

TABLE 19. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2013  
(Dollars)

| Department or agency                                    | Total         | Federal government | State and all others <sup>a</sup> |
|---|---------------|--------------------|-----------------------------------|
| United States <sup>b</sup>                              | 1,785,039,276 | 416,091,724        | 1,368,947,552                     |
| Alabama   | 13,292,741    | 6,682,218          | 6,610,523                         |
| Conservation and Natural Resources, Department of       | 2,307,054     | 1,846,841          | 460,213                           |
| Forensic Sciences, Department of                        | 144,180       | 0                  | 144,180                           |
| Geological Survey                                       | 3,196,187     | 1,391,883          | 1,804,304                         |
| Marine Environmental Science Consortium                 | 4,991,024     | 1,222,057          | 3,768,967                         |
| Transportation, Department of                           | 2,654,296     | 2,221,437          | 432,859                           |
| Alaska  | 6,689,384     | 395,154            | 6,294,230                         |
| Natural Resources, Department of                        | 6,213,471     | 0                  | 6,213,471                         |
| Transportation and Public Facilities, Department of     | 475,913       | 395,154            | 80,759                            |
| Arizona   | 27,810,970    | 14,307,201         | 13,503,769                        |
| Agriculture, Department of                              | 668,045       | 565,548            | 102,497                           |
| Game and Fish Department                                | 4,089,754     | 3,350,124          | 739,630                           |
| Geological Survey                                       | 9,538,303     | 8,612,629          | 925,674                           |
| Health Services, Department of                          | 11,203,068    | 0                  | 11,203,068                        |
| Transportation, Department of                           | 2,311,800     | 1,778,900          | 532,900                           |
| Arkansas  | 16,518,947    | 8,588,120          | 7,930,827                         |
| Beef Council  | 18,730        | 0                  | 18,730                            |
| Catfish Promotion Board                                 | 22,500        | 0                  | 22,500                            |
| Corn and Grain Sorghum Board                            | 805,000       | 0                  | 805,000                           |
| Game and Fish Commission                                | 891,397       | 891,397            | 0                                 |
| Rice Research and Promotion Board                       | 2,594,500     | 2,594,500          | 0                                 |
| Science and Technology Authority                        | 6,596,697     | 3,686,880          | 2,909,817                         |
| Soybean Promotion Board                                 | 3,412,674     | 0                  | 3,412,674                         |
| State Highway and Transportation Department             | 1,915,324     | 1,415,343          | 499,981                           |
| Wheat Promotion Board                                   | 262,125       | 0                  | 262,125                           |
| California  | 346,942,036   | 20,235,896         | 326,706,140                       |
| Air Resources Board                                     | 18,727,946    | 0                  | 18,727,946                        |
| Children and Families Commission                        | 750,000       | 0                  | 750,000                           |
| Energy Commission                                       | 55,396,000    | 600,000            | 54,796,000                        |
| Environmental Health Hazard Assessment, Office of       | 12,737,703    | 0                  | 12,737,703                        |
| Food and Agriculture, Department of                     | 2,284,113     | 97,925             | 2,186,188                         |
| Forestry and Fire Protection, Department of             | 1,672,942     | 650,000            | 1,022,942                         |
| Institute for Regenerative Medicine                     | 197,108,479   | 0                  | 197,108,479                       |
| Motor Vehicles, Department of                           | 1,554,440     | 780,507            | 773,933                           |
| Pesticide Regulation, Department of                     | 7,822,000     | 72,000             | 7,750,000                         |
| Public Health, Genetic Disease, Department of           | 1,171,920     | 1,074,000          | 97,920                            |
| Public Health, Science and Education, Department of     | 800,000       | 50,000             | 750,000                           |
| Resources Recycling and Recovery, Department of         | 3,232,556     | 0                  | 3,232,556                         |
