

TABLE 46. Preliminary federal obligations for applied research, by agency and performer: FY 2013

(Dollars in thousands)

| Agency | Extramural | | | | | | | | | |
|--|------------------------------------|-------------------------|-------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|-----------|
| | United States and U.S. territories | | | | | | | | | |
| | Total | Intramural ^a | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | Foreign |
| All agencies | 29,903,452.0 | 8,294,888.9 | 4,611,635.9 | 2,716,692.8 | 10,574,352.8 | 209,268.2 | 2,690,085.6 | 418,360.0 | 218,583.8 | 169,584.1 |
| Departments | | | | | | | | | | |
| Department of Agriculture | 1,128,859.0 | 659,387.7 | 23,465.5 | 0.0 | 422,788.7 | 0.0 | 14,807.9 | 0.0 | 7,702.6 | 706.6 |
| Agricultural Marketing Service | 2,643.3 | 2,643.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agricultural Research Service | 441,026.0 | 410,880.0 | 0.0 | 0.0 | 26,087.2 | 0.0 | 3,511.4 | 0.0 | 70.9 | 476.5 |
| Economic Research Service | 70,397.0 | 61,931.0 | 4,500.0 | 0.0 | 2,966.0 | 0.0 | 1,000.0 | 0.0 | 0.0 | 0.0 |
| Foreign Agricultural Service | 441.9 | 167.7 | 0.0 | 0.0 | 232.3 | 0.0 | 41.9 | 0.0 | 0.0 | 0.0 |
| Forest Service | 181,211.8 | 148,072.7 | 1,087.5 | 0.0 | 22,749.2 | 0.0 | 2,874.5 | 0.0 | 6,197.7 | 230.1 |
| National Agricultural Statistics Service | 4,100.0 | 3,460.0 | 0.0 | 0.0 | 420.0 | 0.0 | 220.0 | 0.0 | 0.0 | 0.0 |
| National Institute of Food and Agriculture | 425,789.0 | 31,233.0 | 17,878.0 | 0.0 | 370,334.0 | 0.0 | 4,910.0 | 0.0 | 1,434.0 | 0.0 |
| Rural Business-Cooperative Service | 3,250.0 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,250.0 | 0.0 | 0.0 | 0.0 |
| Department of Commerce | 1,238,503.5 | 786,243.5 | 247,273.3 | 0.0 | 191,641.1 | 211.8 | 8,833.0 | 0.0 | 3,680.6 | 620.1 |
| National Institute of Standards and Technology | 650,866.6 | 307,607.1 | 246,656.5 | 0.0 | 87,368.4 | 0.0 | 8,718.4 | 0.0 | 0.0 | 516.2 |
| National Oceanic and Atmospheric Administration | 451,523.0 | 342,522.6 | 616.8 | 0.0 | 104,272.7 | 211.8 | 114.6 | 0.0 | 3,680.6 | 103.9 |
| National Telecommunications and Information Administration | 6,682.2 | 6,682.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Census Bureau | 129,431.6 | 129,431.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Defense | 4,676,977.0 | 1,877,624.1 | 1,999,899.6 | 37,315.5 | 553,856.8 | 59,313.2 | 97,828.5 | 19,894.0 | 1,170.6 | 30,074.9 |
| Defense Advanced Research Projects Agency | 1,179,066.0 | 76,672.5 | 720,055.8 | 7,275.3 | 293,446.0 | 16,495.0 | 53,066.3 | 4,609.6 | 0.0 | 7,445.5 |
| Department of the Air Force | 1,334,347.7 | 738,969.8 | 519,983.7 | 1,695.0 | 63,701.4 | 771.9 | 3,296.1 | 3,425.1 | 639.4 | 1,865.3 |
| Department of the Army | 867,639.6 | 512,244.9 | 307,445.0 | 2,330.0 | 37,291.8 | 4,427.0 | 1,801.9 | 1,839.0 | 0.0 | 260.0 |
| Department of the Navy | 790,966.2 | 276,746.6 | 342,305.7 | 7,556.2 | 125,452.6 | 8,938.7 | 19,281.4 | 4,415.4 | 531.2 | 5,738.4 |
| Other defense agencies ^b | 504,957.6 | 272,990.2 | 110,109.4 | 18,458.9 | 33,965.0 | 28,680.6 | 20,382.8 | 5,605.0 | 0.0 | 14,765.6 |
| Department of Education | 223,395.4 | 11,382.4 | 5,766.9 | 0.0 | 160,122.3 | 0.0 | 46,123.8 | 0.0 | 0.0 | 0.0 |
| Department of Energy | 3,914,772.9 | 570,129.4 | 281,376.7 | 2,337,147.8 | 220,482.6 | 106,240.5 | 47,506.3 | 347,621.9 | 4,267.7 | 0.0 |
| Advanced Research Projects Agency—Energy | 141,620.0 | 18,250.0 | 60,330.5 | 2,038.2 | 46,611.0 | 4,167.9 | 5,218.3 | 5,004.2 | 0.0 | 0.0 |
| Bonneville Power Administration | 4,852.0 | 730.0 | 3,222.0 | 0.0 | 225.0 | 0.0 | 675.0 | 0.0 | 0.0 | 0.0 |
| Electricity Delivery and Energy Reliability | 49,619.7 | 3,191.9 | 7,924.2 | 9,769.5 | 4,707.5 | 4,086.2 | 2,243.3 | 17,697.0 | 0.0 | 0.0 |
| Energy Efficiency and Renewable Energy | 739,014.0 | 288,754.4 | 0.0 | 72,995.5 | 75,935.0 | 68,290.3 | 20,997.8 | 212,041.0 | 0.0 | 0.0 |
| Environmental Management | 6,600.0 | 1.0 | 491.0 | 3,184.7 | 0.0 | 495.0 | 0.0 | 2,428.3 | 0.0 | 0.0 |
| Fossil Energy | 121,457.8 | 37,415.5 | 24,761.1 | 17,910.3 | 13,553.7 | 2,803.0 | 17,101.9 | 3,644.6 | 4,267.7 | 0.0 |
| National Nuclear Security Administration | 2,545,691.4 | 220,286.6 | 101,089.9 | 2,127,586.7 | 60,872.3 | 2,206.1 | 1,270.0 | 32,379.7 | 0.0 | 0.0 |
| Defense Programs | 2,317,513.0 | 217,904.0 | 72,004.0 | 1,967,355.0 | 60,250.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nonproliferation and Verification | 228,178.4 | 2,382.6 | 29,085.9 | 160,231.7 | 622.3 | 2,206.1 | 1,270.0 | 32,379.7 | 0.0 | 0.0 |
| Nuclear Energy | 305,918.0 | 1,500.0 | 83,558.0 | 103,663.0 | 18,578.0 | 24,192.0 | 0.0 | 74,427.0 | 0.0 | 0.0 |
| Department of Health and Human Services | 14,766,783.9 | 2,774,742.6 | 905,828.3 | 217,678.4 | 8,392,115.7 | 24,040.0 | 2,260,914.5 | 10,774.1 | 58,272.8 | 122,417.6 |
| Administration for Children and Families | 10,010.5 | 285.6 | 0.0 | 0.0 | 9,355.7 | 0.0 | 369.2 | 0.0 | 0.0 | * |

