

TABLE 2. Worldwide, domestic, and foreign sales for companies located in the United States that performed or funded R&D, by industry and company size: 2011  
(Millions of U.S. dollars)

Industry and company size	NAICS code	Sales		
		Worldwide	Domestic	Foreign
All industries	21–23, 31–33, 42–81	12,900,545	9,107,507	3,793,038
Manufacturing industries	31–33	7,930,166	5,135,539	2,794,626
Food	311	817,312	574,343	242,969
Beverage and tobacco products	312	314,808	133,065	181,743
Textile, apparel, and leather products	313–316	61,694	54,305	7,389
Wood products	321	D	27,510	D
Paper	322	147,333	101,969	45,365
Printing and related support activities	323	29,004	24,395	4,608
Petroleum and coal products	324	D	171,881	D
Chemicals	325	1,777,652	1,157,864	619,788
Basic chemicals	3251	650,113	438,884	211,229
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	202,420	147,690	54,730
Pesticide, fertilizer, and other agricultural chemical	3253	33,509	25,865	7,645
Pharmaceuticals and medicines	3254	599,139	388,664	210,475
Soap, cleaning compound, and toilet preparation	3256	199,350	89,162	110,188
Paint, coating, adhesive, and other chemicals	3255, 3259	93,121	67,599	25,522
Plastics and rubber products	326	203,963	166,394	37,569
Nonmetallic mineral products	327	67,269	51,459	15,810
Primary metals	331	187,688	155,008	32,680
Fabricated metal products	332	148,408	118,576	29,833
Machinery	333	644,642	392,078	252,564
Agricultural implement	33311	52,383	35,557	16,826
Semiconductor machinery	333295	26,425	15,399	11,026
Engine, turbine, and power transmission equipment	3336	201,270	118,651	82,620
Other machinery	other 333	364,563	222,471	142,092
Computer and electronic products	334	1,138,053	633,006	505,046
Communications equipment	3342	155,987	109,315	46,672
Semiconductor and other electronic components	3344	299,377	145,869	153,508
Navigational, measuring, electromedical, and control instruments	3345	279,167	191,540	87,627
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	58,549	44,924	13,625
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	112,897	86,569	26,328
Other measuring and controlling device	other 3345	107,720	60,046	47,674
Other computer and electronic products	other 334	403,523	186,283	217,239
Electrical equipment, appliances, and components	335	181,787	107,583	74,204
Transportation equipment	336	1,183,305	850,469	332,836
Motor vehicles, bodies, trailers, and parts	3361, 3362, 3363	839,868	562,786	277,082
Aerospace products and parts	3364	269,764	231,137	38,627
Aircraft, aircraft engine, and aircraft parts	336411–13	D	213,879	D
Guided missile, space vehicle, and related parts	336414–15, 336419	D	17,258	D
Military armored vehicle, tank, and tank component	336992	1,466	1,466	0
Other transportation equipment	other 336	72,207	55,079	17,127
Furniture and related products	337	39,972	33,369	6,602
Miscellaneous manufacturing	339	D	382,263	D
Medical equipment and supplies	3391	343,297	299,860	43,437
Other miscellaneous manufacturing	3399	D	82,404	D
Nonmanufacturing industries	21–23, 42–81	4,970,379	3,971,968	998,412
Mining, extraction, and support activities	21	901,977	563,681	338,296
Utilities	22	350,792	345,080	5,713
Wholesale trade	42	237,106	176,985	60,122
Electronic shopping and electronic auctions	454111–12	D	40,728	D
Transportation and warehousing	48–49	151,604	119,929	31,675
Information	51	1,151,044	916,379	234,665
Publishing	511	483,539	309,710	173,829
Newspaper, periodical, book, and directory publishers	5111	23,499	16,303	7,197
Software publishers	5112	460,040	293,407	166,632

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		Worldwide	Domestic	Foreign
Telecommunications	517	469,021	460,575	8,446
Data processing, hosting, and related services	518	44,157	38,954	5,203
Other information	other 51	154,327	107,140	47,187
Finance and insurance	52	1,018,252	942,891	75,360
Real estate and rental and leasing	53	10,354	8,774	1,580
Lessors of nonfinancial intangible assets (except copyrighted works)	533	3,485	2,557	928
Other real estate and rental and leasing	other 53	6,869	6,216	652
Professional, scientific, and technical services	54	610,237	443,343	166,895 i
Architectural, engineering, and related services	5413	150,313	93,960	56,353
Computer systems design and related services	5415	253,696 i	169,229 i	84,467 i
Scientific research and development services	5417	69,796	62,620	7,176
Biotechnology research and development	541711	14,721	14,239	482
Physical, engineering, and life sciences (except biotechnology) research and development	541712	54,062	47,371	6,692
Social sciences and humanities research and development	541720	1,013	1,010	3
Other professional, scientific, and technical services	other 54	136,432	117,534	18,899
Health care services	621-23	51,533	50,728	805
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	D	363,449	D
All companies (number of domestic employees)	-	12,900,545	9,107,507	3,793,038
Small companies <sup>a</sup>				
5-499	-	1,384,778	1,141,706	243,072
5-99	-	473,322	453,940	19,382
5-49	-	293,351	284,690	8,661
5-9	-	36,341	36,228	114
10-24	-	105,712	103,133	2,579
25-49	-	151,297	145,329	5,969 i
50-99	-	179,971	169,250	10,721
100-249	-	433,441	297,813	135,628
250-499	-	478,015	389,954	88,061
Medium and large companies				
500-999	-	444,552	384,006	60,546
1,000-4,999	-	1,632,224	1,188,739	443,486
5,000-9,999	-	1,406,201	1,032,304	373,897
10,000-24,999	-	2,650,868	1,934,059	716,809
25,000 or more	-	5,381,921	3,426,693	1,955,228

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

NAICS = 2007 North American Industry Classification System.

<sup>a</sup> 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, 2011.