

TABLE C-28. Preliminary Federal obligations for basic research, by agency and performer: FY 2003  
(Dollars in thousands)

| Agency  | Total      | Intra-<br>mural <sup>1</sup> | Extramural                         |                         |                                   |                           |   |                          |                                |         |         |
|---|------------|------------------------------|------------------------------------|-------------------------|-----------------------------------|---------------------------|---|--------------------------|--------------------------------|---------|---------|
|   |            |                              | United States and U.S. territories |                         |                                   |                           |   |                          |                                |         | Foreign |
|   |            |                              | Industry                           | Indu-<br>stry<br>FFRDCs | Univer-<br>sities and<br>colleges | Univer-<br>sity<br>FFRDCs | Other<br>nonprofit<br>insti-<br>tutions | Non-<br>profit<br>FFRDCs | State<br>and<br>local<br>govts |         |         |
| All agencies  | 25,599,941 | 4,880,520                    | 1,434,642                          | 269,510                 | 13,568,127                        | 1,911,308                 | 2,729,105                               | 594,663                  | 91,540                         | 120,526 |         |
| Departments   |            |                              |                                    |                         |                                   |                           |   |                          |                                |         |         |
| Department of Agriculture                                 | 979,305    | 676,252                      | 199                                | 0                       | 292,848                           | 0                         | 7,386                                   | 0                        | 816                            | 1,804   |         |
| Agricultural Research Service                             | 588,087    | 549,908                      | 0                                  | 0                       | 32,998                            | 0                         | 3,300                                   | 0                        | 231                            | 1,650   |         |
| Cooperative State Research,<br>Ed., and Extension Service | 278,143    | 17,693                       | 90                                 | 0                       | 256,065                           | 0                         | 3,862                                   | 0                        | 433                            | 0       |         |
| Economic Research Service                                 | 6,867      | 6,867                        | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Foreign Agricultural Service                              | 912        | 638                          | 0                                  | 0                       | 274                               | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Forest Service  | 103,730    | 99,580                       | 109                                | 0                       | 3,511                             | 0                         | 224                                     | 0                        | 152                            | 154     |         |
| National Agricultural<br>Statistics Service               | 1,566      | 1,566                        | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Department of Commerce                                    | 78,537     | 69,971                       | 1,758                              | 0                       | 6,776                             | 0                         | 5                                       | 0                        | 0                              | 27      |         |
| Bureau of the Census                                      | 2,142      | 2,142                        | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Economic Development<br>Administration                    | 275        | 25                           | 0                                  | 0                       | 250                               | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| National Institute of<br>Standards and Technology         | 63,292     | 57,354                       | 1,700                              | 0                       | 4,206                             | 0                         | 5                                       | 0                        | 0                              | 27      |         |
| National Oceanic and<br>Atmospheric Administration        | 12,828     | 10,450                       | 58                                 | 0                       | 2,320                             | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Department of Defense                                     | 1,890,731  | 551,279                      | 269,373                            | 2,459                   | 964,706                           | 10,906                    | 51,277                                  | 12,406                   | 0                              | 28,325  |         |
| Defense Agencies  | 916,209    | 117,158                      | 125,295                            | 1,946                   | 635,048                           | 5,089                     | 26,370                                  | 4,485                    | 0                              | 818     |         |
| Chemical and Biological<br>Defense                        | 53,396     | 36,958                       | 696                                | 0                       | 13,308                            | 0                         | 2,434                                   | 0                        | 0                              | 0       |         |
