

TABLE 46. Preliminary federal obligations for applied research, by agency and performer: FY 2015
(Dollars in thousands)

| Agency | Total | Intramural ^a | Extramural | | | | | | | Foreign |
|--|--------------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|-----------|
| | | | United States and U.S. territories | | | | | | | |
| | | | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | |
| All agencies | 31,139,525.9 | 8,555,450.7 | 5,422,097.6 | 2,744,279.2 | 10,402,241.4 | 423,632.6 | 2,564,659.2 | 550,469.8 | 274,798.7 | 201,896.8 |
| Departments | | | | | | | | | | |
| Department of Agriculture | 1,170,648.6 | 677,404.6 | 23,266.2 | 0.0 | 452,347.7 | 0.0 | 11,261.4 | 0.0 | 5,476.8 | 892.0 |
| Agricultural Marketing Service | 4,309.8 | 4,309.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agricultural Research Service | 441,761.2 | 413,191.4 | 0.0 | 0.0 | 24,244.3 | 0.0 | 3,387.8 | 0.0 | 173.7 | 764.0 |
| Economic Research Service | 76,446.0 | 66,196.0 | 3,700.0 | 0.0 | 5,000.0 | 0.0 | 1,500.0 | 0.0 | 0.0 | 50.0 |
| Foreign Agricultural Service | 499.9 | 108.2 | 0.0 | 0.0 | 284.7 | 0.0 | 19.8 | 0.0 | 87.3 | 0.0 |
| Forest Service | 179,616.2 | 153,238.6 | 268.4 | 0.0 | 18,444.8 | 0.0 | 3,247.3 | 0.0 | 4,339.1 | 78.0 |
| Grain Inspection, Packers and Stockyards Administration | 7,347.1 | 7,347.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Agricultural Statistics Service | 4,020.0 | 2,620.0 | 0.0 | 0.0 | 1,400.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Institute of Food and Agriculture | 453,411.4 | 29,793.5 | 19,297.8 | 0.0 | 402,423.9 | 0.0 | 1,019.6 | 0.0 | 876.7 | 0.0 |
| Rural Business-Cooperative Service | 3,237.0 | 600.0 | 0.0 | 0.0 | 550.0 | 0.0 | 2,087.0 | 0.0 | 0.0 | 0.0 |
| Department of Commerce | 1,024,401.5 | 773,104.7 | 58,861.2 | 0.0 | 178,975.0 | 1,218.2 | 10,249.5 | 0.0 | 1,914.1 | 78.8 |
| National Institute of Standards and Technology | 386,474.8 | 313,920.0 | 37,886.0 | 0.0 | 28,633.4 | 0.0 | 5,956.6 | 0.0 | 0.0 | 78.8 |
| National Oceanic and Atmospheric Administration | 468,097.0 | 289,355.0 | 20,975.1 | 0.0 | 150,341.6 | 1,218.2 | 4,292.9 | 0.0 | 1,914.1 | 0.0 |
| National Telecommunications and Information Administration | 8,911.5 | 8,911.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Census Bureau | 160,918.2 | 160,918.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Defense | 4,464,315.6 | 1,669,854.7 | 1,961,192.3 | 36,985.1 | 547,474.7 | 88,042.6 | 100,705.0 | 30,726.4 | 921.6 | 28,413.3 |
