

TABLE 21. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2015  
(Dollars)

| Department or agency   | Total         | Federal government | State and all others <sup>a</sup> |
|--|---------------|--------------------|-----------------------------------|
| United States <sup>b</sup>   | 2,205,146,613 | 483,983,700        | 1,721,162,913                     |
| Alabama  | 24,486,963    | 8,931,316          | 15,555,647                        |
| Choctawhatchee, Pea and Yellow River Watershed Management Authority              | 6,340         | 0                  | 6,340                             |
| Education, Department of   | 46,000        | 0                  | 46,000                            |
| Forensic Sciences, Department of   | 120,724       | 0                  | 120,724                           |
| Geological Survey  | 2,355,251     | 555,978            | 1,799,273                         |
| Innovation Fund  | 5,950,371     | 0                  | 5,950,371                         |
| Marine Environmental Science Consortium, Dauphin Island Sea Lab                  | 3,645,662     | 1,029,589          | 2,616,073                         |
| Supercomputer Authority  | 3,788,249     | 0                  | 3,788,249                         |
| Transportation, Department of  | 8,574,366     | 7,345,749          | 1,228,617                         |
| Alaska   | 11,258,203    | 2,812,832          | 8,445,371                         |
| Natural Resources, Division of Geological and Geophysical Surveys, Department of | 9,257,543     | 1,060,458          | 8,197,085                         |
| Transportation and Public Facilities, Department of                              | 2,000,660     | 1,752,374          | 248,286                           |
| Arizona  | 14,942,124    | 8,321,298          | 6,620,826                         |
| Agriculture, Department of   | 818,816       | 705,057            | 113,759                           |
| Game and Fish Department   | 4,313,702     | 4,087,121          | 226,581                           |
| Geological Survey  | 3,256,000     | 2,522,000          | 734,000                           |
| Health Services, Department of   | 5,294,706     | 0                  | 5,294,706                         |
| Transportation, Department of  | 1,258,900     | 1,007,120          | 251,780                           |
| Arkansas   | 16,642,711    | 6,238,800          | 10,403,911                        |
| Beef Council   | 40,750        | 0                  | 40,750                            |
| Catfish Promotion Board  | 27,560        | 0                  | 27,560                            |
| Corn and Grain Sorghum Board   | 779,000       | 0                  | 779,000                           |
| Economic Development Commission  | 8,067,653     | 5,050,000          | 3,017,653                         |
| Rice Research and Promotion Board  | 2,996,500     | 0                  | 2,996,500                         |
| Soybean Promotion Board  | 3,100,707     | 0                  | 3,100,707                         |
| State Highway and Transportation Department                                      | 1,486,000     | 1,188,800          | 297,200                           |
| Wheat Promotion Board  | 144,541       | 0                  | 144,541                           |
| California   | 500,071,595   | 20,343,864         | 479,727,731                       |
| Air Resources Board  | 18,218,725    | 0                  | 18,218,725                        |
| Children and Families Commission   | 935,000       | 0                  | 935,000                           |
| Community Services and Development, Department of                                | 100,000       | 100,000            | 0                                 |
| Corrections and Rehabilitation, Department of                                    | 6,300,000     | 0                  | 6,300,000                         |
| Delta Stewardship Council  | 2,850,000     | 0                  | 2,850,000                         |
| Energy Commission  | 194,354,000   | 0                  | 194,354,000                       |
| Environmental Health Hazard Assessment, Office of                                | 11,795,522    | 0                  | 11,795,522                        |
| Fish and Wildlife, Department of   | 360,000       | 0                  | 360,000                           |
| Food and Agriculture, Department of  | 4,041,669     | 88,098             | 3,953,571                         |
| Forestry and Fire Protection, Department of                                      | 1,143,564     | 0                  | 1,143,564                         |
| Horse Racing Board   | 659,000       | 0                  | 659,000                           |
| Industrial Relations, Department of  | 40,682        | 0                  | 40,682                            |
| Institute for Regenerative Medicine  | 198,649,268   | 0                  | 198,649,268                       |
| Motor Vehicles, Department of  | 1,287,082     | 344,839            | 942,243                           |
| Pesticide Regulation, Department of  | 10,211,000    | 72,000             | 10,139,000                        |
| Public Health, Environmental Health Laboratory Branch, Department of             | 250,000       | 100,000            | 150,000                           |
| Public Health, Food and Drug Branch, Science and Education, Department of        | 1,000,000     | 0                  | 1,000,000                         |
| Public Health, Genetic Disease, Department of                                    | 603,000       | 400,000            | 203,000                           |
| Public Utilities Commission, Communications Division                             | 1,135,474     | 908,379            | 227,095                           |
| Resources Recycling and Recovery, Department of                                  | 1,844,832     | 0                  | 1,844,832                         |
| Seismic Safety Commission  | 920,490       | 0                  | 920,490                           |
| Social Services, Department of   | 100,826       | 66,606             | 34,220                            |
| State Coastal Conservancy  | 73,833        | 0                  | 73,833                            |
| State Water Resources Control Board  | 650,000       | 0                  | 650,000                           |
| Transportation, Department of  | 34,951,005    | 18,163,942         | 16,787,063                        |
| Water Resources, Department of   | 7,596,623     | 100,000            | 7,496,623                         |

