

TABLE 11. Federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2012

(Dollars in thousands)

| Agency | R&D | | | | 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 | 10,058,078.0 | 3,611,731.0 | 3,694,173.3 | 2,752,173.6 | 623,031.0 | 51,806.9 | 248,091.8 | 323,132.3 |
| Departments | | | | | | | | |
| Department of Commerce | 3,631.6 | 0.0 | 3,631.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Oceanic and Atmospheric Administration | 3,631.6 | 0.0 | 3,631.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Defense | 1,681,794.2 | 326,852.2 | 367,467.8 | 987,474.2 | 1,727.9 | 210.8 | 605.0 | 912.1 |
| Defense Advanced Research Projects Agency | 72,798.7 | 16,390.9 | 47,129.8 | 9,278.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Air Force | 458,434.3 | 99,129.5 | 79,416.3 | 279,888.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Army | 449,979.9 | 8,392.9 | 21,046.5 | 420,540.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of the Navy | 220,443.4 | 41,616.8 | 70,683.1 | 108,143.5 | 1,727.9 | 210.8 | 605.0 | 912.1 |
| Other defense agencies | 480,138.0 | 161,322.0 | 149,192.2 | 169,623.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Energy | 6,285,112.8 | 2,964,740.8 | 1,772,902.8 | 1,547,469.2 | 599,462.4 | 51,596.1 | 226,455.0 | 321,411.4 |
| Advanced Research Projects Agency—Energy | 9,052.5 | 3,650.0 | 2,777.5 | 2,625.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bonneville Power Administration | 762.6 | 15.0 | 0.0 | 747.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Electricity Delivery and Energy Reliability | 49,772.1 | 15,445.3 | 7,283.4 | 27,043.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Energy Efficiency and Renewable Energy | 471,467.4 | 64,603.4 | 91,120.9 | 315,743.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Environmental Management | 17,054.0 | 7,635.0 | 2,081.0 | 7,338.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fossil Energy | 55,872.0 | 23,797.7 | 14,680.6 | 17,393.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Nuclear Security Administration | 2,469,428.7 | 2,414,976.7 | 8,015.9 | 46,436.1 | 49,252.4 | 49,252.4 | 0.0 | 0.0 |
| Defense Programs | 2,234,640.0 | 2,233,640.0 | 1,000.0 | 0.0 | 49,252.4 | 49,252.4 | 0.0 | 0.0 |
| Naval Reactors | 63,535.9 | 63,428.3 | 11.5 | 96.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nonproliferation and Verification | 171,252.9 | 117,908.4 | 7,004.4 | 46,340.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nuclear Energy | 309,043.1 | 193,089.6 | 29,908.3 | 86,045.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of Science | 2,902,660.4 | 241,528.0 | 1,617,035.3 | 1,044,097.1 | 550,210.0 | 2,343.7 | 226,455.0 | 321,411.4 |
| Department of Health and Human Services | 360,605.1 | 298,988.1 | 40,058.3 | 21,558.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ctrs. for Disease Control and Prevention | 2,185.1 | 0.0 | 2,185.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| National Institutes of Health | 358,420.0 | 298,988.1 | 37,873.2 | 21,558.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Homeland Security | 112,974.8 | 3,760.0 | 0.0 | 109,214.8 | 659.1 | 0.0 | 0.0 | 659.1 |
| Science and Technology Directorate | 112,974.8 | 3,760.0 | 0.0 | 109,214.8 | 659.1 | 0.0 | 0.0 | 659.1 |
| Department of Justice | 499.0 | 0.0 | 499.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Office of Justice Programs | 499.0 | 0.0 | 499.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Department of Transportation | 38,779.8 | 0.0 | 0.0 | 38,779.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Aviation Administration | 37,084.0 | 0.0 | 0.0 | 37,084.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Federal Highway Administration | 1,695.9 | 0.0 | 0.0 | 1,695.9 | 0.0 | 0.0 | 0.0 | 0.0 |

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|---|-------------|---------------------------------|-----------------------------------|----------------------------------|----------|---------------------------------|-----------------------------------|----------------------------------|
| | 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 | 1,336,367.1 | 1,028.3 | 1,308,933.0 | 26,405.8 | 11,387.1 | 0.0 | 11,237.3 | 149.8 |
| National Science Foundation | 202,729.8 | 0.0 | 196,074.0 | 6,655.8 | 9,794.5 | 0.0 | 9,794.5 | 0.0 |
| Nuclear Regulatory Commission | 35,583.5 | 16,361.6 | 4,606.7 | 14,615.3 | 0.0 | 0.0 | 0.0 | 0.0 |

FFRDC = federally funded research and development center.

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.