

TABLE 98

Federal outlays for research and development, by agency: FYs 2000–10

(Dollars in millions)

Agency	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All agencies	76,897.6	82,705.3	88,297.6	100,179.3	105,174.9	117,398.5	116,867.6	121,875.1	123,059.1	126,854.2	131,387.6
Departments											
Department of Agriculture	1,551.2	1,754.3	1,919.1	1,966.3	2,048.2	2,132.1	2,185.0	2,217.6	2,254.1	2,229.4	2,308.9
Agricultural Marketing Service	4.8	4.7	5.2	4.7	8.4	9.4	6.3	6.4	3.8	4.3	4.4
Agricultural Research Service	790.4	912.3	1,039.4	1,039.0	1,098.7	1,117.3	1,134.7	1,102.8	1,148.6	1,133.7	1,199.9
Animal and Plant Health Inspection Service	20.6	25.4	23.7	28.0	24.4	24.4	25.5	26.0	28.4	24.6	25.6
Economic Research Service	63.9	66.1	69.9	70.3	65.7	74.6	72.8	90.6	77.8	79.7	86.4
Food Safety and Inspection Service	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Foreign Agricultural Service	1.4	1.4	1.4	1.6	1.6	1.5	0.9	0.6	0.4	0.4	0.4
Forest Service	232.0	250.0	277.0	305.0	326.0	325.0	341.0	335.0	338.0	336.0	363.0
Grain Inspection, Packers, and Stockyards Administration	3.6	6.1	6.0	5.3	6.7	6.7	7.1	6.7	6.6	6.5	6.3
National Agricultural Statistics Service	3.6	4.3	4.6	5.5	6.1	6.1	6.5	6.8	6.9	7.2	7.5
National Institute of Food and Agriculture	425.4	478.9	487.6	503.1	506.8	563.5	586.0	621.8	639.3	634.0	611.7
Rural Business-Cooperative Service	3.1	2.4	4.2	3.8	3.8	3.6	4.1	21.0	4.2	3.0	3.7
Department of Commerce	1,065.6	966.5	1,113.7	1,155.2	1,076.4	707.7	664.2	991.1	1,052.1	1,004.4	1,121.6
Economic Development Administration	0.6	0.6	0.4	0.5	0.2	0.5	0.2	0.8	2.2	2.9	7.3
National Institute of Standards and Technology	412.8	424.9	413.3	459.2	508.8	440.6	421.1	422.2	444.1	454.5	534.6
National Oceanic and Atmospheric Administration	597.1	501.0	651.3	652.0	519.0	240.2	215.5	540.7	580.8	510.9	525.4
National Telecommunications and Information Administration	23.0	21.0	26.0	23.5	24.2	3.5	5.3	5.3	0.3	6.9	7.0
U.S. Census Bureau	32.0	19.0	22.7	19.9	24.2	23.0	22.0	22.0	24.7	29.0	47.2
Department of Defense	38,519.1	40,528.5	41,662.9	49,614.9	52,977.5	64,311.4	63,724.3	68,557.0	68,731.4	66,775.3	67,614.8
Defense agencies and activities	5,608.5	7,285.7	10,196.9	11,741.1	11,074.2	17,056.7	13,970.6	14,686.5	15,521.3	15,598.7	15,209.7
Department of the Air Force	18,817.0	17,589.5	14,156.3	18,146.2	19,711.8	20,915.1	21,407.2	24,483.0	24,121.7	23,458.2	26,106.2
Department of the Army	4,820.1	5,796.7	6,619.8	7,092.1	6,954.2	9,847.2	10,662.1	10,360.0	11,057.1	10,048.3	9,209.6
Department of the Navy	8,983.2	9,626.1	10,494.5	12,392.4	14,932.4	16,172.3	17,422.9	18,834.4	17,851.0	17,491.6	16,905.1
Operational Test and Evaluation, Director	32.9	205.3	195.5	243.1	305.0	320.1	261.6	193.1	180.3	178.5	184.2
Test and Evaluation, Deputy Under Secretary of Defense	257.4	25.3	na	na	na	na	na	na	na	na	na
Department of Education	222.4	251.0	243.1	315.6	226.9	264.3	254.5	271.2	286.8	312.0	321.7
Department of Energy	6,067.6	6,539.1	7,010.3	7,372.7	7,475.8	7,760.2	7,432.9	7,792.8	8,108.3	8,546.3	8,986.2
Advanced Research Projects Agency—Energy	na	na	na	na	na	na	na	na	0.0	0.0	63.8
Bonneville Power Administration	NA	NA	22.9	23.3	24.0	11.3	10.7	11.1	13.7	8.1	13.1
Civilian Radioactive Waste Management	NA	NA	62.5	75.8	74.1	74.1	52.9	10.5	8.4	1.7	0.0
Electricity Delivery and Energy Reliability	na	na	na	na	na	71.8	108.3	54.4	89.4	87.1	83.0
Energy Efficiency and Renewable Energy	na	NA	734.9	682.3	583.9	569.1	430.6	646.4	729.1	712.3	915.1
Environmental Management	NA	NA	160.3	69.4	42.8	49.8	34.0	32.0	35.8	13.1	69.9
Fossil Energy	NA	NA	471.3	639.8	499.5	532.7	365.6	418.6	306.3	343.8	349.7