TABLE 21. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2015  
(Dollars)

| Department or agency                                       | Total       | Federal government | State and all others <sup>a</sup> |
|--|-------------|--------------------|-----------------------------------|
| Colorado   | 16,321,056  | 3,668,094          | 12,652,962                        |
| Economic Development and International Trade, Office of    | 2,809,069   | 0                  | 2,809,069                         |
| Higher Education Competitive, Research Authority           | 2,314,761   | 0                  | 2,314,761                         |
| Natural Resources, Department of                           | 6,928,752   | 1,888,034          | 5,040,718                         |
| Public Health and Environment, Department of               | 1,156,437   | 0                  | 1,156,437                         |
| Public Safety, Department of                               | 992,092     | 222,092            | 770,000                           |
| Transportation, Department of                              | 1,896,210   | 1,557,968          | 338,242                           |
| Wine Industry Development Board                            | 223,735     | 0                  | 223,735                           |
| Connecticut  | 55,816,528  | 13,036,055         | 42,780,473                        |
| Aging, Department on                                       | 62,752      | 62,752             | 0                                 |
| Agricultural Experiment Station                            | 10,842,422  | 4,295,334          | 6,547,088                         |
| Energy and Environmental Protection, Department of         | 6,725,328   | 5,126,613          | 1,598,715                         |
| Innovation Inc.  | 18,820,358  | 0                  | 18,820,358                        |
| Mental Health and Addiction Services, Department of        | 5,203,948   | 737,454            | 4,466,494                         |
| Public Health, Department of                               | 7,387,895   | 0                  | 7,387,895                         |
| Social Services, Department of                             | 1,363,958   | 973,552            | 390,406                           |
| Transportation, Department of                              | 5,409,867   | 1,840,350          | 3,569,517                         |
| Delaware   | 2,199,635   | 862,471            | 1,337,164                         |
| Geological Survey  | 1,672,991   | 404,505            | 1,268,486                         |
| Natural Resources and Environmental Control, Department of | 375,023     | 375,023            | 0                                 |
| Sustainable Energy Unit                                    | 10,000      | 0                  | 10,000                            |
| Transportation, Department of                              | 141,621     | 82,943             | 58,678                            |
| District of Columbia                                       | 3,216,073   | 1,035,397          | 2,180,676                         |
| Health, Department of                                      | 312,696     | 312,696            | 0                                 |
| Transportation, Department of                              | 903,377     | 722,701            | 180,676                           |
| Water and Sewer Authority                                  | 2,000,000   | 0                  | 2,000,000                         |
| Florida  | 191,598,669 | 22,302,689         | 169,295,980                       |
| Agriculture and Consumer Services, Department of           | 29,138,531  | 4,170,477          | 24,968,054                        |
| Citrus, Department of                                      | 3,435,397   | 0                  | 3,435,397                         |
| Fish and Wildlife Conservation Commission                  | 46,840,673  | 11,450,849         | 35,389,824                        |
| Health, Department of                                      | 101,063,013 | 0                  | 101,063,013                       |
| Space Florida  | 1,350,000   | 0                  | 1,350,000                         |
| Transportation, Department of                              | 9,771,055   | 6,681,363          | 3,089,692                         |
| Georgia  | 10,052,848  | 8,055,609          | 1,997,239                         |
| Environmental Finance Authority                            | 1,276,375   | 0                  | 1,276,375                         |
| Natural Resources Wildlife Division, Department of         | 1,785,933   | 1,562,740          | 223,193                           |
| Southern States Energy Board                               | 3,148,268   | 3,148,268          | 0                                 |
| Transportation, Department of                              | 3,842,272   | 3,344,601          | 497,671                           |
| Hawaii   | 11,520,961  | 6,940,018          | 4,580,943                         |
| Agriculture, Department of                                 | 60,000      | 60,000             | 0                                 |
| Business, Economic Development, and Tourism, Department of | 2,273,071   | 1,500,000          | 773,071                           |
| Land and Natural Resources, Department of                  | 7,849,438   | 4,511,054          | 3,338,384                         |
| Transportation, Department of                              | 1,338,452   | 868,964            | 469,488                           |
| Idaho  | 12,935,976  | 7,130,703          | 5,805,273                         |
| Barley Commission  | 346,105     | 0                  | 346,105                           |
| Bean Commission  | 65,930      | 65,930             | 0                                 |
| Commerce, Department of                                    | 964,154     | 0                  | 964,154                           |
| Environmental Quality, Department of                       | 620,407     | 70,096             | 550,311                           |
| Fish and Game, Department of                               | 7,051,382   | 5,723,487          | 1,327,895                         |
| Oilseed Commission   | 30,000      | 0                  | 30,000                            |
| Pea and Lentil Commission                                  | 144,725     | 0                  | 144,725                           |
| Potato Commission  | 1,038,040   | 0                  | 1,038,040                         |
| Transportation Department                                  | 1,436,567   | 1,271,190          | 165,377                           |
| Water Resources, Department of                             | 300,000     | 0                  | 300,000                           |
| Wheat Commission   | 938,666     | 0                  | 938,666                           |

