

TABLE 101. Federal obligations for research, by agency: FYs 1991–2001

(Dollars in millions)

| Agency | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| All agencies | 23,968.4 | 24,490.6 | 26,890.5 | 27,411.2 | 28,434.4 | 28,259.8 | 29,365.3 | 30,922.3 | 33,527.5 | 38,470.6 | 44,713.7 |
| Departments | | | | | | | | | | | |
| Department of Agriculture | 1,175.5 | 1,261.0 | 1,251.7 | 1,322.5 | 1,298.8 | 1,220.0 | 1,290.1 | 1,333.9 | 1,488.1 | 1,611.5 | 1,803.7 |
| Agricultural Cooperative Service | 2.8 | 3.4 | 2.9 | 3.7 | na |
| Agricultural Marketing Service | 3.7 | 4.1 | 4.1 | 4.2 | 4.2 | 4.2 | 4.2 | 4.0 | 4.0 | 4.3 | 4.1 |
| Agricultural Research Service | 550.8 | 583.2 | 574.3 | 624.4 | 628.6 | 621.2 | 625.7 | 689.7 | 778.1 | 805.1 | 904.9 |
| Economic Research Service | 54.4 | 58.9 | 58.9 | 55.2 | 53.8 | 53.0 | 53.0 | 71.5 | 62.5 | 64.2 | 65.6 |
| Food Safety Inspection Service | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 2.0 | 2.2 |
| Foreign Agricultural Service | 0.0 | 0.0 | 0.0 | 1.1 | 0.9 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| Forest Service | 170.2 | 175.8 | 177.2 | 189.8 | 187.7 | 172.3 | 165.9 | 172.3 | 169.4 | 191.8 | 203.8 |
| Grain Inspection, Packers, and Stockyards Administration | 0.7 | 1.5 | 1.8 | 1.8 | 0.3 | 0.5 | 0.6 | 0.5 | 2.7 | 0.7 | 0.0 |
| Human Nutrition Information Service | 9.9 | 10.7 | 8.4 | 7.0 | na |
| National Agricultural Statistics Service | 3.2 | 3.6 | 3.9 | 3.9 | 4.0 | 3.8 | 3.4 | 3.3 | 3.6 | 3.9 | 4.2 |
| National Institute of Food and Agriculture ^a | 376.8 | 418.2 | 418.6 | 429.0 | 417.7 | 362.4 | 433.5 | 386.4 | 462.5 | 535.0 | 615.1 |
| Office of International Cooperation and Development | 3.0 | 1.5 | 1.5 | 0.0 | na |
| Rural Business-Cooperative Service | na | na | na | 2.4 | 1.6 | 1.4 | 2.5 | 4.4 | 3.5 | 3.1 | 2.4 |
| Department of Commerce | 449.7 | 595.9 | 582.1 | 718.3 | 892.3 | 850.6 | 808.1 | 807.0 | 848.0 | 895.9 | 828.3 |
| Economic Development Administration | 1.4 | 0.5 | 0.0 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| National Institute of Standards and Technology | 124.3 | 149.4 | 172.9 | 207.3 | 372.1 | 354.8 | 331.5 | 305.4 | 309.0 | 308.6 | 336.8 |
