TABLE 13. Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2014 (Millions of U.S. dollars)

|                      |                   | Paid for by the | Paid for by others |                  |                |
|----------------------|-------------------|-----------------|--------------------|------------------|----------------|
| State                | Total             | company         | Total              | Federal          | Nonfederal     |
| All states           | 340,728           | 282,570         | 58,158             | 26,554 i         | 31,604         |
| Alabama              | 1,961             | 1,299           | 662                | 561              | 101            |
| Alaska               | 57 e              | 37 e            | 20                 | 9                | 11 €           |
| Arizona              | 5,499             | 4,307           | 1,191              | 512              | 680            |
| Arkansas             | 317               | 277             | 41                 | 14               | 26 €           |
| California           | 98,488            | 85,750          | 12,738 i           | 6,734 i          | 6,004          |
| Colorado             | 4,551             | 3,829           | 723                | 473              | 249            |
| Connecticut          | 9,093             | 6,819           | 2,274              | 1,836            | 438 i          |
| Delaware             | 2,520             | 1,839 i         | 681                | 13               | 668            |
| District of Columbia | 338               | 183             | 154                | 126              | 28 €           |
| Florida              | 5,783             | 3,877           | 1,906 i            | 1,221 i          | 686            |
| Georgia              | 4,635             | 3,843           | 791 i              | 193 i            | 599 i          |
| Hawaii               | 196               | 138 i           | 58                 | 13               | 45             |
| Idaho                | 1,448             | 1,223           | 225                | 6                | 219            |
| Illinois             | 12,371            | 11,196          | 1,175              | 143              | 1,031          |
| Indiana              | 5,901             | 5,015           | 887                | 95               | 791            |
| Iowa                 | 2,098             | 1,513           | 585                | 442              | 143            |
| Kansas               | 1,934             | 1,325           | 609                | 12 e             | 598            |
| Kentucky             | 1,158             | 768             | 391                | 340              | 50 i           |
| Louisiana            | 386               | 299             | 87 i               | 35 i             | 53 €           |
| Maine                | 373               | 308             | 65                 | 46               | 19 €           |
| Maryland             | 5,124             | 3,445           | 1,679              | 1,156            | 523 i          |
| Massachusetts        | 21,105            | 17,101          | 4,004              | 899              | 3,106          |
| Michigan             | 17,077            | 15,421          | 1,656              | 338              | 1,318          |
| Minnesota            | 6,975             | 6,403           | 571                | 288 i            | 284            |
| Mississippi          | 269               | 198             | 71                 | 18               | 53             |
| Missouri             | 6,720 i           | 4,037           | 2,683 i            | D                | D              |
| Montana              | 205               | 188             | 17 e               | 4                | 13 €           |
| Nebraska             | 590               | 543             | 46 e               | 13               | 33 €           |
| Nevada               | 631               | 576             | 55 e               | 19               | 36 €           |
| New Hampshire        | 2,041             | 869             | 1,171              | 836              | 335 i          |
| New Jersey           | 13,743            | 11,027          | 2,716              | 324              | 2,393          |
| New Mexico           | 499               | 270             | 228                | 167              | 62             |
| New York             | 13,818            | 10,794          | 3,024 i            | 1,677 i          | 1,347          |
| North Carolina       | 8,091             | 6,125           | 1,966 i            | 110              | 1,856 i        |
| North Dakota         | 271               | 247             | 24                 | 2 e              | 21             |
| Ohio                 | 8,945             | 6,137           | 2,808              | 1,053 i          | 1,755          |
| Oklahoma             | 607               | 543             | 64 e               | 18               | 47 €           |
| Oregon               | 6,434             | 6,160           | 275                | 85               | 190            |
| Pennsylvania         | 10,816            | 9,635           | 1,181 i            | 208              | 973 i          |
| Rhode Island         | 542               | 479             | 63                 | 37               | 26 i           |
| South Carolina       | 1,089             | 936             | 153                | 81               | 72 i           |
| South Dakota         | 135               | 121             | 14 e               | 2 e              | 13 i           |
| Tennessee            | 1,586             | 1,365           | 221                | 49               | 172            |
| Texas                | 16,373            | 13,674          | 2,700              | 1,134 i          | 1,566          |
| Utah                 | 2,809             | 2,275           | 533 i              | 420 i            | 1,500<br>114 i |
| Vermont              | 302               | 2,273           | 43                 | 16               | 27             |
| Virginia             | 4,994 i           | 2,877           | 2,116 i            | 1,735 i          | 381 €          |
| Washington           | 4,994 1<br>15,699 | 2,877<br>15,195 | 2,116 1<br>504     | 1,735 i<br>205 i | 298            |
| vvasiliigiuii        | 15,099            | 15,195          | 28 i               | 205 I<br>5       | 298<br>23 i    |

TABLE 13. Domestic R&D paid for by the company and others and performed by the company, by source of funds and state: 2014 (Millions of U.S. dollars)

| State                      |       | Paid for by the company | Paid for by others |         |            |
|----------------------------|-------|-------------------------|--------------------|---------|------------|
|                            | Total |                         | Total              | Federal | Nonfederal |
| Wisconsin                  | 4,287 | 3,677                   | 610                | 56 i    | 554        |
| Wyoming                    | 59    | 44                      | 15                 | 1 e     | 13         |
| Undistributed <sup>a</sup> | 9,506 | 7,852                   | 1,654              | D       | D          |

D = data withheld to avoid disclosing operations of individual companies; e = > 50% of value is modeled—see appendix A, "Technical Notes"; i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

NOTES: Detail may not add to total because of rounding. Statistics are representative of companies located in the United States that performed or funded R&D.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2014.

<sup>&</sup>lt;sup>a</sup> Includes data reported on Form BRDI-1 that were not allocated to a specific state and also data reported on Form BRDI-1(S) by multiestablishment companies. For single-establishment companies, data reported on Form BRDI-1(S) were allocated to the state in the address used to mail the survey form.