| Social Services, Department of                          | 1,059,872     | 1,033,464          | 26,408                            |
| Seismic Safety Commission                               | 245,900       | 0                  | 245,900                           |
| Sierra Nevada Conservancy                               | 47,711        | 0                  | 47,711                            |
| State Coastal Conservancy                               | 1,638,868     | 0                  | 1,638,868                         |
| State Hospitals, Department of                          | 350,000       | 0                  | 350,000                           |
| State Water Resources Control Board                     | 1,400,000     | 0                  | 1,400,000                         |
| Statewide Health Planning and Development, Office of    | 175,000       | 0                  | 175,000                           |
| Transportation, Department of                           | 35,038,000    | 15,778,000         | 19,260,000                        |
| Water Resources, Department of                          | 3,728,586     | 100,000            | 3,628,586                         |
| Colorado  | 14,471,683    | 6,017,553          | 8,454,130                         |
| Economic Development and International Trade, Office of | 3,107,542     | 0                  | 3,107,542                         |
| Natural Resources, Department of                        | 6,576,449     | 2,120,195          | 4,456,254                         |
| Public Health and Environment, Department of            | 1,459,114     | 1,459,114          | 0                                 |
| Public Safety, Department of                            | 989,741       | 239,741            | 750,000                           |
| Transportation, Department of                           | 2,338,837     | 2,198,503          | 140,334                           |

TABLE 19. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2013  
(Dollars)

| Department or agency  | Total       | Federal government | State and all others <sup>a</sup> |
|---|-------------|--------------------|-----------------------------------|
| Connecticut   | 41,023,368  | 13,751,916         | 27,271,452                        |
| Agricultural Experiment Station                                   | 11,176,787  | 3,697,665          | 7,479,122                         |
| Energy and Environmental Protection, Department of                | 9,228,915   | 5,850,777          | 3,378,138                         |
| Mental Health and Addiction Services, Department of               | 4,895,486   | 1,328,474          | 3,567,012                         |
| Public Health, Department of                                      | 11,622,180  | 0                  | 11,622,180                        |
| Transportation, Department of                                     | 4,100,000   | 2,875,000          | 1,225,000                         |
| Delaware  | 4,729,141   | 1,684,136          | 3,045,005                         |
| Geological Survey   | 1,784,107   | 227,421            | 1,556,686                         |
| Natural Resources and Environmental Control, Department of        | 970,438     | 423,495            | 546,943                           |
| Transportation, Department of                                     | 1,974,596   | 1,033,220          | 941,376                           |
| District of Columbia  | 1,848,800   | 1,467,091          | 381,709                           |
| Health, Department of   | 861,058     | 861,058            | 0                                 |
| Transportation, Department of                                     | 987,742     | 606,033            | 381,709                           |
| Florida   | 118,781,266 | 25,537,040         | 93,244,226                        |
| Agriculture and Consumer Services, Department of                  | 17,069,604  | 6,765,745          | 10,303,859                        |
| Citrus, Department of   | 5,843,133   | 24,995             | 5,818,138                         |
| Environmental Protection, Department of                           | 3,068,175   | 249,464            | 2,818,711                         |
| Fish and Wildlife Conservation Commission                         | 43,977,133  | 12,207,431         | 31,769,702                        |
| Health, Department of   | 38,382,971  | 0                  | 38,382,971                        |
| Space Florida   | 1,160,380   | 0                  | 1,160,380                         |
| Transportation, Department of                                     | 9,279,870   | 6,289,405          | 2,990,465                         |
| Georgia   | 12,697,846  | 10,454,723         | 2,243,123                         |
| Natural Resources, Department of                                  | 3,999,505   | 3,076,321          | 923,184                           |
| Transportation, Department of                                     | 8,698,341   | 7,378,402          | 1,319,939                         |
