

TABLE 103. Federal obligations for research, development, and R&D plant, by agency: FY 1996–2006

(Dollars in millions)

Agency	1996	1997	1998	1999	2000	2001	2002	2003	2004	Preliminary	
										2005	2006
All agencies	69,399.2	71,753.4	73,914.0	77,386.4	77,356.2	84,003.0	90,157.7	97,927.9	105,370.7	113,118.4	112,076.0
Departments											
Department of Agriculture	1,428.7	1,572.8	1,530.8	1,745.2	1,833.5	2,076.0	2,090.6	2,136.0	2,281.6	2,510.2	2,035.0
Agricultural Marketing Service	4.9	4.8	4.7	4.7	5.1	4.8	5.2	4.8	9.0	9.0	6.6
Agricultural Research Service	743.1	806.6	844.2	973.6	959.3	1,098.3	1,163.6	1,143.2	1,258.6	1,292.4	1,060.9
Animal and Plant Health Inspection Service	19.5	19.8	20.5	20.4	20.6	25.4	23.7	28.0	24.4	25.6	22.6
Cooperative State Research, Education, and Extension Service	418.9	496.7	387.3	463.1	535.0	615.1	546.7	568.1	585.7	749.9	525.8
Economic Research Service	53.0	53.0	71.5	62.5	64.2	65.6	67.0	68.4	70.8	74.2	80.7
Food Safety Inspection Service	*	*	0.2	0.7	2.3	2.6	0.0	0.0	0.0	0.0	0.0
Foreign Agricultural Service	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6
Forest Service	180.4	181.8	190.4	209.0	235.0	250.0	268.0	307.2	314.9	340.6	320.4
Grain Inspection, Packers, and Stockyards Administration	2.5	2.8	2.7	2.7	3.6	6.1	6.0	5.3	6.7	7.1	8.5
National Agricultural Statistics Service	3.8	3.4	3.3	3.6	3.9	4.2	4.6	5.5	6.1	6.2	6.2
Rural Business-Cooperative Service	1.4	2.5	4.4	3.5	3.1	2.4	4.2	3.8	3.8	3.7	1.7
Department of Commerce	1,152.0	1,046.5	970.0	1,009.8	1,237.1	1,021.7	1,180.5	1,267.0	1,148.6	1,171.7	985.4
Economic Development Administration	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.2	0.5	0.0
National Institute of Standards and Technology	601.0	482.1	415.7	421.8	604.7	445.7	480.5	525.1	481.6	489.9	417.2
National Oceanic and Atmospheric Administration	528.5	530.9	519.5	547.2	597.1	501.0	651.3	695.4	618.5	653.0	532.4
National Telecommunications and Information Administration	15.7	27.8	25.5	25.2	21.8	50.4	19.6	23.5	24.2	6.3	9.2
Office of the Secretary	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	6.3	5.1	8.6	15.0	13.0	24.0	28.7	22.5	24.2	22.0	26.6
Department of Defense	34,582.2	34,873.8	35,352.0	35,753.4	33,215.2	35,570.0	37,922.2	42,282.6	47,369.6	52,819.1	52,609.2
Defense agencies and activities	7,742.0	7,509.1	7,981.9	7,476.0	7,195.9	9,380.8	12,359.8	12,640.9	13,188.7	15,731.4	14,658.3
Department of the Air Force	13,066.5	13,990.6	13,865.2	14,069.5	11,060.5	10,024.6	6,907.9	8,399.8	9,640.6	9,457.5	10,707.2
Materiel Command	na	na	na	na	na	na	4,651.3	5,602.9	6,595.4	6,568.0	7,061.2
Space Command	na	na	na	na	na	na	2,256.5	2,797.0	3,045.2	2,889.5	3,646.0
Department of the Army	4,879.7	4,825.2	5,041.7	5,043.5	5,323.7	6,223.7	7,076.6	7,609.5	9,223.0	9,871.0	9,040.5
Department of the Navy	8,614.4	8,252.5	8,190.8	8,862.4	9,345.1	9,710.3	11,344.5	13,396.6	15,019.3	17,449.2	18,024.5
Operational Test and Evaluation, Director	21.9	26.6	30.3	44.7	32.9	205.3	233.5	235.7	298.2	310.0	178.6
Test and Evaluation, Deputy Under Secretary of Defense	257.7	269.7	242.0	257.3	257.0	25.3	na	na	na	na	na

