

TABLE 4. R&D performance by matched majority-owned U.S. affiliates of foreign companies, by industry and character of work: SIRD 2004
(Millions of U.S. dollars)

Industry	NAICS codes	All R&D performance	Character of work		
			Basic research	Applied research	Development
All industries	21-23, 31-33, 42, 44-81	28,854	873	6,121	21,860
Manufacturing	31-33	24,276	719	4,644	18,914
Food	311	440	D	D	367
Beverage and tobacco products	312	D	D	D	D
Paper, printing, and support activities	322, 323	41	D	D	D
Petroleum and coal products	324	D	D	D	D
Chemicals	325	10,063	263	2,859	6,942
Basic chemicals	3251	565	67	122	375
Resin, synthetic rubber, fibers, and filament	3252	73	2	14	57
Pharmaceuticals and medicines	3254	8,908	186	2,522	6,199
Other chemicals	other 325	517	7	200	310
Plastics and rubber products	326	378	D	D	302
Nonmetallic mineral products	327	175	13	62	101
Primary metals	331	75	D	D	63
Fabricated metal products	332	166	2	17	147
Machinery	333	844	10	139	695
Computer and electronic products	334	6,855	336	861	5,658
Computers and peripheral equipment	3341	1,078	D	D	D
Communications equipment	3342	2,046	D	D	1,643
Semiconductor and other electronic components	3344	1,129	D	D	1,064
Navigational, measuring, electromedical, and control instruments	3345	2,429	39	404	1,986
Other computer and electronic products	other 334	173	D	D	D
Electrical equipment, appliances, and components	335	348	3	71	274
Transportation equipment	336	3,887	24	211	3,652
Motor vehicles, trailers, and parts	3361-63	3,549	D	D	D
Aerospace products and parts	3364	D	D	D	D
Other transportation equipment	other 336	D	0	0	D
Miscellaneous manufacturing	339	521	6	55	460
Medical equipment and supplies	3391	401	D	D	362
Other miscellaneous manufacturing	other 339	120	D	D	98
Other manufacturing	313-16, 321, 337	63	D	D	59
Nonmanufacturing	21-23, 42, 44-81	4,578	155	1,478	2,946
Mining, extraction, and support activities	21	349	D	72	D
Wholesale trade	42	209	D	D	159
Information	51	1,517	D	D	679
Publishing	511	784	D	D	D
Newspaper, periodical, book, and database	5111	D	D	D	D
Software	5112	D	D	120	D
Broadcasting and telecommunications	513	D	*	D	D
Other information	other 51	D	D	D	D
Finance, insurance, and real estate	52, 53	D	D	D	165
Professional, scientific, and technical services	54	1,685	D	D	1,126
Architectural, engineering, and related services	5413	183	D	D	D
Computer systems design and related services	5415	170	1	D	D
Scientific R&D services	5417	1,131	D	D	604
Other professional, scientific, and technical services	other 54	201	D	D	D

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Health care services	621-23	D	0	D	D
Other nonmanufacturing	22, 23, 44, 45, 48, 49, 55, 56, 61, 624, 71, 72, 81	469	7	70	392

* = amount < \$500,000; D = suppressed to avoid disclosure of confidential information.

BEA = Bureau of Economic Analysis; NAICS = North American Industry Classification System; FDIUS = Foreign Direct Investment in the United States; SIRD = Survey of Industrial Research and Development.

NOTES: Data from SIRD (cosponsored by National Science Foundation and U.S. Census Bureau) matched to data from FDIUS survey (conducted by BEA). SIRD data presented are aggregations of unweighted microdata. Detail may not add to total because of rounding.

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, 2004-07.