

TABLE 16

**Federal obligations for science and engineering R&D plant to universities and colleges, by state, outlying area, institution, and agency: FY 2022**

(Dollars in thousands)

| State, outlying area, and institution                 | All agencies | DOE | DOT | HHS     | NSF     |
|---|--------------|-----|-----|---------|---------|
| All states and outlying areas                         | 512,849      | 66  | 831 | 157,980 | 353,971 |
| Alabama   | 12,913       | 0   | 54  | 12,262  | 597     |
| Tuskegee U.   | 8,163        | 0   | 54  | 7,932   | 177     |
| U. Alabama, The, Birmingham                           | 4,750        | 0   | 0   | 4,330   | 420     |
| Alaska  | 210          | 0   | 0   | 0       | 210     |
| U. Alaska, Fairbanks                                  | 210          | 0   | 0   | 0       | 210     |
| Arizona   | 12,453       | 0   | 0   | 0       | 12,453  |
| Arizona State U.                                      | 7,611        | 0   | 0   | 0       | 7,611   |
| U. Arizona  | 4,842        | 0   | 0   | 0       | 4,842   |
| Arkansas  | 18,436       | 0   | 0   | 7,975   | 10,461  |
| Arkansas State U., Jonesboro                          | 586          | 0   | 0   | 0       | 586     |
| U. Arkansas for Medical Sciences                      | 7,975        | 0   | 0   | 7,975   | 0       |
| U. Arkansas, Fayetteville                             | 9,875        | 0   | 0   | 0       | 9,875   |
| California  | 21,815       | 0   | 97  | 3,870   | 17,849  |
| California Institute of Technology                    | 1,312        | 0   | 0   | 0       | 1,312   |
| California State U., Bakersfield                      | 520          | 0   | 0   | 0       | 520     |
| California State U., Chico                            | 582          | 0   | 0   | 0       | 582     |
| California State U., Fresno                           | 97           | 0   | 97  | 0       | 0       |
| California State U., Sacramento                       | 203          | 0   | 0   | 0       | 203     |
| Santa Clara U.  | 332          | 0   | 0   | 0       | 332     |
| Scripps Research Institute, The                       | 3,870        | 0   | 0   | 3,870   | 0       |
| U. California, Berkeley                               | 1,642        | 0   | 0   | 0       | 1,642   |
| U. California, Davis                                  | 536          | 0   | 0   | 0       | 536     |
| U. California, Irvine                                 | 2,930        | 0   | 0   | 0       | 2,930   |
| U. California, Merced                                 | 280          | 0   | 0   | 0       | 280     |
| U. California, Riverside                              | 660          | 0   | 0   | 0       | 660     |
| U. California, San Diego                              | 5,424        | 0   | 0   | 0       | 5,424   |
| U. California, Santa Barbara                          | 2,848        | 0   | 0   | 0       | 2,848   |
| U. California, Santa Cruz                             | 580          | 0   | 0   | 0       | 580     |
| Colorado  | 5,733        | 0   | 0   | 3,193   | 2,540   |
| Colorado State U., Fort Collins                       | 3,193        | 0   | 0   | 3,193   | 0       |
| U. Colorado Boulder                                   | 2,540        | 0   | 0   | 0       | 2,540   |
| Connecticut   | 13,632       | 0   | 0   | 0       | 13,632  |
| U. Connecticut  | 11,132       | 0   | 0   | 0       | 11,132  |
| Yale U.   | 2,500        | 0   | 0   | 0       | 2,500   |
| Delaware  | 1,286        | 0   | 12  | 0       | 1,275   |
| U. Delaware   | 1,286        | 0   | 12  | 0       | 1,275   |
| District of Columbia                                  | 47,488       | 0   | 0   | 0       | 47,488  |
| Association of Universities for Research in Astronomy | 47,488       | 0   | 0   | 0       | 47,488  |
| Florida   | 23,509       | 0   | 0   | 0       | 23,509  |
| Florida A&M U.  | 373          | 0   | 0   | 0       | 373     |
| Florida Atlantic U.                                   | 6            | 0   | 0   | 0       | 6       |
| Florida International U.                              | 12,836       | 0   | 0   | 0       | 12,836  |
| Florida State U.                                      | 7,919        | 0   | 0   | 0       | 7,919   |
| U. Central Florida                                    | 469          | 0   | 0   | 0       | 469     |
| U. Florida  | 982          | 0   | 0   | 0       | 982     |
| U. Miami  | 924          | 0   | 0   | 0       | 924     |
| Georgia   | 6,591        | 0   | 0   | 0       | 6,591   |
| Berry C.  | 109          | 0   | 0   | 0       | 109     |
| Georgia Institute of Technology                       | 4,244        | 0   | 0   | 0       | 4,244   |