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Department of Education	173.7	181.2	204.5	223.7	247.3	277.6	285.6	302.9	311.4	295.6	314.7
Department of Energy	6,050.8	6,332.8	6,600.9	6,875.9	6,873.8	7,651.4	8,072.2	8,436.0	8,560.5	9,150.5	8,290.6
Bonneville Power Administration	NA	NA	NA	NA	NA	NA	22.9	23.3	24.7	24.9	25.9
Civilian Radioactive Waste Management	NA	NA	NA	NA	NA	NA	62.5	75.8	78.9	62.7	43.7
Energy Efficiency and Renewable Energy	NA	NA	NA	NA	NA	NA	744.7	688.5	603.6	581.6	645.0
Environmental Management	NA	NA	NA	NA	NA	NA	160.3	69.4	42.8	54.2	61.4
Fossil Energy	NA	NA	NA	NA	NA	NA	373.5	643.8	532.3	1,083.2	478.9
National Nuclear Security Administration	NA	NA	NA	NA	NA	NA	3,728.3	3,923.3	4,036.3	3,927.4	3,757.6
Defense Programs	NA	NA	NA	NA	NA	NA	2,770.0	2,996.7	3,135.1	3,010.3	2,860.4
Fissile Materials Disposition	NA	NA	NA	NA	NA	NA	27.4	25.1	1.0	0.0	0.0
Naval Reactors	NA	NA	NA	NA	NA	NA	665.5	678.0	736.9	774.3	754.3
Nonproliferation and Verification	NA	NA	NA	NA	NA	NA	265.4	223.5	163.3	142.9	142.9
Nuclear Energy	NA	NA	NA	NA	NA	NA	42.5	47.1	74.3	81.8	94.1
Office of Intelligence	NA	NA	NA	NA	NA	NA	5.3	4.0	0.0	0.0	0.0
Office of Science	NA	NA	NA	NA	NA	NA	2,932.2	2,960.7	3,167.8	3,334.5	3,184.0
Department of Health and Human Services	12,084.2	13,045.3	14,187.9	16,167.6	18,645.5	21,641.9	24,259.1	27,214.8	28,563.8	29,010.0	29,087.5
Administration for Children and Families	12.6	17.4	23.5	24.9	27.3	28.4	23.3	20.9	20.1	20.6	21.0
Administration on Aging	3.7	4.4	10.4	18.5	2.8	3.7	3.7	0.0	3.0	3.0	0.0
Agency for Healthcare Research and Quality	125.2	144.0	146.5	182.3	198.8	269.7	298.7	308.7	303.7	318.7	318.7
Agency for Toxic Substances and Disease Registry	na	na	na	na	14.7	13.1	12.4	14.3	10.7	9.5	9.8
Centers for Disease Control and Prevention	296.7	323.0	343.6	433.3	505.0	544.0	521.0	564.0	539.8	485.2	485.2
Centers for Medicare and Medicaid Services	52.7	43.6	51.2	49.7	61.5	138.0	117.0	73.6	77.6	78.1	45.2
Food and Drug Administration	176.4	173.1	171.0	133.4	146.7	160.4	149.7	145.6	140.8	150.6	151.8
Health Resources and Services Administration	11.8	13.8	13.8	13.4	36.2	51.6	54.7	43.5	48.0	52.8	21.4
National Institutes of Health	11,377.9	12,237.9	13,137.5	15,005.0	17,134.8	19,771.3	22,343.5	25,964.6	27,311.8	27,783.5	27,924.6
Office of the Secretary	10.7	19.0	17.0	17.7	19.8	27.4	17.4	22.5	21.1	19.0	19.0
Office of Public Health and Science	1.7	0.6	3.1	3.8	3.1	2.5	2.5	2.6	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	9.0	18.4	13.9	13.9	16.7	24.9	14.9	19.9	21.1	19.0	19.0
Substance Abuse and Mental Health Services Administration	16.7	69.1	273.4	289.3	497.8	634.3	717.6	57.2	87.2	88.9	90.7
Department of Homeland Security	na	na	na	na	na	na	na	NA	1,063.2	1,632.1	1,628.1
Science and Technology Directorate	na	na	na	na	na	na	na	NA	908.4	1,412.0	1,418.0
Transportation Security Administration	na	na	na	na	na	na	na	NA	137.9	194.2	209.0
U.S. Coast Guard	na	na	na	na	na	na	na	NA	16.0	24.7	0.0
U.S. Secret Service	na	na	na	na	na	na	na	NA	1.0	1.1	1.1

