

TABLE 43. 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 2010 (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	1,367,921	39,700	30,175	9,524	1,469	8,055
Manufacturing industries	31–33	1,046,057	33,019	25,927	7,092	1,423	5,669
Food	311	36,452	320	176	144	0	144
Beverage and tobacco products	312	30,744	31	31	0	0	0
Textile, apparel, and leather	313–16	4,877	81	81	0	0	0
Wood products	321	719	12	D	D	0	D
Printing and related support activities	323	D	D	D	*	0	*
Chemicals	325	291,956	16,134	13,747	2,386	D	D
Basic chemicals	3251	68,677	561	D	D	D	D
Resin, synthetic rubber, fibers, and filament	3252	23,950	169	D	D	0	D
Pharmaceuticals and medicines	3254	156,473	14,414	12,364	2,050	8	2,042
Other chemicals	other 325	42,856	989	D	D	0	D
Plastics and rubber products	326	36,678	397	D	D	D	D
Nonmetallic mineral products	327	14,155	174	D	D	D	D
Primary metals	331	37,866	109	D	D	0	D
Fabricated metal products	332	16,942	149	141	8	0	8
Machinery	333	46,189	1,076	887	189	1	188
Computer and electronic products	334	144,682	9,568	6,815	2,754	D	D
Communications equipment	3342	49,359	3,138	2,535	603	D	D
Semiconductor and other electronic components	3344	16,466	963	D	D	D	94
Navigational, measuring, electromedical, and control instruments	3345	60,732	4,087	2,430	1,657	D	D
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	18,125	1,380	D	D	1	D
Electrical equipment, appliances, and components	335	26,863	643	600	43	2	42
Transportation equipment	336	238,411	2,742	1,684	1,059	D	D
Automobiles, bodies, trailers, and parts	3361–63	220,005	1,842	1,398	444	8	436
Aerospace products and parts	3364	15,619	877	D	D	D	D
Other transportation	other 336	2,787	23	D	D	0	D
Furniture and related products	337	1,487	D	D	0	0	0
Miscellaneous manufacturing	339	30,734	1,152	981	170	4	166
Medical equipment and supplies manufacturing	3391	18,954	985	828	157	3	155
Other miscellaneous manufacturing	3399	11,780	167	154	13	2	11
Other manufacturing	322, 324	D	375	D	D	0	D
Nonmanufacturing industries	21–23, 42–81	321,863	6,681	4,249	2,432	46	2,386
Mining, extraction, and support activities	21	104,016	1,215	D	D	D	D
Wholesale trade	42	37,113	364	D	D	D	D
Information	51	54,768	1,969	1,661	308	D	D
Publishing	511	24,187	1,856	D	D	0	D
Telecommunications	517	D	64	D	D	D	D
Data processing, hosting, and related services	518	D	D	D	0	0	0
Other information	other 51	142	D	D	0	0	0

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Professional, scientific, and technical services	54	100,950	2,949	1,113	1,835	42	1,793
Architectural, engineering, and related services	5413	21,853	409	322	88	D	D
Computer systems design and related services	5415	D	343	D	D	D	D
Scientific research and development services	5417	63,450	1,907	331	1,576	14	1,561
Other professional, scientific, and technical services	other 54	D	290	D	D	D	D
Other nonmanufacturing	55–56, 61, 624, 71–72, 81	25,017	183	D	D	1	D
All companies	21–23, 31–33, 42–81	1,367,921	39,700	30,175	9,524	1,469	8,055
Small companies (5–499 domestic employees) ^b	–	55,289	2,428	1,531	897	15	882
Medium and large companies (number of domestic employees)							
500–999	–	92,731	2,427	2,000	427	14	412
1,000–4,999	–	367,377	10,409	7,149	3,260	70	3,190
5,000–9,999	–	185,448	7,037	5,174	1,863	D	D
10,000–24,999	–	407,371	11,267	9,830	1,437	7	1,430
25,000 or more	–	259,705	6,133	4,492	1,641	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; 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.