| Investing country or region | _                 |        |           |           | Manufacturing                          | Nonmanufacturing     |                             |       |       |             |  |                    |       |
|-----------------------------|-------------------|--------|-----------|-----------|--|----------------------|-----------------------------|-------|-------|-------------|--|--------------------|-------|
|                             | All<br>industries | Total  | Chemicals | Machinery | Computer and<br>electronic<br>products | Electrical equipment | Transportation<br>equipment | Other | Total | Information | Professional,<br>technical, and<br>scientific services | Wholesale<br>trade | Other |
| All countries and regions   | 39,700            | 33,019 | 16,134    | 1,076     | 9,568                                  | 643                  | 2,742                       | 2,856 | 6,681 | 1,969       | 2,949  | 364                | 1,398 |
| Canada                      | 703               | 514    | D         | D         | D                                      | D                    | D                           | D     | 189   | D           | 111  | D                  | D     |
| Europe                      | 29,487            | 25,348 | 13,117    | 732       | 6,940                                  | 522                  | 1,720                       | 2,316 | 4,139 | 1,290       | 2,112  | 62                 | 674   |
| Belgium                     | 69                | 66     | D         | D         | D                                      | 0                    | 0                           | 29    | 3     | 0           | 0  | 0                  | 3     |
| Denmark                     | 365               | D      | 136       | 69        | 0                                      | 0                    | 0                           | D     | D     | 0           | D  | D                  | C     |
| Finland                     | 673               | D      | D         | D         | D                                      | 0                    | 0                           | 23    | D     | 0           | 0  | D                  | D     |
| France                      | 5,287             | 4,281  | 1,829     | 7         | 1,795                                  | 95                   | 203                         | 352   | 1,006 | D           | D  | D                  | D     |
| Germany                     | 4,806             | 4,475  | 1,983     | 95        | 1,153                                  | 15                   | 1,053                       | 177   | 330   | D           | 6  | 18                 | D     |
| Ireland                     | 1,208             | D      | D         | D         | 0                                      | D                    | 0                           | D     | D     | 4           | D  | *                  | C     |
| Italy                       | 477               | 448    | 12        | D         | D                                      | 7                    | D                           | 44    | 29    | 0           | D  | D                  | D     |
| Netherlands                 | 1,788             | 1,554  | 276       | D         | 775                                    | 5                    | D                           | 398   | 234   | D           | 225  | D                  | D     |
| Norway                      | 63                | 25     | 1         | 6         | 2                                      | D                    | 0                           | D     | 39    | 0           | D  | D                  | (     |
| Sweden                      | 376               | 376    | 15        | 29        | 5                                      | D                    | D                           | 152   | 0     | 0           | 0  | 0                  | (     |
| Switzerland                 | 7,169             | 6,074  | 4,976     | D         | 494                                    | D                    | D                           | 297   | 1,096 | D           | D  | 0                  | D     |
| United Kingdom              | 6,987             | 6,062  | 3,578     | 40        | 1,852                                  | 1                    | 274                         | 316   | 925   | 252         | D  | D                  | D     |
| Other Europe                | 219               | D      | 58        | 4         | D                                      | 0                    | D                           | 33    | D     | 0           | D  | D                  | D     |
| Latin America and OWH       | 1,250             | D      | D         | D         | 573                                    | 0                    | D                           | D     | D     | 0           | D  | 3                  | D     |
| Mexico                      | 7                 | 7      | 0         | 0         | 0                                      | 0                    | 2                           | 5     | 0     | 0           | 0  | 0                  | (     |
| Other Latin America and OWH | 1,243             | D      | D         | D         | 573                                    | 0                    | D                           | D     | D     | 0           | D  | 3                  | D     |
| Africa                      | D                 | D      | 8         | 0         | 0                                      | 0                    | 0                           | D     | 0     | 0           | 0  | 0                  | (     |
| Middle East                 | 550               | 467    | 442       | *         | *                                      | 0                    | 2                           | 23    | 83    | D           | D  | 0                  | C     |
| Israel                      | 381               | D      | D         | 0         | *                                      | 0                    | 2                           | D     | D     | D           | D  | 0                  | 2     |
| Other Middle East           | 168               | D      | D         | *         | 0                                      | 0                    | 0                           | D     | D     | D           | 0  | 0                  | D     |
| Asia and Pacific            | 6,615             | 5,142  | 2,480     | D         | 991                                    | D                    | 953                         | 333   | 1,473 | 457         | 655  | D                  | D     |
| Australia                   | 60                | D      | 9         | D         | 0                                      | 0                    | 0                           | 7     | D     | D           | 0  | 0                  | D     |
| China                       | 136               | D      | 0         | D         | D                                      | 0                    | 0                           | 0     | D     | 0           | 0  | D                  | (     |
| India                       | D                 | D      | 0         | 0         | D                                      | 0                    | 0                           | 0     | D     | 0           | D  | 0                  | (     |
| Japan                       | 5,673             | 4,740  | 2,466     | 202       | 724                                    | 91                   | 949                         | 307   | 933   | 387         | 387  | 114                | 45    |
| Singapore                   | 238               | D      | 0         | 0         | 206                                    | 3                    | 0                           | D     | D     | D           | *  | 0                  | (     |
| South Korea                 | 343               | 49     | 0         | D         | D                                      | 0                    | 4                           | D     | 293   | D           | D  | D                  | 0     |

