

TABLE 30. Federal obligations for basic research, by agency and performer: FY 2012  
(Dollars in thousands)

| Agency   | Total        | Intramural <sup>a</sup> | Extramural                         |                              |                           |                                |                  |                               |                          | Foreign   |
|--|--------------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|-----------|
|  |              |                         | United States and U.S. territories |                              |                           |                                |                  |                               |                          |           |
|  |              |                         | Industry                           | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments |           |
| All agencies                                   | 30,958,892.9 | 5,579,440.6             | 2,155,280.3                        | 434,110.9                    | 15,729,832.5              | 2,550,541.0                    | 3,123,123.4      | 1,096,205.8                   | 80,377.7                 | 209,980.5 |
| Departments                                    |              |                         |                                    |                              |                           |                                |                  |                               |                          |           |
| Department of Agriculture                      | 851,409.5    | 613,125.0               | 25.2                               | 0.0                          | 227,776.6                 | 0.0                            | 7,614.0          | 0.0                           | 1,840.2                  | 1,028.5   |
| Agricultural Research Service                  | 544,897.5    | 505,289.6               | 0.0                                | 0.0                          | 33,357.4                  | 0.0                            | 5,174.4          | 0.0                           | 120.3                    | 955.8     |
| Economic Research Service                      | 6,945.9      | 6,945.9                 | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0       |
| Foreign Agricultural Service                   | 190.8        | 69.9                    | 25.2                               | 0.0                          | 95.8                      | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0       |
| Forest Service                                 | 84,881.0     | 76,731.4                | 0.0                                | 0.0                          | 6,435.4                   | 0.0                            | 829.0            | 0.0                           | 812.5                    | 72.7      |
| National Agricultural Statistics Service       | 3,477.5      | 3,477.5                 | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0       |
| National Institute of Food and Agriculture     | 211,016.9    | 20,610.7                | 0.0                                | 0.0                          | 187,888.1                 | 0.0                            | 1,610.6          | 0.0                           | 907.5                    | 0.0       |
| Department of Commerce                         | 174,199.6    | 142,904.1               | 9,170.7                            | 0.0                          | 21,675.6                  | 0.0                            | 316.3            | 0.0                           | 0.0                      | 133.0     |
| National Institute of Standards and Technology | 174,199.6    | 142,904.1               | 9,170.7                            | 0.0                          | 21,675.6                  | 0.0                            | 316.3            | 0.0                           | 0.0                      | 133.0     |
| Department of Defense                          | 2,035,761.7  | 433,918.6               | 293,275.6                          | 9,601.2                      | 1,188,343.6               | 5,169.3                        | 56,675.2         | 3,732.6                       | 135.0                    | 44,910.7  |
| Defense Advanced Research Projects Agency      | 345,017.0    | 12,772.0                | 101,122.9                          | 4,508.9                      | 207,508.0                 | 2,013.0                        | 7,797.9          | 1,120.0                       | 0.0                      | 8,174.2   |
| Department of the Air Force                    | 502,732.1    | 49,781.1                | 91,498.1                           | 0.0                          | 328,992.8                 | 109.1                          | 6,656.1          | 0.0                           | 0.0                      | 25,695.0  |
| Department of the Army                         | 418,054.1    | 154,569.2               | 56,634.2                           | 0.0                          | 199,117.9                 | 37.5                           | 5,914.3          | 305.0                         | 0.0                      | 1,476.0   |
| Department of the Navy                         | 587,834.0    | 180,772.2               | 30,017.7                           | 700.8                        | 332,347.1                 | 0.0                            | 34,872.2         | 814.6                         | 135.0                    | 8,174.4   |
| Other defense agencies                         | 182,124.5    | 36,024.2                | 14,002.7                           | 4,391.4                      | 120,377.8                 | 3,009.8                        | 1,434.7          | 1,493.0                       | 0.0                      | 1,391.0   |
| Department of Education                        | 6,762.4      | 315.9                   | 0.0                                | 0.0                          | 5,003.6                   | 0.0                            | 1,442.9          | 0.0                           | 0.0                      | 0.0       |
| Department of Energy                           | 3,957,399.2  | 50,995.5                | 215,430.0                          | 265,381.0                    | 699,354.0                 | 1,621,782.3                    | 48,378.5         | 1,054,167.3                   | 160.1                    | 1,750.5   |
| Bonneville Power Administration                | 4,600.9      | 692.9                   | 2,450.4                            | 0.0                          | 100.0                     | 0.0                            | 500.0            | 747.6                         | 110.0                    | 0.0       |
| Electricity Delivery and Energy Reliability    | 6,326.6      | 356.2                   | 2,074.6                            | 964.6                        | 573.8                     | 454.9                          | 163.6            | 1,689.0                       | 50.1                     | 0.0       |
| Energy Efficiency and Renewable Energy         | 6,758.0      | 2,641.1                 | 0.0                                | 1,230.2                      | 694.5                     | 624.2                          | 192.0            | 1,376.1                       | 0.0                      | 0.0       |
| Fossil Energy                                  | 3,668.0      | *                       | 0.0                                | 0.0                          | 3,668.0                   | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0       |
| National Nuclear Security Administration       | 45,585.4     | 1,812.6                 | 5,375.9                            | 21,658.1                     | 6,409.2                   | 3,668.0                        | 404.0            | 6,257.6                       | 0.0                      | 0.0       |
| Nonproliferation and Verification              | 45,585.4     | 1,812.6                 | 5,375.9                            | 21,658.1                     | 6,409.2                   | 3,668.0                        | 404.0            | 6,257.6                       | 0.0                      | 0.0       |
| Office of Science                              | 3,890,460.3  | 45,492.7                | 205,529.2                          | 241,528.0                    | 687,908.6                 | 1,617,035.3                    | 47,118.9         | 1,044,097.1                   | 0.0                      | 1,750.5   |
| Department of Health and Human Services        | 15,977,411.7 | 3,266,113.7             | 722,890.0                          | 158,463.7                    | 9,181,010.9               | 20,072.8                       | 2,433,610.8      | 11,426.1                      | 53,552.6                 | 130,271.2 |
| Ctrs. for Disease Control and Prevention       | 73,574.4     | 24,970.2                | 753.4                              | 0.0                          | 24,718.9                  | 0.0                            | 7,457.2          | 0.0                           | 7,679.2                  | 7,995.5   |
| Health Resources and Services Administration   | 2,622.4      | 2,622.4                 | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0       |
| National Institutes of Health                  | 15,901,215.0 | 3,238,521.1             | 722,136.6                          | 158,463.7                    | 9,156,292.0               | 20,072.8                       | 2,426,153.6      | 11,426.1                      | 45,873.4                 | 122,275.6 |
| Department of Homeland Security                | 84,307.2     | 18,872.4                | 15,980.4                           | 0.0                          | 40,774.9                  | 0.0                            | 7,545.1          | 1,134.5                       | 0.0                      | 0.0       |
| Science and Technology Directorate             | 84,307.2     | 18,872.4                | 15,980.4                           | 0.0                          | 40,774.9                  | 0.0                            | 7,545.1          | 1,134.5                       | 0.0                      | 0.0       |
| Department of the Interior                     | 54,203.0     | 50,208.4                | 58.4                               | 0.0                          | 3,481.1                   | 0.0                            | 147.7            | 0.0                           | 307.4                    | 0.0       |
| U.S. Geological Survey                         | 54,203.0     | 50,208.4                | 58.4                               | 0.0                          | 3,481.1                   | 0.0                            | 147.7            | 0.0                           | 307.4                    | 0.0       |

