

TABLE 19

**Product innovating companies, by industry: 2016–18**

(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	4,805,151	919,293	3,885,858	19.1	80.9
Manufacturing industries	31–33	217,565	46,960	170,605	21.6	78.4
Food	311	18,250	4,123	14,127	22.6	77.4
Beverage and tobacco products	312	7,723	2,303	5,420	29.8	70.2
Textile, apparel, and leather products	313–16	10,554	2,210	8,344	20.9	79.1
Wood products	321	11,012	1,608	9,404	14.6	85.4
Paper	322	2,117	466	1,651	22.0	78.0
Printing and related support activities	323	20,851	4,190	16,661	20.1	79.9
Petroleum and coal products	324	583	77	506	13.2	86.8
Chemicals	325	7,522	2,010	5,512	26.7	73.3
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	593	141	452	23.8	76.2
Pharmaceuticals and medicines	3254	1,365	478	887	35.0	65.0
Soap, cleaning compound, and toilet preparation manufacturing	3256	1,636	458	1,178	28.0	72.0
Other chemicals	other 325	3,927	933	2,994	23.8	76.2
Plastics and rubber products	326	8,087	2,181	5,906	27.0	73.0
Nonmetallic mineral products	327	7,749	1,394	6,355	18.0	82.0
Primary metals	331	2,537	351	2,186	13.8	86.2
Fabricated metal products	332	48,472	7,348	41,124	15.2	84.8
Machinery	333	18,558	5,008	13,550	27.0	73.0
Computer and electronic products	334	9,036	3,310	5,726	36.6	63.4
Communications equipment	3342	974	421	553	43.2	56.8
Semiconductor and other electronic components	3344	2,796	816	1,980	29.2	70.8
Navigational, measuring, electromedical, and control instruments	3345	3,909	1,582	2,327	40.5	59.5
Other computer and electronic products	other 334	1,359	492	867	36.2	63.8
Electrical equipment, appliances, and components	335	4,000	1,195	2,805	29.9	70.1
Transportation equipment	336	7,175	1,609	5,566	22.4	77.6
Automobiles, bodies, trailers, and parts	3361–63	4,565	1,019	3,546	22.3	77.7
Aerospace products and parts	3364	985	252	733	25.6	74.4
Other transportation	other 336	1,625	337	1,288	20.7	79.3
Furniture and related products	337	12,647	2,120	10,527	16.8	83.2
Miscellaneous	339	20,669	5,451	15,218	26.4	73.6
Medical equipment and supplies	3391	8,060	2,145	5,915	26.6	73.4
Other miscellaneous manufacturing	3399	12,608	3,306	9,302	26.2	73.8
Nonmanufacturing industries	11, 21–23, 42–81	4,587,586	872,334	3,715,252	19.0	81.0
Agriculture, forestry, fishing, and hunting	11	21,606	2,620	18,986	12.1	87.9
Mining, extraction, and support activities	21	14,969	1,615	13,354	10.8	89.2
Utilities	22	2,684	389	2,295	14.5	85.5
Construction	23	613,110	73,745	539,365	12.0	88.0
Wholesale trade	42	257,153	55,446	201,707	21.6	78.4
Retail trade	44–45	560,952	103,248	457,704	18.4	81.6
Transportation and warehousing	48–49	152,463	21,184	131,279	13.9	86.1
Information	51	61,638	17,920	43,718	29.1	70.9
Publishing	511	17,590	5,681	11,909	32.3	67.7
Newspaper, periodical, book, and directory publishers	5111	9,761	2,236	7,525	22.9	77.1
Software publishers	5112	7,828	3,444	4,384	44.0	56.0

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Telecommunications	517	7,164	1,837	5,327	25.6	74.4
Data processing, hosting, and related services	518	8,918	3,133	5,785	35.1	64.9
Other information	other 51	27,965	7,270	20,695	26.0	74.0
Finance and insurance	52	200,857	55,631	145,226	27.7	72.3
Real estate and rental and leasing	53	255,783	43,762	212,021	17.1	82.9
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,812	353	1,459	19.5	80.5
Other real estate and rental and leasing	other 53	253,970	43,410	210,560	17.1	82.9
Professional, scientific, and technical services	54	695,672	172,128	523,544	24.7	75.3
Legal services	5411	152,243	24,608	127,635	16.2	83.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	106,634	22,979	83,655	21.5	78.5
Architectural, engineering, and related services	5413	88,491	21,800	66,691	24.6	75.4
Specialized design services	5414	26,282	5,258	21,024	20.0	80.0
Computer systems design and related services	5415	95,950	34,804	61,146	36.3	63.7
Management, scientific, and technical consulting services	5416	132,989	40,186	92,803	30.2	69.8
Scientific research and development services	5417	9,798	2,915	6,883	29.8	70.2
Advertising, public relations, and related services	5418	27,677	7,376	20,301	26.7	73.3
Other professional, scientific, and technical services	5419	55,569	12,200	43,369	22.0	78.0
Management of companies and enterprises	55	2,409	316	2,093	13.1	86.9
Administrative and support and waste management and remediation services	56	287,807	53,159	234,648	18.5	81.5
Educational services	61	53,912	16,493	37,419	30.6	69.4
Health care and social assistance	62	519,556	106,618	412,938	20.5	79.5
Health care services	621–23	459,855	91,272	368,583	19.8	80.2
Social assistance	624	59,700	15,345	44,355	25.7	74.3
Arts, entertainment, and recreation	71	88,831	19,099	69,732	21.5	78.5
Accommodation and food services	72	453,059	71,355	381,704	15.7	84.3
Other services	81	345,125	57,605	287,520	16.7	83.3

NAICS = 2017 North American Industry Classification System.

**Note(s):**

Detail may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. 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, 2019 Annual Business Survey: Data Year 2018.