| Hawaii  | 13,094,794  | 9,594,181          | 3,500,613                         |
| Agriculture, Department of  | 1,516,064   | 1,266,064          | 250,000                           |
| Business, Economic Development, and Tourism, Department of        | 5,674,072   | 5,674,072          | 0                                 |
| Health, Department of   | 190,000     | 130,000            | 60,000                            |
| Land and Natural Resources, Department of                         | 4,484,602   | 1,997,840          | 2,486,762                         |
| Transportation, Department of                                     | 1,230,056   | 526,205            | 703,851                           |
| Idaho   | 12,929,174  | 7,971,555          | 4,957,619                         |
| Barley Commission   | 141,838     | 0                  | 141,838                           |
| Bean Commission   | 106,035     | 55,732             | 50,303                            |
| Fish and Game, Department of                                      | 7,409,032   | 5,985,423          | 1,423,609                         |
| Potato Commission   | 1,332,536   | 350,000            | 982,536                           |
| Transportation Department   | 1,929,300   | 1,580,400          | 348,900                           |
| Water Resources, Department of                                    | 810,433     | 0                  | 810,433                           |
| Wheat Commission  | 1,200,000   | 0                  | 1,200,000                         |
| Illinois  | 17,999,229  | 6,176,896          | 11,822,333                        |
| Children and Family Services, Department of                       | 7,748,399   | 765,655            | 6,982,744                         |
| Commerce and Economic Opportunity, Department of                  | 225,000     | 0                  | 225,000                           |
| Public Health, Department of                                      | 1,306,747   | 0                  | 1,306,747                         |
| Transportation, Department of                                     | 8,719,083   | 5,411,241          | 3,307,842                         |
| Indiana   | 10,167,120  | 7,252,510          | 2,914,610                         |
| Criminal Justice Institute  | 360,000     | 360,000            | 0                                 |
| Economic Development Corporation                                  | 1,763,216   | 671,287            | 1,091,929                         |
| Natural Resources, Department of                                  | 270,500     | 2,500              | 268,000                           |
| Transportation, Department of                                     | 7,773,404   | 6,218,723          | 1,554,681                         |
| Iowa  | 19,365,308  | 3,960,205          | 15,405,103                        |
| Economic Development Authority, Energy Office                     | 6,340,014   | 0                  | 6,340,014                         |
| Human Rights, Criminal and Juvenile Justice Planning, Division of | 22,484      | 6,678              | 15,806                            |
| Natural Resources, Department of                                  | 3,517,000   | 0                  | 3,517,000                         |
| Transportation, Department of                                     | 9,485,810   | 3,953,527          | 5,532,283                         |

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| Department or agency                                  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Kansas  | 5,708,223  | 2,983,235          | 2,724,988                         |
| Transportation, Department of                         | 4,724,025  | 2,983,235          | 1,740,790                         |
| Wheat Commission                                      | 984,198    | 0                  | 984,198                           |
| Kentucky  | 19,751,055 | 4,316,909          | 15,434,146                        |
| Budget and Fiscal Management, Office of               | 2,714,500  | 2,364,500          | 350,000                           |
| Early Childhood, Governor's Office of                 | 228,618    | 0                  | 228,618                           |
| Economic Development, Cabinet for                     | 8,044,646  | 0                  | 8,044,646                         |
| Education Professional Standards Board                | 401,544    | 142,960            | 258,584                           |
| Energy Development and Independence, Department for   | 3,294,541  | 0                  | 3,294,541                         |
| Fish and Wildlife Resources, Department of            | 2,615,188  | 1,784,449          | 830,739                           |
| Horse Racing Commission                               | 312,518    | 0                  | 312,518                           |
| Public Health, Department for                         | 2,111,500  | 0                  | 2,111,500                         |
| State Nature Preserves Commission                     | 28,000     | 25,000             | 3,000                             |