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| State, outlying area, and institution    | All agencies | DOE | DOT | HHS    | NSF    |
|--|--------------|-----|-----|--------|--------|
| Georgia Southern U.                      | 298          | 0   | 0   | 0      | 298    |
| Georgia State U.                         | 1,744        | 0   | 0   | 0      | 1,744  |
| U. Georgia                               | 196          | 0   | 0   | 0      | 196    |
| Hawaii                                   | 601          | 0   | 0   | 0      | 601    |
| Hawai'i Pacific U.                       | 37           | 0   | 0   | 0      | 37     |
| U. Hawaii, Manoa                         | 565          | 0   | 0   | 0      | 565    |
| Idaho                                    | 12,492       | 5   | 0   | 0      | 12,487 |
| Boise State U.                           | 1,262        | 0   | 0   | 0      | 1,262  |
| Idaho State U.                           | 780          | 5   | 0   | 0      | 775    |
| U. Idaho                                 | 10,451       | 0   | 0   | 0      | 10,451 |
| Illinois                                 | 18,506       | 0   | 90  | 11,235 | 7,181  |
| Loyola U., Chicago                       | 168          | 0   | 0   | 0      | 168    |
| Northwestern U., Evanston                | 697          | 0   | 0   | 0      | 697    |
| U. Chicago, The                          | 13,171       | 0   | 0   | 11,235 | 1,936  |
| U. Illinois, Chicago                     | 4,080        | 0   | 90  | 0      | 3,990  |
| U. Illinois, Urbana-Champaign            | 390          | 0   | 0   | 0      | 390    |
| Indiana                                  | 689          | 0   | 0   | 0      | 689    |
| Ball State U.                            | 184          | 0   | 0   | 0      | 184    |
| Purdue U., West Lafayette                | 16           | 0   | 0   | 0      | 16     |
| U. Notre Dame                            | 287          | 0   | 0   | 0      | 287    |
| Valparaiso U.                            | 202          | 0   | 0   | 0      | 202    |
| Iowa                                     | 9,598        | 0   | 0   | 7,975  | 1,623  |
| Coe C.                                   | 262          | 0   | 0   | 0      | 262    |
| Grinnell C.                              | 900          | 0   | 0   | 0      | 900    |
| U. Iowa                                  | 8,437        | 0   | 0   | 7,975  | 462    |
| Kansas                                   | 1,604        | 0   | 0   | 0      | 1,604  |
| U. Kansas, Lawrence                      | 998          | 0   | 0   | 0      | 998    |
| Wichita State U.                         | 606          | 0   | 0   | 0      | 606    |
| Kentucky                                 | 3,247        | 0   | 0   | 1,220  | 2,027  |
| Murray State U.                          | 522          | 0   | 0   | 0      | 522    |
| U. Kentucky                              | 1,137        | 0   | 0   | 0      | 1,137  |
| U. Louisville                            | 1,588        | 0   | 0   | 1,220  | 369    |
| Louisiana                                | 17,017       | 0   | 0   | 11,943 | 5,075  |
| Louisiana State U., system office        | 758          | 0   | 0   | 0      | 758    |
| Louisiana Tech U.                        | 49           | 0   | 0   | 0      | 49     |
| Louisiana Universities Marine Consortium | 63           | 0   | 0   | 0      | 63     |
| Tulane U.                                | 14,147       | 0   | 0   | 9,943  | 4,204  |
| U. Louisiana at Lafayette                | 2,000        | 0   | 0   | 2,000  | 0      |
| Maryland                                 | 7,048        | 0   | 0   | 5,500  | 1,548  |
| Johns Hopkins U.                         | 5,500        | 0   | 0   | 5,500  | 0      |
| Loyola U., Maryland                      | 412          | 0   | 0   | 0      | 412    |
| U. Maryland, College Park                | 1,135        | 0   | 0   | 0      | 1,135  |
| Massachusetts                            | 37,453       | 0   | 75  | 12,981 | 24,397 |
| Boston U.                                | 1,376        | 0   | 0   | 0      | 1,376  |
| Brandeis U.                              | 150          | 0   | 0   | 0      | 150    |
| Harvard U.                               | 421          | 0   | 0   | 0      | 421    |
| Massachusetts Institute of Technology    | 1,161        | 0   | 75  | 0      | 1,086  |
| Northeast Radio Observatory Corp.        | 2,000        | 0   | 0   | 0      | 2,000  |
| Northeastern U.                          | 10,916       | 0   | 0   | 0      | 10,916 |
| Tufts U.                                 | 8,987        | 0   | 0   | 8,987  | 0      |

