

TABLE 92. R&D performance by matched U.S. parent companies, by industry and source of funds: SIRD 2007

(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	192,410	168,557	23,853
Manufacturing	31-33	147,054	126,912	20,142
Food	311	2,241	2,239	2
Beverage and tobacco products	312	130	130	0
Paper, printing, and support activities	322, 323	3,610	D	D
Petroleum and coal products	324	1,622	1,620	1
Chemicals	325	38,998	38,927	71
Basic chemicals	3251	2,624	2,598	25
Resin, synthetic rubber, fibers, and filament	3252	849	838	12
Pharmaceuticals and medicines	3254	32,763	32,741	22
Other chemicals	other 325	2,762	2,750	12
Plastics and rubber products	326	1,250	1,242	8
Nonmetallic mineral products	327	878	876	2
Primary metals	331	575	565	10
Fabricated metal products	332	620	D	D
Machinery	333	7,923	7,878	46
Computer and electronic products	334	48,903	40,084	8,819
Computers and peripheral equipment	3341	5,101	D	D
Communications equipment	3342	8,811	D	D
Semiconductor and other electronic components	3344	15,747	D	D
Navigational, measuring, electromedical, and control instruments	3345	18,600	10,050	8,550
Other computer and electronic products	other 334	645	645	0
Electrical equipment, appliances, and components	335	1,377	1,365	12
Transportation equipment	336	34,334	23,221	11,113
Motor vehicles, trailers, and parts	3361-63	13,259	D	D
Aerospace products and parts	3364	16,399	8,789	7,610
Other transportation equipment	other 336	4,677	D	D
Miscellaneous manufacturing	339	3,615	3,615	*
Medical equipment and supplies	3391	3,008	3,008	*
Other miscellaneous manufacturing	other 339	607	607	0
Other manufacturing	313-16, 321, 337	976	975	*
Nonmanufacturing	21-23, 42, 44-81	45,356	41,645	3,711
Mining, extraction, and support activities	21	914	D	D
Wholesale trade	42	435	435	0
Information	51	23,527	D	D
Publishing	511	17,260	17,258	3
Newspaper, periodical, book, and database	5111	652	652	0
Software	5112	16,608	16,606	3
Telecommunications	517	D	2,593	D
Wired and wireless (except satellite)				
telecommunications carriers	5171, 5172	2,070	D	D
Satellite telecommunications	5174	0	0	0
Other telecommunications	other 517	D	D	0
Internet service providers, web				
search portals, and data processing services	518	3,438	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	D	D	0
Finance, insurance, and real estate	52, 53	943	943	0
Professional, scientific, and technical services	54	17,145	13,676	3,468
Architectural, engineering, and related services	5413	2,447	D	D
Computer systems design and related services	5415	9,541	D	D
Scientific R&D services	5417	4,955	D	D

TABLE 92. R&D performance by matched U.S. parent companies, by industry and source of funds: SIRD 2007

(Millions of U.S. dollars)

Industry	NAICS codes	All R&D performance	Source of funds	
			Company ^a	Federal government
Other professional, scientific, and technical services	other 54	202	202	0
Health care services	621-23	8	7	*
Other nonmanufacturing	22, 23, 44, 45, 48, 49, 55, 56, 61, 624, 71, 72, 81	2,385	D	D

* = amount < \$500,000; 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.