

TABLE 13. 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 2008 (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	1,407,666	35,054	29,059	5,996	1,414	4,581
Manufacturing industries	31–33	1,156,631	29,178	24,185	4,993	1,391	3,602
Food	311	46,457	193	D	D	0	D
Beverage and tobacco products	312	31,364	51	51	0	0	0
Textile, apparel, and leather	313–16	2,424	21	20	1	0	1
Wood products	321	423	3	3	0	0	0
Printing and related support activities	323	D	2	2	0	0	0
Chemicals	325	270,795	14,348	12,589	1,759	6	1,752
Basic chemicals	3251	74,567	713	D	D	D	1
Resin, synthetic rubber, fibers, and filament	3252	7,614	58	D	D	0	D
Pharmaceuticals and medicines	3254	151,549	12,735	11,066	1,669	D	D
Other chemicals	other 325	37,065	841	D	D	0	D
Plastics and rubber products	326	59,217	434	394	41	0	41
Nonmetallic mineral products	327	17,916	179	177	2	1	1
Primary metals	331	28,930	160	160	*	0	*
Fabricated metal products	332	19,986	268	D	D	D	0
Machinery	333	64,742	1,295	1,259	36	D	D
Computer and electronic products	334	124,050	8,458	5,986	2,472	D	D
Communications equipment	3342	40,192	2,786	2,292	494	D	D
Semiconductor and other electronic components	3344	12,815	562	395	167	0	167
Navigational, measuring, electromedical, and control instruments	3345	56,999	3,765	D	D	D	D
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	14,043	1,345	D	D	0	D
Electrical equipment, appliances, and components	335	42,914	681	643	39	D	D
Transportation equipment	336	178,215	1,642	1,178	465	D	D
Automobiles, bodies, trailers, and parts	3361–63	160,333	1,313	969	345	D	D
Aerospace products and parts	3364	D	322	202	120	D	D
Other transportation	other 336	D	7	7	0	0	0
Furniture and related products	337	2,045	38	38	0	0	0
Miscellaneous manufacturing	339	39,023	851	814	37	D	D
Medical equipment and supplies manufacturing	3391	19,812	641	616	25	*	25
Other miscellaneous manufacturing	3399	19,211	210	198	11	D	D
Other manufacturing	322, 324	D	554	D	D	0	D
Nonmanufacturing industries	21–23, 42–81	251,035	5,877	4,874	1,003	23	980
Mining, extraction, and support activities	21	14,686	413	413	*	0	*
Wholesale trade	42	48,395	637	596	41	0	41
Information	51	23,103	1,071	855	216	1	215
Publishing	511	18,769	994	782	212	*	212
Telecommunications	517	D	D	D	4	1	3
Internet service providers, Web search portals, and data processing services	518	D	D	D	0	0	0

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Other information	other 51	D	D	D	0	0	0
Professional, scientific, and technical services	54	137,564	3,522	2,784	738	22	716
Architectural, engineering, and related services	5413	19,084	362	296	66	D	D
Computer systems design and related services	5415	7,936	808	D	D	0	D
Scientific research and development services	5417	96,511	2,122	1,530	592	D	D
Other professional, scientific, and technical services	other 54	14,034	230	D	D	*	D
Other nonmanufacturing	55–56, 61, 624, 71–72, 81	27,286	233	226	7	0	7
All companies	21–23, 31–33, 42–81	1,407,666	35,054	29,059	5,996	1,414	4,581
Small companies (5–499 domestic employees) ^b	–	56,805	1,991	1,492	499	6	494
Medium and large companies (number of domestic employees)							
500–999	–	82,397	2,267	D	D	4	D
1,000–4,999	–	340,044	7,826	6,087	1,739	D	D
5,000–9,999	–	194,292	4,304	D	D	D	D
10,000–24,999	–	580,394	14,980	13,246	1,734	6	1,728
25,000 or more	–	153,733	3,686	D	D	D	237

* = 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 = 2002 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.