

TABLE 54. R&D performance by matched majority-owned U.S. affiliates of foreign companies, by industry and character of work: SIRD 2006
(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	32,924	1,025	6,707	25,191
Manufacturing	31-33	28,115	949	6,136	21,031
Food	311	523	59	113	351
Beverage and tobacco products	312	D	*	D	2
Paper, printing, and support activities	322, 323	D	*	D	D
Petroleum and coal products	324	D	D	D	D
Chemicals	325	11,420	479	2,914	8,027
Basic chemicals	3251	462	37	71	355
Resin, synthetic rubber, fibers, and filament	3252	76	1	10	65
Pharmaceuticals and medicines	3254	10,236	380	2,656	7,201
Other chemicals	other 325	646	61	178	407
Plastics and rubber products	326	671	95	55	521
Nonmetallic mineral products	327	193	10	65	118
Primary metals	331	89	1	28	61
Fabricated metal products	332	238	4	30	204
Machinery	333	879	11	94	773
Computer and electronic products	334	7,794	155	1,785	5,854
Computers and peripheral equipment	3341	1,308	75	D	D
Communications equipment	3342	853	2	D	D
Semiconductor and other electronic components	3344	2,127	48	449	1,630
Navigational, measuring, electromedical, and control instruments	3345	3,253	27	414	2,812
Other computer and electronic products	other 334	252	2	8	241
Electrical equipment, appliances, and components	335	323	3	56	264
Transportation equipment	336	4,666	72	297	4,297
Motor vehicles, trailers, and parts	3361-63	4,314	D	290	D
Aerospace products and parts	3364	280	D	D	D
Other transportation equipment	other 336	71	D	D	D
Miscellaneous manufacturing	339	595	25	152	419
Medical equipment and supplies	3391	540	25	137	378
Other miscellaneous manufacturing	other 339	55	*	15	40
Other manufacturing	313-16, 321, 337	67	D	D	D
Nonmanufacturing	21-23, 42, 44-81	4,809	77	572	4,161
Mining, extraction, and support activities	21	315	1	D	D
Wholesale trade	42	256	5	43	207
Information	51	940	1	60	879
Publishing	511	918	D	D	872
Newspaper, periodical, book, and database	5111	D	D	D	D
Software	5112	D	D	39	D
Telecommunications	517	5	D	D	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	5	D	D	D
Satellite telecommunications	5174	0	0	0	0
Other telecommunications	other 517	0	0	0	0
Internet service providers, web search portals, and data processing services	518	D	0	D	D
Internet service providers and web search portals	5181	D	0	D	D
Data processing, hosting, and related services	5182	0	0	0	0
Other information	other 51	D	D	D	D
Finance, insurance, and real estate	52, 53	D	0	0	D
Professional, scientific, and technical services	54	2,289	61	324	1,904
Architectural, engineering, and related services	5413	D	D	D	D
Computer systems design and related services	5415	1,090	D	D	1,007

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Scientific R&D services	5417	777	29	220	528
Other professional, scientific, and technical services	other 54	D	D	7	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	387	9	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.

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.