

TABLE 102. Federal obligations for research, by agency: FY 2001–11
(Dollars in millions)

Agency	2001	2002	2003	2004	2005	2006	2007	2008	2009	Preliminary	
										2010	2011
All agencies	44,713.7	48,006.7	51,071.8	53,357.8	53,738.2	53,535.7	54,093.6	53,893.7	63,708.8	65,250.1	60,372.4
Departments											
Department of Agriculture	1,803.7	1,810.4	1,869.1	1,918.8	2,002.8	2,030.5	2,067.7	2,019.5	2,078.0	2,435.7	2,387.2
Agricultural Marketing Service	4.1	4.4	4.1	7.9	7.7	6.3	6.4	2.5	2.1	2.2	2.6
Agricultural Research Service	904.9	964.4	966.4	988.3	997.0	1,021.4	1,027.8	1,010.3	1,027.1	1,061.7	1,079.7
Economic Research Service	65.6	67.0	68.4	70.8	74.0	75.0	92.0	77.8	81.3	86.4	103.6
Food Safety Inspection Service	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foreign Agricultural Service	1.4	1.4	1.6	1.6	1.5	0.9	0.6	0.4	0.4	0.4	0.4
Forest Service	203.8	217.6	251.1	254.6	254.6	264.0	279.8	255.7	297.6	325.0	315.3
Grain Inspection, Packers, and Stockyards Administration	0.0	0.0	0.0	0.0	6.7	7.1	6.7	6.6	6.5	6.5	6.5
National Agricultural Statistics Service	4.2	4.6	5.5	6.1	6.1	6.5	6.8	6.9	7.2	7.1	7.3
National Institute of Food and Agriculture ^a	615.1	546.7	568.1	585.7	651.6	645.1	626.6	655.1	651.5	942.2	867.6
Rural Business-Cooperative Service	2.4	4.2	3.8	3.8	3.6	4.1	21.0	4.2	4.1	4.2	4.2
Department of Commerce	828.3	994.5	1,054.1	887.9	889.4	840.2	928.5	964.0	959.1	1,184.4	1,085.2
Economic Development Administration	0.6	0.5	0.5	0.2	0.5	0.2	0.8	2.2	2.9	2.0	4.2
National Institute of Standards and Technology	336.8	354.6	381.0	359.7	357.6	355.5	415.3	406.8	479.3	678.1	545.0
National Oceanic and Atmospheric Administration	478.9	629.3	665.6	519.9	520.3	471.8	500.1	542.7	463.8	487.3	521.5
National Telecommunications and Information Administration	4.2	4.1	6.4	6.3	6.9	6.7	7.0	7.0	6.9	8.0	8.9
U.S. Census Bureau	7.9	6.0	0.6	1.8	4.2	6.0	5.3	5.3	6.2	9.1	5.6
Department of Defense	6,806.2	6,265.4	5,815.6	5,697.9	5,931.5	5,751.9	6,393.9	6,580.8	6,806.5	6,905.2	6,363.6
Defense agencies and activities	2,504.3	2,653.5	2,212.1	1,878.6	1,752.0	1,740.6	1,866.7	2,030.8	2,206.9	2,367.9	2,259.9
Department of the Air Force	2,190.9	1,357.4	1,329.4	1,210.5	1,246.4	1,351.1	1,540.1	1,591.8	1,618.7	1,556.4	1,562.4
Department of the Army	1,088.0	1,111.5	1,117.5	1,471.1	1,700.2	1,452.6	1,721.3	1,631.1	1,667.0	1,721.2	1,347.4
Department of the Navy	1,023.0	1,142.9	1,156.6	1,137.7	1,232.9	1,207.6	1,265.8	1,327.2	1,313.9	1,259.7	1,193.9
Department of Education	183.2	183.6	201.6	210.8	214.0	215.6	211.5	204.1	202.6	224.6	249.5
Department of Energy	4,593.2	5,062.5	5,260.6	5,498.0	5,703.8	5,720.3	5,856.5	6,099.6	7,188.1	7,608.8	7,478.5
Bonneville Power Administration	NA	14.3	14.7	15.4	8.9	9.8	8.7	11.2	7.3	5.5	2.9
Civilian Radioactive Waste Management	NA	62.5	75.8	78.9	53.5	52.9	10.5	1.4	0.1	0.0	0.0
Electricity Delivery and Energy Reliability	NA	NA	NA	NA	66.5	93.4	57.3	27.3	61.7	75.2	101.4
Energy Efficiency and Renewable Energy	NA	293.6	310.5	266.9	271.8	211.3	342.9	429.1	653.4	911.7	515.4
Energy Transformation Acceleration Fund	na	na									
Environmental Management	NA	86.9	20.8	12.8	14.9	10.2	2.4	2.3	10.9	24.0	40.0
Fossil Energy	NA	145.0	255.8	231.2	216.0	218.1	216.8	183.0	246.1	199.4	168.5
National Nuclear Security Administration	NA	2,072.6	2,158.3	2,200.4	2,277.4	2,218.7	2,154.4	2,178.1	2,061.4	2,028.1	2,178.4
Defense Programs	NA	1,893.9	2,009.9	2,105.8	2,193.4	2,076.2	2,028.4	1,967.1	1,795.8	1,787.0	1,991.1
Nonproliferation and Verification	NA	178.7	148.5	94.6	84.0	142.5	126.0	211.0	265.6	241.1	187.3
Nuclear Energy	NA	42.5	29.4	69.4	83.2	87.5	71.0	130.1	116.0	291.2	495.3
Office of Science	NA	2,345.1	2,395.3	2,623.1	2,711.5	2,818.3	2,992.5	3,137.3	4,031.2	3,868.5	3,976.6

