

TABLE 7. Preliminary federal obligations for research and development, by agency and character of work: FY 2015
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	130,636,684.2	31,455,857.7	31,139,525.9	68,041,300.7	NA	NA
Departments						
Department of Agriculture	2,312,284.3	959,957.0	1,170,648.6	181,678.8	NA	NA
Agricultural Marketing Service	8,619.5	0.0	4,309.8	4,309.8	NA	NA
Agricultural Research Service	1,104,403.0	552,201.5	441,761.2	110,440.3	NA	NA
Animal and Plant Health Inspection Service	40,248.2	19,575.2	0.0	20,673.0	NA	NA
Economic Research Service	83,446.0	7,000.0	76,446.0	0.0	NA	NA
Foreign Agricultural Service	694.4	194.4	499.9	0.0	NA	NA
Forest Service	310,000.0	84,128.1	179,616.2	46,255.7	NA	NA
Grain Inspection, Packers and Stockyards Administration	7,347.1	0.0	7,347.1	0.0	NA	NA
National Agricultural Statistics Service	10,000.0	5,980.0	4,020.0	0.0	NA	NA
National Institute of Food and Agriculture	744,289.2	290,877.8	453,411.4	0.0	NA	NA
Rural Business-Cooperative Service	3,237.0	0.0	3,237.0	0.0	NA	NA
Department of Commerce	1,352,542.4	232,412.1	1,024,401.5	95,728.7	NA	NA
National Institute of Standards and Technology	631,564.1	232,412.1	386,474.8	12,677.2	NA	NA
National Oceanic and Atmospheric Administration	533,885.0	0.0	468,097.0	65,788.0	NA	NA
National Telecommunications and Information Administration	8,911.5	0.0	8,911.5	0.0	NA	NA
U.S. Census Bureau	178,181.8	0.0	160,918.2	17,263.5	NA	NA
Department of Defense	65,291,249.5	2,033,615.8	4,464,315.6	58,793,318.1	5,086,070.8	53,707,247.3
Defense Advanced Research Projects Agency	2,901,160.0	362,248.0	1,140,254.0	1,398,658.0	1,327,266.0	71,392.0
Department of the Air Force	23,723,968.7	461,518.0	1,087,709.0	22,174,741.7	598,117.9	21,576,623.8
Department of the Army	6,630,574.8	444,253.2	877,189.8	5,309,131.7	1,046,167.5	4,262,964.2
Department of the Navy	16,132,583.0	579,341.0	820,209.0	14,733,033.0	587,859.0	14,145,174.0
Other defense agencies	15,902,963.0	186,255.5	538,953.8	15,177,753.6	1,526,660.4	13,651,093.2
Department of Education	335,511.3	22,787.0	205,425.7	107,298.6	NA	NA
Department of Energy	11,023,286.0	4,173,872.4	3,969,661.1	2,879,752.5	NA	NA
Advanced Research Projects Agency—Energy	270,000.0	0.0	127,000.0	143,000.0	NA	NA
Bonneville Power Administration	16,713.0	9,000.0	5,713.0	2,000.0	NA	NA
Electricity Delivery and Energy Reliability	102,400.0	6,700.0	57,600.0	38,100.0	NA	NA
Energy Efficiency and Renewable Energy	1,021,575.0	0.0	635,951.0	385,624.0	NA	NA
Environmental Management	16,007.0	0.0	5,282.3	10,724.7	NA	NA
Fossil Energy	320,536.7	3,205.4	118,598.6	198,732.7	NA	NA
National Nuclear Security Administration	4,844,699.3	61,498.0	2,693,689.6	2,089,511.7	NA	NA
Defense Programs	3,450,680.5	6,160.0	2,559,593.8	884,926.7	NA	NA
Naval Reactors	1,167,180.0	0.0	0.0	1,167,180.0	NA	NA
Nonproliferation and Verification	226,838.8	55,338.0	134,095.8	37,405.0	NA	NA
Nuclear Energy	337,886.0	0.0	325,826.6	12,059.4	NA	NA
Office of Science	4,093,469.0	4,093,469.0	0.0	0.0	NA	NA
Department of Health and Human Services	30,474,291.1	15,858,162.8	14,552,638.0	63,490.3	NA	NA
Administration for Children and Families	2,375.0	0.0	2,375.0	0.0	NA	NA
Agency for Healthcare Research and Quality	321,611.0	0.0	295,882.1	25,728.9	NA	NA
Agency for Toxic Substances and Disease Registry	50.0	0.0	50.0	0.0	NA	NA
Ctrs. for Disease Control and Prevention	333,348.8	51,624.3	253,445.3	28,279.2	NA	NA
Ctrs. for Medicare and Medicaid Services	15,967.3	0.0	15,967.3	0.0	NA	NA
Food and Drug Administration	359,193.7	*	359,193.7	*	NA	NA
Health Resources and Services Administration	36,640.3	2,438.4	24,719.7	9,482.2	NA	NA
National Institutes of Health	29,387,105.0	15,804,100.0	13,583,005.0	0.0	NA	NA
Office of the Secretary	18,000.0	0.0	18,000.0	0.0	NA	NA
Office of the Assistant Secretary, Planning and Evaluation	18,000.0	0.0	18,000.0	0.0	NA	NA
Department of Homeland Security	476,163.0	0.0	177,327.0	298,836.0	NA	NA
Science and Technology Directorate	461,400.0	0.0	172,198.0	289,202.0	NA	NA

