

TABLE 122. Federal obligations for basic research, by agency: FYs 2003–13
(Dollars in millions)

Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	Preliminary	
										2012	2013
All agencies	24,751.4	26,120.7	27,140.3	26,584.6	26,865.8	27,154.0	32,879.4	31,795.3	29,313.6	29,426.2	30,065.7
Departments											
Department of Agriculture	961.6	919.9	953.7	945.8	937.5	883.4	930.2	982.2	963.3	1,006.7	935.8
Agricultural Research Service	584.1	538.0	542.8	556.1	559.6	550.1	570.6	589.1	566.5	550.7	551.3
Economic Research Service	6.8	7.1	7.4	7.5	8.6	4.4	8.0	1.9	7.6	7.0	7.0
Foreign Agricultural Service	0.9	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2
Forest Service	119.7	121.4	121.4	125.9	87.9	82.7	105.4	99.2	89.9	97.1	85.1
Grain Inspection, Packers, and Stockyards Administration	0.0	0.0	0.0	0.0	6.7	6.6	6.5	6.3	6.7	6.3	6.9
National Agricultural Statistics Service	1.8	1.8	1.8	1.9	2.0	2.6	3.0	3.2	3.3	3.3	3.3
National Institute of Food and Agriculture ^a	248.2	251.2	279.9	254.2	272.5	237.0	236.6	282.4	289.1	342.1	282.0
Department of Commerce	65.9	47.9	59.0	72.8	102.8	110.9	138.3	202.3	165.5	176.7	202.0
Economic Development Administration	0.0	0.0	0.0	0.0	0.0	0.9	1.6	5.5	0.4	1.5	0.0
National Institute of Standards and Technology	65.5	47.0	59.0	72.8	102.8	110.0	136.7	196.7	165.1	175.2	202.0
U.S. Census Bureau	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	1,396.1	1,416.2	1,399.5	1,304.2	1,527.2	1,616.4	1,730.3	1,853.5	1,885.4	1,971.3	2,091.8
Defense Advanced Research Projects Agency ^b	NA	254.2	347.1	346.7							
Defense agencies and activities ^b	512.8	193.1	157.4	160.5	235.9	311.3	343.0	414.7	na	na	na
Department of the Air Force	238.2	319.2	369.6	350.6	422.3	399.9	432.1	475.7	470.7	506.4	518.4
Department of the Army	240.6	442.3	396.8	348.8	384.6	392.1	431.2	414.3	415.0	414.8	446.6
Department of the Navy	404.5	461.6	475.7	444.3	484.4	513.2	524.0	548.8	547.0	557.6	604.4
Other defense agencies ^{b, c}	NA	198.4	145.4	175.7							
Department of Education	5.5	9.0	9.6	2.6	4.2	4.5	4.2	7.1	7.5	6.8	8.3
Department of Energy	2,446.9	2,662.6	2,746.5	2,834.6	3,007.6	3,180.4	4,061.0	3,969.5	3,961.7	3,810.3	4,074.1
Bonneville Power Administration	3.3	3.4	*	0.0	*	0.1	1.0	7.9	4.0	4.6	9.7
Electricity Delivery and Energy Reliability	na	na	na	na	na	0.0	0.0	7.3	6.4	10.1	18.2
Energy Efficiency and Renewable Energy	30.6	22.6	22.7	1.2	0.6	12.2	2.3	20.7	1.6	6.8	0.0
Fossil Energy	9.9	9.6	9.3	7.3	5.9	4.0	4.4	4.8	4.1	3.0	2.8
National Nuclear Security Administration	10.7	6.8	3.0	7.8	8.6	26.8	22.1	33.7	42.1	50.5	50.5
Nonproliferation and Verification	10.7	6.8	3.0	7.8	8.6	26.8	22.1	33.7	42.1	50.5	50.5
Office of Science	2,392.4	2,620.2	2,711.5	2,818.3	2,992.5	3,137.3	4,031.2	3,895.1	3,903.5	3,735.4	3,993.1
Department of Health and Human Services	14,102.5	14,766.5	15,786.1	15,539.6	15,772.2	16,030.8	18,772.2	18,649.7	16,066.3	16,095.2	16,018.0
Ctrs. for Disease Control and Prevention	0.0	0.0	0.0	0.0	138.6	122.3	108.7	85.4	64.8	58.4	39.2
Health Resources and Services Administration	2.5	2.1	2.5	2.6	2.4	2.5	2.4	2.4	2.6	2.6	2.6
National Institutes of Health	14,100.0	14,764.5	15,783.6	15,537.0	15,631.2	15,906.0	18,661.0	18,561.9	15,998.9	16,034.2	15,976.2
Department of Homeland Security	NA	166.5	55.1	79.8	56.7	245.7	101.3	100.3	113.8	99.1	142.8
Science and Technology Directorate	NA	85.1	55.1	79.8	56.7	245.6	101.3	100.3	113.8	99.1	142.8
Transportation Security Administration	NA	81.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Secret Service	NA	NA	NA	NA	NA	0.1	0.0	0.0	0.0	0.0	0.0

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Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	Preliminary	
										2012	2013
Department of the Interior	40.7	36.7	35.7	42.1	41.9	43.1	47.1	49.9	48.9	55.5	61.2
U.S. Geological Survey	40.7	36.7	35.7	42.1	41.9	43.1	47.1	49.9	48.9	55.5	61.2
Department of Justice	31.2	14.5	17.5	18.1	24.0	0.0	9.3	13.0	17.5	5.8	0.8
Federal Bureau of Investigation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
Office of Justice Programs	31.2	14.5	17.5	18.1	24.0	0.0	9.3	13.0	17.5	5.0	0.0
Department of Labor	13.1	13.7	13.8	13.6	14.2	14.3	0.0	0.0	0.0	0.0	0.0
Bureau of Labor Statistics	13.1	13.7	13.8	13.6	14.2	14.3	0.0	0.0	0.0	0.0	0.0
Department of Transportation	24.5	19.9	0.0	1.6	2.5	0.0	0.0	4.6	4.4	4.7	4.8
Federal Highway Administration	24.5	19.9	0.0	1.6	2.5	0.0	0.0	4.6	4.4	4.7	4.8
Department of the Treasury	0.2	0.1	0.2	0.3	0.3	0.1	0.3	0.1	0.2	0.1	0.2
Bureau of Engraving and Printing	0.2	0.1	0.2	0.3	0.3	0.1	0.3	0.1	0.2	0.1	0.2
Department of Veterans Affairs	164.0	174.7	176.9	181.1	196.2	211.0	203.3	232.0	250.6	248.5	242.3
Other agencies											
Agency for International Development	0.1	0.1	18.4	18.0	1.5	2.9	0.6	0.8	0.0	0.0	0.0
Environmental Protection Agency	96.4	113.9	109.2	104.3	100.6	78.4	83.7	86.9	88.0	84.9	86.4
National Aeronautics and Space Administration	1,907.8	2,143.5	2,239.6	1,803.2	1,313.0	874.5	1,021.6	809.3	856.8	940.5	1,033.0
National Science Foundation	3,391.0	3,505.1	3,410.7	3,504.0	3,618.4	3,715.5	5,623.9	4,667.2	4,690.6	4,726.6	4,965.3
Smithsonian Institution	104.0	108.0	109.0	119.0	145.0	142.0	152.0	167.0	193.1	193.5	199.0

* = 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. Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. In FY 2003, the Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years. 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. Between FY 2006 and FY 2007, the National Aeronautics and Space Administration's (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 2006, 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. In FY 2010, NASA resumed reporting International Space Station obligations as R&D plant. 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.