| National Oceanic and Atmospheric Administration | 315.6 | 438.7 | 401.7 | 502.7 | 510.4 | 480.8 | 468.8 | 492.1 | 528.8 | 578.5 | 478.9 |
| National Telecommunications and Information Administration | 3.6 | 4.0 | 4.2 | 4.8 | 6.4 | 11.9 | 3.8 | 3.8 | 3.8 | 4.0 | 4.2 |
| Office of the Secretary | 0.0 | 0.0 | 0.0 | 0.0 | * | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Census Bureau | 4.8 | 3.4 | 3.3 | 2.8 | 2.9 | 2.5 | 3.4 | 5.2 | 5.9 | 4.3 | 7.9 |
| Department of Defense | 3,717.9 | 4,073.4 | 4,783.5 | 4,240.6 | 4,198.4 | 3,995.5 | 3,809.8 | 3,969.9 | 4,142.3 | 4,920.4 | 6,806.2 |
| Defense agencies and activities | 1,153.0 | 1,457.3 | 1,881.0 | 1,726.6 | 1,632.0 | 1,549.3 | 1,397.5 | 1,593.0 | 1,655.9 | 1,899.3 | 2,504.3 |
| Department of the Air Force | 830.4 | 790.5 | 887.8 | 814.3 | 834.5 | 882.3 | 816.6 | 736.9 | 764.8 | 1,096.5 | 2,190.9 |
| Department of the Army | 860.5 | 932.7 | 1,018.6 | 852.6 | 852.1 | 670.4 | 710.0 | 817.8 | 848.4 | 970.9 | 1,088.0 |
| Department of the Navy | 874.0 | 892.8 | 996.1 | 847.1 | 880.0 | 893.5 | 885.7 | 822.2 | 873.2 | 953.7 | 1,023.0 |
| Department of Education | 131.7 | 127.0 | 133.6 | 136.8 | 138.4 | 135.5 | 138.1 | 148.7 | 148.6 | 163.5 | 183.2 |
| Department of Energy | 3,273.6 | 3,412.5 | 3,440.2 | 3,282.5 | 3,459.9 | 3,362.2 | 3,567.7 | 3,787.5 | 3,919.8 | 4,100.9 | 4,593.2 |
| Department of Health and Human Services | 8,162.5 | 7,945.5 | 9,192.6 | 9,736.4 | 10,076.0 | 10,545.9 | 11,228.1 | 12,018.5 | 13,714.6 | 17,913.1 | 20,648.7 |
| Administration for Children and Families | 13.5 | 34.3 | 18.5 | 10.4 | 11.2 | 12.6 | 17.4 | 23.5 | 24.9 | 27.3 | 28.4 |
| Administration on Aging | 2.9 | 2.5 | 2.7 | 3.5 | 3.0 | 0.2 | 0.2 | 2.4 | 2.4 | 2.8 | 3.7 |
| Agency for Healthcare Research and Quality | 93.0 | 97.8 | 105.6 | 142.0 | 124.0 | 116.0 | 134.1 | 138.8 | 171.3 | 186.8 | 248.1 |
| Agency for Toxic Substances and Disease Registry | na | 14.7 | 13.1 |
| Alcohol, Drug Abuse, and Mental Health Administration | 923.0 | na |
| Ctrs. for Disease Control and Prevention | 113.4 | 146.9 | 162.5 | 206.8 | 317.4 | 296.7 | 323.0 | 343.6 | 433.3 | 505.0 | 544.0 |
| Ctrs. for Medicare and Medicaid Services | 69.1 | 75.5 | 68.2 | 80.0 | 74.5 | 52.7 | 43.6 | 51.2 | 49.7 | 61.5 | 138.0 |