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Department of Housing and Urban Development	33.1	33.5	28.0	57.0	45.6	52.9	45.3	39.0	46.6	47.3	41.5
Department of the Interior	569.5	587.1	533.5	642.9	581.2	622.1	634.9	600.3	612.5	600.5	568.4
Bureau of Reclamation	6.5	7.1	8.8	10.3	9.8	9.7	10.4	11.0	16.3	19.0	14.7
Geological Survey	520.1	531.2	464.1	579.1	506.1	572.6	565.0	550.2	552.2	540.5	519.2
Minerals Management Service	22.6	22.8	30.8	30.1	30.5	27.0	33.3	28.8	29.8	30.5	27.7
National Park Service	20.2	26.0	29.7	23.4	34.7	12.9	26.2	10.3	14.3	10.5	6.7
Department of Justice	77.3	84.7	100.6	118.6	80.5	103.4	99.2	148.2	105.3	112.6	129.2
Bureau of Prisons	5.2	4.6	8.1	11.0	7.8	14.1	8.7	9.7	10.8	10.5	10.5
Drug Enforcement Administration	1.2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Bureau of Investigation	33.5	35.5	35.8	36.3	10.0	19.0	33.6	42.8	34.0	33.5	34.3
Immigration and Naturalization Service	0.2	0.4	0.0	0.2	0.6	0.9	0.0	na	na	na	na
Office of Justice Programs	37.2	44.2	56.7	71.1	62.2	69.3	56.9	95.7	60.5	68.6	84.4
Department of Labor	52.4	35.1	27.8	54.1	83.7	97.4	166.4	189.1	199.4	228.7	235.1
Bureau of Labor Statistics	13.3	12.6	12.4	12.4	12.3	21.5	20.7	20.6	22.4	23.0	23.0
Employee Benefits Security Administration	2.3	2.0	2.7	2.5	2.7	3.3	2.7	2.7	2.5	2.7	2.7
Employment and Training Administration	26.9	14.1	7.2	33.8	60.9	60.9	137.1	160.0	170.0	198.0	204.0
Occupational Safety and Health Administration	6.6	5.5	4.6	3.8	5.8	5.7	3.8	3.1	3.4	3.4	3.5
Office of the Secretary	2.6	0.2	0.2	1.0	1.3	5.3	1.2	1.8	0.2	0.1	0.1
Pension Benefit Guaranty Corporation	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.9	0.9	1.4	1.8
Department of State	0.9	1.0	0.9	1.5	1.5	2.2	2.3	2.3	3.0	2.3	2.4
Department of Transportation	584.3	545.9	583.7	681.5	479.3	690.5	867.2	711.8	647.0	744.2	790.8
Federal Aviation Administration	228.9	226.3	242.3	219.6	230.5	300.6	359.6	262.6	234.2	250.2	220.1
Federal Highway Administration	247.3	211.2	229.3	333.2	126.7	240.8	258.3	305.2	323.4	335.0	441.4
Federal Motor Carrier Safety Administration	na	na	na	na	3.9	11.4	3.7	6.8	6.4	8.3	9.6
Federal Railroad Administration	30.1	19.5	22.6	20.9	27.4	26.2	34.1	33.1	29.9	36.7	30.1
Federal Transit Administration	13.7	17.0	17.6	20.5	8.9	8.0	5.8	7.1	4.6	7.6	2.3
National Highway Traffic Safety Administration	33.2	36.4	41.6	50.4	50.6	58.3	59.6	65.4	6.7	61.1	62.4
Office of the Secretary	2.8	3.5	3.4	9.1	4.0	13.0	18.4	21.0	31.8	21.0	9.0
Pipeline and Hazardous Materials Safety Administration	7.7	8.7	6.3	7.3	6.9	8.4	10.2	10.6	10.0	21.7	12.1
Research and Innovative Technology Administration	na	na	na	na	na	na	na	na	0.0	2.5	3.8
Transportation Security Administration	na	na	na	na	na	na	95.0	na	na	na	na
U.S. Coast Guard	20.5	23.3	20.7	20.5	20.3	23.8	22.4	na	na	na	na