| Defense Advanced Research Projects Agency | 1,140,254.0 | 69,280.9 | 718,922.6 | 7,646.1 | 254,971.3 | 17,663.0 | 54,804.4 | 9,698.7 | 0.0 | 7,266.9 |
| Department of the Air Force | 1,087,709.0 | 548,087.1 | 472,383.1 | 3,015.9 | 48,887.6 | 40.1 | 13,446.9 | 703.9 | 199.6 | 944.9 |
| Department of the Army | 877,189.8 | 477,769.5 | 316,878.0 | 100.0 | 73,867.3 | 3,745.0 | 2,276.1 | 2,219.0 | 0.0 | 335.1 |
| Department of the Navy | 820,209.0 | 329,218.2 | 277,428.2 | 8,987.6 | 149,544.9 | 14,695.7 | 25,638.2 | 6,379.8 | 722.0 | 7,594.4 |
| Other defense agencies | 538,953.8 | 245,498.9 | 175,580.5 | 17,235.5 | 20,203.7 | 51,898.8 | 4,539.5 | 11,724.9 | 0.0 | 12,272.1 |
| Department of Education | 205,425.7 | 9,459.5 | 1,416.1 | 0.0 | 162,132.7 | 0.0 | 32,417.4 | 0.0 | 0.0 | 0.0 |
| Department of Energy | 3,969,661.1 | 358,516.0 | 332,159.5 | 2,440,425.3 | 156,816.1 | 187,620.2 | 18,787.6 | 470,841.1 | 4,495.2 | 0.0 |
| Advanced Research Projects Agency—Energy | 127,000.0 | * | 44,000.0 | 0.0 | 42,000.0 | 41,000.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bonneville Power Administration | 5,713.0 | 4,350.0 | 1,000.0 | 0.0 | 213.0 | 0.0 | 0.0 | 150.0 | 0.0 | 0.0 |
| Electricity Delivery and Energy Reliability | 57,600.0 | 2,844.0 | 14,431.4 | 11,473.1 | 2,983.2 | 6,752.5 | 1,953.3 | 16,834.5 | 328.0 | 0.0 |
| Energy Efficiency and Renewable Energy | 635,951.0 | 49,459.9 | 29,425.8 | 98,356.2 | 11,770.3 | 103,466.2 | 0.0 | 343,472.6 | 0.0 | 0.0 |
| Environmental Management | 5,282.3 | 66.0 | 82.5 | 2,056.6 | 0.0 | 363.0 | 0.0 | 2,714.3 | 0.0 | 0.0 |
| Fossil Energy | 118,598.6 | 36,534.7 | 24,178.2 | 17,488.6 | 13,234.6 | 2,737.1 | 16,699.3 | 3,558.8 | 4,167.2 | 0.0 |
| National Nuclear Security Administration | 2,693,689.6 | 265,260.4 | 152,377.0 | 2,177,640.8 | 64,650.0 | 2,212.5 | 135.0 | 31,414.0 | 0.0 | 0.0 |
| Defense Programs | 2,559,593.8 | 260,134.0 | 121,336.0 | 2,114,623.8 | 63,500.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nonproliferation and Verification | 134,095.8 | 5,126.4 | 31,041.0 | 63,016.9 | 1,150.0 | 2,212.5 | 135.0 | 31,414.0 | 0.0 | 0.0 |
| Nuclear Energy | 325,826.6 | 1.0 | 66,664.6 | 133,410.0 | 21,965.0 | 31,089.0 | 0.0 | 72,697.0 | 0.0 | 0.0 |

