

Appendix table 4-30

**R&D performed in the United States by U.S. multinational company parent companies, by NAICS industry: 2009–10**

(Millions of current U.S. dollars)

Industry	NAICS code	2009	2010
All industries	na	207,297	212,513
Mining	21	560	554
Oil and gas extraction	211	D	8
Other mining	na	D	546
Manufacturing	31–33	157,731	161,230
Food	311	1,927	2,219
Beverage and tobacco products	312	338	313
Textiles, apparel, and leather products	313–16	182	217
Wood products	321	80	87
Paper manufacturing	322	1,069	1,176
Printing and related support activities	323	133	74
Petroleum and coal products	324	2,924	3,431
Chemicals	325	47,244	49,866
Basic chemicals	3251	913	1,000
Resins and synthetic rubber, fiber, and filament	3252	2,721	3,233
Pharmaceuticals and medicines	3254	39,576	41,616
Soap, cleaning compound, and toilet preparation	3256	D	1,936
Other	na	D	2,081
Plastic and rubber products	326	1,109	1,250
Nonmetallic mineral products	327	388	383
Primary and fabricated metals	na	1,217	1,165
Primary metals	331	453	481
Fabricated metal products	332	764	684
Machinery	333	6,743	7,730
Agriculture, construction, and mining machinery	3331	2,330	2,814
Industrial machinery	3332	1,690	1,999
Other machinery	na	2,724	2,917
Computer and electronic products	334	35,823	34,451
Computer and peripheral equipment	3341	6,717	4,919
Communication equipment	3342	7,991	7,876
Audio and video equipment	3343	D	D
Semiconductor and other electronic components	3344	12,893	13,642
Navigational, measuring, and other instruments	3345	7,557	7,309
Magnetic and optical media	3346	D	D
Electrical equipment, appliances, and components	335	3,040	2,999
Transportation equipment	336	48,960	48,622
Motor vehicles, bodies and trailers, and parts	3361, 3362, 3363	10,316	12,385
Other	na	38,643	36,237
Furniture and related products	337	237	217
Miscellaneous manufacturing	339	6,317	7,029
Wholesale trade	42	6,440	6,056
Professional and commercial equipment and supplies	4234	1,173	1,632
Petroleum and petroleum products	4247	D	D
Drugs and druggists' sundries	4242	1,322	1,356
Other	na	D	D
Retail trade	44–45	D	D
Clothing and clothing accessories stores	448	8	11
General merchandise stores	452	0	0
Other	na	D	D
Information	51	21,035	22,165
Publishing	511	14,456	14,522
Motion picture and sound recording industries	512	D	D
Broadcasting (except Internet) and telecommunications	na	1,128	1,157
Broadcasting (except Internet)	515	D	D
Telecommunications	517	D	D

**R&D performed in the United States by U.S. multinational company parent companies, by NAICS industry: 2009–10**

(Millions of current U.S. dollars)

Industry	NAICS code	2009	2010
Data processing, hosting, and related services	518	750	806
Other	na	D	D
Finance and insurance	52	186	190
Depository credit intermediation (banking)	5221	0	0
Finance (except depository institutions)	na	D	D
Insurance carriers and related activities	524	D	D
Professional, scientific, and technical services	54	15,931	17,557
Architectural, engineering, and related services	5413	42	118
Computer systems design and related services	5415	10,134	11,142
Management, scientific, and technical consulting	5416	71	D
Advertising and related services	5418	1	D
Other	na	5,683	6,208
Other industries	na	D	D
Agriculture, forestry, fishing, and hunting	11	D	D
Construction	23	4	D
Utilities	22	6	12
Transportation and warehousing	48–49	68	56
Real estate, rental, and leasing	53	D	D
Management of nonbank companies and enterprises	55	0	*
Administration, support, and waste management	56	D	988
Health care and social assistance	62	D	D
Accommodation and food services	72	37	51
Miscellaneous services	na	344	159

\* = &lt; \$500,000; D = suppressed to avoid disclosure of confidential information; na = not applicable.

NAICS = North American Industry Classification System.

NOTES: Data are for all parent companies of U.S. multinational companies (MNCs). (Before 2009, data were for nonbank U.S. MNC parent companies.) A U.S. MNC parent company is defined as a company that resides in the United States and owns or controls at least 10% of voting securities or the equivalent of foreign business enterprise. Industries are classified by the Bureau of Economic Analysis using the International Survey Industry classification system based on the NAICS. Data are for R&D performed regardless of funding source, whether for the performer itself or others, including R&D performed for the federal government; data exclude R&D conducted by others under contract.

SOURCE: Bureau of Economic Analysis, Survey of U.S. Direct Investment Abroad (annual series), <http://www.bea.gov/international/index.htm#omc>, accessed January 2013.