

TABLE 106. Federal obligations for research and development to intramural performers for personnel costs, by agency: FYs 2011–13

(Dollars in thousands)

| Agency | Total intramural R&D (2011) | Personnel costs (2011) | | Preliminary | | | | | |
|--|--------------------------------|------------------------|------------|--------------------------------|------------------------|------------|--------------------------------|------------------------|------------|
| | | Amount | % of total | Total intramural R&D (2012) | Personnel costs (2012) | | Total intramural R&D (2013) | Personnel costs (2013) | |
| | | | | | Amount | % of total | | Amount | % of total |
| All agencies | 35,144,677.8 | 9,030,018.5 | 25.7 | 37,664,930.7 | 9,222,136.2 | 24.5 | 37,301,035.3 | 9,343,884.1 | 25.0 |
| Departments | | | | | | | | | |
| Department of Agriculture | 1,517,076.5 | 1,057,199.5 | 69.7 | 1,519,710.7 | 1,040,368.9 | 68.5 | 1,471,232.8 | 1,036,801.1 | 70.5 |
| Agricultural Marketing Service | 4,286.5 | 3,172.0 | 74.0 | 4,286.5 | 3,172.0 | 74.0 | 5,286.5 | 3,912.0 | 74.0 |
| Agricultural Research Service | 1,043,245.9 | 737,985.0 | 70.7 | 1,031,045.1 | 721,548.0 | 70.0 | 1,027,199.9 | 724,254.0 | 70.5 |
| Animal and Plant Health Inspection Service | 22,451.3 | 10,776.6 | 48.0 | 30,522.9 | 14,651.0 | 48.0 | 28,967.3 | 13,904.3 | 48.0 |
| Economic Research Service | 71,639.4 | 52,892.0 | 73.8 | 69,044.0 | 51,136.0 | 74.1 | 68,931.0 | 51,328.0 | 74.5 |
| Foreign Agricultural Service | 232.9 | 232.9 | 100.0 | 232.9 | 232.9 | 100.0 | 232.9 | 232.9 | 100.0 |
| Forest Service | 306,637.0 | 213,000.0 | 69.5 | 319,160.6 | 210,000.0 | 65.8 | 274,160.6 | 203,000.0 | 74.0 |
| Grain Inspection, Packers, and Stockyards Administration | 6,690.6 | 5,017.9 | 75.0 | 6,290.6 | 4,717.9 | 75.0 | 6,890.6 | 5,167.9 | 75.0 |
| National Agricultural Statistics Service | 6,241.9 | 5,208.0 | 83.4 | 6,760.0 | 5,206.0 | 77.0 | 6,760.0 | 5,206.0 | 77.0 |
| National Institute of Food and Agriculture | 54,651.0 | 27,915.0 | 51.1 | 51,368.0 | 28,705.0 | 55.9 | 51,804.0 | 28,796.0 | 55.6 |
| Rural Business-Cooperative Service | 1,000.0 | 1,000.0 | 100.0 | 1,000.0 | 1,000.0 | 100.0 | 1,000.0 | 1,000.0 | 100.0 |
| Department of Commerce | 815,762.1 | 446,510.5 | 54.7 | 865,971.1 | 511,867.5 | 59.1 | 1,063,512.5 | 611,878.5 | 57.5 |
| Economic Development Administration | 25.0 | 25.0 | 100.0 | 199.2 | 199.2 | 100.0 | 0.0 | 0.0 | - |
| National Institute of Standards and Technology | 389,912.8 | 243,378.2 | 62.4 | 426,466.3 | 254,705.5 | 59.7 | 489,108.0 | 269,296.8 | 55.1 |