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Agency	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
National Nuclear Security Administration	NA	NA	3,299.4	3,448.3	3,579.4	3,624.9	3,547.6	3,589.5	3,730.5	3,488.9	3,488.8
Defense Programs	NA	NA	2,372.7	2,576.7	2,727.4	2,732.9	2,593.6	2,656.9	2,707.4	2,443.7	2,285.1
Fissile Materials Disposition	NA	NA	22.0	16.6	1.0	0.0	0.0	0.0	NA	NA	NA
Naval Nuclear Propulsion Program	NA	NA	639.3	631.5	687.8	746.6	710.7	727.8	724.1	730.1	866.1
Office of Defense Nuclear Nonproliferation	NA	NA	265.4	223.5	163.3	145.5	243.3	204.8	299.0	315.1	337.6
Nuclear Energy	NA	NA	28.2	43.0	79.3	82.8	89.0	80.9	133.1	116.0	368.1
Office of Intelligence	NA	NA	5.2	4.0	0.0	NA	NA	NA	NA	NA	NA
Office of Science	NA	NA	2,225.5	2,386.7	2,592.8	2,743.7	2,794.1	2,949.4	3,062.0	3,775.3	3,634.7
Department of Health and Human Services	18,187.1	21,002.4	23,647.8	26,499.3	27,834.6	28,432.3	28,440.6	29,009.6	29,121.0	35,144.2	34,927.8
Administration for Children and Families	25.4	26.4	21.7	19.4	18.7	38.6	13.4	11.8	19.2	13.7	6.5
Administration for Community Living	1.1	1.6	2.1	4.0	3.0	2.0	3.0	3.0	0.0	0.0	0.0
Agency for Healthcare Research and Quality	50.8	33.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agency for Toxic Substances and Disease Registry	14.7	13.1	12.4	14.3	10.7	9.5	9.0	4.2	4.3	4.5	2.8
Centers for Disease Control and Prevention	439.0	544.0	521.0	564.0	539.8	510.8	544.6	544.3	407.2	338.9	343.0
Centers for Medicare and Medicaid Services	44.4	53.0	72.9	73.6	89.0	89.0	62.4	86.0	69.8	57.4	53.9
Food and Drug Administration	141.2	149.4	119.4	149.5	127.5	136.9	138.0	124.6	132.9	159.1	188.4
Health Resources and Services Administration	35.6	51.0	54.1	439.2	47.4	52.9	23.6	23.2	61.6	56.3	66.3
National Institutes of Health	16,918.3	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	34,212.6
Office of the Secretary of Health and Human Services	18.7	15.6	16.5	21.7	21.1	24.8	26.8	24.5	21.5	20.0	54.4
Office of Public Health and Science	2.0	1.7	1.6	1.8	NA	NA	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Planning and Evaluation	16.7	13.9	14.9	19.9	21.1	24.8	26.8	24.5	21.5	20.0	54.4
Substance Abuse and Mental Health Services Administration	497.8	634.3	717.6	57.2	87.2	67.6	54.3	41.8	0.0	0.0	NA
Department of Homeland Security	na	na	na	NA	535.9	966.4	1,592.7	922.3	798.8	92.2	583.1
Science and Technology Directorate	na	na	na	NA	377.0	774.5	1,556.1	894.5	783.0	72.6	557.2
Transportation Security Administration	na	na	na	NA	137.9	180.5	12.2	3.8	0.0	0.0	NA
U.S. Coast Guard	na	na	na	NA	20.1	10.4	23.4	23.1	15.1	19.5	25.9
U.S. Secret Service	na	na	na	NA	1.0	1.0	1.0	0.8	0.7	NA	NA
Department of Housing and Urban Development	43.7	64.2	57.7	54.3	43.2	47.9	42.0	32.5	32.5	36.4	50.5
Department of the Interior	579.8	621.1	631.1	597.4	604.6	589.7	602.3	615.9	635.3	738.0	720.0
Bureau of Ocean Energy Management, Regulation and Enforcement	29.1	25.9	29.6	27.4	27.2	27.2	28.1	25.8	31.6	37.1	41.7
Bureau of Reclamation	9.8	9.7	10.4	9.5	10.9	12.7	8.8	8.5	8.9	12.7	9.7
National Park Service	34.7	12.9	26.2	10.3	14.3	3.5	3.8	7.7	8.5	14.1	7.6
U.S. Geological Survey	506.1	572.6	565.0	550.2	552.2	546.2	561.5	573.8	586.4	674.1	661.1
Department of Justice	42.8	67.4	67.7	103.2	68.7	66.1	71.4	123.9	111.9	103.4	118.6
Bureau of Prisons	6.6	12.0	8.7	9.7	9.4	12.5	12.1	12.7	10.6	10.5	10.8