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| Department or agency  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Illinois  | 30,817,406 | 6,913,774          | 23,903,632                        |
| Children and Family Services, Department of                       | 2,853,572  | 0                  | 2,853,572                         |
| Commerce and Economic Opportunity, Department of                  | 15,798,322 | 0                  | 15,798,322                        |
| Housing Development Authority                                     | 10,200     | 0                  | 10,200                            |
| Human Services, Department of                                     | 61,316     | 0                  | 61,316                            |
| Public Health, Department of                                      | 2,491,629  | 0                  | 2,491,629                         |
| Transportation, Department of                                     | 9,602,367  | 6,913,774          | 2,688,593                         |
| Indiana   | 9,987,058  | 7,358,178          | 2,628,880                         |
| Criminal Justice Institute  | 640,000    | 600,000            | 40,000                            |
| Economic Development Corporation                                  | 1,488,480  | 771,287            | 717,193                           |
| Kankakee River Basin Commission                                   | 114,000    | 0                  | 114,000                           |
| Natural Resources, Department of                                  | 250,000    | 0                  | 250,000                           |
| St. Joseph River Basin Commission                                 | 10,964     | 0                  | 10,964                            |
| Transportation, Department of                                     | 7,483,614  | 5,986,891          | 1,496,723                         |
| Iowa  | 11,277,534 | 5,615,415          | 5,662,119                         |
| Economic Development Authority, Energy Office                     | 710,522    | 0                  | 710,522                           |
| Human Rights, Criminal and Juvenile Justice Planning, Division of | 457,808    | 220,230            | 237,578                           |
| Natural Resources, Department of                                  | 4,279,253  | 1,974,936          | 2,304,317                         |
| Transportation, Department of                                     | 5,829,951  | 3,420,249          | 2,409,702                         |
| Kansas  | 5,469,052  | 2,138,068          | 3,330,984                         |
| State Board of Regents  | 132,582    | 56,294             | 76,288                            |
| Transportation, Department of                                     | 3,749,587  | 2,081,774          | 1,667,813                         |
| Water Office  | 258,099    | 0                  | 258,099                           |
| Wheat Commission  | 1,328,784  | 0                  | 1,328,784                         |
| Kentucky  | 17,256,496 | 7,335,717          | 9,920,779                         |
| Early Childhood Development, Governor's Office of                 | 53,264     | 0                  | 53,264                            |
| Economic Development, Cabinet for                                 | 5,450,000  | 0                  | 5,450,000                         |
| Education Professional Standards Board                            | 668,491    | 668,491            | 0                                 |
| Energy Development and Independence, Department for               | 1,667,000  | 0                  | 1,667,000                         |
| Fish and Wildlife Resources, Department of                        | 2,520,000  | 1,800,000          | 720,000                           |
| Highways, Department of   | 6,294,300  | 4,461,700          | 1,832,600                         |
| Horse Racing Commission   | 150,000    | 0                  | 150,000                           |
| Public Health, Department for                                     | 34,000     | 0                  | 34,000                            |
| State Nature Preserves Commission                                 | 32,100     | 18,185             | 13,915                            |
| Vocational Rehabilitation, Office of                              | 387,341    | 387,341            | 0                                 |
| Louisiana   | 32,175,199 | 10,012,449         | 22,162,750                        |
| Agriculture and Forestry, Department of                           | 9,167      | 0                  | 9,167                             |
| Coastal Protection and Restoration Authority                      | 18,116,032 | 12,449             | 18,103,583                        |
| Transportation and Development, Department of                     | 11,000,000 | 8,800,000          | 2,200,000                         |
| Wildlife and Fisheries, Department of                             | 3,050,000  | 1,200,000          | 1,850,000                         |
| Maine   | 12,609,815 | 2,952,778          | 9,657,037                         |
| Agriculture, Conservation and Forestry, Department of             | 685,927    | 270,221            | 415,706                           |
| Environmental Protection, Department of                           | 220,000    | 0                  | 220,000                           |
| Governor's Energy Office  | 119,000    | 119,000            | 0                                 |
| Health and Human Services, Department of                          | 60,030     | 3,002              | 57,028                            |
| Inland Fisheries and Wildlife, Department of                      | 101,759    | 75,759             | 26,000                            |
| Marine Resources, Department of                                   | 1,902,099  | 1,682,796          | 219,303                           |
| State Fire Marshal's Office                                       | 18,000     | 0                  | 18,000                            |
| Technology Institute  | 8,500,000  | 0                  | 8,500,000                         |
| Transportation, Department of                                     | 1,003,000  | 802,000            | 201,000                           |
| Maryland  | 24,852,978 | 1,649,862          | 23,203,116                        |
| Health and Mental Hygiene, Department of                          | 7,000,000  | 0                  | 7,000,000                         |
| Natural Resources, Department of                                  | 2,081,134  | 312,387            | 1,768,747                         |
| Technology Development Corporation                                | 14,100,000 | 0                  | 14,100,000                        |
| Transportation, Department of                                     | 1,671,844  | 1,337,475          | 334,369                           |

