

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: 2020

(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	14,863,520	11,296,552	3,566,968	14,321,852	10,852,576	3,469,276
Manufacturing industries	31–33	8,077,938	5,694,734	2,383,204	7,991,699	5,655,706	2,335,993
Food	311	820,572	596,972	223,601	817,151	593,683	223,468
Beverage and tobacco products	312	241,169	148,089	93,080	209,056	148,089	60,967
Textile, apparel, and leather products	313–16	87,886	62,897	24,989	87,886	62,897	24,989
Wood products	321	47,527	46,071	1,456	47,067	45,611	1,456
Paper	322	109,375	84,293	25,082	108,155	83,887	24,268
Printing and related support activities	323	33,713	30,368	3,345	33,447	30,132	3,315
Petroleum and coal products	324	375,112	221,590	153,522	375,112	221,590	153,522
Chemicals	325	1,584,353	1,117,545	466,808	1,575,191	1,109,086	466,105
Basic chemicals	3251	335,437	246,319	89,118	335,123	246,173	88,951
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	90,181	51,671	38,509	90,181	51,671	38,509
Pesticide, fertilizer, and other agricultural chemicals	3253	94,510	88,921	5,590	94,157	88,691	5,466
Pharmaceuticals and medicines	3254	753,541	551,305	202,235	745,284	543,459	201,824
Soap, cleaning compound, and toilet preparation	3256	204,204	114,601	89,603	204,200	114,597	89,603
Paint, coating, adhesive, and other chemicals	3255, 3259	106,481	64,728	41,752	106,247	64,494	41,752
Plastics and rubber products	326	236,613	185,321	51,293	235,549	184,256	51,293
Nonmetallic mineral products	327	76,769	59,764	17,005	61,345	48,299	13,046
Primary metals	331	91,852	69,597	22,255	90,514	68,259	22,255
Fabricated metal products	332	174,840	136,071	38,769	169,545	133,230	36,315
Machinery	333	581,912	356,214	225,698	578,865	354,371	224,494
Agricultural implement	33311	66,900	41,172	25,728	66,554 - 66,901	40,826 - 41,173	25,728
Semiconductor machinery	333242	49,963	26,822	23,141	49,963	26,822	23,141
Engine, turbine, and power transmission equipment	3336	76,227	43,439	32,789	75,873	43,093 - 43,439	32,433 - 32,781
Other machinery	other 333	388,821	244,781	144,041	386,127 - 386,476	243,282	142,844 - 143,193
Computer and electronic products	334	1,270,897	757,047	513,851	1,264,996	755,088	509,908
Communications equipment	3342	142,942	102,211	40,730	142,507 - 142,942	101,777 - 102,212	40,730
Semiconductor and other electronic components	3344	328,853	206,313	122,541	323,421	204,822	118,598
Navigational, measuring, electromedical, and control instruments	3345	269,296	186,480	82,816	269,260	186,444	82,816
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	33,990	21,029	12,961	33,990	21,029	12,961