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|--|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|
| Food and Drug Administration | 125.0 | 135.7 | 154.5 | 169.4 | 170.5 | 170.8 | 158.6 | 142.9 | 130.8 | 144.2 | 151.6 |
| Health Resources and Services Administration | 11.0 | 10.1 | 9.6 | 10.6 | 12.2 | 11.1 | 13.1 | 12.9 | 12.8 | 35.6 | 16.1 |
| National Institutes of Health | 6,783.0 | 7,398.7 | 8,638.5 | 9,079.7 | 9,333.6 | 9,876.9 | 10,519.7 | 11,289.2 | 12,875.5 | 16,918.3 | 19,480.7 |
| Office of the Assistant Secretary for Health | 9.6 | 6.0 | 0.0 | 0.0 | 0.0 | na | na | na | na | na | na |
| Office of the Secretary | 8.8 | 5.0 | 8.0 | 11.7 | 9.1 | 9.0 | 18.4 | 13.9 | 13.9 | 16.7 | 24.9 |
| Office of the Assistant Secretary, Planning and Evaluation | na | na | na | na | na | 9.0 | 18.4 | 13.9 | 13.9 | 16.7 | 24.9 |
| Social Security Administration | 10.2 | 33.0 | 24.5 | 22.2 | 20.4 | na | na | na | na | na | na |
| Department of Housing and Urban Development | 9.4 | 8.8 | 8.1 | 13.7 | 14.2 | 11.2 | 11.3 | 9.2 | 19.1 | 15.5 | 17.9 |
| Department of the Interior | 553.4 | 570.6 | 580.1 | 650.2 | 532.4 | 542.1 | 552.7 | 502.9 | 610.0 | 548.5 | 572.8 |
| Bureau of Land Management | 5.9 | 5.9 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bureau of Mines | 99.0 | 102.9 | 105.0 | 95.4 | 0.0 | na | na | na | na | na | na |
| Bureau of Ocean Energy Management, Regulation and Enforcement ^b | 2.7 | 3.8 | 5.8 | 20.6 | 20.0 | 21.9 | 20.6 | 29.3 | 28.8 | 29.2 | 24.5 |
| Bureau of Reclamation | 7.8 | 10.7 | 7.4 | 5.5 | 6.0 | 4.9 | 5.4 | 6.6 | 7.7 | 7.4 | 7.3 |
| National Biological Service | na | na | 0.0 | 149.0 | 138.8 | na | na | na | na | na | na |
| National Park Service | 27.5 | 31.1 | 38.1 | 24.2 | 19.7 | 20.2 | 26.0 | 29.7 | 23.4 | 34.7 | 10.0 |
| Office of Surface Mining, Reclamation, and Enforcement | 1.0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of the Secretary | 0.1 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Fish and Wildlife Service | 71.0 | 71.2 | 71.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Geological Survey | 338.4 | 344.5 | 343.9 | 355.4 | 347.9 | 495.1 | 500.7 | 437.2 | 550.2 | 477.1 | 531.1 |
| Department of Justice | 21.1 | 20.3 | 25.6 | 25.9 | 25.8 | 32.0 | 32.5 | 42.0 | 54.0 | 49.6 | 61.8 |
| Bureau of Prisons | 1.9 | 2.5 | 2.5 | 2.1 | 3.2 | 3.1 | 1.9 | 4.3 | 7.4 | 3.4 | 8.5 |
| Drug Enforcement Administration | 0.9 | 0.1 | * | 0.1 | 0.0 | * | * | 0.0 | 0.0 | 0.0 | 0.0 |
| Immigration and Naturalization Service | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of Justice Programs | 17.9 | 17.3 | 22.7 | 23.3 | 22.2 | 28.7 | 30.2 | 37.7 | 46.6 | 46.1 | 53.3 |
| Department of Labor | 24.3 | 23.8 | 19.0 | 19.6 | 29.9 | 26.7 | 21.7 | 22.1 | 27.7 | 46.1 | 57.1 |
| Bureau of Labor Statistics | 7.5 | 7.6 | 6.9 | 7.1 | 14.8 | 13.3 | 12.6 | 12.4 | 12.4 | 12.3 | 21.5 |
| Employee Benefits Security Administration | 2.5 | 2.6 | 2.6 | 2.7 | 3.6 | 2.3 | 2.0 | 2.7 | 2.5 | 2.7 | 3.3 |
| Employment and Training Administration | 6.6 | 5.6 | 3.5 | 3.1 | 4.2 | 2.6 | 1.5 | 2.2 | 8.8 | 25.0 | 25.0 |
| Occupational Safety and Health Administration | 2.6 | 3.1 | 2.5 | 3.3 | 4.4 | 6.6 | 5.5 | 4.6 | 3.8 | 5.8 | 5.7 |
| Office of the Secretary | 4.7 | 4.1 | 2.9 | 3.1 | 2.9 | 1.8 | 0.1 | 0.1 | 0.2 | 0.3 | 1.5 |
| Pension Benefit Guaranty Corp. | 0.4 | 0.8 | 0.7 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Department of State | 5.9 | 5.6 | 5.3 | 0.4 | 0.5 | 0.9 | 1.0 | 0.9 | 1.5 | 1.5 | 2.2 |
| Department of Transportation | 114.6 | 156.9 | 226.1 | 273.4 | 370.7 | 375.2 | 381.2 | 401.0 | 476.7 | 344.4 | 445.7 |
| Federal Aviation Administration | 24.0 | 30.1 | 59.8 | 79.5 | 83.3 | 130.6 | 159.4 | 151.6 | 142.3 | 164.4 | 186.1 |
| Federal Highway Administration | 46.1 | 73.2 | 91.7 | 134.2 | 203.1 | 173.9 | 149.2 | 169.6 | 247.8 | 92.9 | 158.3 |
| Federal Motor Carrier Safety Administration | na | na | na | 2.8 | 8.0 |
| Federal Railroad Administration | 13.2 | 18.9 | 20.9 | 16.1 | 22.5 | 21.3 | 18.2 | 21.2 | 20.3 | 24.2 | 23.8 |
| Federal Transit Administration | 0.0 | 0.0 | 10.9 | 7.8 | 10.9 | 5.6 | 6.0 | 7.4 | 4.8 | 0.0 | 0.0 |
| Maritime Administration | 1.7 | 1.8 | 1.7 | 1.7 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Highway Traffic Safety Administration | 21.4 | 25.8 | 31.6 | 25.3 | 39.7 | 33.2 | 36.4 | 41.6 | 50.4 | 50.6 | 58.3 |

