

TABLE 108. Federal obligations for development, by agency: FYs 2002–12  
(Dollars in millions)

Agency	2002	2003	2004	2005	2006	2007	2008	2009	2010	Preliminary	
										2011	2012
All agencies <sup>a</sup>	45,701.9	52,455.4	58,716.6	65,109.6	68,194.3	73,169.3	73,212.0	77,398.2	76,626.5	73,973.9	70,240.1
Departments											
Department of Agriculture	161.3	170.5	183.4	181.5	183.1	180.8	182.5	191.7	223.2	219.1	208.9
Agricultural Marketing Service	0.8	0.7	1.0	0.2	0.0	0.0	2.5	2.1	2.2	2.1	2.1
Agricultural Research Service	95.4	95.6	109.8	110.8	113.5	114.2	112.3	114.1	117.8	118.5	120.0
Animal and Plant Health Inspection Service	23.7	28.0	24.4	24.4	25.5	26.0	28.4	28.9	30.1	29.1	28.0
Forest Service	35.4	40.9	41.4	46.2	44.1	40.5	39.3	46.6	73.1	69.4	58.8
Grain Inspection, Packers, and Stockyards Administration	6.0	5.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Commerce	156.9	153.8	171.0	143.9	101.5	99.2	80.8	187.8	139.4	146.4	242.4
National Institute of Standards and Technology	96.7	95.0	84.5	61.2	30.3	41.2	23.2	21.2	34.1	45.1	110.8
National Oceanic and Atmospheric Administration	22.0	19.8	46.3	63.5	55.1	40.7	38.1	143.7	67.4	67.4	85.0
National Telecommunications and Information Administration	15.5	17.1	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	22.7	21.9	22.4	19.3	16.1	17.3	19.4	22.9	37.8	33.9	46.6
Department of Defense <sup>a</sup>	39,147.4	46,081.5	52,095.0	57,456.2	60,118.7	65,817.3	65,252.4	69,064.6	66,405.6	65,106.0	64,189.2
Defense agencies and activities	9,422.2	10,290.9	11,189.0	13,572.5	12,563.0	14,037.1	13,874.8	14,034.0	13,820.9	12,609.7	11,593.2
Department of the Air Force <sup>a</sup>	13,382.6	16,929.6	19,108.5	18,724.6	20,336.8	23,723.9	23,640.4	26,346.2	24,843.2	26,725.3	27,598.1
Department of the Army	5,965.1	6,492.0	7,751.9	8,508.1	9,865.7	9,907.3	10,246.7	10,241.5	9,178.1	9,023.0	8,325.5
Department of the Navy	10,144.1	12,133.4	13,747.5	16,343.5	17,174.3	17,967.2	17,305.8	18,256.7	18,366.5	16,555.0	16,481.3
Operational Test and Evaluation, Director	233.5	235.7	298.2	307.5	178.9	181.9	184.7	186.2	196.9	193.1	191.1
Department of Education	102.1	101.2	100.6	102.0	121.4	121.6	124.0	119.7	137.7	133.2	155.6
Department of Energy	1,981.7	2,151.3	2,055.7	2,029.7	1,841.7	2,020.9	2,139.1	2,701.8	3,087.2	2,364.8	2,460.3
Advanced Research Projects Agency-Energy	na	0.0	172.7	3.5	35.6						
Bonneville Power Administration	8.7	8.7	9.3	2.3	1.0	2.5	2.6	0.7	1.3	1.3	1.5
Electricity Delivery and Energy Reliability	NA	NA	NA	13.9	40.1	35.2	55.4	25.5	39.9	37.2	65.0
Energy Efficiency and Renewable Energy	446.2	371.8	317.0	285.5	219.3	318.7	300.1	930.3	983.4	555.6	415.9
Environmental Management	73.5	48.6	30.0	34.8	23.8	16.3	17.1	19.3	59.0	46.3	88.9
Fossil Energy	218.3	383.5	294.9	350.4	217.5	201.7	221.0	239.7	266.6	225.8	163.1
National Nuclear Security Administration	1,229.8	1,317.0	1,399.8	1,341.4	1,338.6	1,436.5	1,540.1	1,486.2	1,497.1	1,472.1	1,664.6
Defense Programs	478.7	566.8	621.5	539.4	517.4	627.5	740.3	680.3	537.2	511.2	554.6
Fissile Materials Disposition	27.4	25.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Naval Reactors	637.0	650.0	708.6	740.5	720.4	730.3	711.8	756.4	914.3	913.2	1,062.2
Nonproliferation and Verification	86.8	75.1	68.7	61.5	100.8	78.8	88.0	49.5	45.6	47.8	47.8
Nuclear Energy	0.0	17.7	4.8	1.3	1.5	9.9	3.0	0.0	67.2	23.0	25.7
Office of Intelligence	5.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Health and Human Services	780.7	111.3	142.0	128.5	86.0	90.8	94.1	94.1	137.0	133.3	93.8
Agency for Healthcare Research and Quality	23.9	24.7	24.3	25.5	25.5	25.5	26.7	30.2	63.1	87.2	48.9
Agency for Toxic Substances and Disease Registry	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	0.0	0.0	0.0	0.0	0.0	17.1	26.9	30.9	37.2	36.1	35.7