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| Department or agency                                  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Massachusetts   | 22,664,539 | 6,490,647          | 16,173,892                        |
| Clean Energy Center                                   | 4,948,471  | 0                  | 4,948,471                         |
| Environmental Protection, Department of               | 182,617    | 16,544             | 166,073                           |
| Fish and Game, Department of                          | 12,083,700 | 6,210,000          | 5,873,700                         |
| Mass Life Science Center                              | 3,213,698  | 0                  | 3,213,698                         |
| Mental Health, Department of                          | 1,752,150  | 0                  | 1,752,150                         |
| Public Health, Department of                          | 283,903    | 264,103            | 19,800                            |
| Water Resources Authority                             | 200,000    | 0                  | 200,000                           |
| Michigan  | 12,675,635 | 8,346,295          | 4,329,340                         |
| Agriculture and Rural Development, Department of      | 3,150,111  | 1,239,261          | 1,910,850                         |
| Environmental Quality, Department of                  | 90,526     | 29,736             | 60,790                            |
| Natural Resources, Department of                      | 3,934,998  | 1,852,298          | 2,082,700                         |
| Transportation, Department of                         | 5,500,000  | 5,225,000          | 275,000                           |
| Minnesota   | 21,455,746 | 4,814,486          | 16,641,260                        |
| Agriculture, Department of                            | 6,336,162  | 1,516,171          | 4,819,991                         |
| Employment and Economic Development, Department of    | 2,500,000  | 0                  | 2,500,000                         |
| Forest Resources Council                              | 90,000     | 0                  | 90,000                            |
| Pollution Control Agency                              | 534,262    | 0                  | 534,262                           |
| Transportation, Department of                         | 11,995,322 | 3,298,315          | 8,697,007                         |
| Mississippi   | 780,616    | 618,485            | 162,131                           |
| Transportation, Department of                         | 236,219    | 188,975            | 47,244                            |
| Wildlife, Fisheries, and Parks, Department of         | 544,397    | 429,510            | 114,887                           |
| Missouri  | 9,806,222  | 5,556,141          | 4,250,081                         |
| Agriculture, Department of                            | 813,834    | 0                  | 813,834                           |
| Conservation, Department of                           | 4,319,494  | 2,007,759          | 2,311,735                         |
| Health and Senior Services, Department of             | 48,741     | 41,545             | 7,196                             |
| Natural Resources, Department of                      | 558,123    | 383,703            | 174,420                           |
| Transportation, Department of                         | 4,066,030  | 3,123,134          | 942,896                           |
| Montana   | 10,362,726 | 3,672,296          | 6,690,430                         |
| Agriculture, Department of                            | 2,143,438  | 189,597            | 1,953,841                         |
| Environmental Quality, Department of                  | 310,952    | 181,936            | 129,016                           |
| Fish, Wildlife and Parks                              | 2,853,805  | 1,859,763          | 994,042                           |
| Natural Resources and Conservation, Department of     | 385,690    | 0                  | 385,690                           |
| Research and Commercialization, Board of              | 1,052,000  | 0                  | 1,052,000                         |
| Transportation, Department of                         | 1,663,000  | 1,441,000          | 222,000                           |
| Wheat and Barley Committee                            | 1,953,841  | 0                  | 1,953,841                         |
| Nebraska  | 5,475,420  | 1,668,537          | 3,806,883                         |
| Agriculture, Department of                            | 377,452    | 242,726            | 134,726                           |
| Corn Board  | 699,960    | 0                  | 699,960                           |
| Dry Bean Commission                                   | 153,182    | 0                  | 153,182                           |
| Economic Development, Department of                   | 1,536,378  | 0                  | 1,536,378                         |
| Natural Resources, Department of                      | 529,071    | 0                  | 529,071                           |
| Roads, Department of                                  | 1,782,264  | 1,425,811          | 356,453                           |
| Wheat Board   | 397,113    | 0                  | 397,113                           |
| Nevada  | 3,107,166  | 2,515,000          | 592,166                           |
| Commission on Mineral Resources, Division of Minerals | 100,000    | 0                  | 100,000                           |
| Transportation, Department of                         | 2,914,364  | 2,458,978          | 455,386                           |
| Wildlife, Department of                               | 92,802     | 56,022             | 36,780                            |
| New Hampshire   | 1,607,080  | 1,113,769          | 493,311                           |
| Agriculture, Markets and Food, Department of          | 135,899    | 10,988             | 124,911                           |
| Environmental Services, Department of                 | 218,981    | 218,981            | 0                                 |
| Resources and Economic Development, Department of     | 300,000    | 0                  | 300,000                           |
| Transportation, Department of                         | 952,200    | 883,800            | 68,400                            |