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Agency	2001	2002	2003	2004	2005	2006	2007	2008	2009	Preliminary	
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Department of Health and Human Services	20,648.7	23,230.9	26,287.8	27,991.2	28,617.1	28,679.6	29,210.7	29,459.2	35,489.9	37,108.7	32,558.7
Administration for Children and Families	28.4	23.3	20.9	20.1	38.6	14.4	11.8	19.4	14.0	14.2	14.5
Administration on Aging	3.7	3.7	0.0	3.0	2.9	2.9	0.0	0.0	0.0	0.0	0.0
Agency for Healthcare Research and Quality	248.1	274.8	284.0	279.4	293.2	293.2	293.4	307.6	347.8	1,003.3	562.0
Agency for Toxic Substances and Disease Registry	13.1	12.4	14.3	10.7	9.4	9.0	4.2	4.3	4.5	3.6	4.3
Ctrs. for Disease Control and Prevention	544.0	521.0	564.0	539.8	510.8	544.6	527.2	511.3	389.4	395.1	387.4
Ctrs. for Medicare and Medicaid Services	138.0	117.0	73.6	77.6	77.3	62.4	57.3	31.1	30.1	81.7	47.2
Food and Drug Administration	151.6	136.3	138.3	132.3	142.1	143.3	129.3	137.9	166.4	210.6	231.7
Health Resources and Services Administration	16.1	17.3	16.5	16.9	17.6	17.3	16.8	21.7	23.4	28.9	29.0
National Institutes of Health	19,480.7	22,110.1	25,156.4	26,890.4	27,500.3	27,565.6	28,146.3	28,404.4	34,494.3	35,316.7	31,260.7
Office of the Secretary	24.9	14.9	19.9	21.1	24.8	26.8	24.5	21.5	20.0	54.5	21.9
Office of the Assistant Secretary, Planning and Evaluation	24.9	14.9	19.9	21.1	24.8	26.8	24.5	21.5	20.0	54.5	21.9
Department of Homeland Security	na	na	NA	413.4	597.2	606.2	541.8	325.4	347.2	421.4	367.2
Science and Technology Directorate	na	na	NA	284.5	411.0	595.6	535.8	318.1	340.5	413.0	360.3
Transportation Security Administration	na	na	NA	122.8	180.5	2.6	0.0	0.0	0.0	0.0	0.0
U.S. Coast Guard	na	na	NA	5.1	4.6	7.1	5.2	6.6	6.7	8.4	6.9
U.S. Secret Service	na	na	NA	1.0	1.0	1.0	0.8	0.7	0.0	0.0	0.0
Department of Housing and Urban Development	17.9	16.2	14.0	17.5	16.5	11.5	14.0	10.4	11.7	38.8	104.8
Department of the Interior	572.8	557.4	533.5	546.6	531.3	551.1	553.7	566.1	657.6	635.6	641.5
Bureau of Reclamation	7.3	3.6	3.3	3.8	4.4	3.1	3.0	3.1	3.0	3.2	3.2
Minerals Management Service	24.5	31.2	26.7	27.2	27.1	28.9	25.0	32.4	35.7	46.0	40.0
National Park Service	10.0	17.6	6.5	11.5	3.2	3.7	7.0	6.6	11.3	0.0	0.0
U.S. Geological Survey	531.1	504.9	497.0	504.1	496.6	515.5	518.7	524.0	607.6	586.4	598.3
Department of Justice	61.8	49.2	56.6	47.1	57.6	53.0	62.5	77.5	80.9	23.5	21.9
Bureau of Prisons	8.5	3.6	4.8	5.0	4.4	2.7	4.2	3.0	2.8	3.2	2.9
Office of Justice Programs	53.3	45.5	51.9	42.1	53.3	50.2	58.3	74.5	78.1	20.3	19.0
Department of Labor	57.1	45.5	36.3	37.5	36.0	30.1	48.0	40.9	29.2	66.8	25.2
Bureau of Labor Statistics	21.5	20.7	20.6	22.4	22.5	22.8	23.7	24.2	0.0	0.0	0.0
Employee Benefits Security Administration	3.3	2.7	2.7	2.5	2.7	2.6	1.8	2.2	2.2	5.7	3.0
Employment and Training Administration	25.0	17.8	9.0	9.0	6.7	0.7	18.8	10.7	22.4	55.2	16.1
Occupational Safety and Health Administration	5.7	3.8	3.1	3.4	3.4	3.5	3.4	3.6	4.5	5.8	5.9
Office of the Secretary	1.5	0.3	0.8	0.1	0.5	0.3	0.3	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Department of State	2.2	2.3	2.3	3.0	3.3	4.2	3.8	3.7	3.7	2.9	2.9
Department of Transportation	445.7	530.9	432.9	360.2	254.6	535.2	589.5	634.1	586.7	696.0	707.1
Federal Aviation Administration	186.1	244.8	135.6	118.3	128.3	136.6	128.2	140.4	162.9	223.2	221.4
Federal Highway Administration	158.3	138.6	192.8	201.9	51.7	288.4	348.3	347.3	316.8	368.0	368.0
Federal Motor Carrier Safety Administration	8.0	0.2	6.8	6.4	6.6	5.3	9.4	8.4	6.9	6.7	6.1