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|---|------------------------------------|-------------------------|-----------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|---------|
| | United States and U.S. territories | | | | | | | | | |
| | Total | Intramural ^a | Industry | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments | Foreign |
| Department of the Treasury | 77,751.0 | 75,635.0 | 2,116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bureau of Engraving and Printing | 8,842.4 | 8,842.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Internal Revenue Service | 68,908.7 | 66,792.6 | 2,116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Veterans Affairs | 314,141.1 | 314,141.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other agencies | | | | | | | | | | |
| Agency for International Development | 124,010.8 | 4,889.9 | 15,690.3 | 0.0 | 23,333.1 | 0.0 | 72,622.3 | 0.0 | 0.0 | 7,475.3 |
| Appalachian Regional Commission | 390.0 | * | 190.0 | 0.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Protection Agency | 401,329.8 | 208,261.6 | 127,583.1 | 0.0 | 64,646.4 | 0.0 | 0.0 | 0.0 | 0.0 | 838.7 |
| Federal Communications Commission | 4,760.3 | 4,760.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Trade Commission | 1,942.0 | 1,942.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Library of Congress | 621.5 | 621.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Aeronautics and Space Administration | 834,360.0 | 175,977.7 | 561,955.9 | 0.0 | 59,799.2 | 8,836.7 | 21,757.8 | 5,414.4 | 231.5 | 386.7 |
| National Archives and Records Administration | 1,988.5 | 1,254.8 | 0.0 | 0.0 | 733.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Science Foundation | 458,040.0 | 1,673.8 | 100,639.4 | 0.0 | 305,785.0 | 201.4 | 44,816.8 | 164.4 | 2,061.4 | 2,697.8 |
| Nuclear Regulatory Commission | 80,848.9 | 13,059.5 | 18,759.7 | 20,980.7 | 3,864.9 | 4,332.0 | 1,874.5 | 14,234.7 | 0.0 | 3,742.9 |
| Social Security Administration | 73,959.0 | 23,510.0 | 33,019.0 | 0.0 | 3,500.0 | 0.0 | 13,930.0 | 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 and actual intramural performance.

^b As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

^c The Bureau of Ocean Energy Management, Regulation and Enforcement was split into the Bureau of Ocean Energy Management and the Bureau of Safety and Environmental Enforcement in FY 2012.

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 2011–13.