

TABLE 8. Worldwide, domestic, and foreign sales for companies located in the United States that performed or funded R&D, by industry and company size: 2014
(Millions of U.S. dollars)

Industry and company size	NAICS code	Sales					
		R&D performers or funders ^a			Domestic R&D performers ^b		
		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
All industries	21–23, 31–33, 42–81	13,367,485	9,754,470	3,613,015	13,062,476	9,507,759	3,554,717
Manufacturing industries	31–33	8,232,757	5,743,154	2,489,603	8,137,759	5,685,599	2,452,160
Food	311	886,317	640,233	246,084	886,317	640,233	246,084
Beverages and tobacco products	312	D	142,384	D	213,860	142,384	71,476
Textiles, apparel, and leather products	313–16	70,389	55,591	14,797	70,389	55,591	14,797
Wood products	321	53,914 i	48,116 i	5,798 i	53,914 i	48,116 i	5,798 i
Paper	322	105,853	77,024	28,830	105,853	77,024	28,830
Printing and related support activities	323	29,193	25,979	3,215	29,193	25,979	3,215
Petroleum and coal products	324	273,618	215,017	58,601	273,618	215,017	58,601
Chemicals	325	1,853,188	1,355,762	497,426	1,850,037	1,352,615	497,422
Basic chemicals	3251	597,379	509,495	87,883	596,932	509,048	87,883
Resins, synthetic rubber, and artificial synthetic fibers and filaments	3252	225,383	166,641	58,742	225,383	166,641	58,742
Pesticides, fertilizers, and other agricultural chemicals	3253	58,443	51,272	7,170	58,443	51,272	7,170
Pharmaceuticals and medicines	3254	619,070	423,380	195,690	616,453	420,763	195,690
Soaps, cleaning compounds, and toilet preparations	3256	257,289	146,635	110,654	257,202	146,552	110,650
Paints, coatings, adhesives, and other chemicals	3255, 3259	95,624	58,338	37,286	95,624	58,338	37,286
Plastics and rubber products	326	250,319	162,835	87,484	250,319	162,835	87,484
Nonmetallic mineral products	327	62,212	43,769	18,443	57,942	42,027	15,915
Primary metals	331	130,706	101,633	29,073	130,706	101,633	29,073
Fabricated metal products	332	202,066	150,964	51,102	202,066	150,964	51,102
Machinery	333	D	D	D	520,551	335,978	184,573
Agricultural implements	33311	77,962	47,264	30,698	77,962	47,264	30,698
Semiconductor machinery	333295	26,529	10,999	15,530	26,529	10,999	15,530
Engines, turbines, and power transmission equipment	3336	D	D	D	86,186	50,822	35,364
Other machinery	other 333	329,874	226,893	102,982	329,874	226,893	102,982
Computer and electronic products	334	1,275,370	727,065	548,305	1,273,605	726,384	547,221
Communications equipment	3342	345,854	181,973	163,881	345,813	181,968	163,845
Semiconductors and other electronic components	3344	384,017	208,945	175,072	382,293	208,269	174,024
Navigational, measuring, electromedical, and control instruments	3345	276,731	180,473	96,258	276,731	180,473	96,258
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	56,667	40,364	16,303	56,667	40,364	16,303
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	105,032	76,756	28,276	105,032	76,756	28,276
Other measuring and controlling devices	other 3345	115,033	63,353	51,679	115,033	63,353	51,679
Other computer and electronic products	other 334	268,768	155,674	113,094	268,768	155,674	113,094
Electrical equipment, appliances, and components	335	243,448	155,531	87,917	243,304	155,399	87,905
Transportation equipment	336	1,546,570	1,143,014	403,556	1,492,831	1,091,348	401,483
Automobiles, bodies, trailers, and parts	3361–63	1,013,627	711,564	302,063	963,070	661,050	302,019