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| Department or agency   | Total       | Federal government | State and all others <sup>a</sup> |
|--|-------------|--------------------|-----------------------------------|
| New Jersey   | 33,756,028  | 4,041,326          | 29,714,702                        |
| Brain Injury Research, Commission on                             | 6,396,368   | 0                  | 6,396,368                         |
| Cancer Research, Commission on                                   | 1,500,000   | 0                  | 1,500,000                         |
| Environmental Protection, Department of                          | 2,721,846   | 710,004            | 2,011,842                         |
| Health, Department of  | 10,980,769  | 0                  | 10,980,769                        |
| Medical Research and Treatment of Autism, Governor's Council for | 4,784,247   | 0                  | 4,784,247                         |
| Spinal Cord Research, Commission on                              | 3,573,956   | 0                  | 3,573,956                         |
| Transportation, Department of                                    | 3,798,842   | 3,331,322          | 467,520                           |
| New Mexico   | 52,302,976  | 1,966,767          | 50,336,209                        |
| Cultural Affairs, Department of                                  | 1,237,700   | 4,100              | 1,233,600                         |
| Game and Fish, Department of                                     | 1,000,000   | 500,000            | 500,000                           |
| Higher Education Department                                      | 48,218,100  | 0                  | 48,218,100                        |
| Miners' Colfax Medical Center                                    | 25,000      | 0                  | 25,000                            |
| State Engineer, Water Resource Allocation Program, Office of     | 88,062      | 75,376             | 12,686                            |
| Transportation, Department of                                    | 1,734,114   | 1,387,291          | 346,823                           |
| New York   | 365,551,926 | 150,683,260        | 214,868,666                       |
| Agriculture and Markets, Department of                           | 3,765,993   | 3,087,665          | 678,328                           |
| Economic Development, Department of                              | 49,698,758  | 6,000,000          | 43,698,758                        |
| Energy Research and Development Authority                        | 48,568,115  | 0                  | 48,568,115                        |
| Environmental Conservation, Department of                        | 5,832,656   | 3,249,124          | 2,583,532                         |
| Health, Department of  | 43,250,554  | 24,322,975         | 18,927,579                        |
| Mental Health, Office of   | 132,887,190 | 65,320,851         | 67,566,339                        |
| People with Developmental Disabilities, Office of                | 4,228,430   | 1,574,449          | 2,653,981                         |
| Power Authority  | 839,178     | 0                  | 839,178                           |
| Roswell Park Cancer Institute                                    | 61,800,000  | 43,500,000         | 18,300,000                        |
| State Museum   | 10,121,651  | 281,812            | 9,839,839                         |
| Thoroughbred Breeding and Development Fund Corp.                 | 439,108     | 0                  | 439,108                           |
| Transportation, Department of                                    | 4,120,293   | 3,346,384          | 773,909                           |
| North Carolina   | 34,002,384  | 15,605,925         | 18,396,459                        |
| Agriculture and Consumer Services, Department of                 | 13,000,000  | 0                  | 13,000,000                        |
| Environmental Quality, Department of                             | 2,079,756   | 567,958            | 1,511,798                         |
| Science, Technology and Innovation, Office of                    | 12,037,647  | 9,537,647          | 2,500,000                         |
| Transportation, Department of                                    | 6,834,981   | 5,500,320          | 1,334,661                         |
| Wine and Grape Growers Council                                   | 50,000      | 0                  | 50,000                            |
| North Dakota   | 9,611,936   | 1,020,728          | 8,591,208                         |
| Agriculture, Department of                                       | 244,764     | 0                  | 244,764                           |
| Game and Fish, Department of                                     | 825,000     | 620,000            | 205,000                           |
| Lignite Research Council   | 943,377     | 0                  | 943,377                           |
| Oil and Gas Research Program                                     | 4,017,199   | 0                  | 4,017,199                         |
| Renewable Energy Research Program                                | 745,155     | 0                  | 745,155                           |
| Soybean Council  | 1,233,438   | 0                  | 1,233,438                         |
| Transportation, Department of                                    | 407,000     | 400,728            | 6,272                             |
| Wheat Commission   | 1,196,003   | 0                  | 1,196,003                         |
| Ohio   | 94,299,294  | 6,437,833          | 87,861,461                        |
| Development Services Agency                                      | 83,483,581  | 0                  | 83,483,581                        |
| Mental Health and Addiction Services, Department of              | 820,000     | 0                  | 820,000                           |
| Natural Resources, Department of                                 | 1,201,332   | 819,700            | 381,632                           |
| Transportation, Department of                                    | 7,022,666   | 5,618,133          | 1,404,533                         |
| Water Development Authority                                      | 1,771,715   | 0                  | 1,771,715                         |
| Oklahoma   | 29,952,934  | 7,578,340          | 22,374,594                        |
| Advancement of Science and Technology, Center for the            | 10,665,489  | 0                  | 10,665,489                        |
| Agriculture, Food, and Forestry, Department of                   | 685,666     | 685,666            | 0                                 |
| Grand River Dam Authority  | 260,000     | 0                  | 260,000                           |
| Health, State Department of                                      | 170,570     | 165,425            | 5,145                             |
| Human Services, Department of                                    | 385,000     | 385,000            | 0                                 |
| Sorghum Commission   | 45,000      | 0                  | 45,000                            |