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(Dollars in thousands)

| State, outlying area, and institution   | All agencies | DOE | DOT | HHS    | NSF    |
|---|--------------|-----|-----|--------|--------|
| U. Massachusetts, Amherst               | 2,326        | 0   | 0   | 0      | 2,326  |
| U. Massachusetts, Lowell                | 128          | 0   | 0   | 0      | 128    |
| U. Massachusetts, Medical School        | 3,994        | 0   | 0   | 3,994  | 0      |
| Woods Hole Oceanographic Institution    | 5,985        | 0   | 0   | 0      | 5,985  |
| Worcester Polytechnic Institute         | 9            | 0   | 0   | 0      | 9      |
| Michigan                                | 10,137       | 0   | 23  | 0      | 10,113 |
| Lake Superior State U.                  | 198          | 0   | 0   | 0      | 198    |
| Michigan State U.                       | 589          | 0   | 0   | 0      | 589    |
| Michigan Technological U.               | 456          | 0   | 23  | 0      | 432    |
| Oakland U.                              | 315          | 0   | 0   | 0      | 315    |
| U. Michigan                             | 8,579        | 0   | 0   | 0      | 8,579  |
| Minnesota                               | 980          | 0   | 0   | 0      | 980    |
| Concordia C., Moorhead                  | 303          | 0   | 0   | 0      | 303    |
| U. Minnesota                            | 677          | 0   | 0   | 0      | 677    |
| Mississippi                             | 2,742        | 0   | 0   | 0      | 2,742  |
| Mississippi State U.                    | 2,742        | 0   | 0   | 0      | 2,742  |
| Missouri                                | 11,530       | 0   | 0   | 10,310 | 1,220  |
| Missouri State U., Springfield          | 384          | 0   | 0   | 0      | 384    |
| U. Missouri, Columbia                   | 11,147       | 0   | 0   | 10,310 | 836    |
| Montana                                 | 1,094        | 0   | 0   | 0      | 1,094  |
| Montana Technological U.                | 1,000        | 0   | 0   | 0      | 1,000  |
| U. Montana, Missoula                    | 94           | 0   | 0   | 0      | 94     |
| Nebraska                                | 4,265        | 0   | 0   | 3,907  | 358    |
| U. Nebraska, Lincoln                    | 358          | 0   | 0   | 0      | 358    |
| U. Nebraska, Medical Center             | 3,907        | 0   | 0   | 3,907  | 0      |
| Nevada                                  | 1,371        | 0   | 0   | 0      | 1,371  |
| U. Nevada, Las Vegas                    | 377          | 0   | 0   | 0      | 377    |
| U. Nevada, Reno                         | 994          | 0   | 0   | 0      | 994    |
| New Hampshire                           | 1,030        | 0   | 0   | 0      | 1,030  |
| Dartmouth C.                            | 1,030        | 0   | 0   | 0      | 1,030  |
| New Jersey                              | 9,050        | 31  | 85  | 1,913  | 7,020  |
| Montclair State U.                      | 210          | 0   | 0   | 0      | 210    |
| New Jersey Institute of Technology      | 587          | 0   | 0   | 0      | 587    |
| Princeton U.                            | 5,605        | 31  | 0   | 0      | 5,573  |
| Rutgers, The State U. New Jersey        | 2,648        | 0   | 85  | 1,913  | 650    |
| New Mexico                              | 9,250        | 0   | 0   | 7,085  | 2,166  |
| New Mexico State U., Las Cruces         | 8,641        | 0   | 0   | 7,085  | 1,556  |
| U. New Mexico                           | 610          | 0   | 0   | 0      | 610    |
| New York                                | 51,105       | 0   | 0   | 19,368 | 31,738 |
| Albert Einstein C. Medicine             | 7,101        | 0   | 0   | 7,101  | 0      |
| Columbia U. in the City of New York     | 4,346        | 0   | 0   | 0      | 4,346  |
| Cornell U., Ithaca                      | 16,215       | 0   | 0   | 0      | 16,215 |
| CUNY, C. Staten Island                  | 724          | 0   | 0   | 0      | 724    |
| CUNY, City C.                           | 234          | 0   | 0   | 0      | 234    |
| CUNY, Queens C.                         | 573          | 0   | 0   | 0      | 573    |
| Icahn School of Medicine at Mount Sinai | 2,314        | 0   | 0   | 2,314  | 0      |
| Ithaca C.                               | 250          | 0   | 0   | 0      | 250    |
| New York U.                             | 3,327        | 0   | 0   | 0      | 3,327  |
| Rensselaer Polytechnic Institute, Troy  | 479          | 0   | 0   | 0      | 479    |
| Rockefeller U., The                     | 7,019        | 0   | 0   | 7,019  | 0      |

