	NA
Office of Science	3,735,427.9	3,735,427.9	0.0	0.0	NA	NA
Department of Health and Human Services	30,915,925.1	16,095,213.2	14,749,306.9	71,405.0	NA	NA
Administration for Children and Families	9,804.6	0.0	9,804.6	0.0	NA	NA
Agency for Healthcare Research and Quality	369,053.0	0.0	339,528.8	29,524.2	NA	NA
Agency for Toxic Substances and Disease Registry	4,831.4	0.0	4,831.4	0.0	NA	NA
Ctrs. for Disease Control and Prevention	341,094.4	58,410.2	251,339.2	31,345.0	NA	NA
Ctrs. for Medicare and Medicaid Services	21,160.0	0.0	21,160.0	0.0	NA	NA
Food and Drug Administration	217,703.5	0.0	217,703.5	0.0	NA	NA
Health Resources and Services Administration	37,246.2	2,565.0	24,145.4	10,535.8	NA	NA
National Institutes of Health	29,895,432.0	16,034,238.0	13,861,194.0	0.0	NA	NA
Office of the Secretary	19,600.0	0.0	19,600.0	0.0	NA	NA
Office of the Assistant Secretary, Planning and Evaluation	19,600.0	0.0	19,600.0	0.0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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Department of Homeland Security	510,680.2	99,144.2	124,199.3	287,336.6	NA	NA
Science and Technology Directorate	468,681.2	99,144.2	110,899.3	258,637.6	NA	NA
U.S. Coast Guard	41,999.0	0.0	13,300.0	28,699.0	NA	NA
Department of Housing and Urban Development	93,750.8	0.0	64,611.4	29,139.4	NA	NA
Department of the Interior	732,913.7	55,504.0	562,239.7	115,170.0	NA	NA
Bureau of Ocean Energy Management ^b	37,729.3	0.0	37,729.3	0.0	NA	NA
Bureau of Reclamation	9,987.0	0.0	7,490.0	2,497.0	NA	NA
Bureau of Safety and Environmental Enforcement ^b	9,726.4	0.0	7,347.4	2,379.0	NA	NA
U.S. Geological Survey	675,471.0	55,504.0	509,673.0	110,294.0	NA	NA
Department of Justice	66,407.6	5,812.7	50,983.5	9,611.4	NA	NA
Bureau of Prisons	11,205.0	0.0	3,288.0	7,917.0	NA	NA
Federal Bureau of Investigation	8,975.9	812.7	6,468.8	1,694.4	NA	NA
Office of Justice Programs	46,226.7	5,000.0	41,226.7	0.0	NA	NA
Department of Labor	15,560.7	0.0	13,014.3	2,546.4	NA	NA
Employee Benefits Security Administration	8,899.3	0.0	8,899.3	0.0	NA	NA
Occupational Safety and Health Administration	3,950.0	0.0	3,950.0	0.0	NA	NA
Pension Benefit Guaranty Corp.	2,711.4	0.0	165.0	2,546.4	NA	NA
Department of State	2,182.5	0.0	2,182.5	0.0	NA	NA
Department of Transportation	972,345.3	4,729.0	670,316.7	297,299.7	NA	NA
Federal Aviation Administration	371,533.0	0.0	230,771.0	140,762.0	NA	NA
Federal Highway Administration	381,982.2	4,729.0	325,992.4	51,260.8	NA	NA
Federal Motor Carrier Safety Administration	6,962.5	0.0	6,551.1	411.3	NA	NA
Federal Railroad Administration	92,604.0	0.0	18,925.0	73,679.0	NA	NA
Federal Transit Administration	6,812.0	0.0	6,108.0	704.0	NA	NA
National Highway Traffic Safety Administration	72,000.0	0.0	72,000.0	0.0	NA	NA
Office of the Secretary	15,603.0	0.0	0.0	15,603.0	NA	NA
Pipeline and Hazardous Materials Safety Administration	18,270.5	0.0	5,630.2	12,640.3	NA	NA
Research and Innovative Technology Administration	6,578.2	0.0	4,339.0	2,239.2	NA	NA
Department of the Treasury	75,054.3	93.7	74,671.4	289.2	NA	NA
Bureau of Engraving and Printing	4,820.9	93.7	4,438.0	289.2	NA	NA
Internal Revenue Service	68,908.7	0.0	68,908.7	0.0	NA	NA
U.S. Mint	1,324.7	0.0	1,324.7	0.0	NA	NA
Department of Veterans Affairs	607,819.0	248,480.3	322,168.6	37,170.1	NA	NA
Other agencies						
Agency for International Development	121,579.2	0.0	121,579.2	0.0	NA	NA
Appalachian Regional Commission	390.0	0.0	390.0	0.0	NA	NA
Environmental Protection Agency	562,779.0	84,879.0	394,200.0	83,700.0	NA	NA
Federal Communications Commission	3,883.4	0.0	3,883.4	0.0	NA	NA
Federal Trade Commission	1,907.2	0.0	1,907.2	0.0	NA	NA
Library of Congress	1,297.7	0.0	586.3	711.4	NA	NA
National Aeronautics and Space Administration	6,611,504.8	940,456.3	696,048.5	4,975,000.0	NA	NA
National Archives and Records Administration	1,988.5	0.0	1,988.5	0.0	NA	NA
National Science Foundation	5,176,990.0	4,726,610.0	450,380.0	0.0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
Nuclear Regulatory Commission	68,804.9	0.0	68,804.9	0.0	NA	NA
Smithsonian Institution	193,526.0	193,526.0	0.0	0.0	NA	NA
Social Security Administration	78,160.0	0.0	78,160.0	0.0	NA	NA

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

^a As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

^b The Bureau of Ocean Energy Management, Regulation and Enforcement was split into the Bureau of Ocean Energy Management and the Bureau of Safety and Environmental Enforcement in FY 2012.

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 2011–13.