| National Oceanic and Atmospheric Administration | 358,557.9 | 168,295.0 | 46.9 | 330,279.9 | 190,012.2 | 57.5 | 384,806.6 | 235,690.1 | 61.2 |
| National Telecommunications and Information Administration | 7,808.8 | 7,808.8 | 100.0 | 7,494.7 | 7,494.7 | 100.0 | 6,682.2 | 6,682.2 | 100.0 |
| U.S. Census Bureau | 59,457.7 | 27,003.5 | 45.4 | 101,531.0 | 59,455.9 | 58.6 | 182,915.7 | 100,209.4 | 54.8 |
| Department of Defense | 23,074,284.2 | 3,300,629.2 | 14.3 | 25,239,340.6 | 3,240,441.3 | 12.8 | 24,367,147.2 | 3,274,525.2 | 13.4 |
| Defense Advanced Research Projects Agency | 221,521.8 | 162,214.9 | 73.2 | 225,142.1 | 172,128.1 | 76.5 | 219,383.5 | 169,970.0 | 77.5 |
| Department of the Air Force | 3,837,827.4 | 698,625.7 | 18.2 | 5,211,014.5 | 803,802.0 | 15.4 | 4,457,663.0 | 811,950.3 | 18.2 |
| Department of the Army | 4,217,171.4 | 1,628,059.7 | 38.6 | 4,160,008.0 | 1,608,413.1 | 38.7 | 4,473,256.7 | 1,532,099.4 | 34.3 |
| Department of the Navy | 5,524,414.2 | 143,228.7 | 2.6 | 6,016,337.4 | 111,428.9 | 1.9 | 5,670,669.0 | 234,976.1 | 4.1 |
| Other defense agencies ^a | 9,273,349.3 | 668,500.2 | 7.2 | 9,626,838.5 | 544,669.2 | 5.7 | 9,546,174.9 | 525,529.4 | 5.5 |
| Department of Education | 16,925.0 | 11,576.9 | 68.4 | 17,761.5 | 12,186.9 | 68.6 | 17,712.6 | 11,786.0 | 66.5 |
| Department of Energy | 696,725.3 | 266,806.7 | 38.3 | 1,045,128.1 | 433,586.6 | 41.5 | 1,310,058.5 | 400,336.5 | 30.6 |
| Advanced Research Projects Agency—Energy | 18,000.0 | 5,800.0 | 32.2 | 22,000.0 | 6,650.0 | 30.2 | 25,000.0 | 7,875.0 | 31.5 |
| Bonneville Power Administration | 2,212.2 | 1,569.4 | 70.9 | 2,610.4 | 2,063.0 | 79.0 | 2,607.9 | 1,330.5 | 51.0 |
| Electricity Delivery and Energy Reliability | 6,712.6 | 0.2 | ** | 3,296.9 | 0.2 | ** | 5,936.0 | 0.2 | ** |
| Energy Efficiency and Renewable Energy | 337,288.8 | 48,865.2 | 14.5 | 385,308.7 | 55,822.0 | 14.5 | 543,884.5 | 81,796.1 | 15.0 |
| Environmental Management | 2.0 | 2.0 | 100.0 | 2.0 | 2.0 | 100.0 | 2.0 | 2.0 | 100.0 |
| Fossil Energy | 127,357.9 | 70,220.6 | 55.1 | 91,964.9 | 50,706.2 | 55.1 | 85,623.4 | 47,209.7 | 55.1 |
| National Nuclear Security Administration | 147,327.3 | 139,342.3 | 94.6 | 333,250.3 | 317,337.3 | 95.2 | 277,942.6 | 261,117.0 | 93.9 |
| Defense Programs | 99,422.3 | 99,422.3 | 100.0 | 277,337.3 | 277,337.3 | 100.0 | 217,905.0 | 217,905.0 | 100.0 |
| Naval Reactors | 42,130.1 | 39,920.0 | 94.8 | 45,968.5 | 40,000.0 | 87.0 | 50,093.1 | 43,212.0 | 86.3 |
| Nonproliferation and Verification | 5,775.0 | * | ** | 9,944.5 | * | ** | 9,944.5 | * | ** |
| Nuclear Energy | 6,000.0 | 2.0 | ** | 1,400.0 | 1.0 | 0.1 | 1,500.0 | 1.0 | 0.1 |