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|--|--------------|-----|-----|--------|--------|
| State U. New York at Fredonia, The                 | 337          | 0   | 0   | 0      | 337    |
| State U. New York, The, Albany                     | 1,099        | 0   | 0   | 0      | 1,099  |
| State U. New York, The, U. at Buffalo              | 493          | 0   | 0   | 0      | 493    |
| Stony Brook U.                                     | 5,521        | 0   | 0   | 2,933  | 2,588  |
| SUNY, C. Brockport, The                            | 310          | 0   | 0   | 0      | 310    |
| Syracuse U., Syracuse                              | 159          | 0   | 0   | 0      | 159    |
| U. Rochester                                       | 605          | 0   | 0   | 0      | 605    |
| North Carolina                                     | 7,608        | 0   | 0   | 3,265  | 4,343  |
| Duke U.  | 3,447        | 0   | 0   | 3,265  | 182    |
| North Carolina Agricultural and Technical State U. | 680          | 0   | 0   | 0      | 680    |
| North Carolina State U.                            | 595          | 0   | 0   | 0      | 595    |
| U. North Carolina, The, Chapel Hill                | 1,386        | 0   | 0   | 0      | 1,386  |
| U. North Carolina, The, Wilmington                 | 1,501        | 0   | 0   | 0      | 1,501  |
| North Dakota                                       | 14           | 0   | 14  | 0      | 0      |
| U. North Dakota                                    | 14           | 0   | 14  | 0      | 0      |
| Ohio   | 3,342        | 0   | 0   | 0      | 3,342  |
| Cleveland State U.                                 | 434          | 0   | 0   | 0      | 434    |
| Muskingum U.                                       | 39           | 0   | 0   | 0      | 39     |
| Ohio State U., The                                 | 1,236        | 0   | 0   | 0      | 1,236  |
| Ohio U.  | 757          | 0   | 0   | 0      | 757    |
| U. Akron, The, Akron                               | 525          | 0   | 0   | 0      | 525    |
| U. Dayton  | 351          | 0   | 0   | 0      | 351    |
| Oklahoma   | 5,227        | 0   | 32  | 0      | 5,195  |
| Oklahoma State U., Stillwater                      | 4,628        | 0   | 32  | 0      | 4,596  |
| U. Tulsa   | 599          | 0   | 0   | 0      | 599    |
| Oregon   | 40,544       | 0   | 12  | 0      | 40,532 |
| Oregon State U.                                    | 39,704       | 0   | 12  | 0      | 39,692 |
| Southern Oregon U.                                 | 449          | 0   | 0   | 0      | 449    |
| U. Oregon, Eugene                                  | 391          | 0   | 0   | 0      | 391    |
| Pennsylvania                                       | 18,389       | 0   | 31  | 10,811 | 7,547  |
| Bucknell U.  | 350          | 0   | 0   | 0      | 350    |
| Drexel U.  | 1,244        | 0   | 0   | 0      | 1,244  |
| Lehigh U.  | 2,298        | 0   | 0   | 0      | 2,298  |
| Pennsylvania State U.                              | 1,871        | 0   | 31  | 0      | 1,840  |
| Temple U.  | 740          | 0   | 0   | 0      | 740    |
| U. Pennsylvania                                    | 375          | 0   | 0   | 0      | 375    |
| U. Pittsburgh                                      | 11,119       | 0   | 0   | 10,811 | 309    |
| West Chester U. Pennsylvania                       | 392          | 0   | 0   | 0      | 392    |
| South Carolina                                     | 874          | 0   | 23  | 0      | 850    |
| U. South Carolina                                  | 874          | 0   | 23  | 0      | 850    |
| South Dakota                                       | 1,527        | 0   | 0   | 0      | 1,527  |
| South Dakota School of Mines & Technology          | 548          | 0   | 0   | 0      | 548    |
| South Dakota State U.                              | 979          | 0   | 0   | 0      | 979    |
| Tennessee  | 12,748       | 30  | 68  | 11,997 | 653    |
| Meharry Medical C.                                 | 2,000        | 0   | 0   | 2,000  | 0      |
| Middle Tennessee State U.                          | 253          | 0   | 0   | 0      | 253    |
| Oak Ridge Associated Universities                  | 30           | 30  | 0   | 0      | 0      |
| Rhodes C., Memphis                                 | 400          | 0   | 0   | 0      | 400    |
| U. Memphis, The                                    | 25           | 0   | 25  | 0      | 0      |
| U. Tennessee, The, Health Science Center           | 2,022        | 0   | 0   | 2,022  | 0      |

