

Appendix table 4-50

R&D performed by majority-owned affiliates of foreign companies in United States, by NAICS industry of affiliate: 1997–2000

(Millions of current U.S. dollars)

Industry/sector	NAICS code	1997	1998	1999	2000
Total		17,216	22,375	24,027	26,089
Manufacturing	31–33	14,270	18,788	19,991	20,554
Food	311	239	224	205	203
Printing and related support activities	323	34	42	76	52
Petroleum and coal products	324	272	479	D	D
Chemicals	325	6,754	7,770	7,679	7,023
Basic chemicals	3251	617	623	832	688
Pharmaceuticals and medicines	3254	5,304	6,381	6,191	5,646
Other chemicals	325 (minus 3251, 3254)	833	766	656	689
Plastics and rubber products	326	331	349	372	305
Nonmetallic mineral products	327	214	146	172	195
Primary metals	331	60	65	61	67
Fabricated metal products	332	203	181	149	207
Machinery	333	721	677	898	868
Agriculture, construction, and mining machinery	3331	103	69	290	243
Industrial machinery	3332	83	90	D	132
Other machinery	333 (minus 3331, 3332)	535	518	D	494
Computer and electronic products	334	3,413	4,487	5,031	6,182
Computers and peripheral equipment	3341	120	324	D	D
Communications equipment	3342	2,243	3,045	3,431	4,617
Semiconductors and other electronic components	3344	586	635	917	1,004
Other electronic products	334 (minus 3341, 3342, 3344)	464	483	D	D
Electrical equipment, appliances, and components	335	781	885	1,195	1,714
Transportation equipment	336	641	2,762	3,204	3,206
Motor vehicles, bodies, and trailers	3361, 3362, 3363	500	2,555	D	2,959
Other transportation equipment	336 (minus 3361, 3362, 3363)	141	207	D	247
Other manufacturing		607	721	D	D
Wholesale trade	42	D	D	D	D
Information	51	260	329	548	790
Publishing industries	511	D	D	D	D
Motion picture and sound recording industries ...	512	5	1	—	—
Broadcasting and telecommunications	513	7	6	D	D
Information services and data processing services	514	D	D	D	D
Finance and insurance (except depository institutions)	52	12	D	D	D
Professional, scientific, and technical services	54	597	685	836	818
Architectural, engineering, and related services	5413	12	13	36	22
Computer systems design and related services	5415	281	333	315	297
Management, scientific, and technical consulting	5416	—	—	0	0
Other professional, scientific, and technical services	54 (minus 5413, 5415, 5416)	303	339	485	498

— less than \$500,000

D data withheld to avoid disclosing operations of individual companies

NAICS North American Industry Classification System

NOTES: Data are for majority-owned (more than 50 percent ownership) nonbank U.S. affiliates of foreign parent companies. Data exclude expenditures for R&D conducted by others under contract. Estimates for 2000 are preliminary.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, Survey of Foreign Direct Investment in the United States, annual series, <http://www.bea.gov/bea/di/di1fdiop.htm>.