TABLE 42. Domestic R&D performed by matched majority-owned U.S. affiliates of foreign companies, by selected UBO investing country and industry: BRDIS 2010 (Millions of U.S. dollars)

## TABLE 42. Domestic R&D performed by matched majority-owned U.S. affiliates of foreign companies, by selected UBO investing country and industry: BRDIS 2010 (Millions of U.S. dollars)

|                                     |            | Manufacturing                        |           |           |          |           |           |                          |       | Nonmanufacturing |                     |       |       |  |  |
|-------------------------------------|------------|--------------------------------------|-----------|-----------|----------|-----------|-----------|--------------------------|-------|------------------|---------------------|-------|-------|--|--|
|                                     |            | Computer and                         |           |           |          |           |           |                          |       | Professional,    |                     |       |       |  |  |
|                                     | All        | electronic Electrical Transportation |           |           |          |           |           | technical, and Wholesale |       |                  |                     |       |       |  |  |
| Investing country or region         | industries | Total                                | Chemicals | Machinery | products | equipment | equipment | Other                    | Total | Information      | scientific services | trade | Other |  |  |
| Taiwan                              | 90         | 34                                   | 4         | 0         | D        | 5         | 0         | D                        | 55    | D                | D                   | D     | 0     |  |  |
| Other Asia and Pacific <sup>a</sup> | D          | D                                    | 0         | D         | 0        | D         | 0         | 6                        | 4     | 0                | 0                   | 4     | 0     |  |  |
| Other <sup>b</sup>                  | D          | D                                    | D         | D         | D        | 0         | 0         | D                        | D     | D                | D                   | D     | D     |  |  |

\* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies.

BRDIS = Business R&D and Innovation Survey; FDIUS = Foreign Direct Investment in the United States; MNC = multinational company; OWH = Other Western Hemisphere; UBO = ultimate beneficiary owner.

<sup>a</sup> Includes Hong Kong.

<sup>b</sup> Includes affiliates whose immediate parent company is located outside the United States but whose ultimate owner is a U.S. company.

NOTES: Data from BRDIS (cosponsored by the National Science Foundation and the U.S. Census Bureau) are matched to data from the FDIUS survey (conducted by the Bureau of Economic Analysis). BRDIS data in this table are for matched companies, where BRDIS-reported worldwide R&D expense plus worldwide R&D costs funded by others is greater than zero. Data are not weighted. Detail may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, U.S. Bureau of Economic Analysis, and U.S. Census Bureau, R&D Data Link Project, 2008–10.