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Agency	1996	1997	1998	1999	2000	2001	2002	2003	2004	Preliminary	
										2005	2006
Department of the Treasury	60.2	59.8	65.2	64.8	61.5	67.7	74.4	60.0	62.4	67.8	69.9
Bureau of Engraving and Printing	1.7	1.7	2.8	2.1	2.8	4.7	7.1	4.9	4.2	6.2	6.1
Internal Revenue Service	51.2	50.8	52.0	55.8	54.4	57.3	55.5	54.4	57.3	57.5	59.5
Office of Thrift Supervision	0.5	0.6	0.7	0.1	0.1	0.1	0.1	0.0	na	na	na
U.S. Customs Service	6.3	6.3	9.2	5.4	1.9	4.0	10.6	na	na	na	na
U.S. Mint	0.0	*	0.1	0.8	1.3	0.8	0.3	0.7	1.0	4.1	4.3
U.S. Secret Service	0.5	0.4	0.5	0.5	1.0	0.7	0.8	na	na	na	na
Department of Veterans Affairs	259.9	284.0	277.5	339.4	342.0	345.3	329.2	365.7	405.6	402.3	393.0
Other agencies											
Agency for International Development	223.0	206.4	212.0	203.0	218.8	267.0	269.8	286.0	264.8	256.6	256.6
Appalachian Regional Commission	0.9	0.9	0.7	0.8	0.6	0.7	0.7	0.7	0.6	0.8	0.8
Broadcasting Board of Governors	na	na	na	na	0.1	*	0.3	0.0	1.0	0.3	*
Consumer Product Safety Commission	*	0.1	0.0	0.0	0.0	0.1	0.0	0.0	na	na	na
Environmental Protection Agency	464.3	517.2	637.2	668.8	523.2	472.5	415.2	567.1	661.9	572.2	568.2
Federal Communications Commission	2.8	3.1	3.0	4.5	2.8	2.7	4.4	4.5	8.5	7.2	6.6
Federal Trade Commission	0.5	0.7	1.1	1.3	0.7	0.7	1.8	2.3	1.6	1.6	1.6
General Services Administration	0.1	*	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	*
Library of Congress	10.6	2.4	1.5	2.4	2.5	3.1	3.0	1.8	18.0	9.1	1.7
National Aeronautics and Space Administration	8,987.5	9,661.1	9,918.0	9,885.2	9,754.9	9,524.2	9,726.5	9,158.2	8,654.1	9,180.0	9,637.9
National Archives and Records Administration	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
National Science Foundation	2,375.5	2,452.3	2,473.7	2,679.6	2,942.1	3,328.7	3,500.8	3,943.8	4,166.0	4,057.3	4,170.0
Nuclear Regulatory Commission	70.9	62.1	51.7	49.0	53.0	53.0	74.3	64.0	72.1	70.8	61.4
Smithsonian Institution	132.0	134.0	123.0	93.0	101.0	101.0	109.0	107.0	110.8	117.5	131.1
Social Security Administration	11.5	13.6	17.4	53.3	28.8	28.9	22.8	36.8	30.4	50.0	59.4
Tennessee Valley Authority	6.1	8.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Arms Control and Disarmament Agency	0.7	1.2	1.2	na	na	na	na	na	na	na	na
U.S. Information Agency	0.1	0.2	0.3	0.1	na	na	na	na	na	na	na
U.S. International Trade Commission	3.2	5.7	7.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* = 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).

NOTES: Because of rounding, detail may not add to total. Data for only those agencies and subdivisions that had outlays in variables represented by this table appear in table. In FY 2000, National Aeronautics and Space Administration reclassified Space Station as a physical asset, reclassified Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant; and National Institutes of Health reclassified all of its development activities as research. In FY 2003 Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2004, 2005, and 2006.