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(Dollars in thousands)

| Agency | Total | 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 | | |
| Department of Health and Human Services | 14,552,638.0 | 3,076,877.4 | 784,297.9 | 190,090.0 | 8,075,709.5 | 18,335.5 | 2,159,779.6 | 8,750.2 | 99,823.6 | 138,974.4 | |
| Administration for Children and Families | 2,375.0 | 325.0 | 0.0 | 0.0 | 1,000.0 | 0.0 | 1,050.0 | 0.0 | 0.0 | 0.0 | |
| Agency for Healthcare Research and Quality | 295,882.1 | 47,168.6 | 124,389.3 | 0.0 | 94,607.0 | 0.0 | 29,629.2 | 0.0 | 88.1 | 0.0 | |
| Agency for Toxic Substances and Disease Registry | 50.0 | 50.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Ctrs. for Disease Control and Prevention | 253,445.3 | 73,639.3 | 18,658.5 | 0.0 | 96,812.9 | 1,800.0 | 9,472.2 | 0.0 | 31,980.7 | 21,081.7 | |
| Ctrs. for Medicare and Medicaid Services | 15,967.3 | 40.0 | 14,948.9 | 0.0 | 963.4 | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | |
| Food and Drug Administration | 359,193.7 | 248,414.4 | 9,572.3 | 0.0 | 46,339.1 | 0.0 | 19,648.7 | 0.0 | 30,838.6 | 4,380.7 | |
| Health Resources and Services Administration | 24,719.7 | 1,670.3 | 0.0 | 0.0 | 15,122.2 | 0.0 | 7,927.1 | 0.0 | 0.0 | 0.0 | |
| National Institutes of Health | 13,583,005.0 | 2,700,969.8 | 612,429.0 | 190,090.0 | 7,817,864.9 | 16,535.5 | 2,085,937.4 | 8,750.2 | 36,916.2 | 113,512.0 | |
| Office of the Secretary | 18,000.0 | 4,600.0 | 4,300.0 | 0.0 | 3,000.0 | 0.0 | 6,100.0 | 0.0 | 0.0 | 0.0 | |
| Office of the Assistant Secretary, Planning and Evaluation | 18,000.0 | 4,600.0 | 4,300.0 | 0.0 | 3,000.0 | 0.0 | 6,100.0 | 0.0 | 0.0 | 0.0 | |
| Department of Homeland Security | 177,327.0 | 48,118.1 | 39,371.0 | 17,738.4 | 42,466.6 | 4,748.7 | 7,030.5 | 17,853.8 | 0.0 | 0.0 | |
| Science and Technology Directorate | 172,198.0 | 47,618.1 | 34,792.0 | 17,738.4 | 42,416.6 | 4,748.7 | 7,030.5 | 17,853.8 | 0.0 | 0.0 | |
| U.S. Coast Guard | 5,129.0 | 500.0 | 4,579.0 | 0.0 | 50.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Department of Housing and Urban Development | 51,529.9 | 29,615.1 | 14,002.2 | 0.0 | 768.2 | 0.0 | 7,144.3 | 0.0 | 0.0 | 0.0 | |
| Department of the Interior | 605,206.2 | 526,311.9 | 34,395.2 | 0.0 | 35,392.1 | 0.0 | 4,987.6 | 0.0 | 4,119.3 | 0.0 | |
| Bureau of Ocean Energy Management | 49,703.0 | 28,047.2 | 13,118.1 | 0.0 | 7,980.1 | 0.0 | 47.0 | 0.0 | 510.7 | 0.0 | |
| Bureau of Reclamation | 9,949.0 | 3,184.0 | 2,487.0 | 0.0 | 796.0 | 0.0 | 3,383.0 | 0.0 | 99.0 | 0.0 | |
| Bureau of Safety and Environmental Enforcement | 23,539.2 | 4,432.2 | 18,507.0 | 0.0 | 200.0 | 0.0 | 400.0 | 0.0 | 0.0 | 0.0 | |
| U.S. Geological Survey | 522,015.0 | 490,648.6 | 283.1 | 0.0 | 26,416.0 | 0.0 | 1,157.6 | 0.0 | 3,509.7 | 0.0 | |
| Department of Justice | 59,474.2 | 6,278.9 | 10,337.6 | 0.0 | 27,452.0 | 0.0 | 12,936.1 | 0.0 | 2,469.6 | 0.0 | |
| Bureau of Prisons | 1,976.0 | 976.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,000.0 | 0.0 | |
| Federal Bureau of Investigation | 3,813.0 | 3,813.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Office of Justice Programs | 53,685.2 | 1,489.9 | 10,337.6 | 0.0 | 27,452.0 | 0.0 | 12,936.1 | 0.0 | 1,469.6 | 0.0 | |
| Department of Labor | 10,831.6 | 5,831.6 | 5,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Employee Benefits Security Administration | 6,470.6 | 1,470.6 | 5,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Occupational Safety and Health Administration | 4,001.0 | 4,001.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Pension Benefit Guaranty Corp. | 360.0 | 360.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Department of State | 1,444.2 | 1,444.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Department of Transportation | 771,208.8 | 193,539.8 | 267,659.0 | 41,707.0 | 61,025.3 | 3,178.0 | 43,924.7 | 5,443.7 | 154,331.3 | 400.0 | |
| Federal Aviation Administration | 235,861.7 | 90,309.7 | 116,528.9 | 0.0 | 19,666.1 | 0.0 | 5,134.4 | 4,222.6 | 0.0 | 0.0 | |
| Federal Highway Administration | 354,490.7 | 55,176.1 | 102,066.2 | 0.0 | 17,291.3 | 0.0 | 37,835.7 | 1,221.1 | 140,900.3 | 0.0 | |
| Federal Motor Carrier Safety Administration | 8,686.5 | 1,806.2 | 0.0 | 0.0 | 6,694.8 | 0.0 | 185.6 | 0.0 | 0.0 | 0.0 | |
| Federal Railroad Administration | 38,969.9 | 8,183.7 | 21,043.7 | 0.0 | 8,573.4 | 0.0 | 769.1 | 0.0 | 0.0 | 400.0 | |
| Federal Transit Administration | 46,314.0 | 1,820.2 | 22,263.1 | 0.0 | 8,799.7 | 0.0 | 0.0 | 0.0 | 13,431.1 | 0.0 | |
| National Highway Traffic Safety Administration | 75,058.0 | 30,173.0 | 0.0 | 41,707.0 | 0.0 | 3,178.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