| Louisiana   | 15,713,110 | 7,412,982          | 8,300,128                         |
| Coastal Protection and Restoration Authority          | 5,731,257  | 600,000            | 5,131,257                         |
| Transportation and Development, Department of         | 6,965,116  | 5,410,704          | 1,554,412                         |
| Wildlife and Fisheries, Department of                 | 3,016,737  | 1,402,278          | 1,614,459                         |
| Maine   | 6,109,793  | 1,158,805          | 4,950,988                         |
| Agriculture, Conservation and Forestry, Department of | 460,000    | 200,000            | 260,000                           |
| Drug Enforcement Agency                               | 30,000     | 0                  | 30,000                            |
| Environmental Protection, Department of               | 235,000    | 0                  | 235,000                           |
| Inland Fisheries and Wildlife, Department of          | 159,834    | 159,834            | 0                                 |
| Marine Resources, Department of                       | 431,240    | 408,971            | 22,269                            |
| Technology Institute                                  | 4,272,275  | 0                  | 4,272,275                         |
| Transportation, Department of                         | 521,444    | 390,000            | 131,444                           |
| Maryland  | 29,467,445 | 1,944,190          | 27,523,255                        |
| Business and Economic Development, Department of      | 1,647,108  | 0                  | 1,647,108                         |
| Health and Mental Hygiene, Department of              | 5,800,000  | 0                  | 5,800,000                         |
| Natural Resources, Department of                      | 832,243    | 521,726            | 310,517                           |
| Technology Development Corporation                    | 19,410,014 | 0                  | 19,410,014                        |
| Transportation, Department of                         | 1,778,080  | 1,422,464          | 355,616                           |
| Massachusetts   | 4,590,424  | 1,803,176          | 2,787,248                         |
| Environmental Protection, Department of               | 246,613    | 15,990             | 230,623                           |
| Fish and Game, Department of                          | 784,707    | 170,632            | 614,075                           |
| Mental Health, Department of                          | 1,892,550  | 0                  | 1,892,550                         |
| Public Health, Department of                          | 1,666,554  | 1,616,554          | 50,000                            |
| Michigan  | 12,830,423 | 8,454,896          | 4,375,527                         |
| Agriculture and Rural Development, Department of      | 513,396    | 302,900            | 210,496                           |
| Environmental Quality, Department of                  | 45,745     | 0                  | 45,745                            |
| Natural Resources, Department of                      | 4,571,282  | 2,851,996          | 1,719,286                         |
| Transportation, Department of                         | 7,700,000  | 5,300,000          | 2,400,000                         |
| Minnesota   | 14,855,954 | 3,652,840          | 11,203,114                        |
| Agriculture, Department of                            | 2,526,558  | 462,000            | 2,064,558                         |
| Forest Resources Council                              | 51,831     | 0                  | 51,831                            |
| Pollution Control Agency                              | 979,973    | 0                  | 979,973                           |
| Transportation, Department of                         | 11,297,592 | 3,190,840          | 8,106,752                         |
| Mississippi   | 4,863,312  | 3,937,121          | 926,191                           |
| Transportation, Department of                         | 3,300,936  | 2,765,339          | 535,597                           |
| Wildlife, Fisheries, and Parks, Department of         | 1,562,376  | 1,171,782          | 390,594                           |
| Missouri  | 13,051,110 | 3,521,812          | 9,529,298                         |
| Agriculture, Department of                            | 381,475    | 0                  | 381,475                           |
| Conservation, Department of                           | 9,030,901  | 43,080             | 8,987,821                         |
| Natural Resources, Department of                      | 266,597    | 248,693            | 17,904                            |
| Transportation, Department of                         | 3,372,137  | 3,230,039          | 142,098                           |

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| Department or agency   | Total       | Federal government | State and all others <sup>a</sup> |
|--|-------------|--------------------|-----------------------------------|
