

TABLE 49. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2013

(Dollars in thousands)

| Agency | Total | Computer sciences and mathematics | Engineering | Environmental sciences | Life sciences | Physical sciences | Psychology | Social sciences | Other sciences nec |
|--|--------------|-----------------------------------|-------------|------------------------|---------------|-------------------|-------------|-----------------|--------------------|
| All agencies | 30,425,596.0 | 1,854,029.2 | 7,154,968.1 | 1,529,746.6 | 15,068,693.0 | 1,878,497.9 | 1,013,909.3 | 650,617.3 | 1,275,134.5 |
| Departments | | | | | | | | | |
| Department of Agriculture | 1,247,580.9 | 6,741.1 | 48,305.3 | 14,938.0 | 960,990.4 | 55,587.8 | 0.0 | 161,018.2 | 0.0 |
| Agricultural Marketing Service | 2,495.3 | 0.0 | 0.0 | 0.0 | 2,495.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agricultural Research Service | 440,538.4 | 1,718.1 | 13,656.7 | 8,546.4 | 386,264.1 | 29,295.8 | 0.0 | 1,057.3 | 0.0 |
| Economic Research Service | 65,366.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65,366.0 | 0.0 |
| Foreign Agricultural Service | 490.7 | 0.0 | 0.0 | 0.0 | 490.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Forest Service | 180,647.3 | 1,073.0 | 4,411.9 | 2,749.1 | 124,873.4 | 3,184.0 | 0.0 | 44,355.7 | 0.0 |
| Grain Inspection, Packers, and Stockyards Administration | 6,197.8 | 0.0 | 0.0 | 0.0 | 6,197.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Agricultural Statistics Service | 3,950.0 | 3,950.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Institute of Food and Agriculture | 544,295.5 | 0.0 | 30,236.7 | 3,642.4 | 437,069.2 | 23,108.0 | 0.0 | 50,239.2 | 0.0 |
| Rural Business-Cooperative Service | 3,600.0 | 0.0 | 0.0 | 0.0 | 3,600.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Commerce | 872,030.7 | 116,737.6 | 165,738.2 | 321,301.8 | 55,360.3 | 83,917.2 | 832.2 | 98,636.9 | 29,506.5 |
| National Institute of Standards and Technology | 343,470.0 | 105,069.9 | 155,047.1 | 120.9 | 3,742.6 | 67,967.2 | 0.0 | 0.0 | 11,522.3 |
| National Oceanic and Atmospheric Administration | 427,831.0 | 3,680.0 | 5,456.0 | 321,180.9 | 51,617.7 | 15,950.0 | 0.0 | 11,962.2 | 17,984.2 |
| National Telecommunications and Information Administration | 5,235.2 | 0.0 | 5,235.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Census Bureau | 95,494.5 | 7,987.6 | 0.0 | 0.0 | 0.0 | 0.0 | 832.2 | 86,674.7 | 0.0 |
| Department of Defense | 4,058,970.7 | 869,389.0 | 2,031,399.5 | 147,758.2 | 423,228.8 | 364,747.4 | 32,737.0 | 35,810.1 | 153,900.6 |
| Defense Advanced Research Projects Agency | 1,236,607.0 | 624,843.0 | 467,381.3 | 0.0 | 78,713.5 | 23,835.1 | 0.0 | 0.0 | 41,834.2 |
| Department of the Air Force | 558,828.6 | 48,309.4 | 326,287.9 | 2,879.9 | 16,862.7 | 103,147.4 | 2,829.5 | 0.0 | 58,511.8 |
| Department of the Army | 953,375.5 | 96,945.4 | 596,038.1 | 21,994.6 | 118,514.9 | 97,549.4 | 18,666.0 | 0.0 | 3,667.0 |
| Department of the Navy | 782,048.0 | 45,836.4 | 504,801.9 | 118,688.5 | 71,393.9 | 1,446.2 | 0.0 | 31,760.1 | 8,121.0 |
| Other defense agencies | 528,111.6 | 53,454.9 | 136,890.3 | 4,195.1 | 137,743.8 | 138,769.3 | 11,241.5 | 4,050.0 | 41,766.7 |
| Department of Education | 188,539.5 | 0.0 | 6,671.8 | 0.0 | 12,543.0 | 0.0 | 11,582.3 | 27,463.0 | 130,279.4 |
| Department of Energy | 3,222,309.7 | 523,036.1 | 1,672,355.0 | 29,463.6 | 16,814.8 | 874,477.0 | 0.0 | 2,641.6 | 103,521.7 |
| Advanced Research Projects Agency—Energy | 87,446.2 | 1,560.0 | 62,509.8 | 0.0 | 16,814.8 | 3,920.0 | 0.0 | 2,641.6 | 0.0 |
| Bonneville Power Administration | 5,370.0 | 0.0 | 5,370.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity Delivery and Energy Reliability | 55,114.3 | 0.0 | 55,114.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Energy Efficiency and Renewable Energy | 467,446.5 | 0.0 | 467,446.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Management | 5,066.0 | 0.0 | 0.0 | 5,066.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fossil Energy | 162,376.0 | 0.0 | 119,667.2 | 16,142.1 | 0.0 | 26,566.7 | 0.0 | 0.0 | 0.0 |
| National Nuclear Security Administration | 2,333,394.7 | 521,431.3 | 960,115.3 | 8,255.4 | 0.0 | 843,592.7 | 0.0 | 0.0 | 0.0 |
| Defense Programs | 2,112,485.5 | 513,567.3 | 955,245.3 | 0.0 | 0.0 | 643,672.9 | 0.0 | 0.0 | 0.0 |
| Nonproliferation and Verification | 220,909.2 | 7,864.0 | 4,870.0 | 8,255.4 | 0.0 | 199,919.7 | 0.0 | 0.0 | 0.0 |
| Nuclear Energy | 103,521.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 103,521.7 |
| Office of Science | 2,574.3 | 44.8 | 2,131.9 | 0.0 | 0.0 | 397.6 | 0.0 | 0.0 | 0.0 |