TABLE 21. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2015  
(Dollars)

| Department or agency                              | Total       | Federal government | State and all others <sup>a</sup> |
|---|-------------|--------------------|-----------------------------------|
| Tobacco Settlement Endowment Trust                | 10,072,460  | 0                  | 10,072,460                        |
| Transportation, Department of                     | 3,342,249   | 3,342,249          | 0                                 |
| Wheat Commission                                  | 326,500     | 0                  | 326,500                           |
| Wildlife Conservation, Department of              | 4,000,000   | 3,000,000          | 1,000,000                         |
| Oregon  | 31,990,073  | 10,390,644         | 21,599,429                        |
| Agriculture, Department of                        | 190,591     | 0                  | 190,591                           |
| Business Development Department                   | 10,650,000  | 0                  | 10,650,000                        |
| Energy, Department of                             | 557,172     | 430,695            | 126,477                           |
| Environmental Quality, Department of              | 10,000      | 0                  | 10,000                            |
| Fish and Wildlife, Department of                  | 17,093,348  | 8,111,069          | 8,982,279                         |
| Forestry, Department of                           | 871,221     | 0                  | 871,221                           |
| Transportation, Department of                     | 2,188,000   | 1,750,000          | 438,000                           |
| Water Resources Department                        | 125,000     | 0                  | 125,000                           |
| Watershed Enhancement Board                       | 304,741     | 98,880             | 205,861                           |
| Pennsylvania                                      | 75,024,127  | 4,830,151          | 70,193,976                        |
| Agriculture, Department of                        | 787,000     | 0                  | 787,000                           |
| Community and Economic Development, Department of | 18,050,000  | 0                  | 18,050,000                        |
| Conservation and Natural Resources, Department of | 163,856     | 0                  | 163,856                           |
| Education, Department of                          | 35,000      | 0                  | 35,000                            |
| Energy Development Authority                      | 24,974      | 0                  | 24,974                            |
| Environmental Protection, Department of           | 2,390,366   | 879,639            | 1,510,727                         |
| Fish and Boat Commission                          | 150,670     | 123,452            | 27,218                            |
| Game Commission                                   | 6,731,990   | 1,404,059          | 5,327,931                         |
| Health, Department of                             | 43,529,698  | 0                  | 43,529,698                        |
| Susquehanna River Basin Commission                | 922,294     | 184,722            | 737,572                           |
| Transportation, Department of                     | 2,238,279   | 2,238,279          | 0                                 |
| Rhode Island                                      | 2,594,978   | 1,114,694          | 1,480,284                         |
| Atomic Energy Commission                          | 1,200       | 0                  | 1,200                             |
| Commerce Corporation                              | 1,101,985   | 0                  | 1,101,985                         |
| Transportation, Department of                     | 1,436,793   | 1,114,694          | 322,099                           |
| Water Resources Board                             | 55,000      | 0                  | 55,000                            |
| South Carolina                                    | 27,419,285  | 20,114,487         | 7,304,798                         |
| Agriculture, Department of                        | 498,748     | 0                  | 498,748                           |
| Commerce, Department of                           | 78,500      | 0                  | 78,500                            |
| Mental Health, Department of                      | 100,884     | 0                  | 100,884                           |
| Natural Resources, Department of                  | 22,199,381  | 17,053,588         | 5,145,793                         |
| Research Authority                                | 1,619,056   | 560,197            | 1,058,859                         |
| Sea Grant Consortium                              | 1,067,761   | 1,034,280          | 33,481                            |
| Transportation, Department of                     | 1,854,955   | 1,466,422          | 388,533                           |
| South Dakota                                      | 4,211,838   | 1,003,921          | 3,207,917                         |
| Corn Utilization Council                          | 1,154,000   | 0                  | 1,154,000                         |
| Oilseeds Council                                  | 45,000      | 0                  | 45,000                            |
| Pork Producers Council                            | 15,000      | 0                  | 15,000                            |
| Science and Technology Authority                  | 26,862      | 26,862             | 0                                 |
| Soybean Research and Promotion Council            | 1,176,375   | 0                  | 1,176,375                         |
| Transportation, Department of                     | 1,256,834   | 977,059            | 279,775                           |
| Weed and Pest Control Commission                  | 37,767      | 0                  | 37,767                            |
| Wheat Commission                                  | 500,000     | 0                  | 500,000                           |
| Tennessee   | 3,828,567   | 2,903,575          | 924,992                           |
| Environment and Conservation, Department of       | 259,299     | 126,582            | 132,717                           |
| Geological Survey                                 | 312,572     | 171,636            | 140,936                           |
| Transportation, Department of                     | 3,256,696   | 2,605,357          | 651,339                           |
| Texas   | 185,094,332 | 21,106,336         | 163,987,996                       |
| Agriculture, Department of                        | 761,154     | 705,800            | 55,354                            |
| Cancer Prevention and Research Institute          | 145,241,410 | 0                  | 145,241,410                       |