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|---|--------------|-----|-----|-------|--------|
| U. Tennessee, The, Knoxville                | 44           | 0   | 44  | 0     | 0      |
| Vanderbilt U.                               | 7,975        | 0   | 0   | 7,975 | 0      |
| Texas                                       | 24,002       | 0   | 49  | 7,132 | 16,820 |
| Rice U.                                     | 548          | 0   | 0   | 0     | 548    |
| Texas A&M U.-Commerce                       | 144          | 0   | 0   | 0     | 144    |
| Texas A&M U.-Corpus Christi                 | 1,425        | 0   | 0   | 0     | 1,425  |
| Texas State U.                              | 387          | 0   | 0   | 0     | 387    |
| U. Houston, System Administration           | 32           | 0   | 32  | 0     | 0      |
| U. Texas Medical Branch at Galveston, The   | 7,132        | 0   | 0   | 7,132 | 0      |
| U. Texas, The, Austin                       | 11,077       | 0   | 17  | 0     | 11,060 |
| U. Texas, The, Dallas                       | 2,836        | 0   | 0   | 0     | 2,836  |
| U. Texas, The, El Paso                      | 420          | 0   | 0   | 0     | 420    |
| Utah  | 2,517        | 0   | 0   | 0     | 2,517  |
| Brigham Young U., Provo                     | 1,027        | 0   | 0   | 0     | 1,027  |
| U. Utah, The                                | 1,490        | 0   | 0   | 0     | 1,490  |
| Virginia                                    | 9,983        | 0   | 165 | 4,040 | 5,778  |
| Christopher Newport U.                      | 306          | 0   | 0   | 0     | 306    |
| George Mason U.                             | 4,040        | 0   | 0   | 4,040 | 0      |
| James Madison U.                            | 1,482        | 0   | 0   | 0     | 1,482  |
| Norfolk State U.                            | 251          | 0   | 0   | 0     | 251    |
| Old Dominion U.                             | 610          | 0   | 0   | 0     | 610    |
| U. Virginia                                 | 642          | 0   | 0   | 0     | 642    |
| Virginia Polytechnic Institute and State U. | 2,370        | 0   | 165 | 0     | 2,205  |
| William & Mary                              | 282          | 0   | 0   | 0     | 282    |
| Washington                                  | 2,189        | 0   | 0   | 0     | 2,189  |
| U. Washington                               | 1,033        | 0   | 0   | 0     | 1,033  |
| Washington State U.                         | 500          | 0   | 0   | 0     | 500    |
| Western Washington U.                       | 656          | 0   | 0   | 0     | 656    |
| West Virginia                               | 40           | 0   | 0   | 0     | 40     |
| West Virginia U.                            | 40           | 0   | 0   | 0     | 40     |
| Wisconsin                                   | 7,824        | 0   | 0   | 0     | 7,824  |
| U. Wisconsin-Madison                        | 7,285        | 0   | 0   | 0     | 7,285  |
| U. Wisconsin-Milwaukee                      | 539          | 0   | 0   | 0     | 539    |
| Puerto Rico                                 | 304          | 0   | 0   | 0     | 304    |
| U. Puerto Rico, Cayey                       | 304          | 0   | 0   | 0     | 304    |
| U.S. Virgin Islands                         | 841          | 0   | 0   | 0     | 841    |
| U. Virgin Islands                           | 841          | 0   | 0   | 0     | 841    |

DOE = Department of Energy; DOT = Department of Transportation; HHS = Department of Health and Human Services; NSF = National Science Foundation.

**Note(s):**

Detail may not add to total because of rounding. Only states, areas, or agencies that had obligations in the variables represented by this table appear in the table.

**Source(s):**

National Center for Science and Engineering Statistics, Federal Science and Engineering Support FY 2022 module of the FYs 2022–23 Survey of Federal Funds for Research and Development.