| Defense Advanced Research<br>Projects Agency              | 179,081    | 12,388                       | 26,275                             | 1,146                   | 121,198                           | 5,089                     | 7,682                                   | 4,485                    | 0                              | 818     |         |
| TRICARE Management<br>Activity <sup>2</sup>               | 358,138    | 50,494                       | 72,006                             | 0                       | 224,184                           | 0                         | 11,454                                  | 0                        | 0                              | 0       |         |
| Washington Headquarters<br>Services                       | 325,594    | 17,318                       | 26,318                             | 800                     | 276,358                           | 0                         | 4,800                                   | 0                        | 0                              | 0       |         |
| Department of the Air Force                               | 360,762    | 144,539                      | 89,972                             | 0                       | 91,848                            | 3,893                     | 3,635                                   | 7,222                    | 0                              | 19,653  |         |
| Air Force, Materials<br>Command                           | 315,362    | 108,196                      | 89,972                             | 0                       | 91,848                            | 893                       | 3,635                                   | 1,165                    | 0                              | 19,653  |         |
| Air Force, Space Command                                  | 45,400     | 36,343                       | 0                                  | 0                       | 0                                 | 3,000                     | 0                                       | 6,057                    | 0                              | 0       |         |
| Department of the Army                                    | 220,581    | 149,459                      | 21,533                             | 0                       | 48,032                            | 144                       | 1,093                                   | 0                        | 0                              | 320     |         |
| Department of the Navy                                    | 393,179    | 140,123                      | 32,573                             | 513                     | 189,778                           | 1,780                     | 20,179                                  | 699                      | 0                              | 7,534   |         |
| Department of Education                                   | 5,494      | 254                          | 0                                  | 0                       | 5,240                             | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| Department of Energy                                      | 2,590,457  | 70,861                       | 129,935                            | 70,636                  | 578,327                           | 1,155,247                 | 25,906                                  | 553,046                  | 5,333                          | 1,166   |         |
| Energy Efficiency and<br>Renewable Energy                 | 59,536     | 23,267                       | 0                                  | 10,838                  | 6,118                             | 5,499                     | 1,691                                   | 12,123                   | 0                              | 0       |         |
| Fossil Energy   | 10,473     | 65                           | 0                                  | 0                       | 10,408                            | 0                         | 0                                       | 0                        | 0                              | 0       |         |
| National Nuclear Security<br>Administration               | 9,107      | 1                            | 0                                  | 2,065                   | 401                               | 3,705                     | 0                                       | 2,935                    | 0                              | 0       |         |
| Nonproliferation and<br>Verification                      | 9,107      | 1                            | 0                                  | 2,065                   | 401                               | 3,705                     | 0                                       | 2,935                    | 0                              | 0       |         |
| Office of Science   | 2,508,063  | 46,978                       | 128,745                            | 57,458                  | 561,257                           | 1,146,043                 | 24,215                                  | 537,218                  | 4,983                          | 1,166   |         |
| Other Department of Energy<br>programs                    | 3,278      | 550                          | 1,190                              | 275                     | 143                               | 0                         | 0                                       | 770                      | 350                            | 0       |         |
| Bonneville Power<br>Administration                        | 3,278      | 550                          | 1,190                              | 275                     | 143                               | 0                         | 0                                       | 770                      | 350                            | 0       |         |

