

TABLE 9. Preliminary federal obligations for research and development, by agency and performer: FY 2013

(Dollars in millions)

| Agency | Total R&D | Intramural ^a | Extramural | | | | | | | | |
|------------------------------------------------------------|-----------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|-------|---------|
| | | | United States and U.S. territories | | | | | | | | Foreign |
| | | | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | | |
| All agencies | 132,435.7 | 32,677.6 | 55,175.7 | 3,647.2 | 27,394.7 | 3,350.8 | 6,316.6 | 2,614.3 | 483.9 | 774.7 | |
| Departments | | | | | | | | | | | |
| Department of Agriculture | 2,386.7 | 1,491.5 | 23.4 | 0.0 | 836.8 | 7.1 | 19.2 | 0.0 | 7.0 | 1.7 | |
| Agricultural Marketing Service | 5.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Agricultural Research Service | 1,101.3 | 1,044.9 | 0.0 | 0.0 | 47.1 | 0.0 | 7.8 | 0.0 | 0.2 | 1.4 | |
| Animal and Plant Health Inspection Service | 37.9 | 30.8 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Economic Research Service | 71.4 | 61.8 | 6.0 | 0.0 | 3.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | |
| Foreign Agricultural Service | 0.7 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | |
| Forest Service | 320.0 | 284.6 | 0.7 | 0.0 | 25.3 | 0.0 | 4.0 | 0.0 | 5.1 | 0.3 | |
| Grain Inspection, Packers, and Stockyards Administration | 6.2 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| National Agricultural Statistics Service | 7.4 | 6.7 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| National Institute of Food and Agriculture | 833.2 | 50.7 | 16.7 | 0.0 | 759.6 | 0.0 | 4.4 | 0.0 | 1.8 | 0.0 | |
| Rural Business-Cooperative Service | 3.6 | 0.6 | 0.0 | 0.0 | 0.8 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | |
| Department of Commerce | 1,127.0 | 885.6 | 50.8 | 0.0 | 173.2 | 1.0 | 10.2 | 0.0 | 5.5 | 0.7 | |
| National Institute of Standards and Technology | 528.2 | 431.8 | 49.1 | 0.0 | 40.4 | 0.0 | 6.3 | 0.0 | 0.0 | 0.7 | |
| National Oceanic and Atmospheric Administration | 472.0 | 327.0 | 1.6 | 0.0 | 132.8 | 1.0 | 3.9 | 0.0 | 5.5 | 0.0 | |
| National Telecommunications and Information Administration | 5.2 | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| U.S. Census Bureau | 121.6 | 121.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Department of Defense | 68,083.8 | 18,520.1 | 44,982.2 | 344.1 | 2,182.5 | 257.8 | 344.0 | 946.1 | 47.1 | 459.9 | |
| Defense Advanced Research Projects Agency | 2,920.6 | 232.0 | 1,914.3 | 17.5 | 576.7 | 50.9 | 92.3 | 11.0 | 0.0 | 25.9 | |
| Department of the Air Force | 24,638.9 | 1,507.1 | 22,499.1 | 138.9 | 210.6 | 24.3 | 11.1 | 224.1 | 5.5 | 18.3 | |
| Department of the Army | 8,848.4 | 4,440.2 | 3,584.0 | 7.0 | 325.6 | 6.5 | 50.3 | 430.6 | 0.0 | 4.2 | |
| Department of the Navy | 17,538.2 | 5,203.2 | 11,149.0 | 45.5 | 765.4 | 57.6 | 124.3 | 141.9 | 1.0 | 50.4 | |
| Other defense agencies | 14,137.7 | 7,137.7 | 5,835.8 | 135.2 | 304.2 | 118.5 | 66.1 | 138.5 | 40.6 | 361.2 | |
| Department of Education | 317.7 | 14.4 | 15.6 | 0.0 | 221.9 | 0.0 | 65.9 | 0.0 | 0.0 | 0.0 | |
| Department of Energy | 9,495.5 | 1,099.1 | 1,462.1 | 2,920.9 | 809.1 | 1,630.7 | 111.2 | 1,447.3 | 14.0 | 1.1 | |
| Advanced Research Projects Agency—Energy | 190.9 | * | 107.1 | 0.0 | 76.5 | 3.0 | 0.8 | 3.4 | 0.0 | 0.0 | |
| Bonneville Power Administration | 16.2 | 7.7 | 3.1 | 0.5 | 1.5 | 0.0 | 1.3 | 1.9 | 0.3 | 0.0 | |
| Electricity Delivery and Energy Reliability | 93.7 | 5.3 | 30.7 | 14.3 | 8.5 | 6.7 | 2.4 | 25.0 | 0.7 | 0.0 | |
| Energy Efficiency and Renewable Energy | 838.1 | 327.5 | 0.0 | 60.1 | 86.1 | 77.4 | 23.8 | 263.2 | 0.0 | 0.0 | |
| Environmental Management | 15.4 | * | 9.1 | 3.3 | * | 0.6 | 0.0 | 2.4 | 0.0 | 0.0 | |
| Fossil Energy | 369.0 | 114.5 | 87.3 | 23.9 | 45.7 | 14.8 | 52.3 | 17.5 | 13.1 | * | |
| National Nuclear Security Administration | 4,127.0 | 291.7 | 1,108.7 | 2,544.2 | 63.8 | 7.0 | 0.4 | 111.2 | 0.0 | 0.0 | |
| Defense Programs | 2,834.1 | 196.7 | 178.5 | 2,399.5 | 59.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Naval Reactors | 994.0 | 49.1 | 883.7 | 61.1 | 0.0 | * | 0.0 | 0.1 | 0.0 | 0.0 | |
| Nonproliferation and Verification | 298.9 | 45.9 | 46.5 | 83.6 | 4.4 | 7.0 | 0.4 | 111.1 | 0.0 | 0.0 | |

