

TABLE 20. Worldwide, domestic, and foreign employment and R&D employment by parent companies of U.S. MNCs, by industry and company size: BRDIS 2009

(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	19,190	11,386	7,805	1,170	788	382
Manufacturing industries	31–33	12,385	6,567	5,817	809	556	253
Food	311	1,364	862	502	19	12	6
Beverage and tobacco products	312	256	87	169	2	D	D
Textile, apparel, and leather	313–16	169	89	80	2	D	D
Wood products	321	68	56	12	1	1	*
Printing and related support activities	323	149	115	34	1	D	D
Chemicals	325	1,794	938	856	154	114	40
Basic chemicals	3251	303	165	137	11	7	4
Resin, synthetic rubber, fibers, and filament	3252	189	124	66	6	5	1
Pharmaceuticals and medicines	3254	755	418	337	107	82	24
Other chemicals	other 325	547	231	317	31	20	11
Plastics and rubber products	326	385	221	164	16	9	7
Nonmetallic mineral products	327	95	55	39	3	2	*
Primary metals	331	273	179	94	4	3	1
Fabricated metal products	332	225	152	73	5	4	1
Machinery	333	1,069	546	522	52	35	16
Computer and electronic products	334	2,251	1,046	1,205	287	193	94
Communications equipment	3342	250	119	131	68	41	27
Semiconductor and other electronic components	3344	548	211	337	99	60	39
Navigational, measuring, electromedical, and control instruments	3345	862	499	363	76	63	13
Computer and peripheral equipment and other computer and electronic products	3341, 3343, 3346	591	218	373	44	29	15
Electrical equipment, appliances, and components	335	566	225	341	28	13	16
Transportation equipment	336	2,628	1,398	1,230	173	122	51
Automobiles, bodies, trailers, and parts	3361–63	1,475	563	912	74	43	31
Aerospace products and parts	3364	1,026	733	293	93	73	19
Other transportation	other 336	127	103	25	6	5	1
Furniture and related products	337	85	64	21	1	1	*
Miscellaneous manufacturing	339	570	298	272	45	32	13
Medical equipment and supplies manufacturing	3391	426	224	202	36	26	10
Other miscellaneous manufacturing	3399	145	75	70	9	7	3
Other manufacturing	322, 324	438	236	202	16	10	6
Nonmanufacturing industries	21–23, 42–81	6,806	4,818	1,987	361	232	129
Mining, extraction, and support activities	21	312	177	135	7	6	1
Wholesale trade	42	98	82	15	3	3	*
Information	51	1,939	1,328	611	205	129	75
Publishing	511	921	399	522	167	99	68
Telecommunications	517	650	648	2	9	9	*
Internet service providers, Web search portals, and data processing services	518	126	86	40	12	9	3

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		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
Other information	other 51	243	196	47	17	12	4
Professional, scientific, and technical services	54	1,355	767	587	121	74	46
Architectural, engineering, and related services	5413	167	104	63	5	5	*
Computer systems design and related services	5415	671	394	277	65	38	27
Scientific research and development services	5417	117	81	36	36	20	15
Other professional, scientific, and technical services	other 54	400	189	211	15	11	3
Other nonmanufacturing	22-23, 44-49, 52-53, 55-81	3,102	2,463	639	26	19	6
All companies	21-23, 31-33, 42-81	19,190	11,386	7,805	1,170	788	382
Small companies (5-499 domestic employees) ^a	-	349	124	225	38	24	14
Medium and large companies (number of domestic employees)							
500-999	-	346	165	181	34	21	13
1,000-4,999	-	2,598	1,377	1,221	209	132	77
5,000-9,999	-	2,077	1,144	933	148	95	53
10,000-24,999	-	3,724	2,237	1,487	265	190	75
25,000 or more	-	10,097	6,339	3,758	476	326	150

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

BRDIS = Business R&D and Innovation Survey; MNC = multinational company; NAICS = 2007 North American Industry Classification System; USDIA = U.S. Direct Investment Abroad.

^a 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.