TABLE 21. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2015  
(Dollars)

| Department or agency  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Council on Alzheimer's Disease  | 4,750,000  | 0                  | 4,750,000                         |
| Environmental Quality, Commission on  | 1,000,000  | 0                  | 1,000,000                         |
| Parks and Wildlife Department   | 10,901,637 | 4,558,049          | 6,343,588                         |
| Transportation, Department of   | 19,803,109 | 15,842,487         | 3,960,622                         |
| Water Development Board   | 2,637,022  | 0                  | 2,637,022                         |
| Utah  | 38,168,197 | 1,077,198          | 37,090,999                        |
| Agriculture and Food, Department of   | 431,198    | 381,198            | 50,000                            |
| Economic Development  | 2,107,486  | 0                  | 2,107,486                         |
| Natural Resources, Department of  | 17,100,000 | 0                  | 17,100,000                        |
| Science Technology and Research Initiative, Governor's Office of Economic Development | 17,058,613 | 0                  | 17,058,613                        |
| Transportation, Department of   | 1,470,900  | 696,000            | 774,900                           |
| Vermont   | 2,199,082  | 1,183,900          | 1,015,182                         |
| Agriculture, Food, and Markets, Agency of   | 582,420    | 326,374            | 256,046                           |
| Economic Development Authority  | 515,612    | 0                  | 515,612                           |
| Human Services, Agency of   | 152,706    | 152,706            | 0                                 |
| Natural Resources, Agency of  | 32,441     | 32,441             | 0                                 |
| Public Service Department   | 122,898    | 16,735             | 106,163                           |
| Transportation, Agency of   | 793,005    | 655,644            | 137,361                           |
| Virginia  | 43,615,877 | 12,782,781         | 30,833,096                        |
| Aging and Rehabilitation, Department of   | 29,628     | 29,628             | 0                                 |
| Agriculture and Consumer Services, Department of                                      | 1,075,676  | 377,721            | 697,955                           |
| Commonwealth Health Research Board  | 892,552    | 0                  | 892,552                           |
| Environmental Quality, Department of  | 2,308,956  | 2,308,956          | 0                                 |
| Forensic Science, Department of   | 271,000    | 0                  | 271,000                           |
| Forestry, Department of   | 400,904    | 69,000             | 331,904                           |
| Foundation for Healthy Youth  | 640,933    | 0                  | 640,933                           |
| Game and Inland Fisheries, Department of  | 1,689,294  | 1,353,476          | 335,818                           |
| General Services, Department of   | 55,000     | 55,000             | 0                                 |
| Innovative Technology, Center for   | 3,914,000  | 844,000            | 3,070,000                         |
| Marine Resources Commission   | 2,226,921  | 1,613,347          | 613,574                           |
| Mines, Minerals and Energy, Department of   | 2,192,061  | 781,908            | 1,410,153                         |
| Natural History, Museum of  | 650,570    | 28,312             | 622,258                           |
| Social Services, Department of  | 35,000     | 0                  | 35,000                            |
| Tobacco Region Revitalization Commission  | 9,678,856  | 0                  | 9,678,856                         |
| Transportation, Department of   | 17,554,526 | 5,321,433          | 12,233,093                        |
| Washington  | 36,918,558 | 12,398,340         | 24,520,218                        |
| Agriculture, Department of  | 2,500,896  | 2,120,105          | 380,791                           |
| Alfalfa Seed Commission   | 34,000     | 0                  | 34,000                            |
| Archaeology and Historic Preservation, Department of                                  | 378,127    | 378,127            | 0                                 |
| Asparagus Commission  | 62,000     | 0                  | 62,000                            |
| Beef Commission   | 15,000     | 0                  | 15,000                            |
| Blueberry Commission  | 150,000    | 0                  | 150,000                           |
| Cranberry Commission  | 15,152     | 0                  | 15,152                            |
| Dairy Products Commission   | 107,675    | 0                  | 107,675                           |
| Dry Pea and Lentil Commission   | 262,570    | 0                  | 262,570                           |
| Ecology, Department of  | 1,054,265  | 92,739             | 961,526                           |
| Fish and Wildlife, Department of  | 4,936,117  | 2,746,356          | 2,189,761                         |
| Fruit Commission  | 15,000     | 0                  | 15,000                            |
| Grain Commission  | 2,391,171  | 0                  | 2,391,171                         |
| Hop Commission  | 167,528    | 0                  | 167,528                           |
| Labor and Industries, Department of   | 2,907,584  | 692,210            | 2,215,374                         |
| Life Sciences Discovery Fund  | 8,364,171  | 0                  | 8,364,171                         |
| Mint Commission   | 24,147     | 0                  | 24,147                            |
| Natural Resources, Department of  | 3,149,971  | 209,300            | 2,940,671                         |
| Oilseeds Commission   | 9,000      | 0                  | 9,000                             |
| Pesticide Registration, Commission of   | 385,113    | 0                  | 385,113                           |

