

TABLE 13. Preliminary federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2013

(Dollars in thousands)

| Agency | Research and development | | | | R&D plant | | | |
|---|--------------------------|------------------------------|--------------------------------|-------------------------------|-----------|------------------------------|--------------------------------|-------------------------------|
| | Total | Industry-administered FFRDCs | University-administered FFRDCs | Nonprofit-administered FFRDCs | Total | Industry-administered FFRDCs | University-administered FFRDCs | Nonprofit-administered FFRDCs |
| All agencies | 11,161,354.0 | 4,936,730.6 | 3,395,882.9 | 2,828,740.5 | 877,821.2 | 130,482.0 | 317,733.2 | 429,606.1 |
| Departments | | | | | | | | |
| Department of Commerce | 1,396.8 | 0.0 | 1,396.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Oceanic and Atmospheric Administration | 1,396.8 | 0.0 | 1,396.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Defense | 2,444,845.0 | 1,036,398.0 | 436,650.4 | 971,796.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Defense Advanced Research Projects Agency | 61,297.4 | 17,810.9 | 36,694.0 | 6,792.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Air Force | 1,029,428.9 | 192,832.5 | 132,977.0 | 703,619.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Army | 73,736.9 | 10,366.1 | 23,092.3 | 40,278.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Navy | 851,383.0 | 712,620.6 | 42,417.4 | 96,345.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other defense agencies ^a | 428,998.7 | 102,767.9 | 201,469.7 | 124,761.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Energy | 6,697,937.1 | 3,261,291.7 | 1,749,345.2 | 1,687,300.2 | 659,158.2 | 109,993.6 | 305,062.8 | 244,101.8 |
| Advanced Research Projects Agency—Energy | 15,356.5 | 2,792.0 | 5,709.4 | 6,855.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity Delivery and Energy Reliability | 68,883.2 | 20,669.6 | 10,595.9 | 37,617.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Energy Efficiency and Renewable Energy | 665,504.9 | 97,512.8 | 128,623.6 | 439,368.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Management | 18,509.0 | 9,650.5 | 1,500.0 | 7,358.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fossil Energy | 42,049.7 | 17,910.3 | 11,048.7 | 13,090.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Nuclear Security Administration | 2,878,073.7 | 2,823,962.5 | 7,040.8 | 47,070.5 | 107,860.2 | 107,860.2 | 0.0 | 0.0 |
| Defense Programs | 2,559,765.0 | 2,559,765.0 | 0.0 | 0.0 | 107,860.2 | 107,860.2 | 0.0 | 0.0 |
| Naval Reactors | 66,281.5 | 66,163.6 | 20.0 | 97.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nonproliferation and Verification | 252,027.2 | 198,033.9 | 7,020.8 | 46,972.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear Energy | 210,794.0 | 112,175.0 | 24,192.0 | 74,427.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of Science | 2,798,766.0 | 176,618.9 | 1,560,634.8 | 1,061,512.3 | 551,298.0 | 2,133.4 | 305,062.8 | 244,101.8 |
| Department of Health and Human Services | 537,766.1 | 467,420.5 | 47,210.3 | 23,135.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ctrs. for Disease Control and Prevention | 3,844.4 | 0.0 | 3,844.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Institutes of Health | 533,921.8 | 467,420.5 | 43,366.0 | 23,135.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Homeland Security | 165,648.7 | 78,252.2 | 22,411.5 | 64,985.0 | 205,299.8 | 20,488.4 | 3,106.6 | 181,704.8 |
| Science and Technology Directorate | 165,648.7 | 78,252.2 | 22,411.5 | 64,985.0 | 205,299.8 | 20,488.4 | 3,106.6 | 181,704.8 |
| Department of the Interior | 2,735.2 | 2,735.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bureau of Safety and Environmental Enforcement ^b | 2,000.0 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| U.S. Geological Survey | 735.2 | 735.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Transportation | 114,721.1 | 68,995.4 | 12.3 | 45,713.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Aviation Administration | 43,097.7 | 0.0 | 12.3 | 43,085.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Highway Administration | 71,623.4 | 68,995.4 | 0.0 | 2,628.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 13. Preliminary federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2013
(Dollars in thousands)

| Agency | Research and development | | | R&D plant | | | | |
|---|--------------------------|------------------------------|--------------------------------|-------------------------------|---------|------------------------------|--------------------------------|-------------------------------|
| | Total | Industry-administered FFRDCs | University-administered FFRDCs | Nonprofit-administered FFRDCs | Total | Industry-administered FFRDCs | University-administered FFRDCs | Nonprofit-administered FFRDCs |
| Other agencies | | | | | | | | |
| National Aeronautics and Space Administration | 933,799.2 | 657.0 | 920,084.3 | 13,057.9 | 5,192.8 | 0.0 | 1,393.3 | 3,799.5 |
| National Science Foundation | 222,957.4 | 0.0 | 214,440.1 | 8,517.3 | 8,170.4 | 0.0 | 8,170.4 | 0.0 |
| Nuclear Regulatory Commission | 39,547.5 | 20,980.7 | 4,332.0 | 14,234.7 | 0.0 | 0.0 | 0.0 | 0.0 |

FFRDC = federally funded research and development center.

^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.