

Appendix table 4-53

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R&D performed in United States by U.S. MNC-parent companies, by NAICS industry: 1999–2000

(Millions of current U.S. dollars)

Industry/sector	NAICS code	1999	2000
All industries.....	na	126,291	131,576
Mining.....	21	212	297
Oil and gas extraction.....	211	53	49
Other mining.....	na	159	248
Utilities.....	22	81	121
Manufacturing.....	31–33	104,842	107,189
Food.....	311	934	911
Beverages and tobacco products.....	312	501	520
Textiles, apparel, and leather products.....	313	275	266
Wood products.....	321	31	D
Paper.....	322	1,478	1,519
Printing and related support activities.....	323	129	147
Petroleum and coal products.....	324	990	1,206
Chemicals.....	325	28,198	28,480
Basic chemicals.....	3251	1,627	1,524
Resins and synthetic rubber, fibers and filaments.....	3252	2,784	2,940
Pharmaceuticals and medicines.....	3254	18,382	19,961
Soap, cleaning compounds, and toilet preparations.....	3256	1,957	2,239
Other chemicals.....	na	3,449	1,816
Plastics and rubber products.....	326	1,031	939
Nonmetallic mineral products.....	327	371	415
Primary and fabricated metals.....	na	1,320	1,334
Primary metals.....	331	760	816
Fabricated metal products.....	332	560	517
Machinery.....	333	5,252	5,839
Agriculture, construction, and mining machinery.....	3331	1,340	1,318
Industrial machinery.....	3332	1,250	1,589
Other machinery.....	na	2,662	2,932
Computers and electronic products.....	334	30,298	34,104
Computers and peripheral equipment.....	3341	5,659	5,766
Communications equipment.....	3342	13,276	14,314
Audio and video equipment.....	3343	407	579
Semiconductors and other electronic components.....	3344	8,997	9,788
Navigational, measuring, and other instruments.....	3345	1,579	3,201
Magnetic and optical media.....	3346	381	455
Electrical equipment, appliances, and components.....	335	2,958	2,517
Transportation equipment.....	336	29,162	26,714
Motor vehicles, bodies and trailers, and parts.....	3361, 3362, 3363	17,513	16,219
Other transportation equipment.....	na	11,649	10,495
Furniture and related products.....	337	90	D
Miscellaneous manufacturing.....	339	1,826	2,124
Wholesale trade: durable and nondurable goods.....	42	4,000	4,100
Professional and commercial equipment and supplies.....	4214	2,635	D
Other durable goods wholesalers.....	na	774	586
Petroleum and petroleum products.....	4227	D	27
Other nondurable goods wholesalers.....	na	D	D
Information.....	51	6,763	8,114
Publishing industries.....	511	4,050	4,989
Motion picture and sound recording industries.....	512	D	12
Broadcasting and telecommunications.....	513	869	1,191
Broadcasting, cable networks, and program distribution.....	5131, 5132	D	12
Telecommunications.....	5133	D	1,179
Information services and data processing services.....	514	D	1,921

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R&D performed in United States by U.S. MNC-parent companies, by NAICS industry: 1999–2000

(Millions of current U.S. dollars)

Industry/sector	NAICS code	1999	2000
Finance (except depository institutions) and insurance	52	315	264
Finance (except depository institutions)	na	240	217
Securities, commodity contracts, and other intermediation and related activities	523	D	16
Other finance (except depository institutions)	na	D	201
Insurance carriers and related activities	524	75	47
Professional, scientific, and technical services	54	8,522	9,934
Architectural, engineering, and related services	5413	49	29
Computer systems design and related services	5415	7,453	8,268
Management, scientific, and technical consulting	5416	D	D
Advertising and related services	5418	D	D
Other professional, scientific, and technical services	na	716	853
Other industries	na	1,556	1,557
Agriculture, forestry, fishing and hunting	11	2	2
Construction	23	D	D
Retail trade	44-45	D	D
Transportation and warehousing	48-49	26	23
Real estate and rental and leasing	53	D	6
Real estate	531	0	0
Rental and leasing (except real estate)	532	D	6
Management of companies and enterprises (except bank companies)	55	0	0
Administration, support, and waste management	56	6	5
Health care and social assistance	62	D	26
Accommodation and food services	72	25	31
Accommodation	721	0	0
Food services and drinking places	722	25	31
Miscellaneous services	na	15	14

D data withheld to avoid disclosing operations of individual companies

MNC multinational corporation

NAICS North American Industry Classification System

na not applicable

NOTES: A U.S. MNC-parent company is a company, resident in the United States, that owns or controls at least 10 percent of the voting securities, or equivalent, of a foreign business enterprise. Data include R&D performed by U.S. MNC-parent companies, regardless of funding source, whether for the performer itself or for others, including R&D performed for the Federal Government; data exclude R&D conducted by others under contract. Estimates for 2000 are preliminary.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Survey of U.S. Direct Investment Abroad, annual series, <http://www.bea.gov/bea/di/di1usdop.htm>.