TABLE 21. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2015  
(Dollars)

| Department or agency  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Potato Commission   | 854,111    | 0                  | 854,111                           |
| Puget Sound Partnership   | 558,072    | 545,772            | 12,300                            |
| Red Raspberry Commission  | 268,388    | 63,731             | 204,657                           |
| Seed Potato Commission  | 20,000     | 0                  | 20,000                            |
| Transportation, Department of   | 5,450,000  | 4,910,000          | 540,000                           |
| Tree Fruit Research Commission  | 2,640,000  | 640,000            | 2,000,000                         |
| Turfgrass Commission  | 23,500     | 0                  | 23,500                            |
| Wine Commission   | 175,000    | 0                  | 175,000                           |
| West Virginia   | 11,481,903 | 7,720,174          | 3,761,729                         |
| Geological and Economic Survey  | 3,084,623  | 763,609            | 2,321,014                         |
| Higher Education Policy Commission                                    | 6,189,639  | 5,125,400          | 1,064,239                         |
| Justice and Community Services, Division of                           | 13,719     | 3,243              | 10,476                            |
| Transportation, Department of   | 2,193,922  | 1,827,922          | 366,000                           |
| Wisconsin   | 14,517,671 | 9,471,310          | 5,046,361                         |
| Agriculture, Trade and Consumer Protection, Department of             | 841,890    | 841,890            | 0                                 |
| Economic Development Corporation                                      | 3,000,000  | 750,000            | 2,250,000                         |
| Natural Resources, Department of                                      | 7,569,100  | 5,065,000          | 2,504,100                         |
| Transportation, Department of   | 3,106,681  | 2,814,420          | 292,261                           |
| Wyoming   | 5,160,617  | 2,100,967          | 3,059,650                         |
| Agriculture, Department of  | 100,000    | 0                  | 100,000                           |
| Enhanced Oil Recovery Commission                                      | 250,000    | 0                  | 250,000                           |
| Game and Fish Department  | 1,826,682  | 1,181,282          | 645,400                           |
| State Engineer, Office of   | 80,000     | 0                  | 80,000                            |
| State Geological Survey   | 248,879    | 122,635            | 126,244                           |
| Transportation, Department of   | 986,181    | 797,050            | 189,131                           |
| Water Development Commission  | 468,875    | 0                  | 468,875                           |
| Wildlife and Natural Resources Trust                                  | 1,200,000  | 0                  | 1,200,000                         |
| Puerto Rico <sup>c</sup>  | 5,673,544  | 1,561,588          | 4,111,956                         |
| Agriculture, Department of <sup>d</sup>                               | 649,048    | 472,035            | 177,013                           |
| Health, Department of   | 165,922    | 0                  | 165,922                           |
| Highways and Transportation Authority                                 | 560,000    | 0                  | 560,000                           |
| Hospital San Juan <sup>d,e</sup>                                      | 2,000,000  | 1,000,000          | 1,000,000                         |
| Institute of Statistics   | 568,480    | 0                  | 568,480                           |
| Manufacturing Extension, Incorporated <sup>d</sup>                    | 319,378    | 89,553             | 229,825                           |
| Mental Health and Anti-Addiction Services Administration <sup>d</sup> | 410,716    | 0                  | 410,716                           |
| Natural Resources, Department of                                      | 100,000    | 0                  | 100,000                           |
| Science, Technology and Research Trust <sup>d</sup>                   | 900,000    | 0                  | 900,000                           |

<sup>a</sup> State and all others category includes primarily other state governments and city, county, regional, township, or other local governments; it also includes nonprofit organizations and companies.

<sup>b</sup> U.S. total reflects all 50 states and the District of Columbia.

<sup>c</sup> Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

<sup>d</sup> Data are provided as imputed by the Puerto Rico Institute of Statistics.

<sup>e</sup> Operated by the San Juan municipal government.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FYs 2014 and 2015.