

TABLE 21

**Product innovating companies, by industry: 2019–21**

(Number and percent)

Industry	NAICS code	Companies (number)	Product innovation			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,874,928	459,474	4,415,454	9.4	90.6
Manufacturing industries	31–33	209,282	25,498	183,784	12.2	87.8
Food	311	19,326	2,387	16,939	12.4	87.6
Beverage and tobacco products	312	9,354	1,782	7,572	19.1	80.9
Textile, apparel, and leather products	313–16	9,443	1,097	8,346	11.6	88.4
Wood products	321	9,546	553	8,993	5.8	94.2
Paper	322	1,500	175	1,325	11.7	88.3
Printing and related support activities	323	20,212	1,943	18,269	9.6	90.4
Petroleum and coal products	324	546	22	524	4.0	96.0
Chemicals	325	7,961	1,669	6,292	21.0	79.0
Pesticide, fertilizer, and other agricultural chemicals	3253	580	75	505	12.9	87.1
Pharmaceuticals and medicines	3254	1,536	348	1,188	22.7	77.3
Soap, cleaning compound, and toilet preparation	3256	1,652	338	1,314	20.5	79.5
Other chemicals	other 325	4,194	907	3,287	21.6	78.4
Plastics and rubber products	326	7,060	776	6,284	11.0	89.0
Nonmetallic mineral products	327	7,290	663	6,627	9.1	90.9
Primary metals	331	2,079	120	1,959	5.8	94.2
Fabricated metal products	332	46,128	3,870	42,258	8.4	91.6
Machinery	333	16,440	2,670	13,770	16.2	83.8
Computer and electronic products	334	8,527	2,121	6,406	24.9	75.1
Communications equipment	3342	850	286	564	33.6	66.4
Semiconductor and other electronic components	3344	2,711	559	2,152	20.6	79.4
Navigational, measuring, electromedical, and control instruments	3345	3,737	889	2,848	23.8	76.2
Other computer and electronic products	other 334	1,230	389	841	31.6	68.4
Electrical equipment, appliances, and components	335	3,925	905	3,020	23.1	76.9
Transportation equipment	336	7,325	1,205	6,120	16.5	83.5
Automobiles, bodies, trailers, and parts	3361–63	4,494	751	3,743	16.7	83.3
Aerospace products and parts	3364	1,044	183	861	17.5	82.5
Other transportation	other 336	1,787	270	1,517	15.1	84.9
Furniture and related products	337	12,060	802	11,258	6.7	93.3
Miscellaneous	339	20,536	2,738	17,798	13.3	86.7
Medical equipment and supplies	3391	7,602	880	6,722	11.6	88.4
Other miscellaneous manufacturing	3399	12,933	1,856	11,077	14.4	85.6
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	433,975	4,231,670	9.3	90.7
Agriculture, forestry, fishing, and hunting	11	19,567	913	18,654	4.7	95.3
Mining, extraction, and support activities	21	14,004	490	13,514	3.5	96.5
Utilities	22	2,994	183	2,811	6.1	93.9
Construction	23	635,568	31,408	604,160	4.9	95.1
Wholesale trade	42	241,440	24,485	216,955	10.1	89.9
Retail trade	44–45	546,067	56,634	489,433	10.4	89.6
Transportation and warehousing	48–49	165,454	10,188	155,266	6.2	93.8
Information	51	65,445	12,343	53,102	18.9	81.1
Publishing	511	17,755	4,711	13,044	26.5	73.5
Newspaper, periodical, book, and directory publishers	5111	9,162	1,101	8,061	12.0	88.0
Software publishers	5112	8,589	3,608	4,981	42.0	58.0
Telecommunications	517	7,319	1,088	6,231	14.9	85.1
Data processing, hosting, and related services	518	8,346	1,909	6,437	22.9	77.1

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Other information	other 51	32,027	4,637	27,390	14.5	85.5
Finance and insurance	52	198,128	18,222	179,906	9.2	90.8
Real estate and rental and leasing	53	283,276	15,239	268,037	5.4	94.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,956	188 r	1,768	9.6 r	90.4
Other real estate and rental and leasing	other 53	281,321	15,051	266,270	5.4	94.6
Professional, scientific, and technical services	54	717,229	81,784	635,445	11.4	88.6
Legal services	5411	152,543	6,350	146,193	4.2	95.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	7,723	101,352	7.1	92.9
Architectural, engineering, and related services	5413	87,994	8,796	79,198	10.0	90.0
Specialized design services	5414	29,258	4,255	25,003	14.5	85.5
Computer systems design and related services	5415	100,282	18,687	81,595	18.6	81.4
Management, scientific, and technical consulting services	5416	144,421	22,712	121,709	15.7	84.3
Scientific research and development services	5417	11,149	2,146	9,003	19.2	80.8
Advertising, public relations, and related services	5418	28,236	4,119	24,117	14.6	85.4
Other professional, scientific, and technical services	5419	54,270	6,997	47,273	12.9	87.1
Management of companies and enterprises	55	3,153	96 r	3,057	3.0 r	97.0
Administrative and support and waste management and remediation services	56	293,539	23,903	269,636	8.1	91.9
Educational services	61	57,078	13,512	43,566	23.7	76.3
Health care and social assistance	62	536,276	61,758	474,518	11.5	88.5
Health care services	621–23	469,939	54,003	415,936	11.5	88.5
Social assistance	624	66,336	7,753	58,583	11.7	88.3
Arts, entertainment, and recreation	71	89,491	9,343	80,148	10.4	89.6
Accommodation and food services	72	455,071	44,441	410,630	9.8	90.2
Other services	81	341,869	29,031	312,838	8.5	91.5

r = relative standard error &gt; 50%.

NAICS = 2017 North American Industry Classification System.

**Note(s):**

Detail across rows may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. Detail across columns have been adjusted to add to total. Industry classification is based on dominant establishment payroll. Statistics are representative of companies located in the United States.

**Source(s):**

National Center for Science and Engineering Statistics and Census Bureau, 2022 Annual Business Survey: Data Year 2021.