

TABLE 6. Preliminary federal obligations for research and development, by agency and character of work: FY 2013
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
All agencies	132,435,661.1	31,191,090.0	30,425,596.0	70,818,975.2	NA	NA
Departments						
Department of Agriculture	2,386,715.5	934,146.0	1,247,580.9	204,988.6	NA	NA
Agricultural Marketing Service	4,990.5	0.0	2,495.3	2,495.3	NA	NA
Agricultural Research Service	1,101,346.0	550,673.0	440,538.4	110,134.6	NA	NA
Animal and Plant Health Inspection Service	37,887.0	0.0	0.0	37,887.0	NA	NA
Economic Research Service	71,391.2	6,025.2	65,366.0	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	6,197.8	0.0	6,197.8	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	833,191.5	288,895.9	544,295.5	0.0	NA	NA
Rural Business-Cooperative Service	3,600.0	0.0	3,600.0	0.0	NA	NA
Department of Commerce	1,126,979.8	179,505.6	872,030.7	75,443.4	NA	NA
National Institute of Standards and Technology	528,212.4	179,505.6	343,470.0	5,236.7	NA	NA
National Oceanic and Atmospheric Administration	471,976.0	0.0	427,831.0	44,145.0	NA	NA
National Telecommunications and Information Administration	5,235.2	0.0	5,235.2	0.0	NA	NA
U.S. Census Bureau	121,556.2	0.0	95,494.5	26,061.7	NA	NA
Department of Defense	68,083,801.5	1,766,477.1	4,058,970.7	62,258,353.7	4,717,245.0	57,541,108.7
Defense Advanced Research Projects Agency	2,920,580.0	348,484.0	1,236,607.0	1,335,489.0	1,231,460.0	104,029.0
Department of the Air Force	24,638,940.7	226,719.6	558,828.6	23,853,392.5	274,952.0	23,578,440.5
Department of the Army	8,848,382.0	449,316.8	953,375.5	7,445,689.7	954,732.0	6,490,957.7
Department of the Navy	17,538,207.9	568,760.0	782,048.0	16,187,399.9	618,084.0	15,569,315.9
Other defense agencies	14,137,690.9	173,196.7	528,111.6	13,436,382.6	1,638,016.9	11,798,365.7
Department of Education	317,700.7	6,193.6	188,539.5	122,967.7	NA	NA
Department of Energy	9,495,471.7	3,793,238.2	3,222,309.7	2,479,923.8	NA	NA
Advanced Research Projects Agency—Energy	190,906.0	0.0	87,446.2	103,459.8	NA	NA
Bonneville Power Administration	16,173.4	9,211.0	5,370.0	1,592.3	NA	NA
Electricity Delivery and Energy Reliability	93,710.8	3,902.0	55,114.3	34,694.4	NA	NA
Energy Efficiency and Renewable Energy	838,116.0	0.0	467,446.5	370,669.5	NA	NA
Environmental Management	15,351.0	0.0	5,066.0	10,285.0	NA	NA
Fossil Energy	369,036.0	3,690.0	162,376.0	202,970.0	NA	NA
National Nuclear Security Administration	4,127,014.5	45,658.5	2,333,394.7	1,747,961.3	NA	NA
Defense Programs	2,834,107.9	0.0	2,112,485.5	721,622.4	NA	NA
Naval Reactors	994,026.8	0.0	0.0	994,026.8	NA	NA
Nonproliferation and Verification	298,879.8	45,658.5	220,909.2	32,312.1	NA	NA
Nuclear Energy	111,813.1	0.0	103,521.7	8,291.4	NA	NA
Office of Science	3,733,350.9	3,730,776.6	2,574.3	0.0	NA	NA
Department of Health and Human Services	31,292,228.8	16,073,419.4	15,154,009.3	64,800.2	NA	NA
Administration for Children and Families	8,593.4	0.0	8,593.4	0.0	NA	NA
Agency for Healthcare Research and Quality	334,357.0	0.0	307,608.4	26,748.6	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	418,412.7	63,771.4	326,988.7	27,652.6	NA	NA
Ctrs. for Medicare and Medicaid Services	20,053.1	0.0	20,053.1	0.0	NA	NA
Food and Drug Administration	357,413.6	0.0	357,413.6	0.0	NA	NA
Health Resources and Services Administration	35,894.0	2,565.0	22,930.0	10,399.0	NA	NA
National Institutes of Health	30,097,135.0	16,007,083.0	14,090,052.0	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	632,775.8	90,481.2	234,559.0	307,735.6	NA	NA
Science and Technology Directorate	603,938.8	90,481.2	225,519.0	287,938.6	NA	NA