See explanatory information, if any, and SOURCE at end of table.

TABLE C-28. Preliminary Federal obligations for basic research, by agency and performer: FY 2003  
(Dollars in thousands)

| Agency   | Total      | Intra-<br>mural <sup>1</sup> | Extramural                         |                         |                                   |                           |   |                          |                                |         |
|--|------------|------------------------------|------------------------------------|-------------------------|-----------------------------------|---------------------------|---|--------------------------|--------------------------------|---------|
|  |            |                              | United States and U.S. territories |                         |                                   |                           |   |                          |                                | Foreign |
|  |            |                              | Industry                           | Indu-<br>stry<br>FFRDCs | Univer-<br>sities and<br>colleges | Univer-<br>sity<br>FFRDCs | Other<br>nonprofit<br>insti-<br>tutions | Non-<br>profit<br>FFRDCs | State<br>and<br>local<br>govts |         |
| Department of Health and Human Services                    | 14,152,873 | 2,544,637                    | 627,096                            | 196,415                 | 8,352,808                         | 26,973                    | 2,233,591                               | 23,847                   | 72,041                         | 75,465  |
| Health Resources and Services Administration               | 2,068      | 2,068                        | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| National Institutes of Health                              | 14,134,805 | 2,537,569                    | 621,096                            | 196,415                 | 8,350,308                         | 26,973                    | 2,233,591                               | 23,847                   | 69,541                         | 75,465  |
| Office of the Secretary                                    | 16,000     | 5,000                        | 6,000                              | 0                       | 2,500                             | 0                         | 0                                       | 0                        | 2,500                          | 0       |
| Office of the Assistant Secretary, Planning and Evaluation | 16,000     | 5,000                        | 6,000                              | 0                       | 2,500                             | 0                         | 0                                       | 0                        | 2,500                          | 0       |
| Department of Homeland Security                            | 27,200     | 27,200                       | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Transportation Security Administration                     | 27,200     | 27,200                       | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Department of the Interior                                 | 40,934     | 39,467                       | 700                                | 0                       | 662                               | 0                         | 0                                       | 0                        | 105                            | 0       |
| Geological Survey  | 40,934     | 39,467                       | 700                                | 0                       | 662                               | 0                         | 0                                       | 0                        | 105                            | 0       |
| Department of Justice                                      | 35,000     | 1                            | 9,343                              | 0                       | 19,248                            | 0                         | 4,444                                   | 0                        | 1,964                          | 0       |
| Office of Justice Programs                                 | 35,000     | 1                            | 9,343                              | 0                       | 19,248                            | 0                         | 4,444                                   | 0                        | 1,964                          | 0       |
| Department of Labor  | 33,497     | 22,497                       | 0                                  | 0                       | 4,000                             | 0                         | 7,000                                   | 0                        | 0                              | 0       |
| Bureau of Labor Statistics                                 | 13,600     | 2,600                        | 0                                  | 0                       | 4,000                             | 0                         | 7,000                                   | 0                        | 0                              | 0       |
| Employment and Training Administration                     | 19,897     | 19,897                       | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Department of Transportation                               | 20,324     | 6,089                        | 13,230                             | 0                       | 0                                 | 0                         | 1,005                                   | 0                        | 0                              | 0       |
| Federal Highway Administration                             | 20,324     | 6,089                        | 13,230                             | 0                       | 0                                 | 0                         | 1,005                                   | 0                        | 0                              | 0       |
| Department of the Treasury                                 | 224        | 224                          | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Bureau of Engraving and Printing                           | 224        | 224                          | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Department of Veterans Affairs                             | 152,375    | 152,375                      | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |
| Other agencies   |            |                              |                                    |                         |                                   |                           |   |                          |                                |         |
| Agency for International Development                       | 100        | 15                           | 0                                  | 0                       | 1                                 | 0                         | 84                                      | 0                        | 0                              | 0       |
| Environmental Protection Agency                            | 101,100    | 47,921                       | 9,716                              | 0                       | 28,137                            | 0                         | 12,795                                  | 0                        | 2,223                          | 308     |
| National Aeronautics and Space Administration              | 2,177,850  | 548,463                      | 308,367                            | 0                       | 627,111                           | 537,585                   | 147,880                                 | 0                        | 3,129                          | 5,315   |
| National Science Foundation                                | 3,204,940  | 14,014                       | 64,925                             | 0                       | 2,688,263                         | 180,597                   | 237,732                                 | 5,364                    | 5,929                          | 8,116   |
| Smithsonian Institution                                    | 109,000    | 109,000                      | 0                                  | 0                       | 0                                 | 0                         | 0                                       | 0                        | 0                              | 0       |

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

<sup>2</sup> TRICARE Management Activity oversees delivery of healthcare to active duty and retired members of the uniformed services, their family members, and their survivors.

FFRDCs = Federally funded research and development centers.

NOTE: Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FYs 2002, 2003, and 2004.