

**Table 52. Federal obligations for applied research performed at higher education institutions, by agency and field of R&D: FY 2024**

(Dollars in thousands)

| Agency  | Total      | Computer and information sciences | Geosciences, atmospheric sciences, and ocean sciences | Life sciences | Mathematics and statistics | Physical sciences | Psychology | Social sciences | Engineering | Other fields |
|---|------------|-----------------------------------|---|---------------|----------------------------|-------------------|------------|-----------------|-------------|--------------|
| All agencies                                    | 18,456,109 | 542,239                           | 854,914   | 9,211,771     | 120,655                    | 735,536           | 1,706,932  | 1,028,804       | 2,682,163   | 1,573,094    |
| Departments                                     |            |                                   |   |               |                            |                   |            |                 |             |              |
| Department of Agriculture                       | 650,045    | 15,675                            | 12,186  | 421,299       | 3,666                      | 16,726            | 5,633      | 54,754          | 40,978      | 79,129       |
| Agricultural Marketing Service                  | 4,134      | 0                                 | 0   | 4,134         | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Agricultural Research Service                   | 101,140    | 131                               | 445   | 92,917        | 0                          | 6,493             | 0          | 243             | 910         | 0            |
| Animal and Plant Health Inspection Service      | 1,980      | 0                                 | 0   | 1,980         | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Economic Research Service                       | 160        | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 160             | 0           | 0            |
| Forest Service                                  | 18,652     | 0                                 | 1,805   | 10,007        | 319                        | 262               | 0          | 5,821           | 438         | 0            |
| National Agricultural Statistics Service        | 22         | 0                                 | 0   | 0             | 22                         | 0                 | 0          | 0               | 0           | 0            |
| National Institute of Food and Agriculture      | 509,472    | 15,543                            | 9,936   | 297,774       | 3,324                      | 9,972             | 5,633      | 48,531          | 39,629      | 79,129       |
| Natural Resources Conservation Service          | 14,487     | 0                                 | 0   | 14,487        | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Department of Commerce                          | 375,409    | 30,875                            | 235,436   | 17,466        | 774                        | 11,155            | 0          | 10,339          | 67,473      | 1,891        |
| Census Bureau                                   | 3,746      | 37                                | 0   | 0             | 599                        | 0                 | 0          | 3,109           | 0           | 0            |
| National Institute of Standards and Technology  | 100,438    | 29,090                            | 2,062   | 6,123         | 0                          | 364               | 0          | 0               | 62,799      | 0            |
| National Oceanic and Atmospheric Administration | 271,225    | 1,747                             | 233,374   | 11,343        | 175                        | 10,790            | 0          | 7,230           | 4,674       | 1,891        |
| Department of Defense                           | 1,266,424  | 195,353                           | 157,150   | 169,187       | 6,981                      | 132,100           | 9,523      | 65,127          | 509,124     | 21,878       |
| Defense Advanced Research Projects Agency       | 293,908    | 137,564                           | 14,457  | 46,623        | 0                          | 21,473            | 2,961      | 0               | 61,869      | 8,961        |
| Defense Health Agency                           | 64,516     | 0                                 | 0   | 64,516        | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Department of the Air Force                     | 246,071    | 514                               | 0   | 160           | 64                         | 71,820            | 0          | 0               | 173,178     | 334          |
| Air Force                                       | 246,071    | 514                               | 0   | 160           | 64                         | 71,820            | 0          | 0               | 173,178     | 334          |
| Department of the Army                          | 214,048    | 24,770                            | 144   | 23,493        | 6,389                      | 939               | 5,596      | 64,886          | 87,831      | 0            |
| Department of the Navy                          | 401,581    | 29,907                            | 142,549   | 23,492        | 527                        | 24,650            | 966        | 241             | 177,510     | 1,738        |
| Other defense agencies                          | 46,299     | 2,598                             | 0   | 10,904        | 0                          | 13,218            | 0          | 0               | 8,735       | 10,844       |
| Department of Education                         | 169,394    | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 0           | 169,394      |
| Department of Energy                            | 652,650    | 31,531                            | 27,271  | 3,253         | 0                          | 64,295            | 0          | 0               | 526,300     | 0            |
| Advanced Research Projects Agency—Energy        | 87,130     | 274                               | 0   | 3,253         | 0                          | 11,417            | 0          | 0               | 72,186      | 0            |
| Electricity Delivery and Energy Reliability     | 769        | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 769         | 0            |
| Energy Efficiency and Renewable Energy          | 205,227    | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 205,227     | 0            |
| Environmental Management                        | 1,191      | 0                                 | 1,191   | 0             | 0                          | 0                 | 0          | 0               | 0           | 0            |