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		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
Aerospace products and parts	3364	459,401	371,259	88,142	459,401	371,259	88,142
Aircraft, aircraft engines, and aircraft parts	336411-13	436,775	352,434	84,341	436,775	352,434	84,341
Guided missiles, space vehicles, and related parts	336414-15, 336419	22,626	18,824	3,802	22,626	18,824	3,802
Military armored vehicles, tanks, and tank components	336992	D	721	D	D	721	D
Other transportation	other 336	D	59,471	D	D	58,318	D
Furniture and related products	337	D	D	D	41,591	36,718	4,873
Miscellaneous manufacturing	339	441,661	325,353	116,308	441,661	325,353	116,308
Medical equipment and supplies	3391	305,436	236,055	69,382	305,436	236,055	69,382
Other miscellaneous manufacturing	3399	136,224	89,298	46,926	136,224	89,298	46,926
Nonmanufacturing industries	21-23, 42-81	5,134,728	4,011,316	1,123,412	4,924,717	3,822,160	1,102,557
Mining, extraction, and support activities	21	D	465,765	D	863,833	427,181	436,651
Utilities	22	324,886	319,569	5,317	211,012	207,469	3,543
Wholesale trade	42	211,343	187,921	23,422	201,247	178,415	22,832
Electronic shopping and electronic auctions	454111-12	D	63,087 i	D	D	63,087 i	D
Transportation and warehousing	48-49	187,109	153,648	33,461	183,581	151,794	31,787
Information	51	1,403,562	1,103,940	299,623	1,390,621	1,093,842	296,779
Publishing	511	586,558	D	D	585,232	375,565	209,667
Newspaper, periodical, book, and directory publishers	5111	6,902	5,083	1,819 i	6,902	5,083	1,819 i
Software publishers	5112	579,656	D	D	578,330	370,482	207,848
Telecommunications	517	508,720	505,429	3,291	508,720	505,429	3,291
Data processing, hosting, and related services	518	D	100,313	D	122,736	100,259	22,477
Other information	other 51	D	D	D	173,932	112,589	61,344
Finance and insurance	52	685,465	609,972	75,492	684,640	609,147	75,492
Real estate and rental and leasing	53	2,568	2,517	51	2,568	2,517	51
Lessors of nonfinancial intangible assets (except copyrighted works)	533	321	317	4	321	317	4
Other real estate and rental and leasing	other 53	2,247	2,200	47	2,247	2,200	47
Professional, scientific, and technical services	54	570,271	435,030	135,241	561,078	431,146	129,932
Architectural, engineering, and related services	5413	173,779	105,834	67,946	173,779	105,834	67,946
Computer systems design and related services	5415	146,239	120,189	26,051	142,109	117,101	25,008
Scientific R&D services	5417	65,467	56,382	9,085	65,280	56,195	9,085
Biotechnology R&D	541711	18,175	16,133	2,042	18,175	16,133	2,042
Physical, engineering, and life sciences (except biotechnology) R&D	541712	46,321	39,292	7,029	46,139	39,110	7,029
Social sciences and humanities R&D	541720	971	957	13 i	966	952	13 i
Other professional, scientific, and technical services	other 54	184,786	152,626	32,160	179,909	152,016	27,893
Health care services	621-23	54,640	54,338	301	54,431	54,129	301
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	D	615,529	D	D	603,432	D

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		Worldwide	Domestic	Foreign	Worldwide	Domestic	Foreign
All companies (number of domestic employees)	-	13,367,485	9,754,470	3,613,015	13,062,476	9,507,759	3,554,717
Small companies ^c							
5-499	-	1,238,401	1,097,545	140,856	1,185,742	1,082,588	103,154
5-99	-	D	445,616	D	462,031	440,096	21,935
5-49	-	270,547	256,194	14,353	263,615	253,938	9,677
5-9	-	39,561	32,734	6,827	34,155	31,595	2,560
10-24	-	83,584	81,680	1,904	83,412	81,627	1,785
25-49	-	147,402	141,781	5,621	146,047	140,716	5,332
50-99	-	D	189,422	D	198,416	186,158	12,258
100-249	-	D	362,909	D	385,777	362,528	23,249
250-499	-	347,137	289,020	58,117	337,934	279,964	57,970
Medium and large companies							
500-999	-	D	378,580	D	456,993	376,058	80,935
1,000-4,999	-	1,745,237	1,274,714	470,523	1,699,057	1,235,840	463,217
5,000-9,999	-	1,282,194	895,882	386,313	1,241,100	863,259	377,841
10,000-24,999	-	D	2,047,688	D	2,587,957	1,929,255	658,702
25,000 or more	-	5,932,896	4,060,062	1,872,834	5,891,627	4,020,758	1,870,869

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 = 2012 North American Industry Classification System.

^a Statistics are representative of companies located in the United States that performed or funded R&D and are comparable to previously published sales statistics from the Business R&D and Innovation Survey.

^b Statistics are representative of companies located in the United States that performed R&D.

^c Upper bound is based on the U.S. Small Business Administration's definition of a small business; the 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 is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2014.