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| Agency | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Office of the Secretary | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Research & Special Programs Administration | 1.4 | 1.4 | 0.5 | 2.6 | 3.2 | 5.6 | 6.3 | 4.6 | 6.0 | 4.5 | 5.2 |
| U.S. Coast Guard | 6.4 | 5.0 | 8.2 | 5.6 | 4.9 | 5.0 | 5.7 | 5.1 | 5.1 | 5.0 | 5.9 |
| Department of the Treasury | 24.1 | 20.8 | 11.1 | 9.2 | 48.9 | 50.5 | 50.9 | 52.6 | 50.7 | 51.2 | 63.2 |
| Bureau of Engraving and Printing | 2.7 | 1.8 | 3.2 | 1.6 | 1.3 | 1.6 | 1.6 | 2.7 | 2.0 | 2.7 | 4.7 |
| Internal Revenue Service | 17.5 | 17.5 | 6.5 | 6.1 | 45.8 | 47.5 | 47.9 | 47.9 | 48.0 | 47.4 | 56.6 |
| Office of Thrift Supervision | 3.0 | 0.8 | 0.7 | 0.5 | 0.6 | 0.5 | 0.6 | 0.7 | 0.1 | 0.1 | 0.1 |
| U.S. Customs Service | 0.5 | 0.2 | 0.1 | 0.5 | 0.7 | 0.5 | 0.4 | 0.8 | 0.0 | 0.0 | 1.0 |
| U.S. Secret Service | 0.4 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 1.0 | 0.7 |
| Department of Veterans Affairs | 193.8 | 200.9 | 207.4 | 223.5 | 218.8 | 235.3 | 231.0 | 269.1 | 332.3 | 334.6 | 338.1 |
| Other agencies | | | | | | | | | | | |
| Advisory Commission on Intergovernmental Relations | 1.7 | 1.7 | 2.1 | 1.4 | 1.4 | na | na | na | na | na | na |
| Agency for International Development | 357.4 | 300.1 | 359.2 | 216.2 | 272.7 | 205.0 | 176.7 | 172.9 | 163.8 | 189.2 | 239.2 |
| Appalachian Regional Commission | 0.7 | 1.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.7 | 0.8 | 0.6 | 0.7 |
| Broadcasting Board of Governors | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | * |
| Consumer Product Safety Commission | 0.9 | 0.8 | 0.8 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| Environmental Protection Agency | 353.1 | 404.3 | 361.5 | 402.3 | 401.6 | 380.8 | 409.1 | 477.2 | 457.0 | 410.7 | 350.7 |
| Federal Communications Commission | 1.4 | 1.6 | 1.6 | 1.7 | 2.3 | 2.8 | 3.1 | 3.0 | 4.5 | 2.8 | 2.7 |
| Federal Trade Commission | 1.0 | 1.3 | 0.9 | 0.7 | 0.6 | 0.5 | 0.7 | 1.1 | 1.3 | 0.7 | 0.7 |
| Library of Congress | 1.7 | 1.8 | 1.8 | 1.9 | 2.1 | 2.2 | 0.5 | 0.5 | 0.5 | 0.6 | 2.0 |
| National Aeronautics and Space Administration | 3,371.2 | 3,229.3 | 3,548.7 | 3,840.6 | 4,046.1 | 3,878.0 | 4,184.9 | 4,413.7 | 4,357.9 | 3,964.0 | 4,471.8 |
| National Archives and Records Administration | 0.6 | 0.6 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| National Science Foundation | 1,785.2 | 1,868.4 | 1,881.9 | 2,040.4 | 2,149.3 | 2,188.3 | 2,248.5 | 2,289.3 | 2,506.0 | 2,725.5 | 3,043.5 |
| Nuclear Regulatory Commission | 108.8 | 119.0 | 119.8 | 90.7 | 88.2 | 70.9 | 62.1 | 51.7 | 49.0 | 53.0 | 53.0 |
| Smithsonian Institution | 98.0 | 98.0 | 102.0 | 124.2 | 124.0 | 127.0 | 130.0 | 120.0 | 90.0 | 98.0 | 98.0 |
| Social Security Administration | na | na | na | na | na | 11.5 | 13.6 | 17.4 | 53.3 | 28.8 | 28.9 |
| Tennessee Valley Authority | 18.8 | 24.4 | 27.9 | 25.9 | 26.4 | 4.2 | 4.0 | 0.8 | 0.0 | 0.0 | 0.0 |
| U.S. Arms Control and Disarmament Agency | 0.4 | 2.1 | 1.5 | 1.3 | 1.1 | 0.7 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 |
| U.S. Information Agency | 0.1 | 0.0 | 1.1 | 0.6 | 0.3 | 0.1 | 0.2 | 0.3 | 0.1 | na | na |
| U.S. International Trade Commission | 9.9 | 12.3 | 12.2 | 9.4 | 12.2 | 3.2 | 5.7 | 7.2 | 9.7 | 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.

^a Cooperative State Research, Education, and Extension Service changed its name to National Institute of Food and Agriculture in FY 2008.^b Minerals Management Service changed its name to Bureau of Ocean Energy Management, Regulation and Enforcement in FY 2010.

NOTES: Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations 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; in FY 2000, National Institutes of Health reclassified all its development activities as research. 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.