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|------------------------------------------------------------|-----------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|---------|
| | | | United States and U.S. territories | | | | | | | |
| | | | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | Foreign |
| Nuclear Energy | 111.8 | * | 3.9 | 69.5 | * | 1.4 | 0.0 | 37.0 | 0.0 | 0.0 |
| Office of Science | 3,733.4 | 352.5 | 112.1 | 205.1 | 527.0 | 1,519.6 | 30.2 | 985.7 | 0.0 | 1.1 |
| Department of Health and Human Services | 31,292.2 | 6,513.3 | 1,520.0 | 315.8 | 17,697.9 | 40.0 | 4,751.5 | 21.7 | 188.2 | 243.9 |
| Administration for Children and Families | 8.6 | 0.3 | 0.0 | 0.0 | 8.1 | 0.0 | 0.3 | 0.0 | 0.0 | * |
| Agency for Healthcare Research and Quality | 334.4 | 79.2 | 120.8 | 0.0 | 98.8 | 0.0 | 35.1 | 0.0 | 0.0 | 0.5 |
| Agency for Toxic Substances and Disease Registry | 1.8 | 0.8 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ctrs. for Disease Control and Prevention | 418.4 | 128.8 | 100.4 | 0.0 | 98.5 | 1.8 | 11.9 | 0.0 | 61.0 | 16.0 |
| Ctrs. for Medicare and Medicaid Services | 20.1 | * | 18.8 | 0.0 | 0.7 | 0.0 | 0.5 | 0.0 | * | 0.0 |
| Food and Drug Administration | 357.4 | 240.6 | 4.4 | 0.0 | 50.7 | 0.0 | 18.7 | 0.0 | 39.0 | 4.1 |
| Health Resources and Services Administration | 35.9 | 3.7 | 0.0 | 0.0 | 16.7 | 0.0 | 14.5 | 0.0 | 1.0 | 0.0 |
| National Institutes of Health | 30,097.1 | 6,055.4 | 1,270.9 | 315.8 | 17,420.4 | 38.2 | 4,664.3 | 21.7 | 87.2 | 223.3 |
| Office of the Secretary | 18.6 | 4.5 | 4.8 | 0.0 | 3.0 | 0.0 | 6.3 | 0.0 | 0.0 | 0.0 |
| Office of the Assistant Secretary, Planning and Evaluation | 18.6 | 4.5 | 4.8 | 0.0 | 3.0 | 0.0 | 6.3 | 0.0 | 0.0 | 0.0 |
| Department of Homeland Security | 632.8 | 274.3 | 134.5 | 4.0 | 73.6 | 0.0 | 27.9 | 117.2 | 0.0 | 1.3 |
| Science and Technology Directorate | 603.9 | 245.5 | 134.5 | 4.0 | 73.6 | 0.0 | 27.9 | 117.2 | 0.0 | 1.3 |
| U.S. Coast Guard | 28.8 | 28.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Housing and Urban Development | 73.0 | 35.7 | 24.3 | 0.0 | 4.4 | 0.0 | 8.7 | 0.0 | 0.0 | 0.0 |
| Department of the Interior | 748.1 | 647.9 | 19.6 | 10.0 | 56.2 | 0.0 | 6.4 | 0.0 | 7.8 | 0.3 |
| Bureau of Ocean Energy Management | 34.3 | 16.2 | 8.8 | 0.0 | 7.5 | 0.0 | 0.1 | 0.0 | 1.7 | 0.0 |
| Bureau of Reclamation | 10.1 | 3.2 | 2.5 | 0.0 | 0.8 | 0.0 | 3.4 | 0.0 | 0.1 | 0.0 |
| Bureau of Safety and Environmental Enforcement | 21.2 | 2.2 | 7.6 | 10.0 | 0.6 | 0.0 | 0.6 | 0.0 | 0.0 | 0.2 |
| U.S. Geological Survey | 682.6 | 626.3 | 0.6 | * | 47.2 | 0.0 | 2.4 | 0.0 | 6.0 | 0.1 |
| Department of Justice | 82.4 | 16.2 | 14.4 | 0.0 | 29.9 | 0.5 | 14.6 | 0.0 | 6.9 | 0.0 |
| Bureau of Prisons | 8.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.6 | 0.0 |
| Federal Bureau of Investigation | 13.2 | 13.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of Justice Programs | 61.2 | 0.5 | 14.4 | 0.0 | 29.9 | 0.5 | 14.6 | 0.0 | 1.3 | 0.0 |
| Department of Labor | 14.2 | 6.7 | 7.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Employee Benefits Security Administration | 6.5 | 1.5 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Occupational Safety and Health Administration | 5.1 | 4.7 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Pension Benefit Guaranty Corp. | 2.6 | 0.6 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of State | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Transportation | 984.1 | 275.2 | 314.8 | 41.7 | 69.1 | 1.3 | 62.8 | 42.3 | 176.9 | 0.0 |
| Federal Aviation Administration | 339.3 | 118.4 | 152.4 | 0.0 | 21.4 | 0.0 | 7.1 | 40.0 | 0.0 | 0.0 |
| Federal Highway Administration | 446.8 | 75.3 | 124.7 | 0.0 | 33.1 | 0.0 | 47.3 | 2.3 | 164.1 | 0.0 |
| Federal Motor Carrier Safety Administration | 6.5 | 1.0 | 1.3 | 0.0 | 3.6 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 |
| Federal Railroad Administration | 45.8 | 19.7 | 23.2 | 0.0 | 2.2 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 |

