

TABLE 122. Federal obligations for basic research, by agency: FYs 2004–14
(Dollars in millions)

Agency	2004	2005	2006	2007	2008	2009	2010	2011	2012	Preliminary	
										2013	2014
All agencies	26,120.7	27,140.3	26,584.6	26,865.8	27,154.0	32,879.4	31,795.3	29,313.6	30,958.9	31,191.1	32,541.2
Departments											
Department of Agriculture	919.9	953.7	945.8	937.5	883.4	930.2	982.2	963.3	851.4	934.1	929.6
Agricultural Research Service	538.0	542.8	556.1	559.6	550.1	570.6	589.1	566.5	544.9	550.7	562.0
Economic Research Service	7.1	7.4	7.5	8.6	4.4	8.0	1.9	7.6	6.9	6.0	7.0
Foreign Agricultural Service	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Forest Service	121.4	121.4	125.9	87.9	82.7	105.4	99.2	89.9	84.9	84.9	84.9
Grain Inspection, Packers, and Stockyards Administration	0.0	0.0	0.0	6.7	6.6	6.5	6.3	6.7	0.0	0.0	0.0
National Agricultural Statistics Service	1.8	1.8	1.9	2.0	2.6	3.0	3.2	3.3	3.5	3.5	3.5
National Institute of Food and Agriculture ^a	251.2	279.9	254.2	272.5	237.0	236.6	282.4	289.1	211.0	288.9	272.0
Department of Commerce	47.9	59.0	72.8	102.8	110.9	138.3	202.3	165.5	174.2	179.5	229.0
Economic Development Administration	0.0	0.0	0.0	0.0	0.9	1.6	5.5	0.4	NA	NA	NA
National Institute of Standards and Technology	47.0	59.0	72.8	102.8	110.0	136.7	196.7	165.1	174.2	179.5	229.0
U.S. Census Bureau	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	1,416.2	1,399.5	1,304.2	1,527.2	1,616.4	1,730.3	1,853.5	1,885.4	2,035.8	1,766.5	2,117.2
Defense Advanced Research Projects Agency ^b	NA	254.2	345.0	348.5	363.0						
Defense agencies and activities ^b	193.1	157.4	160.5	235.9	311.3	343.0	414.7	na	na	na	na
Department of the Air Force	319.2	369.6	350.6	422.3	399.9	432.1	475.7	470.7	502.7	226.7	516.4
Department of the Army	442.3	396.8	348.8	384.6	392.1	431.2	414.3	415.0	418.1	449.3	448.0
Department of the Navy	461.6	475.7	444.3	484.4	513.2	524.0	548.8	547.0	587.8	568.8	614.3
Other defense agencies ^{b, c}	NA	198.4	182.1	173.2	175.5						
Department of Education	9.0	9.6	2.6	4.2	4.5	4.2	7.1	7.5	6.8	6.2	4.7
Department of Energy	2,662.6	2,746.5	2,834.6	3,007.6	3,180.4	4,061.0	3,969.5	3,961.7	3,957.4	3,793.2	4,117.8
Bonneville Power Administration	3.4	*	0.0	*	0.1	1.0	7.9	4.0	4.6	9.2	4.8
Electricity Delivery and Energy Reliability	NA	0.0	0.0	0.0	0.0	0.0	7.3	6.4	6.3	3.9	4.0
Energy Efficiency and Renewable Energy	22.6	22.7	1.2	0.6	12.2	2.3	20.7	1.6	6.8	0.0	0.0
Fossil Energy	9.6	9.3	7.3	5.9	4.0	4.4	4.8	4.1	3.7	3.7	2.8
National Nuclear Security Administration	6.8	3.0	7.8	8.6	26.8	22.1	33.7	42.1	45.6	45.7	45.7
Nonproliferation and Verification	6.8	3.0	7.8	8.6	26.8	22.1	33.7	42.1	45.6	45.7	45.7
Office of Science	2,620.2	2,711.5	2,818.3	2,992.5	3,137.3	4,031.2	3,895.1	3,903.5	3,890.5	3,730.8	4,060.6
Department of Health and Human Services	14,766.5	15,786.1	15,539.6	15,772.2	16,030.8	18,772.2	18,649.7	16,066.3	15,977.4	16,073.4	16,153.1
Ctrs. for Disease Control and Prevention	0.0	0.0	0.0	138.6	122.3	108.7	85.4	64.8	73.6	63.8	58.0
Health Resources and Services Administration	2.1	2.5	2.6	2.4	2.5	2.4	2.4	2.6	2.6	2.6	2.6
National Institutes of Health	14,764.5	15,783.6	15,537.0	15,631.2	15,906.0	18,661.0	18,561.9	15,998.9	15,901.2	16,007.1	16,092.6
Department of Homeland Security	166.5	55.1	79.8	56.7	245.7	101.3	100.3	113.8	84.3	90.5	89.2
Science and Technology Directorate	85.1	55.1	79.8	56.7	245.6	101.3	100.3	113.8	84.3	90.5	89.2
Transportation Security Administration	81.3	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA
U.S. Secret Service	0.0	0.0	0.0	0.0	0.1	NA	NA	NA	NA	NA	NA