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: 2020

(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
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	119,823	86,765	33,059	119,787	86,729	33,059
Other measuring and controlling device	other 3345	115,483	78,686	36,797	115,483	78,686	36,797
Other computer and electronic products	other 334	529,806	262,043	267,763	529,372 - 529,807	261,609 - 262,044	267,763
Electrical equipment, appliances, and components	335	225,479	153,123	72,356	225,396	153,047	72,349
Transportation equipment	336	1,178,769	917,847	260,921	1,172,135	912,883	259,252
Motor vehicles, bodies, trailers, and parts	3361-63	780,577	578,503	202,074	774,549 - 779,439	573,615 - 578,504	200,935
Aerospace products and parts	3364	307,651	268,261	39,390	307,043	268,183	38,860
Aircraft, aircraft engine, and aircraft parts	336411-13	297,117	258,004	39,113	296,509	257,926	38,583
Guided missile, space vehicle, and related parts	336414-15, 336419	10,534	10,257	277	10,534	10,257	277
Military armored vehicle, tank, and tank component	336992	512	512	0	512	512	0
Other transportation	other 336	90,029	70,571	19,457	85,140 - 90,029	65,683 - 70,572	19,457
Furniture and related products	337	53,766	46,981	6,785	53,750	46,965	6,785
Miscellaneous	339	887,334	704,946	182,388	886,537	704,332	182,205
Medical equipment and supplies	3391	713,969	587,891	126,079	713,521	587,625	125,896
Other miscellaneous manufacturing	3399	173,365	117,056	56,310	173,017	116,707	56,310
Nonmanufacturing industries	21-23, 42-81	6,785,582	5,601,818	1,183,764	6,330,153	5,196,870	1,133,283
Mining, quarrying, oil and gas extraction, and support activities	21	176,007	99,154	76,854	174,765	98,556	76,209
Utilities	22	292,898	290,177	2,720	228,126	225,406	2,720
Wholesale trade	42	301,236 i	276,906 i	24,330 i	295,595 i	271,471 i	24,124 i
Electronic shopping and electronic auctions	454111-12	348,748 - 525,501	348,749	0 - 176,752	348,748 - 525,501	348,749	0 - 176,752
Transportation and warehousing	48-49	282,692	211,160	71,532	282,625	211,093	71,532
Information	51	2,167,074	1,653,526	513,548	2,163,690	1,650,317	513,373
Publishing	511	403,802	253,029	150,773	402,612	251,999	150,613
Newspaper, periodical, book, and directory publishers	5111	1,654	1,568	86	1,426	1,352	74 i
Software publishers	5112	402,148	251,461	150,687	401,186	250,646	150,539
Telecommunications	517	507,234	490,319	16,914	505,375 - 507,233	488,462 - 490,320	16,913
Data processing, hosting, and related services	518	670,759	510,302	160,458	670,422	509,978	160,444
Other information	other 51	585,279	399,876	185,403	583,422 - 585,280	398,019 - 399,877	185,403

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: 2020

(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
Finance and insurance	52	1,557,846	1,447,133	110,714	1,361,723	1,257,970	103,752
Real estate and rental and leasing	53	15,598	13,542	2,056	15,589	13,533	2,056
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,552 - 3,609	1,553	0 - 2,057	1,552 - 3,609	1,553	0 - 2,057
Other real estate and rental and leasing	other 53	11,989 - 14,046	11,990	0 - 2,057	11,979 - 14,037	11,980	0 - 2,057
Professional, scientific, and technical services	54	582,276	417,867	164,409	574,406	412,818	161,588
Architectural, engineering, and related services	5413	87,737	71,287	16,450	86,358	69,926	16,432
Computer systems design and related services	5415	254,848	167,910	86,938	249,419	165,225	84,194
Scientific research and development services	5417	88,725	70,334	18,391	88,004	69,633	18,372
Research and development in nanotechnology	541713	403	383	19	383	383	0
Research and development in biotechnology (except nanobiotechnology)	541714	24,723	20,159	4,564	24,542	19,978	4,564
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	62,589	48,794	13,795	62,069	48,274	13,795
Research and development in the social sciences and humanities	541720	1,010	997	13	1,010	997	13
Other professional, scientific, and technical services	other 54	150,966	108,336	42,630	150,625	108,034	42,590
Health care services	621-23	144,193	143,012	1,181	144,109	142,929	1,181
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	740,259 - 917,017	700,592	39,667 - 216,425	564,028 - 740,781	564,029	0 - 176,752
All companies (number of domestic employees)	-	14,863,520	11,296,552	3,566,968	14,321,852	10,852,576	3,469,276
Small companies							
10-19 ^c	-	24,108	23,576	532	23,049	22,711	338
20-49	-	107,489	101,277	6,212	100,582	97,113	3,469
Medium companies							
50-99	-	134,720	128,409	6,311	129,921	125,112	4,810
100-249	-	472,351	406,650	65,702	433,970	401,297	32,672
Large companies							
250-499	-	352,934	299,155	53,779	337,017	286,184	50,833
500-999	-	485,285	411,894	73,390	481,537	408,287	73,250
1,000-4,999	-	1,980,088	1,517,137	462,951	1,953,278	1,497,511	455,767
5,000-9,999	-	1,533,778	1,177,564	356,214	1,491,784	1,139,819	351,965
10,000-24,999	-	2,959,589	2,071,049	888,539	2,945,920	2,057,380	888,539
25,000 or more	-	6,813,179	5,159,841	1,653,338	6,424,794	4,817,162	1,607,633

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse.

NAICS = 2017 North American Industry Classification System.

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

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

^c The Business Enterprise Research and Development Survey does not include companies with fewer than 10 domestic employees.

Note(s):

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. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D and are not comparable with estimates published for years prior to 2018. An estimate range may be displayed in place of a single estimate to avoid disclosing operations of individual companies.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2020.