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Health Resources and Services Administration	36.8	26.7	30.5	35.2	6.2	6.4	40.4	32.9	36.7	10.0	9.3
Office of the Secretary	2.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Public Health and Science	2.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substance Abuse and Mental Health Services Administration	717.6	57.2	87.2	67.6	54.3	41.8	0.0	0.0	0.0	0.0	0.0
Department of Homeland Security	na	NA	532.6	765.0	1,119.2	321.0	511.8	325.3	352.6	335.2	370.2
Science and Technology Directorate	na	NA	507.7	756.2	1,096.0	305.2	498.7	311.9	335.5	305.2	356.4
Transportation Security Administration	na	NA	15.0	0.0	9.1	3.8	0.0	0.0	0.0	0.0	0.0
U.S. Coast Guard	na	NA	9.9	8.8	14.2	12.1	13.0	13.4	17.1	30.1	13.8
Department of Housing and Urban Development	29.1	25.1	29.2	27.0	22.0	26.5	19.2	21.5	22.9	26.1	33.4
Department of the Interior	75.4	63.3	58.1	58.3	52.0	61.4	70.1	74.8	77.7	75.1	99.1
Bureau of Reclamation	6.8	6.1	7.1	8.3	5.7	5.5	5.8	5.5	2.4	2.3	2.3
National Park Service	8.6	3.9	2.8	0.4	0.2	0.7	1.9	2.8	1.1	0.0	0.0
U.S. Geological Survey	60.1	53.3	48.2	49.6	46.0	55.2	62.4	66.4	74.2	72.8	96.8
Department of Justice	50.0	91.6	58.2	69.9	75.0	113.7	35.9	22.5	37.9	17.7	18.1
Bureau of Prisons	5.1	5.0	5.8	8.4	9.4	8.5	7.5	7.7	7.9	8.0	8.4
Federal Bureau of Investigation	33.6	42.8	34.0	33.5	34.3	70.8	26.1	14.5	30.0	9.7	9.7
Office of Justice Programs	11.4	43.8	18.5	28.0	31.2	34.4	2.3	0.3	0.0	0.0	0.0
Department of Labor	120.9	152.8	161.9	128.4	65.1	1.6	1.5	2.2	2.4	2.6	1.7
Employment and Training Administration	119.3	151.0	161.0	127.0	63.5	0.0	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	0.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	0.7	0.8	0.9	1.3	1.6	1.6	1.5	2.2	2.4	2.6	1.7
Department of Transportation	284.6	260.4	269.1	163.8	284.0	201.7	172.0	239.2	262.2	284.2	295.7
Federal Aviation Administration	100.3	109.4	99.5	98.2	123.4	113.7	116.7	134.8	153.8	176.7	156.2
Federal Highway Administration	119.8	112.4	121.5	22.2	111.7	56.4	29.9	31.0	41.0	37.0	42.9
Federal Motor Carrier Safety Administration	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.4
Federal Railroad Administration	3.5	3.4	4.3	5.0	6.4	6.2	0.0	31.5	31.4	33.2	73.7
Federal Transit Administration	5.2	7.1	4.6	3.9	13.0	3.2	5.8	6.3	2.6	1.2	2.5
Office of the Secretary	18.4	21.0	31.8	21.0	14.8	6.5	13.5	20.5	23.5	25.3	9.8
Pipeline and Hazardous Materials Safety Administration	0.0	0.0	7.4	12.1	13.0	14.7	6.1	7.7	7.8	8.0	7.9
Research and Special Programs Administration	6.4	7.1	na	na	na	na	na	na	na	na	na
Research and Innovative Technology Administration	na	na	0.0	1.4	1.7	1.0	0.0	7.5	1.9	2.2	2.3
Transportation Security Administration	11.8	na	na	na	na	na	na	na	na	na	na
U.S. Coast Guard	15.6	na	na	na	na	na	na	na	na	na	na
Department of the Treasury	12.6	1.3	1.2	3.0	4.4	4.4	1.0	1.6	0.2	0.9	0.4
Bureau of Engraving and Printing	1.8	0.6	0.2	0.6	0.7	0.9	0.4	0.8	0.2	0.9	0.4
U.S. Customs Service	10.6	na	na	na	na	na	na	na	na	na	na
U.S. Mint	0.3	0.7	1.0	2.4	3.7	3.5	0.6	0.8	0.0	0.0	0.0
Department of Veterans Affairs	14.5	15.8	21.3	19.3	19.7	21.4	23.0	32.7	34.0	47.0	35.0

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Agency	2002	2003	2004	2005	2006	2007	2008	2009	2010	Preliminary	
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Other agencies											
Agency for International Development	22.2	23.6	23.4	40.8	40.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	91.5	105.3	125.1	116.0	116.7	83.8	81.8	84.7	87.5	85.6	85.8
Federal Communications Commission	0.0	0.0	4.4	3.7	0.4	2.1	0.0	0.1	0.0	0.0	0.0
Library of Congress	1.3	1.2	1.6	7.0	4.0	6.7	0.9	0.3	0.7	0.7	0.7
National Aeronautics and Space Administration	2,669.7	2,945.5	2,683.1	3,665.7	3,939.2	3,994.4	4,421.8	4,233.5	5,618.4	4,995.8	1,949.9

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.

<sup>a</sup> From FY 2000 through FY 2007, Department of the Air Force (AF) did not report Budget Authority (BA) 6.7 Operational Systems Development data because agency misunderstood reporting requirements. During volume 57 (FYs 2007–09) data collection cycle, AF edited prior-year data from FY 2000 to FY 2007 to include BA 6.7 Operational Systems Development data.

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. In FY 2003, Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years. 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 decrease; and (2) there was overall decrease in obligations between FY 2006 and FY 2007, which accounts for remainder of decrease. In FY 2006 NASA reclassified as operational costs funding for Space Operations, Hubble Space Telescope, Stratospheric Observatory for Infrared Astronomy, and James Webb Space Telescope previously reported as R&D plant. In FY 2010 NASA resumed reporting International Space Station obligations as R&D plant. Transportation Security Laboratory (TSL) initially existed under Transportation Security Administration (TSA) of Department of Homeland Security (DHS). In 2005, DHS reorganized, and 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.