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Federal Bureau of Investigation	10.0	19.0	33.6	42.8	34.0	33.5	34.3	70.8	26.1	14.5	30.0
Immigration and Naturalization Service	0.6	0.9	0.0	na	na	na	na	na	na	na	na
Office of Justice Programs	25.7	35.5	25.4	50.7	25.3	20.1	25.0	40.4	75.2	78.4	77.8
Department of Labor	82.7	95.5	164.6	176.4	198.2	162.9	94.3	58.8	83.8	71.0	11.9
Bureau of Labor Statistics	12.3	21.5	20.7	20.6	22.4	22.5	22.8	23.7	24.2	0.0	NA
Employee Benefits Security Administration	1.8	1.3	0.9	2.1	1.3	1.3	1.6	0.8	1.1	1.1	4.5
Employment and Training Administration	60.9	60.9	137.1	148.0	170.1	133.7	64.1	29.4	53.7	64.2	NA
Occupational Safety and Health Administration	5.7	5.7	3.8	3.1	3.3	3.4	3.5	2.9	3.0	3.8	4.8
Office of the Secretary of Labor	1.3	5.4	1.2	1.8	0.2	0.4	0.3	0.3	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	0.7	0.7	0.7	0.9	0.9	1.6	1.9	1.8	1.8	1.9	2.6
Department of State	0.9	1.6	1.6	1.6	2.3	2.6	3.4	3.0	3.0	3.7	2.9
Department of Transportation	436.7	510.6	681.5	584.6	554.6	396.3	866.2	755.5	606.9	525.6	760.5
Federal Aviation Administration	217.6	199.0	295.0	244.0	248.0	226.0	290.0	264.0	201.0	180.0	239.0
Federal Highway Administration	106.7	201.9	209.0	230.0	238.1	73.9	400.1	339.9	259.7	214.9	352.4
Federal Motor Carrier Safety Administration	0.4	5.5	2.0	2.9	4.3	6.6	4.2	12.7	6.6	6.9	6.9
Federal Railroad Administration	25.3	20.4	27.3	26.5	31.8	22.0	57.6	34.7	37.8	39.7	44.0
Federal Transit Administration	12.0	3.7	2.3	3.8	4.4	4.2	6.5	4.0	7.0	6.9	21.7
National Highway Traffic Safety Administration	40.5	46.7	47.1	50.7	7.0	31.7	75.0	66.0	58.7	44.3	64.6
Office of the Secretary of Transportation	7.5	7.0	11.1	15.7	11.0	28.8	15.6	16.2	15.9	19.5	20.3
Pipeline and Hazardous Materials Safety Administration	na	na	na	na	10.0	2.2	15.2	15.9	13.3	4.5	7.6
Research and Innovative Technology Administration	na	na	na	na	0.0	1.0	2.0	2.0	7.0	9.0	4.0
Research and Special Programs Administration	7.0	7.5	9.0	11.0	na	na	na	na	na	na	na
Transportation Security Administration	na	na	59.0	na	na	na	na	na	na	na	na
U.S. Coast Guard	19.8	19.0	19.7	na	na	na	na	na	na	na	na
Department of the Treasury	60.3	65.1	70.7	60.0	62.4	66.4	65.1	63.6	65.5	68.5	68.5
Bureau of Engraving and Printing	2.8	4.7	7.1	4.9	4.2	6.2	6.0	5.3	5.3	3.0	1.2
Internal Revenue Service	53.3	56.6	55.5	54.4	57.3	57.8	55.4	54.8	59.6	64.9	66.3
Office of Thrift Supervision	0.1	0.1	0.1	0.0	NA	NA	NA	NA	NA	NA	NA
U.S. Customs Service	1.8	2.2	7.1	na	na	na	na	na	na	na	na
U.S. Mint	1.3	0.8	*	0.7	1.0	2.4	3.7	3.5	0.6	0.7	1.1
U.S. Secret Service	1.0	0.7	0.8	na	na	na	na	na	na	na	na
Department of Veterans Affairs	341.7	345.0	328.8	365.4	405.2	402.0	411.6	446.1	479.6	510.0	581.0
Other agencies											
Agency for International Development	179.0	195.0	202.0	220.0	254.0	260.4	255.0	234.5	123.8	156.2	168.7
Appalachian Regional Commission	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.6	0.6	1.0	0.6
Consumer Product Safety Commission	0.0	0.1	0.0	0.0	NA	NA	NA	NA	NA	NA	NA

