

TABLE 34

**Product innovating companies by industry: 2016–2018, 2017–2019, 2018–2020**

(Number and percent)

Industry	NAICS code	2016–2018			2017–2019			2018–2020		
		All companies	Product innovation	No product innovation	All companies	Product innovation	No product innovation	All companies	Product innovation	No product innovation
All industries	11, 21–23, 31–33, 42–81	4,805,151	19.1	80.9	4,857,473	10.9	89.1	4,865,616	9.0	91.0
Manufacturing industries	31–33	217,565	21.6	78.4	217,058	16.3	83.7	213,833	13.2	86.8
Food	311	18,250	22.6	77.4	18,379	13.2	86.8	18,385	11.3	88.7
Beverage and tobacco products	312	7,723	29.8	70.2	8,381	19.1	80.9	9,314	15.8	84.2
Textile, apparel, and leather products	313–16	10,554	20.9	79.1	10,205	15.9	84.1	9,850	11.1	88.9
Wood products	321	11,012	14.6	85.4	10,340	9.3	90.7	10,237	6.1	93.9
Paper	322	2,117	22.0	78.0	1,795	14.1	85.9	1,907	9.8	90.2
Printing and related support activities	323	20,851	20.1	79.9	21,035	15.9	84.1	20,357	9.9	90.1
Petroleum and coal products	324	583	13.2	86.8	693	3.9	96.1	463	11.9	88.1
Chemicals	325	7,522	26.7	73.3	7,759	20.2	79.8	8,095	20.2	79.8
Pesticide, fertilizer, and other agricultural chemicals	3,253	593	23.8	76.2	555	13.0	87.0	514	12.8	87.2
Pharmaceuticals and medicines	3,254	1,365	35.0	65.0	1,467	24.3	75.7	1,417	23.1	76.9
Soap, cleaning compound, and toilet preparation	3,256	1,636	28.0	72.0	1,772	20.5	79.5	1,807	16.3	83.7
Other chemicals	other 325	3,927	23.8	76.2	3,966	19.5	80.5	4,357	21.7	78.3
Plastics and rubber products	326	8,087	27.0	73.0	7,811	16.8	83.2	7,478	13.1	86.9
Nonmetallic mineral products	327	7,749	18.0	82.0	7,758	12.3	87.7	7,300	7.7	92.3
Primary metals	331	2,537	13.8	86.2	2,437	14.0	86.0	2,394	11.7	88.3
Fabricated metal products	332	48,472	15.2	84.8	48,470	12.6	87.4	46,992	9.4	90.6
Machinery	333	18,558	27.0	73.0	18,350	22.8	77.2	18,052	21.3	78.7
Computer and electronic products	334	9,036	36.6	63.4	8,851	33.1	66.9	8,732	27.7	72.3
Communications equipment	3,342	974	43.2	56.8	938	42.0	58.0	836	28.8	71.2
Semiconductor and other electronic components	3,344	2,796	29.2	70.8	2,914	24.8	75.2	2,773	21.9	78.1
Navigational, measuring, electromedical, and control instruments	3,345	3,909	40.5	59.5	3,649	37.5	62.5	3,753	31.8	68.2
Other computer and electronic products	other 334	1,359	36.2	63.8	1,349	32.5	67.5	1,369	27.3	72.7
Electrical equipment, appliances, and components	335	4,000	29.9	70.1	3,874	26.9	73.1	4,064	25.0	75.0
Transportation equipment	336	7,175	22.4	77.6	7,638	19.8	80.2	7,786	17.6	82.4
Automobiles, bodies, trailers, and parts	3361–63	4,565	22.3	77.7	4,728	18.5	81.5	5,054	16.4	83.6
Aerospace products and parts	3,364	985	25.6	74.4	1,099	19.5	80.5	994	15.4	84.6
Other transportation	other 336	1,625	20.7	79.3	1,810	23.1	76.9	1,738	22.0	78.0
Furniture and related products	337	12,647	16.8	83.2	12,927	12.0	88.0	12,594	8.3	91.7
Miscellaneous	339	20,669	26.4	73.6	20,251	17.5	82.5	19,761	15.4	84.6

