

TABLE 67. R&D performance by matched U.S. parent companies, by industry and source of funds: SIRD 2006

(Millions of U.S. dollars)

Industry	NAICS codes	All R&D performance	Source of funds	
			Company ^a	Federal government
All industries	21-23, 31-33, 42, 44-81	177,905	157,748	20,157
Manufacturing	31-33	138,145	121,040	17,105
Food	311	2,191	2,188	3
Beverage and tobacco products	312	116	116	0
Paper, printing, and support activities	322, 323	3,373	3,360	12
Petroleum and coal products	324	1,385	D	D
Chemicals	325	36,645	36,571	73
Basic chemicals	3251	1,474	1,442	32
Resin, synthetic rubber, fibers, and filament	3252	1,898	1,887	11
Pharmaceuticals and medicines	3254	30,686	30,665	21
Other chemicals	other 325	2,587	2,577	9
Plastics and rubber products	326	1,328	D	D
Nonmetallic mineral products	327	786	784	3
Primary metals	331	398	D	D
Fabricated metal products	332	556	512	44
Machinery	333	7,676	7,621	55
Computer and electronic products	334	45,650	38,584	7,067
Computers and peripheral equipment	3341	6,007	6,006	1
Communications equipment	3342	8,694	D	D
Semiconductor and other electronic components	3344	15,574	D	D
Navigational, measuring, electromedical, and control instruments	3345	14,712	7,928	6,783
Other computer and electronic products	other 334	664	D	D
Electrical equipment, appliances, and components	335	1,265	1,263	2
Transportation equipment	336	33,013	23,192	9,821
Motor vehicles, trailers, and parts	3361-63	13,949	13,862	87
Aerospace products and parts	3364	14,990	D	D
Other transportation equipment	other 336	4,074	D	D
Miscellaneous manufacturing	339	2,951	2,947	4
Medical equipment and supplies	3391	2,358	D	D
Other miscellaneous manufacturing	other 339	592	D	D
Other manufacturing	313-16, 321, 337	812	D	D
Nonmanufacturing	21-23, 42, 44-81	39,759	36,708	3,052
Mining, extraction, and support activities	21	732	D	D
Wholesale trade	42	359	D	D
Information	51	21,004	D	D
Publishing	511	16,223	16,221	2
Newspaper, periodical, book, and database	5111	763	763	0
Software	5112	15,460	15,458	2
Telecommunications	517	1,648	D	D
Wired and wireless (except satellite)				
telecommunications carriers	5171, 5172	1,350	D	D
Satellite telecommunications	5174	0	0	0
Other telecommunications	other 517	298	298	0
Internet service providers, web search portals, and data processing services	518	2,980	D	D
Internet service providers and web search portals	5181	D	D	0
Data processing, hosting, and related services	5182	D	D	D
Other information	other 51	154	154	0
Finance, insurance, and real estate	52, 53	693	693	0
Professional, scientific, and technical services	54	13,653	10,701	2,952
Architectural, engineering, and related services	5413	2,410	D	D
Computer systems design and related services	5415	7,203	D	D
Scientific R&D services	5417	3,916	D	D

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Other professional, scientific, and technical services	other 54	124	124	0
Health care services	621-23	9	D	D
Other nonmanufacturing	22, 23, 44, 45, 48, 49, 55, 56, 61, 624, 71, 72, 81	3,311	3,304	7

D = suppressed to avoid disclosure of confidential information.

BEA = Bureau of Economic Analysis; NAICS = North American Industry Classification System; SIRD = Survey of Industrial Research and Development; USDIA = U.S. Direct Investment Abroad.

^a Includes company and other nonfederal sources.

NOTES: Data from SIRD (cosponsored by National Science Foundation and U.S. Census Bureau) matched to data from USDIA 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.