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|--|-------------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|----------|----------|
| | | | 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 | | |
| Pipeline and Hazardous Materials Safety Administration | 7,415.0 | 1,658.0 | 5,757.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Research and Innovative Technology Administration | 4,413.0 | 4,413.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Treasury | 73,008.0 | 71,881.6 | 1,126.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bureau of Engraving and Printing | 8,659.9 | 8,659.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Internal Revenue Service | 64,128.1 | 63,201.7 | 926.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Mint | 220.0 | 20.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Veterans Affairs | 318,154.9 | 318,154.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other agencies | | | | | | | | | | | |
| Agency for International Development | 121,214.5 | 2,813.0 | 17,693.3 | 0.0 | 31,056.1 | 0.0 | 50,091.6 | 0.0 | 0.0 | 0.0 | 19,560.5 |
| Appalachian Regional Commission | 760.0 | * | 0.0 | 0.0 | 310.0 | 0.0 | 450.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Consumer Product Safety Commission | 2,000.0 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Protection Agency | 454,486.1 | 221,681.2 | 159,206.8 | 0.0 | 73,598.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Communications Commission | 4,625.2 | 4,625.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Trade Commission | 2,171.0 | 2,171.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Library of Congress | 683.6 | 683.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Aeronautics and Space Administration | 2,326,113.4 | 503,711.1 | 1,528,154.9 | 27.5 | 120,638.8 | 117,835.2 | 39,979.9 | 5,185.6 | 420.1 | 10,160.4 | |
| National Archives and Records Administration | 938.7 | 770.1 | 0.0 | 0.0 | 168.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| National Science Foundation | 624,658.0 | 545.4 | 141,210.1 | 0.0 | 427,447.0 | 210.2 | 53,863.9 | 0.0 | 827.0 | 554.5 | |
| Nuclear Regulatory Commission | 82,845.2 | 37,485.2 | 8,207.0 | 17,306.0 | 2,163.0 | 2,444.0 | 708.0 | 11,669.0 | 0.0 | 2,863.0 | |
| Social Security Administration | 63,755.0 | 12,572.0 | 34,541.0 | 0.0 | 6,300.0 | 0.0 | 10,342.0 | 0.0 | 0.0 | 0.0 | |

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

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 2013–15.