

TABLE 20

**Federal obligations for research in computer sciences and mathematics, by agency and detailed field: FY 2019**

(Dollars in thousands)

| Agency   | Total       | Computer sciences | Mathematics | Other computer sciences and mathematics |
|--|-------------|-------------------|-------------|---|
| All agencies                                     | 4,329,973.5 | 2,896,797.3       | 1,156,917.0 | 276,259.1                               |
| Departments                                      |             |                   |             |   |
| Department of Agriculture                        | 7,933.4     | 2,565.4           | 5,368.0     | 0.0                                     |
| Agricultural Research Service                    | 1,512.1     | 1,512.1           | 0.0         | 0.0                                     |
| Forest Service                                   | 1,158.3     | 1,053.3           | 105.0       | 0.0                                     |
| National Agricultural Statistics Service         | 5,263.0     | 0.0               | 5,263.0     | 0.0                                     |
| Department of Commerce                           | 160,420.1   | 137,738.4         | 9,903.8     | 12,777.8                                |
| National Institute of Standards and Technology   | 149,896.4   | 135,962.4         | 1,916.0     | 12,018.0                                |
| National Oceanic and Atmospheric Administration  | 4,677.0     | 1,559.0           | 3,118.0     | 0.0                                     |
| U.S. Census Bureau                               | 5,846.7     | 217.0             | 4,869.8     | 759.8                                   |
| Department of Defense                            | 1,756,866.1 | 1,425,602.2       | 93,704.8    | 237,559.1                               |
| Defense Advanced Research Projects Agency        | 940,606.8   | 822,390.7         | 3,701.6     | 114,514.5                               |
| Department of the Air Force                      | 201,194.7   | 94,535.4          | 37,181.2    | 69,478.1                                |
| Department of the Army                           | 236,860.8   | 193,170.5         | 10,443.8    | 33,246.6                                |
| Department of the Navy                           | 213,124.8   | 190,344.2         | 20,828.0    | 1,952.6                                 |
| Other defense agencies                           | 165,079.1   | 125,161.5         | 21,550.3    | 18,367.3                                |
| Department of Energy                             | 981,026.5   | 329,586.6         | 630,597.4   | 20,842.5                                |
| Advanced Research Projects Agency—Energy         | 20,788.8    | 20,788.8          | 0.0         | 0.0                                     |
| National Nuclear Security Administration         | 260,499.0   | 239,656.4         | 0.0         | 20,842.5                                |
| Defense Programs                                 | 238,856.4   | 238,856.4         | 0.0         | 0.0                                     |
| Office of Defense Nuclear Nonproliferation       | 21,642.5    | 800.0             | 0.0         | 20,842.5                                |
| Office of Science                                | 699,738.8   | 69,141.4          | 630,597.4   | 0.0                                     |
| Department of Health and Human Services          | 215,936.9   | 34,988.8          | 180,948.1   | 0.0                                     |
| Agency for Healthcare Research and Quality       | 43,388.9    | 34,988.8          | 8,400.1     | 0.0                                     |
| National Institutes of Health                    | 172,548.0   | 0.0               | 172,548.0   | 0.0                                     |
| Department of Homeland Security                  | 57,026.1    | 56,922.9          | 0.0         | 103.2                                   |
| Cybersecurity and Infrastructure Security Agency | 5,028.3     | 5,028.3           | 0.0         | 0.0                                     |
| Science and Technology Directorate               | 51,425.8    | 51,425.8          | 0.0         | 0.0                                     |
| U.S. Coast Guard                                 | 571.9       | 468.7             | 0.0         | 103.2                                   |
| Department of the Interior                       | 3,538.5     | 3,538.5           | 0.0         | 0.0                                     |
| Bureau of Ocean Energy Management                | 3,538.5     | 3,538.5           | 0.0         | 0.0                                     |
| Department of Justice                            | 2,170.4     | 1,326.1           | 844.4       | 0.0                                     |
| Office of Justice Programs                       | 2,170.4     | 1,326.1           | 844.4       | 0.0                                     |
| Department of Transportation                     | 54,154.1    | 54,154.1          | 0.0         | 0.0                                     |
| Federal Aviation Administration                  | 31,726.6    | 31,726.6          | 0.0         | 0.0                                     |
| National Highway Traffic Safety Administration   | 22,427.5    | 22,427.5          | 0.0         | 0.0                                     |
| Other agencies                                   |             |                   |             |   |
| Administrative Office of the U.S. Courts         | 6,448.3     | 6,448.3           | 0.0         | 0.0                                     |
| Environmental Protection Agency                  | 8,622.4     | 4,743.0           | 3,078.2     | 801.3                                   |
| Federal Communications Commission                | 75.0        | 75.0              | 0.0         | 0.0                                     |
| National Aeronautics and Space Administration    | 4,175.2     | 0.0               | 0.0         | 4,175.2                                 |
| National Archives and Records Administration     | 511.0       | 511.0             | 0.0         | 0.0                                     |
| National Science Foundation                      | 1,071,069.5 | 838,597.2         | 232,472.3   | 0.0                                     |

**Note(s):**

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 technical table A-2 for additional notes associated with the agencies listed in this table.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2019–20.