TABLE 106. Federal obligations for research and development to intramural performers for personnel costs, by agency: FYs 2011–13

(Dollars in thousands)

| Agency | Preliminary | | | | | | | | |
|--|-----------------------------|------------------------|------------|-----------------------------|------------------------|------------|-----------------------------|------------------------|------------|
| | Total intramural R&D (2011) | Personnel costs (2011) | | Total intramural R&D (2012) | Personnel costs (2012) | | Total intramural R&D (2013) | Personnel costs (2013) | |
| | | Amount | % of total | | Amount | % of total | | Amount | % of total |
| Office of Science | 51,824.4 | 1,005.0 | 1.9 | 205,294.9 | 1,005.0 | 0.5 | 367,562.0 | 1,005.0 | 0.3 |
| Department of Health and Human Services | 5,692,643.6 | 2,128,049.6 | 37.4 | 5,602,101.5 | 2,173,420.4 | 38.8 | 5,581,957.8 | 2,138,909.1 | 38.3 |
| Administration for Children and Families | 274.0 | 274.0 | 100.0 | 279.8 | 279.8 | 100.0 | 285.6 | 285.6 | 100.0 |
| Agency for Healthcare Research and Quality | 85,265.4 | 54,468.3 | 63.9 | 84,897.6 | 46,509.0 | 54.8 | 76,916.1 | 48,759.0 | 63.4 |
| Agency for Toxic Substances and Disease Registry | 2,287.9 | 1,254.0 | 54.8 | 3,131.4 | 2,335.2 | 74.6 | 3,131.4 | 2,335.2 | 74.6 |
| Ctrs. for Disease Control and Prevention | 134,035.2 | 82,203.7 | 61.3 | 134,453.8 | 83,562.1 | 62.1 | 83,034.6 | 45,879.5 | 55.3 |
| Ctrs. for Medicare and Medicaid Services | 40.0 | 10.0 | 25.0 | 40.0 | 10.0 | 25.0 | 40.0 | 10.0 | 25.0 |
| Food and Drug Administration | 211,381.8 | 715.2 | 0.3 | 204,343.2 | 691.4 | 0.3 | 242,788.4 | 821.5 | 0.3 |
| Health Resources and Services Administration | 3,604.5 | 3,550.8 | 98.5 | 3,606.2 | 3,552.4 | 98.5 | 3,606.2 | 3,552.4 | 98.5 |
| National Institutes of Health | 5,252,802.5 | 1,985,561.0 | 37.8 | 5,166,449.6 | 2,036,467.0 | 39.4 | 5,167,455.5 | 2,037,253.0 | 39.4 |
| Office of the Secretary | 2,952.2 | 12.5 | 0.4 | 4,900.0 | 13.5 | 0.3 | 4,700.0 | 12.8 | 0.3 |
| Office of the Assistant Secretary, Planning and Evaluation | 2,952.2 | 12.5 | 0.4 | 4,900.0 | 13.5 | 0.3 | 4,700.0 | 12.8 | 0.3 |
| Department of Homeland Security | 187,781.5 | 37,329.3 | 19.9 | 180,646.2 | 33,096.2 | 18.3 | 238,637.7 | 47,217.5 | 19.8 |
| Science and Technology Directorate | 186,055.6 | 37,211.1 | 20.0 | 162,146.2 | 32,429.2 | 20.0 | 233,537.7 | 46,707.5 | 20.0 |
| U.S. Coast Guard | 1,725.9 | 118.1 | 6.8 | 18,500.0 | 667.0 | 3.6 | 5,100.0 | 510.0 | 10.0 |