TABLE 6. Preliminary federal obligations for research and development, by agency and character of work: FY 2013
(Dollars in thousands)

Agency	Total R&D	Basic research	Applied research	Development		
				Total	Advanced technology	Major systems
U.S. Coast Guard	28,837.0	0.0	9,040.0	19,797.0	NA	NA
Department of Housing and Urban Development	73,038.7	0.0	46,647.5	26,391.3	NA	NA
Department of the Interior	748,131.0	55,425.0	579,544.0	113,162.0	NA	NA
Bureau of Ocean Energy Management	34,302.0	0.0	34,302.0	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	21,166.0	0.0	19,366.0	1,800.0	NA	NA
U.S. Geological Survey	682,613.0	55,425.0	518,338.0	108,850.0	NA	NA
Department of Justice	82,425.8	18,586.2	53,614.5	10,225.0	NA	NA
Bureau of Prisons	7,982.0	0.0	1,317.0	6,665.0	NA	NA
Federal Bureau of Investigation	13,238.8	3,586.2	6,092.6	3,560.0	NA	NA
Office of Justice Programs	61,204.9	15,000.0	46,204.9	0.0	NA	NA
Department of Labor	14,162.9	0.0	11,735.9	2,427.0	NA	NA
Employee Benefits Security Administration	6,450.9	0.0	6,450.9	0.0	NA	NA
Occupational Safety and Health Administration	5,120.0	0.0	5,120.0	0.0	NA	NA
Pension Benefit Guaranty Corp.	2,592.0	0.0	165.0	2,427.0	NA	NA
Department of State	1,484.2	0.0	1,484.2	0.0	NA	NA
Department of Transportation	984,117.3	7,233.3	748,285.6	228,598.3	NA	NA
Federal Aviation Administration	339,331.0	0.0	212,909.0	126,422.0	NA	NA
Federal Highway Administration	446,771.7	7,233.3	381,759.0	57,779.4	NA	NA
Federal Motor Carrier Safety Administration	6,517.0	0.0	6,517.0	0.0	NA	NA
Federal Railroad Administration	45,833.3	0.0	33,552.8	12,280.5	NA	NA
Federal Transit Administration	32,132.0	0.0	31,195.0	937.0	NA	NA
National Highway Traffic Safety Administration	71,922.0	0.0	71,922.0	0.0	NA	NA
Office of the Secretary	16,559.0	0.0	0.0	16,559.0	NA	NA
Pipeline and Hazardous Materials Safety Administration	17,916.2	0.0	5,724.6	12,191.6	NA	NA
Research and Innovative Technology Administration	7,135.0	0.0	4,706.2	2,428.8	NA	NA
Department of the Treasury	75,507.8	130.2	74,552.3	825.4	NA	NA
Bureau of Engraving and Printing	9,400.8	130.2	8,445.2	825.4	NA	NA
Internal Revenue Service	64,844.9	0.0	64,844.9	0.0	NA	NA
U.S. Mint	1,262.1	0.0	1,262.1	0.0	NA	NA
Department of Veterans Affairs	592,674.0	242,289.0	314,141.1	36,243.9	NA	NA
Other agencies						
Agency for International Development	78,989.2	0.0	78,989.2	0.0	NA	NA
Appalachian Regional Commission	760.0	0.0	760.0	0.0	NA	NA
Consumer Product Safety Commission	1,125.0	0.0	1,125.0	0.0	NA	NA
Environmental Protection Agency	525,284.9	0.0	448,738.5	76,546.4	NA	NA
Federal Communications Commission	4,830.3	0.0	4,830.3	0.0	NA	NA
Federal Trade Commission	2,066.0	0.0	2,066.0	0.0	NA	NA
Library of Congress	1,363.9	0.0	671.4	692.5	NA	NA
National Aeronautics and Space Administration	10,353,602.4	3,090,958.3	2,452,993.7	4,809,650.4	NA	NA
National Archives and Records Administration	1,081.5	0.0	1,081.5	0.0	NA	NA
National Science Foundation	5,242,110.0	4,731,140.0	510,970.0	0.0	NA	NA
Nuclear Regulatory Commission	57,499.5	0.0	57,499.5	0.0	NA	NA
Smithsonian Institution	201,867.0	201,867.0	0.0	0.0	NA	NA
Social Security Administration	57,866.0	0.0	57,866.0	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.