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Agency	Total R&D	Basic research	Applied research	Development		
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U.S. Coast Guard	14,763.0	0.0	5,129.0	9,634.0	NA	NA
Department of Housing and Urban Development	76,732.0	0.0	51,529.9	25,202.1	NA	NA
Department of the Interior	772,217.2	55,482.0	605,206.2	111,529.0	NA	NA
Bureau of Ocean Energy Management	49,703.0	0.0	49,703.0	0.0	NA	NA
Bureau of Reclamation	13,265.0	0.0	9,949.0	3,316.0	NA	NA
Bureau of Safety and Environmental Enforcement	24,146.2	0.0	23,539.2	607.0	NA	NA
U.S. Geological Survey	685,103.0	55,482.0	522,015.0	107,606.0	NA	NA
Department of Justice	110,376.5	17,345.5	59,474.2	33,556.8	NA	NA
Bureau of Prisons	10,880.0	0.0	1,976.0	8,904.0	NA	NA
Federal Bureau of Investigation	30,511.3	2,045.5	3,813.0	24,652.8	NA	NA
Office of Justice Programs	68,985.2	15,300.0	53,685.2	0.0	NA	NA
Department of Labor	13,521.6	0.0	10,831.6	2,690.0	NA	NA
Employee Benefits Security Administration	6,470.6	0.0	6,470.6	0.0	NA	NA
Occupational Safety and Health Administration	4,001.0	0.0	4,001.0	0.0	NA	NA
Pension Benefit Guaranty Corp.	3,050.0	0.0	360.0	2,690.0	NA	NA
Department of State	1,444.2	0.0	1,444.2	0.0	NA	NA
Department of Transportation	977,875.7	6,695.5	771,208.8	199,971.4	NA	NA
Federal Aviation Administration	306,759.4	0.0	235,861.7	70,897.7	NA	NA
Federal Highway Administration	436,706.0	6,695.5	354,490.7	75,519.8	NA	NA
Federal Motor Carrier Safety Administration	9,290.3	0.0	8,686.5	603.8	NA	NA
Federal Railroad Administration	56,530.0	0.0	38,969.9	17,560.1	NA	NA
Federal Transit Administration	55,800.0	0.0	46,314.0	9,486.0	NA	NA
National Highway Traffic Safety Administration	75,058.0	0.0	75,058.0	0.0	NA	NA
Office of the Secretary	9,596.0	0.0	0.0	9,596.0	NA	NA
Pipeline and Hazardous Materials Safety Administration	21,088.0	0.0	7,415.0	13,673.0	NA	NA
Research and Innovative Technology Administration	7,048.0	0.0	4,413.0	2,635.0	NA	NA
Department of the Treasury	73,814.3	230.4	73,008.0	575.9	NA	NA
Bureau of Engraving and Printing	9,466.2	230.4	8,659.9	575.9	NA	NA
Internal Revenue Service	64,128.1	0.0	64,128.1	0.0	NA	NA
U.S. Mint	220.0	0.0	220.0	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	130,543.9	9,329.4	121,214.5	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	532,132.0	0.0	454,486.1	77,645.9	NA	NA
Federal Communications Commission	4,625.2	0.0	4,625.2	0.0	NA	NA
Federal Trade Commission	2,171.0	0.0	2,171.0	0.0	NA	NA
Library of Congress	1,769.7	0.0	683.6	1,086.2	NA	NA
National Aeronautics and Space Administration	10,537,996.5	3,079,649.7	2,326,113.4	5,132,233.3	NA	NA
National Archives and Records Administration	938.7	0.0	938.7	0.0	NA	NA
National Science Foundation	5,177,613.5	4,552,955.5	624,658.0	0.0	NA	NA
Nuclear Regulatory Commission	82,845.2	0.0	82,845.2	0.0	NA	NA
Smithsonian Institution	207,978.0	207,978.0	0.0	0.0	NA	NA
Social Security Administration	63,755.0	0.0	63,755.0	0.0	NA	NA

* = amount greater than \$0 but less than \$50; 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 2013–15.