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Medical equipment and supplies	3,391	8,060	26.6	73.4	8,014	19.2	80.8	7,588	13.9	86.1
Other miscellaneous manufacturing	3,399	12,608	26.2	73.8	12,237	16.3	83.7	12,172	16.3	83.7
Nonmanufacturing industries	11, 21–23, 42–81	4,587,586	19.0	81.0	4,640,414	10.7	89.3	4,651,784	8.8	91.2
Agriculture, forestry, fishing, and hunting	11	21,606	12.1	87.9	22,732	5.8	94.2	21,859	4.7	95.3
Mining, extraction, and support activities	21	14,969	10.8	89.2	15,475	3.4	96.6	15,323	2.6	97.4
Utilities	22	2,684	14.5	85.5	2,615	7.1	92.9	2,729	5.1	94.9
Construction	23	613,110	12.0	88.0	627,340	6.4	93.6	627,170	5.2	94.8
Wholesale trade	42	257,153	21.6	78.4	253,680	16.1	83.9	246,019	12.8	87.2
Retail trade	44–45	560,952	18.4	81.6	554,596	11.7	88.3	548,126	8.7	91.3
Transportation and warehousing	48–49	152,463	13.9	86.1	157,728	7.5	92.5	160,599	6.0	94.0
Information	51	61,638	29.1	70.9	62,834	24.8	75.2	63,631	22.2	77.8
Publishing	511	17,590	32.3	67.7	18,521	31.0	69.0	17,644	28.5	71.5
Newspaper, periodical, book, and directory publishers	5,111	9,761	22.9	77.1	9,824	19.9	80.1	9,186	15.9	84.1
Software publishers	5,112	7,828	44.0	56.0	8,698	43.6	56.4	8,459	42.2	57.8
Telecommunications	517	7,164	25.6	74.4	6,907	22.0	78.0	7,670	23.2	76.8
Data processing, hosting, and related services	518	8,918	35.1	64.9	8,155	31.2	68.8	8,311	31.2	68.8
Other information	other 51	27,965	26.0	74.0	29,253	19.8	80.2	30,006	15.6	84.4
Finance and insurance	52	200,857	27.7	72.3	203,913	10.5	89.5	198,294	9.8	90.2
Real estate and rental and leasing	53	255,783	17.1	82.9	266,098	7.0	93.0	272,733	5.5	94.5
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,812	19.5	80.5	2,106	15.3	84.7	1,581	13.9	86.1
Other real estate and rental and leasing	other 53	253,970	17.1	82.9	263,991	7.0	93.0	271,153	5.4	94.6
Professional, scientific, and technical services	54	695,672	24.7	75.3	704,191	13.3	86.7	709,564	11.8	88.2
Legal services	5,411	152,243	16.2	83.8	151,977	4.6	95.4	153,271	4.2	95.8
Accounting, tax preparation, bookkeeping, and payroll services	5,412	106,634	21.5	78.5	106,233	6.4	93.6	106,909	5.9	94.1
Architectural, engineering, and related services	5,413	88,491	24.6	75.4	87,739	13.2	86.8	88,331	11.9	88.1
Specialized design services	5,414	26,282	20.0	80.0	27,355	15.3	84.7	29,243	14.5	85.5
Computer systems design and related services	5,415	95,950	36.3	63.7	97,862	24.7	75.3	98,634	22.1	77.9
Management, scientific, and technical consulting services	5,416	132,989	30.2	69.8	137,973	16.5	83.5	139,202	14.8	85.2
Scientific research and development services	5,417	9,798	29.8	70.2	10,517	24.9	75.1	10,785	22.2	77.8
Advertising, public relations, and related services	5,418	27,677	26.7	73.3	27,194	15.5	84.5	27,701	14.4	85.6

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Other professional, scientific, and technical services	5,419	55,569	22.0	78.0	57,339	17.7	82.3	55,490	12.9	87.1
Management of companies and enterprises	55	2,409	13.1	86.9	2,391	7.1	92.9	2,331	7.3	r 92.7
Administrative and support and waste management and remediation services	56	287,807	18.5	81.5	285,195	9.3	90.7	291,891	7.4	92.6
Educational services	61	53,912	30.6	69.4	55,306	18.3	81.7	56,639	18.2	81.8
Health care and social assistance	62	519,556	20.5	79.5	526,683	11.4	88.6	531,069	10.8	89.2
Health care services	621–23	459,855	19.8	80.2	462,026	11.1	88.9	466,688	10.7	89.3
Social assistance	624	59,700	25.7	74.3	64,657	13.2	86.8	64,382	11.3	88.7
Arts, entertainment, and recreation	71	88,831	21.5	78.5	90,036	11.1	88.9	90,143	10.5	89.5
Accommodation and food services	72	453,059	15.7	84.3	464,061	8.9	91.1	464,142	7.0	93.0
Other services	81	345,125	16.7	83.3	345,543	11.0	89.0	349,519	7.1	92.9

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, 2021 Annual Business Survey: Data Year 2020.