| Montana  | 6,570,018   | 3,463,568          | 3,106,450                         |
| Agriculture, Department of                                       | 1,929,948   | 112,742            | 1,817,206                         |
| Environmental Quality, Department of                             | 237,328     | 182,931            | 54,397                            |
| Fish, Wildlife and Parks   | 2,160,798   | 1,342,102          | 818,696                           |
| Natural Resources and Conservation, Department of                | 140,945     | 0                  | 140,945                           |
| Transportation, Department of                                    | 2,100,999   | 1,825,793          | 275,206                           |
| Nebraska   | 7,274,333   | 1,973,878          | 5,300,455                         |
| Agriculture, Department of                                       | 388,885     | 267,675            | 121,210                           |
| Corn Board   | 468,089     | 0                  | 468,089                           |
| Dry Bean Commission  | 178,386     | 0                  | 178,386                           |
| Economic Development, Department of                              | 2,317,862   | 0                  | 2,317,862                         |
| Grain Sorghum Board  | 15,000      | 0                  | 15,000                            |
| Natural Resources, Department of                                 | 1,894,916   | 0                  | 1,894,916                         |
| Roads, Department of   | 1,706,203   | 1,706,203          | 0                                 |
| Wheat Board  | 304,992     | 0                  | 304,992                           |
| Nevada   | 1,640,871   | 1,001,898          | 638,973                           |
| Transportation, Department of                                    | 1,595,463   | 983,367            | 612,096                           |
| Wildlife, Department of  | 45,408      | 18,531             | 26,877                            |
| New Hampshire  | 1,788,396   | 1,071,409          | 716,987                           |
| Agriculture, Markets and Food, Department of                     | 121,435     | 28,981             | 92,454                            |
| Resources and Economic Development, Department of                | 440,000     | 56,000             | 384,000                           |
| Transportation, Department of                                    | 1,226,961   | 986,428            | 240,533                           |
| New Jersey   | 22,413,516  | 3,989,987          | 18,423,529                        |
| Brain Injury Research, Commission on                             | 3,924,029   | 0                  | 3,924,029                         |
| Cancer Research, Commission on                                   | 1,345,672   | 0                  | 1,345,672                         |
| Environmental Protection, Department of                          | 2,929,505   | 221,300            | 2,708,205                         |
| Medical Research and Treatment of Autism, Governor's Council for | 6,883,804   | 0                  | 6,883,804                         |
| Spinal Cord Research, Commission on                              | 3,082,046   | 0                  | 3,082,046                         |
| Transportation, Department of                                    | 4,248,460   | 3,768,687          | 479,773                           |
| New Mexico   | 2,015,961   | 1,592,483          | 423,478                           |
| State Engineer, Office of the                                    | 96,182      | 56,660             | 39,522                            |
| Transportation, Department of                                    | 1,919,779   | 1,535,823          | 383,956                           |
| New York   | 177,063,220 | 44,687,735         | 132,375,485                       |
| Agriculture and Markets, Department of                           | 3,872,277   | 3,762,277          | 110,000                           |
| Empire State Development   | 46,870,153  | 1,573,933          | 45,296,220                        |
| Energy Research and Development Authority                        | 40,614,938  | 0                  | 40,614,938                        |
| Environmental Conservation, Department of                        | 7,148,310   | 3,856,948          | 3,291,362                         |
| Health, Department of  | 64,264,233  | 31,673,060         | 32,591,173                        |
| State Museum   | 10,096,183  | 463,816            | 9,632,367                         |
| Transportation, Department of                                    | 4,197,126   | 3,357,701          | 839,425                           |
| North Carolina   | 30,649,974  | 6,075,886          | 24,574,088                        |
| Agriculture and Consumer Services, Department of                 | 17,947,847  | 0                  | 17,947,847                        |
| Environment and Natural Resources, Department of                 | 5,382,127   | 859,286            | 4,522,841                         |