| Department of Housing and Urban Development | 42,502.2 | 32,400.0 | 76.2 | 41,963.4 | 31,000.0 | 73.9 | 46,791.6 | 35,000.0 | 74.8 |
| Department of the Interior | 552,424.5 | 374,223.7 | 67.7 | 583,100.7 | 392,235.1 | 67.3 | 623,316.5 | 421,411.0 | 67.6 |
| Bureau of Ocean Energy Management ^b | 0.0 | 0.0 | - | 16,862.3 | 1,591.4 | 9.4 | 16,359.2 | 2,088.3 | 12.8 |
| Bureau of Ocean Energy Management, Regulation and Enforcement ^b | 12,750.6 | 2,114.3 | 16.6 | 0.0 | 0.0 | - | 0.0 | 0.0 | - |
| Bureau of Reclamation | 7,157.0 | 1,699.0 | 23.7 | 3,196.0 | 1,087.0 | 34.0 | 3,196.0 | 1,087.0 | 34.0 |
| Bureau of Safety and Environmental Enforcement ^b | 0.0 | 0.0 | - | 1,198.4 | 376.2 | 31.4 | 1,000.5 | 500.5 | 50.0 |
| National Park Service | 727.0 | 216.2 | 29.7 | 0.0 | 0.0 | - | 0.0 | 0.0 | - |
| U.S. Geological Survey | 531,789.9 | 370,194.2 | 69.6 | 561,844.0 | 389,180.5 | 69.3 | 602,760.9 | 417,735.2 | 69.3 |
| Department of Justice | 26,484.8 | 6,856.8 | 25.9 | 14,914.3 | 4,135.7 | 27.7 | 12,112.2 | 4,191.8 | 34.6 |
| Bureau of Prisons | 3,203.1 | 3,004.5 | 93.8 | 3,076.4 | 2,885.7 | 93.8 | 3,136.3 | 2,941.8 | 93.8 |
| Federal Bureau of Investigation | 17,740.9 | 2,349.0 | 13.2 | 8,975.9 | 1,250.0 | 13.9 | 8,975.9 | 1,250.0 | 13.9 |
| Office of Justice Programs | 5,540.8 | 1,503.3 | 27.1 | 2,861.9 | * | ** | 0.0 | 0.0 | - |
| Department of Labor | 4,950.4 | 4,950.4 | 100.0 | 5,256.3 | 5,256.3 | 100.0 | 5,402.5 | 5,402.5 | 100.0 |
| Employee Benefits Security Administration | 1,311.4 | 1,311.4 | 100.0 | 1,499.3 | 1,499.3 | 100.0 | 1,550.5 | 1,550.5 | 100.0 |
| Occupational Safety and Health Administration | 3,022.0 | 3,022.0 | 100.0 | 3,140.0 | 3,140.0 | 100.0 | 3,235.0 | 3,235.0 | 100.0 |
| Pension Benefit Guaranty Corp. | 617.0 | 617.0 | 100.0 | 617.0 | 617.0 | 100.0 | 617.0 | 617.0 | 100.0 |
| Department of State | 3,258.2 | 717.5 | 22.0 | 2,182.5 | 717.5 | 32.9 | 2,020.0 | 717.5 | 35.5 |
| Department of Transportation | 225,434.2 | 91,643.5 | 40.7 | 296,202.1 | 99,943.2 | 33.7 | 267,045.1 | 111,568.5 | 41.8 |
| Federal Aviation Administration | 124,905.8 | 75,328.5 | 60.3 | 138,396.5 | 81,672.0 | 59.0 | 129,736.5 | 77,126.0 | 59.4 |
| Federal Highway Administration | 47,211.9 | 2.6 | ** | 62,617.5 | 2.9 | ** | 67,330.3 | 3.0 | ** |
| Federal Motor Carrier Safety Administration | 387.0 | 258.0 | 66.7 | 182.8 | 121.9 | 66.7 | 183.6 | 50.4 | 27.4 |
| Federal Railroad Administration | 10,265.5 | 3,355.0 | 32.7 | 44,489.0 | 4,254.0 | 9.6 | 11,965.7 | 3,435.4 | 28.7 |