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Environmental Protection Agency	472.0	520.0	561.0	550.0	0.2	0.5	0.2	0.5	532.0	552.8	594.7
Federal Communications Commission	2.8	2.7	4.4	4.5	8.5	8.8	7.6	8.5	6.7	7.0	3.7
Federal Trade Commission	0.7	0.7	1.8	2.3	1.6	1.2	1.6	1.5	2.6	2.4	3.0
Library of Congress	2.2	1.8	2.8	3.0	1.2	6.3	7.4	12.0	1.4	0.8	1.2
National Aeronautics and Space Administration	6,424.0	6,444.0	6,945.0	7,124.1	7,165.5	6,959.4	6,197.4	5,918.6	5,999.6	5,739.1	7,316.0
National Archives and Records Administration	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.6	4.6	4.6
National Science Foundation	2,446.0	2,566.0	2,803.0	3,235.0	3,439.0	3,657.0	3,707.0	3,569.0	3,781.0	3,937.0	4,809.0
Nuclear Regulatory Commission	47.0	40.0	47.0	38.0	55.0	57.0	59.0	58.8	41.7	74.0	81.0
Smithsonian Institution	93.0	93.0	101.0	98.0	103.0	104.0	113.0	142.0	140.0	151.0	164.0
Social Security Administration	28.8	28.9	27.9	36.8	30.4	35.1	67.8	68.2	54.1	67.9	63.0
U.S. Agency for Global Media	0.1	*	0.3	0.0	1.2	*	0.2	NA	NA	NA	NA

* = 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 were not collected at that level for that fiscal year.

Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had outlays in variables represented by this table appear in the table. FYs 2009 and 2010 outlays include additional funding provided by the American Recovery and Reinvestment Act of 2009. See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

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