| Transportation, Department of                                    | 7,320,000   | 5,216,600          | 2,103,400                         |
| North Dakota   | 7,364,184   | 564,878            | 6,799,306                         |
| Agriculture, Department of                                       | 82,238      | 0                  | 82,238                            |
| Lignite Research Council   | 2,145,106   | 0                  | 2,145,106                         |
| Mineral Resources, Department of                                 | 65,000      | 0                  | 65,000                            |
| Oil and Gas Program  | 1,447,730   | 0                  | 1,447,730                         |
| Renewable Energy Research Program                                | 645,926     | 0                  | 645,926                           |
| Soybean Council  | 1,056,806   | 0                  | 1,056,806                         |
| Transportation, Department of                                    | 584,875     | 564,878            | 19,997                            |
| Wheat Commission   | 1,336,503   | 0                  | 1,336,503                         |

TABLE 19. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2013  
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| Department or agency   | Total       | Federal government | State and all others <sup>a</sup> |
|--|-------------|--------------------|-----------------------------------|
| Ohio   | 188,311,926 | 10,584,324         | 177,727,602                       |
| Development Services Agency  | 173,959,505 | 0                  | 173,959,505                       |
| Mental Health and Addiction Services, Department of                      | 320,000     | 0                  | 320,000                           |
| Natural Resources, Department of   | 5,734,274   | 4,214,688          | 1,519,586                         |
| Transportation, Department of  | 8,298,147   | 6,369,636          | 1,928,511                         |
| Oklahoma   | 28,224,758  | 8,289,178          | 19,935,580                        |
| Advancement of Science and Technology, Center for the                    | 8,795,761   | 0                  | 8,795,761                         |
| Agriculture, Food, and Forestry, Department of                           | 1,008,868   | 126,473            | 882,395                           |
| Grand River Dam Authority  | 100,000     | 0                  | 100,000                           |
| Health, State Department of  | 834,153     | 818,425            | 15,728                            |
| Sorghum Commission   | 25,000      | 0                  | 25,000                            |
| Tobacco Settlement Endowment Trust                                       | 8,271,695   | 0                  | 8,271,695                         |
| Transportation, Department of  | 4,026,505   | 4,026,505          | 0                                 |
| Wheat Commission   | 799,650     | 45,430             | 754,220                           |
| Wildlife Conservation, Department of                                     | 4,363,126   | 3,272,345          | 1,090,781                         |
| Oregon   | 23,083,506  | 16,942,402         | 6,141,104                         |
| Agriculture, Department of   | 330,243     | 2,500              | 327,743                           |
| Fish and Wildlife, Department of   | 14,034,000  | 12,701,000         | 1,333,000                         |
| Forestry, Department of  | 753,417     | 11,460             | 741,957                           |
| Geology and Mineral Industries, Department of                            | 5,221,905   | 2,046,372          | 3,175,533                         |
| Transportation, Department of  | 2,639,702   | 2,111,762          | 527,940                           |
| Watershed Enhancement Board  | 104,239     | 69,308             | 34,931                            |
| Pennsylvania   | 66,429,400  | 6,002,259          | 60,427,141                        |
| Agriculture, Department of   | 786,545     | 0                  | 786,545                           |
| Community and Economic Development, Department of                        | 11,281,404  | 352,255            | 10,929,149                        |
| Conservation and Natural Resources, Department of                        | 616,084     | 166,407            | 449,677                           |
| Environmental Protection, Department of                                  | 3,709,611   | 1,087,691          | 2,621,920                         |
| Fish and Boat Commission   | 737,805     | 537,410            | 200,395                           |
| Game Commission  | 4,762,801   | 808,921            | 3,953,880                         |
| Health, Department of  | 40,892,467  | 0                  | 40,892,467                        |
| Transportation, Department of  | 3,642,683   | 3,049,575          | 593,108                           |
| Rhode Island   | 1,640,778   | 664,190            | 976,588                           |
| Commerce Corporation   | 810,541     | 0                  | 810,541                           |