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|--------------------------------------------------------|-----------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|---------|
| | | | United States and U.S. territories | | | | | | | |
| | | | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | Foreign |
| Federal Transit Administration | 32.1 | 2.0 | 9.1 | 0.0 | 8.3 | 0.0 | 0.0 | 0.0 | 12.8 | 0.0 |
| National Highway Traffic Safety Administration | 71.9 | 28.9 | 0.0 | 41.7 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of the Secretary | 16.6 | 15.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Pipeline and Hazardous Materials Safety Administration | 17.9 | 7.2 | 3.1 | 0.0 | 0.6 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 |
| Research and Innovative Technology Administration | 7.1 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Treasury | 75.5 | 71.8 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bureau of Engraving and Printing | 9.4 | 9.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Internal Revenue Service | 64.8 | 62.4 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Mint | 1.3 | 0.1 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Veterans Affairs | 592.7 | 592.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other agencies | | | | | | | | | | |
| Agency for International Development | 79.0 | 2.4 | 3.5 | 0.0 | 31.7 | 0.0 | 31.5 | 0.0 | 0.0 | 9.8 |
| Appalachian Regional Commission | 0.8 | * | 0.0 | 0.0 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| Consumer Product Safety Commission | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Protection Agency | 525.3 | 240.1 | 210.3 | 0.0 | 74.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| Federal Communications Commission | 4.8 | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Trade Commission | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Library of Congress | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Aeronautics and Space Administration | 10,353.6 | 1,637.6 | 6,070.6 | 1.0 | 966.0 | 1,210.5 | 410.7 | 26.1 | 4.8 | 26.2 |
| National Archives and Records Administration | 1.1 | 0.9 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Science Foundation | 5,242.1 | 89.3 | 287.5 | 0.0 | 4,162.4 | 199.4 | 442.7 | 6.7 | 25.7 | 28.4 |
| Nuclear Regulatory Commission | 57.5 | 30.6 | 5.2 | 9.8 | 1.6 | 2.5 | 0.4 | 6.8 | 0.0 | 0.7 |
| Smithsonian Institution | 201.9 | 201.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Social Security Administration | 57.9 | 19.6 | 25.8 | 0.0 | 3.9 | 0.0 | 8.6 | 0.0 | 0.0 | 0.0 |

* = amount greater than \$0 but less than \$50,000.

FFRDC = federally funded research and development center.

^a Intramural activities cover costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.

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 the table. See appendix C for additional notes associated with the agencies listed in this table.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2012–14.