

TABLE 12. Worldwide, domestic, and foreign sales for companies located in the United States that performed or funded R&D, by industry and company size: 2013

(Millions of U.S. dollars)

Industry and company size	NAICS code	Sales		
		Worldwide	Domestic	Foreign
All industries	21–23, 31–33, 42–81	13,319,076	9,654,952	3,664,125
Manufacturing industries	31–33	8,346,109	5,902,677	2,443,432
Food	311	995,339	726,220	269,120
Beverage and tobacco products	312	328,694	144,311	184,383
Textile, apparel, and leather products	313–16	64,921	53,968	10,953
Wood products	321	35,636	31,215	4,421
Paper	322	119,531	89,445	30,086
Printing and related support activities	323	25,813	23,847	1,966
Petroleum and coal products	324	432,908	336,727	96,181
Chemicals	325	1,861,340	1,361,379	499,962
Basic chemicals	3251	564,113	475,040	89,074
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	204,156	152,626	51,530
Pesticide, fertilizer, and other agricultural chemicals	3253	64,177	48,243	15,934 i
Pharmaceuticals and medicines	3254	720,695	511,393	209,302
Soap, cleaning compound, and toilet preparation	3256	208,989	101,808	107,180
Paint, coating, adhesive, and other chemicals	3255, 3259	99,210	72,269	26,941
Plastics and rubber products	326	254,970	166,421	88,549
Nonmetallic mineral products	327	73,835	56,391	17,444
Primary metals	331	162,182	136,226	25,956
Fabricated metal products	332	162,824	139,953	22,871
Machinery	333	555,237	370,969	184,268
Agricultural implement	33311	84,468	57,778	26,690
Semiconductor machinery	333295	24,771	11,240	13,531
Engine, turbine, and power transmission equipment	3336	67,992	49,460	18,532
Other machinery	other 333	378,006	252,491	125,515
Computer and electronic products	334	1,069,841	634,383	435,458
Communications equipment	3342	320,049	173,235	146,814
Semiconductor and other electronic components	3344	342,067	166,587	175,480
Navigational, measuring, electromedical, and control instruments	3345	257,219	174,885	82,333
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	32,986	27,849	5,137
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	115,940	86,433	29,506
Other measuring and controlling device	other 3345	108,293	60,604	47,690
Other computer and electronic products	other 334	150,506	119,676	30,830
Electrical equipment, appliances, and components	335	216,393	142,537	73,856
Transportation equipment	336	1,481,442	1,113,141	368,301
Automobiles, bodies, trailers, and parts	3361, 3362, 3363	967,752	694,029	273,722
Aerospace products and parts	3364	438,502	355,687	82,815
Aircraft, aircraft engine, and aircraft parts	336411–13	D	339,208	D
Guided missile, space vehicle, and related parts	336414–15, 336419	D	16,479	D
Military armored vehicle, tank, and tank components	336992	329 i	329 i	0
Other transportation	other 336	74,859	63,096	11,764
Furniture and related products	337	39,552	33,940	5,612
Miscellaneous manufacturing	339	465,650	341,605	124,044
Medical equipment and supplies	3391	321,108	246,484	74,625
Other miscellaneous manufacturing	3399	144,541	95,122	49,420
Nonmanufacturing industries	21–23, 42–81	4,972,968	3,752,275	1,220,693
Mining, extraction, and support activities	21	966,750	467,247	499,503
Utilities	22	316,590	311,075	5,515
Wholesale trade	42	303,454 i	288,199 i	15,255 i
Electronic shopping and electronic auctions	454111–12	106,507	64,865	41,642
Transportation and warehousing	48–49	145,540	113,897	31,643
Information	51	1,400,995	1,048,039	352,956
Publishing	511	681,729	417,455	264,274
Newspaper, periodical, book, and directory publishers	5111	29,213 i	23,099 i	6,115 i
Software publishers	5112	652,516	394,356	258,159
Telecommunications	517	418,781	417,146	1,635

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		Worldwide	Domestic	Foreign
Data processing, hosting, and related services	518	101,116	79,378	21,738
Other information	other 51	199,370	134,060	65,310
Finance and insurance	52	723,140	646,362	76,778
Real estate and rental and leasing	53	10,840	10,161	679
Lessors of nonfinancial intangible assets (except copyrighted works)	533	D	375	D
Other real estate and rental and leasing	other 53	D	9,786	D
Professional, scientific, and technical services	54	492,896	371,322	121,574
Architectural, engineering, and related services	5413	159,592	91,748	67,844
Computer systems design and related services	5415	138,840	110,779	28,061 i
Scientific research and development services	5417	79,536	70,480	9,056
Biotechnology research and development	541711	25,137	23,303	1,834
Physical, engineering, and life sciences (except biotechnology) research and development	541712	53,098	45,880	7,217
Social sciences and humanities research and development	541720	1,301	1,297	4
Other professional, scientific, and technical services	other 54	114,928	98,314	16,614
Health care services	621-23	51,317	50,959	359
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	454,938	380,150	74,788
All companies (number of domestic employees)	-	13,319,076	9,654,952	3,664,125
Small companies ^a				
5-499	-	1,400,366	1,232,792	167,574
5-99	-	563,523	545,480	18,044
5-49	-	305,241	295,604	9,637
5-9	-	50,223	49,814	409
10-24	-	115,653	109,764	5,888
25-49	-	139,365	136,026	3,339
50-99	-	258,283	249,876	8,407
100-249	-	462,197	351,550	110,647
250-499	-	374,646	335,762	38,883
Medium and large companies				
500-999	-	409,847	357,480	52,367
1,000-4,999	-	1,612,672	1,164,681	447,991
5,000-9,999	-	1,287,757	888,101	399,657
10,000-24,999	-	2,571,874	1,893,277	678,597
25,000 or more	-	6,036,560	4,118,621	1,917,939

D = data withheld to avoid disclosing operations of individual companies; i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2007 North American Industry Classification System.

^a Upper bound based on U.S. Small Business Administration's definition of a small business; Business R&D and Innovation Survey does not include companies with fewer than five domestic employees.

NOTES: Domestic sales are the amount of sales that originated from domestic operations. Foreign sales are the amount of sales that originated from foreign operations. Detail may not add to total because of rounding. Industry classification based on dominant business code for domestic R&D performance where available. For companies that did not report business codes, classification used for sampling was assigned. Statistics are representative of companies located in the United States that performed or funded R&D.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2013.