| Transportation, Department of  | 830,237     | 664,190            | 166,047                           |
| South Carolina   | 47,732,177  | 33,931,311         | 13,800,866                        |
| Agriculture, Department of   | 158,505     | 0                  | 158,505                           |
| Mental Health, Department of   | 189,334     | 0                  | 189,334                           |
| Natural Resources, Department of   | 35,068,126  | 23,899,148         | 11,168,978                        |
| Research Authority   | 9,055,708   | 7,371,579          | 1,684,129                         |
| Sea Grant Consortium   | 1,318,003   | 1,011,072          | 306,931                           |
| Transportation, Department of  | 1,942,501   | 1,649,512          | 292,989                           |
| South Dakota   | 3,660,854   | 2,840,315          | 820,539                           |
| Agriculture, Department of   | 75,000      | 0                  | 75,000                            |
| Game, Fish and Parks   | 1,774,517   | 1,526,310          | 248,207                           |
| Transportation, Department of  | 1,811,337   | 1,314,005          | 497,332                           |
| Tennessee  | 3,430,476   | 2,906,011          | 524,465                           |
| Environment and Conservation, Division of Archaeology, Department of     | 58,348      | 35,009             | 23,339                            |
| Environment and Conservation, Division of Remediation, Department of     | 706,500     | 706,500            | 0                                 |
| Environment and Conservation, Division of Water Resources, Department of | 160,000     | 160,000            | 0                                 |
| Geological Survey  | 0           | 0                  | 0                                 |
| Transportation, Department of  | 2,505,628   | 2,004,502          | 501,126                           |
| Texas  | 185,199,541 | 20,382,696         | 164,816,845                       |
| Agriculture, Department of   | 1,695,975   | 763,435            | 932,540                           |
| Cancer Prevention and Research Institute                                 | 154,841,396 | 0                  | 154,841,396                       |
| Environmental Quality, Commission on                                     | 1,000,000   | 0                  | 1,000,000                         |

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| Department or agency  | Total      | Federal government | State and all others <sup>a</sup> |
|---|------------|--------------------|-----------------------------------|
| Health and Human Services Commission  | 175,000    | 148,750            | 26,250                            |
| Parks and Wildlife Department   | 3,964,934  | 2,757,868          | 1,207,066                         |
| Transportation, Department of   | 20,671,237 | 16,712,643         | 3,958,594                         |
| Water Development Board   | 2,850,999  | 0                  | 2,850,999                         |
| Utah  | 53,636,842 | 25,727,343         | 27,909,499                        |
| Health, Department of   | 79,931     | 79,931             | 0                                 |
| Natural Resources, Department of  | 16,900,000 | 0                  | 16,900,000                        |
| Science Technology and Research Initiative, Governor's Office of Economic Development | 34,226,911 | 23,717,412         | 10,509,499                        |
| Transportation, Department of   | 2,430,000  | 1,930,000          | 500,000                           |
| Vermont   | 1,827,562  | 1,240,063          | 587,499                           |
| Agriculture, Food, and Markets, Agency of   | 717,564    | 300,000            | 417,564                           |
| Human Services, Agency of   | 170,780    | 170,780            | 0                                 |
| Natural Resources, Agency of  | 102,379    | 78,050             | 24,329                            |
| Transportation, Agency of   | 836,839    | 691,233            | 145,606                           |
| Virginia  | 25,917,935 | 8,149,554          | 17,768,381                        |
| Agriculture and Consumer Services, Department of                                      | 1,569,509  | 15,123             | 1,554,386                         |
| Consolidated Laboratory Services, Division of   | 118,000    | 69,000             | 49,000                            |
| Corrections, Department of  | 1,038,630  | 0                  | 1,038,630                         |
| Forensic Science, Department of   | 143,396    | 396                | 143,000                           |
| Innovative Technology, Center for   | 3,320,000  | 60,000             | 3,260,000                         |
| Marine Resources Commission   | 2,655,774  | 1,896,816          | 758,958                           |
| Mines, Minerals and Energy, Department of   | 2,307,537  | 1,221,036          | 1,086,501                         |
| Natural History, Museum of  | 666,462    | 0                  | 666,462                           |