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|--|------------|-----------------------------------|---|---------------|----------------------------|-------------------|------------|-----------------|-------------|--------------|
| Fossil Energy  | 274,528    | 0                                 | 26,080  | 0             | 0                          | 43,650            | 0          | 0               | 204,798     | 0            |
| National Nuclear Security Administration                         | 9,303      | 0                                 | 0   | 0             | 0                          | 9,228             | 0          | 0               | 75          | 0            |
| Defense Programs   | 7,811      | 0                                 | 0   | 0             | 0                          | 7,736             | 0          | 0               | 75          | 0            |
| Office of Defense Nuclear Nonproliferation                       | 1,492      | 0                                 | 0   | 0             | 0                          | 1,492             | 0          | 0               | 0           | 0            |
| Nuclear Energy   | 43,245     | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 43,245      | 0            |
| Office of Cybersecurity, Energy Security, and Emergency Response | 31,256     | 31,256                            | 0   | 0             | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Department of Health and Human Services                          | 13,802,747 | 115,575                           | 264,644   | 8,551,155     | 107,174                    | 449,091           | 1,681,529  | 844,880         | 1,116,262   | 672,437      |
| Administration for Children and Families                         | 1,600      | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 1,600           | 0           | 0            |
| Administration for Community Living                              | 76,469     | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 76,469          | 0           | 0            |
| Advanced Research Projects Agency for Health                     | 555,339    | 115,575                           | 0   | 286,288       | 0                          | 27,232            | 0          | 0               | 109,301     | 16,943       |
| Agency for Healthcare Research and Quality                       | 115,908    | 0                                 | 0   | 115,908       | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Agency for Toxic Substances and Disease Registry                 | 1,518      | 0                                 | 1,518   | 0             | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Biomedical Advanced Research and Development Authority           | 56,195     | 0                                 | 0   | 56,195        | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Centers for Disease Control and Prevention                       | 143,571    | 0                                 | 0   | 103,264       | 0                          | 15                | 0          | 40,292          | 0           | 0            |
| Food and Drug Administration                                     | 90,790     | 0                                 | 0   | 90,790        | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Health Resources and Services Administration                     | 42,855     | 0                                 | 0   | 42,855        | 0                          | 0                 | 0          | 0               | 0           | 0            |
| National Institutes of Health                                    | 12,718,419 | 0                                 | 263,125   | 7,855,854     | 107,174                    | 421,844           | 1,681,529  | 726,438         | 1,006,961   | 655,494      |
| Office of the Secretary of Health and Human Services             | 82         | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 82              | 0           | 0            |
| Office of the Assistant Secretary for Planning and Evaluation    | 82         | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 82              | 0           | 0            |
| Department of Homeland Security                                  | 16,916     | 0                                 | 9,200   | 3,764         | 0                          | 1,577             | 0          | 0               | 2,375       | 0            |
| Coast Guard  | 58         | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 58          | 0            |
| Countering Weapons of Mass Destruction Office                    | 1,577      | 0                                 | 0   | 0             | 0                          | 1,577             | 0          | 0               | 0           | 0            |
| Science and Technology Directorate                               | 15,281     | 0                                 | 9,200   | 3,764         | 0                          | 0                 | 0          | 0               | 2,317       | 0            |
| Department of the Interior                                       | 69,101     | 0                                 | 48,747  | 9,046         | 0                          | 487               | 0          | 0               | 10,571      | 250          |

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| Bureau of Land Management                              | 4,066   | 0                                 | 0   | 4,066         | 0                          | 0                 | 0          | 0               | 0           | 0            |
| Bureau of Reclamation                                  | 8,800   | 0                                 | 0   | 436           | 0                          | 0                 | 0          | 0               | 8,365       | 0            |
| Bureau of Safety and Environmental Enforcement         | 2,694   | 0                                 | 0   | 0             | 0                          | 487               | 0          | 0               | 2,207       | 0            |
| Geological Survey                                      | 48,747  | 0                                 | 48,747  | 0             | 0                          | 0                 | 0          | 0               | 0           | 0            |
| National Park Service                                  | 4,795   | 0                                 | 0   | 4,545         | 0                          | 0                 | 0          | 0               | 0           | 250          |
| Department of Justice                                  | 39,181  | 880                               | 0   | 3,661         | 304                        | 5,638             | 412        | 28,060          | 0           | 227          |
| Office of Justice Programs                             | 39,181  | 880                               | 0   | 3,661         | 304                        | 5,638             | 412        | 28,060          | 0           | 227          |
| Department of Transportation                           | 147,231 | 7,450                             | 4,436   | 211           | 913                        | 0                 | 9,835      | 8,615           | 114,072     | 1,697        |
| Federal Aviation Administration                        | 45,519  | 1,843                             | 4,436   | 211           | 913                        | 0                 | 3,116      | 8,615           | 26,385      | 0            |
| Federal Highway Administration                         | 73,363  | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 73,363      | 0            |
| Federal Railroad Administration                        | 7,305   | 5,607                             | 0   | 0             | 0                          | 0                 | 0          | 0               | 0           | 1,697        |
| Federal Transit Administration                         | 10,425  | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 10,425      | 0            |
| National Highway Traffic Safety Administration         | 6,719   | 0                                 | 0   | 0             | 0                          | 0                 | 6,719      | 0               | 0           | 0            |
| Pipeline and Hazardous Materials Safety Administration | 3,899   | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 3,899       | 0            |
| Other agencies   |         |                                   |   |               |                            |                   |            |                 |             |              |
| Agency for International Development                   | 99,289  | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 0           | 99,289       |
| Appalachian Regional Commission                        | 325     | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 325             | 0           | 0            |
| Environmental Protection Agency                        | 48,450  | 664                               | 19,969  | 19,141        | 368                        | 1,157             | 0          | 280             | 6,871       | 0            |
| National Aeronautics and Space Administration          | 231,533 | 0                                 | 67,873  | 0             | 0                          | 32,975            | 0          | 0               | 109,434     | 21,251       |
| National Science Foundation                            | 849,683 | 144,237                           | 8,003   | 13,588        | 475                        | 20,336            | 0          | 1,575           | 155,819     | 505,651      |
| Nuclear Regulatory Commission                          | 22,882  | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 0               | 22,882      | 0            |
| Social Security Administration                         | 14,849  | 0                                 | 0   | 0             | 0                          | 0                 | 0          | 14,849          | 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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://nces.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.