

TABLE 28. Sales originating from domestic operations and domestic R&D performed by majority-owned U.S. affiliates of foreign MNCs, by source of funds, industry, and company size: BRDIS 2009
(Millions of U.S. dollars)

| Industry and company size | NAICS code | Sales originating from domestic operations | Total domestic R&D performed | Paid for by company | Paid for by others ^a | | |
|------------------------------------------------------------------------------|---------------------|--------------------------------------------|------------------------------|---------------------|---------------------------------|---------|------------|
| | | | | | Total | Federal | Nonfederal |
| All industries | 21-23, 31-33, 42-81 | 1,281,021 | 35,538 | 27,798 | 7,739 | 1,749 | 5,990 |
| Manufacturing industries | 31-33 | 1,027,309 | 29,646 | 23,949 | 5,697 | 1,700 | 3,997 |
| Food | 311 | 62,926 | 265 | 220 | 44 | 0 | 44 |
| Beverage and tobacco products | 312 | 1,612 | 17 | D | D | 0 | D |
| Textile, apparel, and leather | 313-16 | 3,965 | 59 | 59 | 0 | 0 | 0 |
| Wood products | 321 | D | 6 | 3 | 3 | 0 | 3 |
| Printing and related support activities | 323 | D | * | * | 0 | 0 | 0 |
| Chemicals | 325 | 287,129 | 15,466 | 13,281 | 2,184 | 24 | 2,160 |
| Basic chemicals | 3251 | 45,671 | 386 | D | D | 0 | D |
| Resin, synthetic rubber, fibers, and filament | 3252 | 36,522 | 458 | 441 | 17 | 0 | 17 |
| Pharmaceuticals and medicines | 3254 | 156,316 | 13,902 | 11,829 | 2,072 | 24 | 2,048 |
| Other chemicals | other 325 | 48,620 | 721 | D | D | 0 | D |
| Plastics and rubber products | 326 | 26,337 | 255 | D | D | D | D |
| Nonmetallic mineral products | 327 | 17,632 | 60 | 59 | 1 | * | * |
| Primary metals | 331 | 22,244 | 97 | 97 | * | 0 | * |
| Fabricated metal products | 332 | 14,395 | 170 | 159 | 10 | D | D |
| Machinery | 333 | 39,046 | 760 | 721 | 39 | D | D |
| Computer and electronic products | 334 | 125,945 | 8,446 | 5,833 | 2,613 | D | D |
| Communications equipment | 3342 | 12,060 | 1,684 | 1,155 | 529 | D | D |
| Semiconductor and other electronic components | 3344 | 11,722 | 794 | D | D | D | D |
| Navigational, measuring, electromedical, and control instruments | 3345 | 58,971 | 4,324 | 2,626 | 1,698 | D | D |
| Computer and peripheral equipment and other computer and electronic products | 3341, 3343, 3346 | 43,192 | 1,645 | D | D | 0 | D |
| Electrical equipment, appliances, and components | 335 | 36,585 | 613 | 563 | 50 | D | D |
| Transportation equipment | 336 | 214,880 | 2,034 | 1,614 | 419 | D | D |
| Automobiles, bodies, trailers, and parts | 3361-63 | 197,363 | 1,695 | 1,405 | 290 | D | D |
| Aerospace products and parts | 3364 | 15,010 | 323 | 194 | 129 | D | D |
| Other transportation | other 336 | 2,507 | 15 | 15 | 0 | 0 | 0 |
| Furniture and related products | 337 | 2,222 | 23 | 23 | 0 | 0 | 0 |
| Miscellaneous manufacturing | 339 | 27,315 | 855 | 725 | 130 | D | D |
| Medical equipment and supplies manufacturing | 3391 | 15,164 | 594 | 563 | 31 | 0 | 31 |
| Other miscellaneous manufacturing | 3399 | 12,151 | 261 | 162 | 99 | D | D |
| Other manufacturing | 322, 324 | 144,663 | 521 | D | D | D | D |
| Nonmanufacturing industries | 21-23, 42-81 | 253,713 | 5,891 | 3,849 | 2,042 | 50 | 1,993 |
| Mining, extraction, and support activities | 21 | 11,808 | D | D | D | * | D |
| Wholesale trade | 42 | 45,770 | 546 | 503 | 44 | 1 | 42 |
| Information | 51 | 45,992 | 1,487 | D | D | 1 | D |
| Publishing | 511 | D | 1,160 | D | D | 0 | D |
| Telecommunications | 517 | 26,281 | 45 | D | D | 1 | D |
| Internet service providers, Web search portals, and data processing services | 518 | D | D | D | 0 | 0 | 0 |

TABLE 28. Sales originating from domestic operations and domestic R&D performed by majority-owned U.S. affiliates of foreign MNCs, by source of funds, industry, and company size: BRDIS 2009 (Millions of U.S. dollars)

| Industry and company size | NAICS code | Sales originating from domestic operations | Total domestic R&D performed | Paid for by company | Paid for by others ^a | | |
|-----------------------------------------------------------|---------------------------|--------------------------------------------|------------------------------|---------------------|---------------------------------|---------|------------|
| | | | | | Total | Federal | Nonfederal |
| Other information | other 51 | 175 | D | D | 0 | 0 | 0 |
| Professional, scientific, and technical services | 54 | 99,916 | 2,986 | 1,371 | 1,615 | 46 | 1,569 |
| Architectural, engineering, and related services | 5413 | 23,897 | 377 | D | D | * | D |
| Computer systems design and related services | 5415 | 11,108 | 558 | 456 | 102 | D | D |
| Scientific research and development services | 5417 | 55,803 | 1,713 | 362 | 1,350 | D | D |
| Other professional, scientific, and technical services | other 54 | 9,107 | 338 | D | D | 1 | D |
| Other nonmanufacturing | 55-56, 61, 624, 71-72, 81 | 50,227 | D | D | 7 | 1 | 6 |
| All companies | 21-23, 31-33, 42-81 | 1,281,021 | 35,538 | 27,798 | 7,739 | 1,749 | 5,990 |
| Small companies (5-499 domestic employees) ^b | - | 47,922 | 2,171 | 1,413 | 758 | 10 | 748 |
| Medium and large companies (number of domestic employees) | | | | | | | |
| 500-999 | - | 69,705 | 1,782 | D | D | 12 | D |
| 1,000-4,999 | - | 333,418 | 8,283 | 6,355 | 1,927 | 86 | 1,841 |
| 5,000-9,999 | - | 170,777 | 6,292 | 5,548 | 744 | D | D |
| 10,000-24,999 | - | 469,632 | 13,582 | 11,212 | 2,370 | D | D |
| 25,000 or more | - | 189,567 | 3,428 | D | D | D | 113 |

* = 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; NAICS = 2007 North American Industry Classification System.

^a Includes foreign parent companies.

^b The upper bound is based on the U.S. Small Business Administration's definition of a small business: BRDIS does not include companies with fewer than five domestic employees.

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. The industry classification is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned.

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.