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(Dollars in thousands)

| Agency | Total | Computer sciences and mathematics | Engineering | Environmental sciences | Life sciences | Physical sciences | Psychology | Social sciences | Other sciences nec |
|--|--------------|-----------------------------------|-------------|------------------------|---------------|-------------------|------------|-----------------|--------------------|
| Department of Health and Human Services | 15,154,009.3 | 103,627.1 | 667,645.4 | 195,792.9 | 12,625,556.4 | 88,289.4 | 876,575.7 | 108,389.9 | 488,132.6 |
| Administration for Children and Families | 8,593.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8,593.4 | 0.0 |
| Agency for Healthcare Research and Quality | 307,608.4 | 41,760.7 | 176.6 | 0.0 | 156,960.8 | 0.0 | 3,372.3 | 18,663.2 | 86,674.8 |
| Agency for Toxic Substances and Disease Registry | 1,770.0 | 0.0 | 0.0 | 1,770.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ctrs. for Disease Control and Prevention | 326,988.7 | 0.0 | 0.0 | 57,393.8 | 249,003.9 | 0.0 | 0.0 | 0.0 | 20,590.9 |
| Ctrs. for Medicare and Medicaid Services | 20,053.1 | 0.0 | 0.0 | 0.0 | 20,053.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Food and Drug Administration | 357,413.6 | 0.0 | 0.0 | 0.0 | 357,413.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Health Resources and Services Administration | 22,930.0 | 0.0 | 0.0 | 0.0 | 18,266.1 | 0.0 | 0.0 | 4,663.8 | 0.0 |
| National Institutes of Health | 14,090,052.0 | 61,866.4 | 667,468.8 | 136,629.1 | 11,823,858.7 | 88,289.4 | 873,203.4 | 57,869.4 | 380,866.8 |
| Office of the Secretary | 18,600.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18,600.0 | 0.0 |
| Office of the Assistant Secretary, Planning and Evaluation | 18,600.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18,600.0 | 0.0 |
| Department of Homeland Security | 234,559.0 | 34,966.9 | 65,341.0 | 1,138.0 | 35,115.4 | 20,418.8 | 0.0 | 6,810.9 | 70,768.0 |
| Science and Technology Directorate | 225,519.0 | 34,366.9 | 58,264.0 | 0.0 | 35,115.4 | 20,418.8 | 0.0 | 6,585.9 | 70,768.0 |
| U.S. Coast Guard | 9,040.0 | 600.0 | 7,077.0 | 1,138.0 | 0.0 | 0.0 | 0.0 | 225.0 | 0.0 |
| Department of Housing and Urban Development | 46,647.5 | 0.0 | 1,427.8 | 0.0 | 0.0 | 0.0 | 0.0 | 44,005.4 | 1,214.2 |
| Department of the Interior | 579,544.0 | 1,272.8 | 24,680.3 | 232,906.6 | 198,202.2 | 115,657.6 | 0.0 | 6,131.6 | 693.0 |
| Bureau of Ocean Energy Management | 34,302.0 | 750.0 | 0.0 | 31,826.7 | 0.0 | 0.0 | 0.0 | 1,725.3 | 0.0 |
| Bureau of Reclamation | 7,538.0 | 0.0 | 6,203.0 | 0.0 | 642.0 | 0.0 | 0.0 | 0.0 | 693.0 |
| Bureau of Safety and Environmental Enforcement | 19,366.0 | 522.8 | 18,477.3 | 365.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Geological Survey | 518,338.0 | 0.0 | 0.0 | 200,714.0 | 197,560.2 | 115,657.6 | 0.0 | 4,406.3 | 0.0 |
| Department of Justice | 53,614.5 | 2,189.4 | 4,538.7 | 0.0 | 5,598.9 | 3,128.9 | 0.0 | 32,066.1 | 6,092.6 |
| Bureau of Prisons | 1,317.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,317.0 | 0.0 |
| Federal Bureau of Investigation | 6,092.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6,092.6 |
| Office of Justice Programs | 46,204.9 | 2,189.4 | 4,538.7 | 0.0 | 5,598.9 | 3,128.9 | 0.0 | 30,749.1 | 0.0 |
| Department of Labor | 11,735.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6,615.9 | 5,120.0 |
| Employee Benefits Security Administration | 6,450.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6,450.9 | 0.0 |
| Occupational Safety and Health Administration | 5,120.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,120.0 |
| Pension Benefit Guaranty Corp. | 165.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 165.0 | 0.0 |
| Department of State | 1,484.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,484.2 | 0.0 |
| Department of Transportation | 748,285.6 | 29,887.9 | 547,143.9 | 34,273.7 | 29,391.8 | 930.0 | 29,802.0 | 31,120.4 | 45,736.0 |
| Federal Aviation Administration | 212,909.0 | 15,493.6 | 122,524.1 | 27,007.2 | 11,902.3 | 0.0 | 29,802.0 | 0.0 | 6,179.9 |
| Federal Highway Administration | 381,759.0 | 4,711.3 | 343,822.8 | 7,216.5 | 778.6 | 0.0 | 0.0 | 21,815.4 | 3,414.4 |
| Federal Motor Carrier Safety Administration | 6,517.0 | 0.0 | 0.0 | 50.0 | 2,294.9 | 0.0 | 0.0 | 0.0 | 4,172.1 |
| Federal Railroad Administration | 33,552.8 | 0.0 | 33,552.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Transit Administration | 31,195.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31,195.0 |
| National Highway Traffic Safety Administration | 71,922.0 | 8,048.0 | 40,153.0 | 0.0 | 14,416.0 | 0.0 | 0.0 | 9,305.0 | 0.0 |
| Pipeline and Hazardous Materials Safety Administration | 5,724.6 | 1,635.0 | 2,385.0 | 0.0 | 0.0 | 930.0 | 0.0 | 0.0 | 774.6 |
| Research and Innovative Technology Administration | 4,706.2 | 0.0 | 4,706.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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(Dollars in thousands)