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|---|-------------|-------------------------|------------------------------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------|--------------------------|----------|
|   |             |                         | United States and U.S. territories |                              |                           |                                |                  |                               |                          | Foreign  |
|   |             |                         | Industry                           | Industry-administered FFRDCs | Universities and colleges | University-administered FFRDCs | Other nonprofits | Nonprofit-administered FFRDCs | State, local governments |          |
| Department of Justice                         | 15,318.0    | 10.0                    | 1,511.9                            | 0.0                          | 9,709.8                   | 0.0                            | 4,086.2          | 0.0                           | 0.0                      | 0.0      |
| Office of Justice Programs                    | 15,318.0    | 10.0                    | 1,511.9                            | 0.0                          | 9,709.8                   | 0.0                            | 4,086.2          | 0.0                           | 0.0                      | 0.0      |
| Department of Transportation                  | 8,405.5     | 8,032.5                 | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 373.0            | 0.0                           | 0.0                      | 0.0      |
| Federal Highway Administration                | 8,405.5     | 8,032.5                 | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 373.0            | 0.0                           | 0.0                      | 0.0      |
| Department of the Treasury                    | 113.9       | 113.9                   | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0      |
| Bureau of Engraving and Printing              | 113.9       | 113.9                   | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0      |
| Department of Veterans Affairs                | 251,344.0   | 251,344.0               | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0      |
| Other agencies                                |             |                         |                                    |                              |                           |                                |                  |                               |                          |          |
| Environmental Protection Agency               | 86,918.2    | 47,141.4                | 24,202.9                           | 0.0                          | 15,573.9                  | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0      |
| National Aeronautics and Space Administration | 2,606,006.0 | 412,997.7               | 707,693.3                          | 665.0                        | 578,278.2                 | 707,892.6                      | 172,556.7        | 19,875.7                      | 2,133.6                  | 3,913.2  |
| National Science Foundation                   | 4,652,380.0 | 86,394.4                | 165,042.0                          | 0.0                          | 3,758,850.5               | 195,624.0                      | 390,377.1        | 5,869.5                       | 22,248.9                 | 27,973.5 |
| Smithsonian Institution                       | 196,953.0   | 196,953.0               | 0.0                                | 0.0                          | 0.0                       | 0.0                            | 0.0              | 0.0                           | 0.0                      | 0.0      |

\* = amount greater than \$0 but less than \$50.

FFRDC = federally funded research and development center.

<sup>a</sup> Intramural activities cover costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.

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.