| Transportation, Department of   | 14,098,627 | 4,887,183          | 9,211,444                         |
| Washington  | 47,122,876 | 8,292,342          | 38,830,534                        |
| Agriculture, Department of  | 464,626    | 286,586            | 178,040                           |
| Archaeology and Historic Preservation, Department of                                  | 372,376    | 372,376            | 0                                 |
| Ecology, Department of  | 515,663    | 22,000             | 493,663                           |
| Fish and Wildlife, Department of  | 5,245,951  | 2,571,750          | 2,674,201                         |
| Grain Commission  | 2,821,984  | 0                  | 2,821,984                         |
| Labor and Industries, Department of   | 2,998,176  | 1,003,585          | 1,994,591                         |
| Life Sciences Discovery Fund  | 19,586,521 | 0                  | 19,586,521                        |
| Natural Resources, Department of  | 5,054,857  | 243,775            | 4,811,082                         |
| Potato Commission   | 986,084    | 0                  | 986,084                           |
| Puget Sound Partnership   | 238,659    | 116,255            | 122,404                           |
| Red Raspberry Commission  | 164,600    | 0                  | 164,600                           |
| Transportation, Department of   | 4,257,879  | 3,676,015          | 581,864                           |
| Tree Fruit Research Commission  | 4,025,000  | 0                  | 4,025,000                         |
| Wine Commission   | 390,500    | 0                  | 390,500                           |
| West Virginia   | 19,027,684 | 7,256,479          | 11,771,205                        |
| Agriculture, Department of  | 93,033     | 93,033             | 0                                 |
| Geological and Economic Survey  | 2,904,573  | 1,076,881          | 1,827,692                         |
| Higher Education Policy Commission  | 13,289,192 | 3,993,730          | 9,295,462                         |
| Justice and Community Services, Division of   | 11,886     | 2,835              | 9,051                             |
| Transportation, Department of   | 2,729,000  | 2,090,000          | 639,000                           |
| Wisconsin   | 21,212,446 | 13,741,242         | 7,471,204                         |
| Agriculture, Trade and Consumer Protection, Department of                             | 640,941    | 51,311             | 589,630                           |
| Economic Development Corporation  | 7,462,000  | 4,420,000          | 3,042,000                         |
| Natural Resources, Department of  | 8,894,211  | 5,470,153          | 3,424,058                         |
| Transportation, Department of   | 4,215,294  | 3,799,778          | 415,516                           |
| Wyoming   | 6,497,386  | 1,457,932          | 5,039,454                         |
| Agriculture, Department of  | 252,098    | 56,186             | 195,912                           |
| Environmental Quality, Department of  | 100,000    | 0                  | 100,000                           |
| Game and Fish Department  | 1,881,499  | 331,870            | 1,549,629                         |

TABLE 19. State agency expenditures for R&D for all performers, by state, department or agency, and source of funds: FY 2013  
(Dollars)

| Department or agency  | Total     | Federal government | State and all others <sup>a</sup> |
|---|-----------|--------------------|-----------------------------------|
| State Geological Survey   | 2,225,936 | 95,478             | 2,130,458                         |
| Transportation, Department of   | 1,637,853 | 974,398            | 663,455                           |
| Water Development Commission  | 400,000   | 0                  | 400,000                           |
| Puerto Rico <sup>c</sup>  | 7,949,965 | 3,931,918          | 4,018,047                         |
| Agriculture, Department of  | 649,048   | 457,924            | 191,124                           |
| Education Council   | 565,621   | 0                  | 565,621                           |
| Health, Department of   | 2,705,482 | 1,992,666          | 712,816                           |
| Highways and Transportation Authority                                 | 200,000   | 0                  | 200,000                           |
| Hospital San Juan <sup>d, e</sup>                                     | 1,962,118 | 981,059            | 981,059                           |
| Institute of Statistics   | 37,601    | 0                  | 37,601                            |
| Manufacturing Extension, Incorporated <sup>d</sup>                    | 319,379   | 89,553             | 229,826                           |
| Mental Health and Anti-Addiction Services Administration <sup>d</sup> | 410,716   | 410,716            | 0                                 |
| Science, Technology and Research Trust                                | 1,100,000 | 0                  | 1,100,000                         |

<sup>a</sup> State and all others 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 2012 and 2013.