TABLE 9. State government expenditures for agriculture-related R\&D, by state: FYs 2009-15
(Dollars)

| State | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States ${ }^{\text {a }}$ | 86,768,692 | 97,130,255 | 100,532,829 | 120,358,888 | 120,516,191 | 129,028,757 | 127,363,440 |
| Alabama | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| Alaska | 15,000 | 687,500 | 713,500 | 99,934 | 750,856 | 217,231 | 217,141 |
| Arizona | 220,751 | 142,816 | 732,254 | 616,827 | 549,556 | 944,617 | 718,324 |
| Arkansas | 6,755,483 | 6,643,460 | 7,945,440 | 8,803,765 | 8,857,097 | 8,483,250 | 8,248,838 |
| California | 6,235,149 | 3,091,420 | 4,057,537 | 5,640,401 | 5,039,599 | 6,827,645 | 7,566,669 |
| Colorado | 416,336 | 826,517 | 583,117 | 0 | 50,000 | 316,549 | 373,735 |
| Connecticut | 1,237,590 | 3,259,642 | 3,326,548 | 3,256,124 | 3,314,695 | 3,920,767 | 4,228,545 |
| Delaware | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 19,410,440 | 16,952,501 | 15,991,126 | 19,671,322 | 19,046,571 | 23,026,254 | 18,529,725 |
| Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hawaii | 233,394 | 505,967 | 914,799 | 1,516,064 | 1,516,064 | 80,000 | 60,000 |
| Idaho | 1,352,291 | 1,529,838 | 1,720,839 | 2,344,664 | 2,940,842 | 2,442,070 | 2,930,637 |
| Illinois | 18,096 | 0 | 0 | 0 | 0 | 0 | 139,697 |
| Indiana | 0 | 0 | 0 | 177,000 | 268,000 | 250,000 | 250,000 |
| lowa | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas | 784,957 | 1,104,311 | 1,167,853 | 1,013,350 | 984,198 | 1,129,199 | 1,328,784 |
| Kentucky | 0 | 0 | 45,130 | 478,313 | 312,518 | 250,000 | 378,000 |
| Louisiana | 0 | 0 | 0 | 0 | 0 | 27,333 | 9,167 |
| Maine | 501,243 | 1,152,303 | 987,050 | 933,637 | 373,257 | 407,500 | 1,013,206 |
| Maryland | 336,650 | 228,000 | 451,700 | 300,000 | 384,771 | 200,000 | 200,000 |
| Massachusetts | 0 | 0 | 0 | 0 | 0 | 34,227 | 0 |
| Michigan | 206,282 | 36,910 | 82,793 | 493,895 | 548,396 | 3,190,880 | 3,150,111 |
| Minnesota | 987,608 | 1,301,382 | 1,387,590 | 1,721,463 | 1,981,417 | 2,725,197 | 2,938,310 |
| Mississippi | 0 | 0 | 0 | 0 | 0 | 84,209 | 0 |
| Missouri | 168,096 | 189,947 | 85,115 | 349,210 | 381,475 | 711,626 | 830,064 |
| Montana | 1,199,654 | 1,850,656 | 1,493,635 | 2,105,602 | 1,975,948 | 4,713,540 | 4,097,279 |
| Nebraska | 1,276,949 | 927,985 | 977,548 | 1,399,997 | 1,748,254 | 2,996,054 | 2,725,502 |
| Nevada | 0 | 0 | 0 | 0 | 0 | 10,000 | 0 |
| New Hampshire | 38,005 | 219,170 | 113,969 | 477,066 | 438,435 | 98,640 | 130,904 |
| New Jersey | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Mexico | 20,300,000 | 22,040,000 | 23,200,000 | 23,780,000 | 23,200,000 | 26,948,199 | 28,426,162 |
| New York | 1,869,720 | 2,117,582 | 1,779,089 | 1,748,998 | 1,383,413 | 1,823,801 | 2,166,324 |
| North Carolina | 10,568,425 | 12,625,716 | 12,878,500 | 17,944,847 | 17,947,847 | 12,239,391 | 12,050,000 |
| North Dakota | 935,619 | 1,444,526 | 2,014,848 | 2,521,725 | 2,475,547 | 2,504,192 | 2,674,205 |
| Ohio | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oklahoma | 1,610,660 | 1,295,705 | 1,608,677 | 1,862,336 | 2,500,477 | 1,708,188 | 1,811,266 |
| Oregon | 134,857 | 489,631 | 532,446 | 218,038 | 290,595 | 384,341 | 372,579 |
| Pennsylvania | 852,734 | 755,736 | 640,671 | 1,512,706 | 2,033,013 | 787,000 | 787,000 |
| Rhode Island | 0 | 0 | 0 | 166,820 | 40,000 | 0 | 0 |
| South Carolina | 421,699 | 0 | 92,305 | 62,024 | 157,702 | 534,646 | 498,748 |
| South Dakota | 50,000 | 25,000 | 0 | 75,000 | 75,000 | 3,219,622 | 2,928,142 |
| Tennessee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas | 1,972,975 | 3,618,361 | 2,877,596 | 2,758,683 | 2,650,989 | 3,557,354 | 808,544 |
| Utah | 1,000,000 | 3,589 | 113,336 | 4,508,902 | 3,989,111 | 1,688,670 | 2,035,321 |
| Vermont | 0 | 490,900 | 652,700 | 503,308 | 538,173 | 384,878 | 407,694 |
| Virginia | 806,328 | 2,285,378 | 2,213,361 | 1,633,434 | 1,631,509 | 730,636 | 1,120,676 |
| Washington | 4,587,406 | 8,340,489 | 8,317,099 | 8,098,988 | 8,954,794 | 8,689,311 | 10,120,251 |
| West Virginia | 0 | 0 | 151,428 | 206,137 | 93,033 | 0 | 0 |

TABLE 9. State government expenditures for agriculture-related R\&D, by state: FYs 2009-15
(Dollars)

| State | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Wisconsin | 0 | 770,721 | 536,004 | 864,399 | 640,941 | 616,740 | 841,890 |
| Wyoming | 264,295 | 176,596 | 147,226 | 493,909 | 452,098 | 125,000 |  |
| Puerto Rico $^{\text {b }}$ | 649,048 | 0 | 0 | 507,174 | 649,048 | 550,000 |  |

${ }^{\text {a }}$ U.S. total reflects all 50 states and the District of Columbia.
${ }^{\text {b }}$ Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.
NOTES: State R\&D expenditures by function were surveyed beginning with the FY 2009 survey. State $R \& D$ totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R\&D.

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

