

TABLE 5. Worldwide, domestic, and foreign employment and R&D employment by parent companies of U.S. MNCs, by industry and company size: BRDIS 2008 (Thousands of employees)

Industry and company size	NAICS code	Total employment			R&D employment		
		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
All industries	21–23, 31–33, 42–81	17,754	10,828	6,926	1,145	786	359
Manufacturing industries	31–33	12,130	6,524	5,606	802	554	248
Food	311	850	563	287	10	7	3
Beverage and tobacco products	312	455	235	220	3	2	1
Textile, apparel, and leather	313–16	392	259	133	3	2	1
Wood products	321	87	72	15	1	1	*
Printing and related support activities	323	25	14	11	*	*	*
Chemicals	325	1,990	1,024	966	169	121	48
Basic chemicals	3251	368	196	172	20	15	6
Resin, synthetic rubber, fibers, and filament	3252	218	113	105	3	3	1
Pharmaceuticals and medicines	3254	841	439	402	116	84	32
Other chemicals	other 325	563	277	286	29	20	10
Plastics and rubber products	326	319	198	120	10	5	5
Nonmetallic mineral products	327	162	105	57	5	3	2
Primary metals	331	256	144	112	3	2	1
Fabricated metal products	332	260	157	104	6	4	3
Machinery	333	1,099	578	521	49	33	16
Computer and electronic products	334	2,140	1,080	1,059	285	196	89
Communications equipment	3342	219	124	95	59	37	21
Semiconductor and other electronic components	3344	551	221	330	112	74	38
Navigational, measuring, electromedical, and control instruments	3345	795	483	312	62	47	15
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	574	252	322	52	37	15
Electrical equipment, appliances, and components	335	416	184	232	15	7	8
Transportation equipment	336	2,642	1,408	1,234	200	138	61
Automobiles, bodies, trailers, and parts	3361–63	1,433	530	903	89	46	43
Aerospace products and parts	3364	1,190	862	328	110	91	19
Other transportation	other 336	19	16	2	1	1	*
Furniture and related products	337	62	47	14	1	1	*
Miscellaneous manufacturing	339	448	228	220	25	19	6
Medical equipment and supplies manufacturing	3391	214	125	89	15	12	3
Other miscellaneous manufacturing	3399	234	103	131	10	8	3
Other manufacturing	322, 324	526	225	301	16	11	5
Nonmanufacturing industries	21–23, 42–81	5,624	4,304	1,320	342	232	111
Mining, extraction, and support activities	21	270	164	106	5	4	1
Wholesale trade	42	137	105	32	3	3	1
Information	51	2,046	1,408	638	199	136	63
Publishing	511	962	421	541	149	96	52
Telecommunications	517	711	696	15	25	24	1
Internet service providers, Web search portals, and data processing services	518	D	D	D	23	13	10
Other information	other 51	D	D	D	3	2	*
Professional, scientific, and technical services	54	806	522	283	115	72	43
Architectural, engineering, and related services	5413	138	90	49	10	10	1
Computer systems design and related services	5415	322	190	133	49	25	25
Scientific research and development services	5417	126	99	26	39	23	16
Other professional, scientific, and technical services	other 54	219	144	76	16	15	1
Other nonmanufacturing	22–23, 44–49, 52–53, 55–81	2,366	2,105	261	20	17	3
All companies	21–23, 31–33, 42–81	17,754	10,828	6,926	1,145	786	359
Small companies (5–499 domestic employees) <sup>a</sup>	–	180	79	101	D	13	D
Medium and large companies (number of domestic employees)							
500–999	–	265	117	148	21	13	8
1,000–4,999	–	2,099	1,124	976	187	118	69

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		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
5,000–9,999	–	2,060	1,095	965	154	97	57
10,000–24,999	–	3,524	1,966	1,558	245	160	85
25,000 or more	–	9,625	6,448	3,178	D	385	D

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

BRDIS = Business R&D and Innovation Survey; MNC = multinational company; NAICS = 2002 North American Industry Classification System; USDIA = U.S. Direct Investment Abroad.

<sup>a</sup> 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 USDIA 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.