| Agency | Total | Computer sciences and mathematics | Engineering | Environmental sciences | Life sciences | Physical sciences | Psychology | Social sciences | Other sciences nec |
|---|-------------|-----------------------------------|-------------|------------------------|---------------|-------------------|------------|-----------------|--------------------|
| Department of the Treasury | 74,552.3 | 939.6 | 1,262.1 | 0.0 | 0.0 | 8,368.7 | 0.0 | 0.0 | 63,981.8 |
| Bureau of Engraving and Printing | 8,445.2 | 0.0 | 0.0 | 0.0 | 0.0 | 8,368.7 | 0.0 | 0.0 | 76.5 |
| Internal Revenue Service | 64,844.9 | 939.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 63,905.3 |
| U.S. Mint | 1,262.1 | 0.0 | 1,262.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Veterans Affairs | 314,141.1 | 0.0 | 18,204.8 | 0.0 | 250,039.8 | 0.0 | 45,896.6 | 0.0 | 0.0 |
| Other agencies | | | | | | | | | |
| Agency for International Development | 78,989.2 | 0.0 | 0.0 | 0.0 | 58,691.2 | 0.0 | 0.0 | 20,298.0 | 0.0 |
| Appalachian Regional Commission | 760.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 760.0 | 0.0 |
| Consumer Product Safety Commission | 1,125.0 | 0.0 | 0.0 | 900.0 | 0.0 | 225.0 | 0.0 | 0.0 | 0.0 |
| Environmental Protection Agency | 448,738.5 | 10,566.4 | 55,396.5 | 163,814.1 | 204,784.3 | 12,044.2 | 0.0 | 2,133.0 | 0.0 |
| Federal Communications Commission | 4,830.3 | 1,350.0 | 844.0 | 0.0 | 0.0 | 1,030.0 | 0.0 | 1,606.3 | 0.0 |
| Federal Trade Commission | 2,066.0 | 0.0 | 0.0 | 0.0 | 2,066.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Library of Congress | 671.4 | 0.0 | 0.0 | 0.0 | 0.0 | 671.4 | 0.0 | 0.0 | 0.0 |
| National Aeronautics and Space Administration | 2,452,993.7 | 67,344.2 | 1,552,263.6 | 377,813.9 | 184,981.8 | 238,772.6 | 16,253.3 | 0.0 | 15,564.4 |
| National Archives and Records Administration | 1,081.5 | 1,081.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Science Foundation | 510,970.0 | 84,899.8 | 234,250.8 | 9,645.8 | 5,328.0 | 10,231.9 | 230.3 | 5,759.8 | 160,623.5 |
| Nuclear Regulatory Commission | 57,499.5 | 0.0 | 57,499.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Social Security Administration | 57,866.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57,866.0 | 0.0 |

nec = not elsewhere classified.

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.