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Agency	2004	2005	2006	2007	2008	2009	2010	2011	2012	Preliminary	
										2013	2014
Department of the Interior	36.7	35.7	42.1	41.9	43.1	47.1	49.9	48.9	54.2	55.4	63.7
U.S. Geological Survey	36.7	35.7	42.1	41.9	43.1	47.1	49.9	48.9	54.2	55.4	63.7
Department of Justice	14.5	17.5	18.1	24.0	0.0	9.3	13.0	17.5	15.3	18.6	18.8
Federal Bureau of Investigation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.8
Office of Justice Programs	14.5	17.5	18.1	24.0	0.0	9.3	13.0	17.5	15.3	15.0	15.0
Department of Labor	13.7	13.8	13.6	14.2	14.3	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Labor Statistics	13.7	13.8	13.6	14.2	14.3	0.0	NA	NA	NA	NA	NA
Department of Transportation	19.9	0.0	1.6	2.5	0.0	0.0	4.6	4.4	8.4	7.2	7.2
Federal Highway Administration	19.9	0.0	1.6	2.5	0.0	0.0	4.6	4.4	8.4	7.2	7.2
Department of the Treasury	0.1	0.2	0.3	0.3	0.1	0.3	0.1	0.2	0.1	0.1	0.2
Bureau of Engraving and Printing	0.1	0.2	0.3	0.3	0.1	0.3	0.1	0.2	0.1	0.1	0.2
Department of Veterans Affairs	174.7	176.9	181.1	196.2	211.0	203.3	232.0	250.6	251.3	242.3	245.4
Other agencies											
Agency for International Development	0.1	18.4	18.0	1.5	2.9	0.6	0.8	0.0	0.0	0.0	0.0
Environmental Protection Agency	113.9	109.2	104.3	100.6	78.4	83.7	86.9	88.0	86.9	0.0	0.0
Library of Congress	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	2,143.5	2,239.6	1,803.2	1,313.0	874.5	1,021.6	809.3	856.8	2,606.0	3,091.0	3,245.7
National Science Foundation	3,505.1	3,410.7	3,504.0	3,618.4	3,715.5	5,623.9	4,667.2	4,690.6	4,652.4	4,731.1	5,109.1
Smithsonian Institution	108.0	109.0	119.0	145.0	142.0	152.0	167.0	193.1	197.0	201.9	210.5

* = amount greater than \$0 but less than \$50,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data collected for this table were not recorded at that level in that particular fiscal year.

^a The Cooperative State Research, Education, and Extension Service changed its name to the National Institute of Food and Agriculture in FY 2008.

^b In FY 2011, excepting the Defense Advanced Research Projects Agency, the Office of the Secretary of Defense began reporting for the agencies that had been presented under Department of Defense (DOD) agencies and activities and Operational Test and Evaluation, Director. These are now reported under Other defense agencies.

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

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. The Transportation Security Laboratory (TSL) initially existed under the Transportation Security Administration (TSA) of the Department of Homeland Security (DHS), but in the 2005 DHS reorganization, TSL was moved from TSA to the Science and Technology Directorate. In FY 2006, the National Aeronautics and Space Administration (NASA) reclassified as operational costs funding for Space Operations, the Hubble Space Telescope, the Stratospheric Observatory for Infrared Astronomy, and the James Webb Space Telescope that previously had been reported as R&D plant. Between FY 2006 and FY 2007, NASA's R&D obligations decreased for two reasons: (1) in FY 2007, NASA excluded projects that were operational in nature that were not excluded in FY 2006, which accounts for \$850 million of the decrease; and (2) there was an overall decrease in obligations between FY 2006 and FY 2007, which accounts for the remainder of the decrease. In FY 2010, NASA resumed reporting International Space Station obligations as R&D plant. In FY 2012, NASA began reporting International Space Station obligations as research rather than R&D plant. See appendix C for additional notes associated with the agencies listed in this table. FYs 2009 and 2010 obligations include additional funding provided by the American Recovery and Reinvestment Act of 2009.

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