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Federal Railroad Administration	23.8	29.7	28.7	24.3	25.7	40.8	31.5	37.5	8.3	9.0	8.8
Federal Transit Administration	0.0	0.6	0.0	*	0.3	3.6	2.8	3.6	4.2	21.4	30.3
National Highway Traffic Safety Administration	58.3	59.6	65.4	6.7	40.1	57.5	64.1	83.3	82.0	61.0	66.0
Pipeline and Hazardous Materials Safety Administration	0.0	0.0	0.0	2.6	1.8	2.2	3.6	2.8	2.1	2.6	2.2
Research and Special Programs Administration	5.2	3.7	3.5	na	na						
Research and Innovative Technology Administration	na	na	na	0.0	0.1	0.7	1.7	10.7	3.7	4.1	4.2
Transportation Security Administration	na	47.2	na	na							
U.S. Coast Guard	5.9	6.4	na	na							
Department of the Treasury	63.2	61.8	58.7	61.3	63.4	60.7	59.3	64.5	67.0	71.5	74.1
Bureau of Engraving and Printing	4.7	5.3	4.3	4.0	5.6	5.3	4.4	4.9	2.1	0.9	3.5
Internal Revenue Service	56.6	55.5	54.4	57.3	57.8	55.4	54.8	59.6	64.9	70.5	70.6
Office of Thrift Supervision	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Customs Service	1.0	*	na	na							
U.S. Secret Service	0.7	0.8	na	na							
Department of Veterans Affairs	338.1	314.3	349.6	383.9	382.7	391.9	424.7	456.6	477.3	546.4	554.5
Other agencies											
Agency for International Development	239.2	247.6	262.4	241.4	216.7	215.0	234.5	123.8	160.1	110.3	112.5
Appalachian Regional Commission	0.7	0.7	0.7	0.6	0.8	1.0	0.8	0.8	1.0	0.6	0.7
Broadcasting Board of Governors	*	0.3	0.0	1.0	0.2	0.2	na	na	na	na	na
Consumer Product Safety Commission	0.1	0.0	0.0	na	na						
Environmental Protection Agency	350.7	323.7	461.8	536.8	525.4	504.8	492.2	450.2	468.1	441.3	447.9
Federal Communications Commission	2.7	4.4	4.5	4.1	5.1	7.1	6.4	6.7	6.9	4.6	3.7
Federal Trade Commission	0.7	1.8	2.3	1.6	1.2	1.6	1.5	2.6	2.4	1.9	2.4
Library of Congress	2.0	1.7	0.5	16.4	1.6	3.3	0.5	0.5	0.5	0.5	0.5
National Aeronautics and Space Administration	4,471.8	4,838.5	4,553.5	4,499.4	3,729.0	3,271.8	2,131.8	1,405.7	1,703.5	1,700.1	1,752.6
National Archives and Records Administration	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.6	4.6	4.6	4.5
National Science Foundation	3,043.5	3,260.0	3,608.6	3,770.7	3,742.9	3,790.6	3,970.1	4,135.2	6,095.2	4,711.6	5,103.5
Nuclear Regulatory Commission	53.0	74.3	64.0	72.1	70.1	71.4	76.5	61.0	61.2	60.6	54.5
Smithsonian Institution	98.0	106.0	104.0	108.0	109.0	119.0	145.0	142.0	152.0	164.0	178.0
Social Security Administration	28.9	22.8	36.8	30.4	35.1	67.8	68.2	54.1	67.9	79.6	89.6

* = 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 Cooperative State Research, Education, and Extension Service changed its name to National Institute of Food and Agriculture in FY 2008.

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 table. Between FY 2006 and FY 2007, 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. Transportation Security Laboratory (TSL) initially existed under Transportation Security Administration (TSA) of Department of Homeland Security (DHS), but in the 2005 DHS reorganization TSL was moved from TSA to Science and Technology Directorate. See appendix C for additional notes associated with agencies listed in this table.

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