TABLE 106. Federal obligations for research and development to intramural performers for personnel costs, by agency: FYs 2011–13
(Dollars in thousands)

| Agency | Preliminary | | | | | | | | |
|--|--------------------------------|------------------------|------------|--------------------------------|------------------------|------------|--------------------------------|------------------------|------------|
| | Total intramural R&D (2011) | Personnel costs (2011) | | Total intramural R&D (2012) | Personnel costs (2012) | | Total intramural R&D (2013) | Personnel costs (2013) | |
| | | Amount | % of total | | Amount | % of total | | Amount | % of total |
| Federal Transit Administration | 1,450.0 | 1,450.0 | 100.0 | 1,812.0 | 1,812.0 | 100.0 | 1,993.0 | 1,993.0 | 100.0 |
| National Highway Traffic Safety Administration | 25,186.0 | 1,020.0 | 4.0 | 25,541.0 | 1,020.0 | 4.0 | 39,375.0 | 17,158.0 | 43.6 |
| Office of the Secretary | 7,569.0 | 5,257.0 | 69.5 | 13,678.0 | 5,468.4 | 40.0 | 8,215.0 | 5,600.0 | 68.2 |
| Pipeline and Hazardous Materials Safety Administration | 3,382.7 | 1,100.0 | 32.5 | 2,907.0 | 1,207.0 | 41.5 | 2,491.0 | 1,801.0 | 72.3 |
| Research and Innovative Technology Administration | 5,076.3 | 3,872.5 | 76.3 | 6,578.2 | 4,385.0 | 66.7 | 5,755.0 | 4,401.7 | 76.5 |
| Department of the Treasury | 73,908.6 | 49,806.5 | 67.4 | 71,663.5 | 47,903.1 | 66.8 | 76,317.1 | 47,811.7 | 62.6 |
| Bureau of Engraving and Printing | 5,770.5 | 502.9 | 8.7 | 4,820.9 | 450.5 | 9.3 | 9,524.5 | 409.1 | 4.3 |
| Internal Revenue Service | 68,088.1 | 49,253.6 | 72.3 | 66,792.6 | 47,402.6 | 71.0 | 66,792.6 | 47,402.6 | 71.0 |
| U.S. Mint | 50.0 | 50.0 | 100.0 | 50.0 | 50.0 | 100.0 | 0.0 | 0.0 | - |
| Department of Veterans Affairs | 612,901.0 | 312,683.2 | 51.0 | 607,819.0 | 310,099.7 | 51.0 | 592,674.0 | 302,372.9 | 51.0 |
| Other agencies | | | | | | | | | |
| Agency for International Development | 4,700.0 | 235.0 | 5.0 | 4,794.0 | 239.7 | 5.0 | 4,889.9 | 244.5 | 5.0 |
| Appalachian Regional Commission | * | * | 100.0 | * | * | 100.0 | * | * | 100.0 |
| Environmental Protection Agency | 255,094.2 | 254,050.9 | 99.6 | 248,703.5 | 247,686.3 | 99.6 | 253,201.6 | 252,165.9 | 99.6 |
| Federal Communications Commission | 3,660.6 | 3,660.6 | 100.0 | 3,883.4 | 3,883.4 | 100.0 | 4,760.3 | 4,760.3 | 100.0 |
| Federal Trade Commission | 2,728.8 | 1,672.8 | 61.3 | 1,907.2 | 1,169.1 | 61.3 | 1,942.0 | 1,190.5 | 61.3 |
| Library of Congress | 1,505.1 | 682.8 | 45.4 | 1,297.7 | 681.2 | 52.5 | 1,396.5 | 695.5 | 49.8 |
| National Aeronautics and Space Administration | 1,036,813.3 | 508,064.4 | 49.0 | 1,001,705.2 | 480,642.2 | 48.0 | 1,033,291.6 | 496,174.6 | 48.0 |
| National Archives and Records Administration | 1,786.1 | 1,246.9 | 69.8 | 1,254.8 | 942.8 | 75.1 | 1,254.8 | 942.8 | 75.1 |
| National Science Foundation | 83,981.0 | * | ** | 84,595.9 | * | ** | 88,812.9 | * | ** |
| Nuclear Regulatory Commission | 7,960.6 | 3,204.1 | 40.3 | 8,434.6 | 3,774.2 | 44.7 | 13,059.5 | 6,093.4 | 46.7 |
| Smithsonian Institution | 193,052.0 | 125,483.8 | 65.0 | 193,526.0 | 125,791.9 | 65.0 | 198,978.0 | 129,335.7 | 65.0 |
| Social Security Administration | 10,334.0 | 10,334.0 | 100.0 | 21,067.0 | 21,067.0 | 100.0 | 23,510.0 | 2,351.0 | 10.0 |

* = amount greater than \$0 but less than \$50; ** = percentage greater than 0% but less than 0.05%; - = no value possible.

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

^b 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.