

TABLE 29. R&D performance by matched majority-owned U.S. affiliates of foreign companies, by industry and character of work: SIRD 2005
(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	29,963	1,016	6,138	22,808
Manufacturing	31-33	23,300	919	4,300	18,082
Food	311	520	16	89	415
Beverage and tobacco products	312	D	*	D	D
Paper, printing, and support activities	322, 323	D	1	D	D
Petroleum and coal products	324	D	D	D	D
Chemicals	325	10,420	546	2,537	7,338
Basic chemicals	3251	599	52	123	424
Resin, synthetic rubber, fibers, and filament	3252	300	3	13	284
Pharmaceuticals and medicines	3254	8,840	409	2,332	6,099
Other chemicals	other 325	681	47	158	476
Plastics and rubber products	326	524	D	D	426
Nonmetallic mineral products	327	184	12	65	108
Primary metals	331	96	D	21	D
Fabricated metal products	332	184	5	16	163
Machinery	333	666	8	74	584
Computer and electronic products	334	5,197	224	626	4,347
Computers and peripheral equipment	3341	1,211	84	189	938
Communications equipment	3342	233	D	5	D
Semiconductor and other electronic components	3344	2,090	D	D	1,911
Navigational, measuring, electromedical, and control instruments	3345	1,496	5	292	1,198
Other computer and electronic products	other 334	169	D	D	D
Electrical equipment, appliances, and components	335	387	3	71	312
Transportation equipment	336	4,075	19	278	3,778
Motor vehicles, trailers, and parts	3361-63	3,646	D	D	D
Aerospace products and parts	3364	D	0	D	D
Other transportation equipment	other 336	D	D	D	D
Miscellaneous manufacturing	339	453	D	D	410
Medical equipment and supplies	3391	411	D	D	368
Other miscellaneous manufacturing	other 339	43	D	D	42
Other manufacturing	313-16, 321, 337	62	2	D	D
Nonmanufacturing	21-23, 42, 44-81	6,662	97	1,839	4,727
Mining, extraction, and support activities	21	290	D	D	181
Wholesale trade	42	459	D	D	353
Information	51	1,597	D	D	D
Publishing	511	792	1	D	D
Newspaper, periodical, book, and database	5111	D	0	D	D
Software	5112	D	1	D	D
Telecommunications	517	D	D	D	D
Wired and wireless (except satellite)					
telecommunications carriers	5171, 5172	D	D	D	D
Satellite telecommunications	5174	D	0	0	D
Other telecommunications	other 517	0	0	0	0
Internet service providers, web search portals, and data processing services	518	D	*	D	D
Internet service providers and web search portals	5181	D	0	D	0
Data processing, hosting, and related services	5182	D	*	6	D
Other information	other 51	D	D	D	D
Finance, insurance, and real estate	52, 53	D	D	D	D
Professional, scientific, and technical services	54	3,198	79	869	2,250
Architectural, engineering, and related services	5413	1,297	38	663	596
Computer systems design and related services	5415	1,095	D	D	D

TABLE 29. R&D performance by matched majority-owned U.S. affiliates of foreign companies, by industry and character of work: SIRD 2005
(Millions of U.S. dollars)

Industry	NAICS codes	All R&D performance	Character of work		
			Basic research	Applied research	Development
Scientific R&D services	5417	560	D	D	410
Other professional, scientific, and technical services	other 54	245	D	D	D
Health care services	621-23	D	0	0	D
Other nonmanufacturing	22, 23, 44, 45, 48, 49, 55, 56, 61, 624, 71, 72, 81	337	5	D	D

* = 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.