

Table 1**Companies with product or business process innovation, by industry: 2016–18**

(Number and percent)

Industry	NAICS code	Companies (number)	Product or business process innovation		Product innovation		Business process innovation	
			Percent		Percent		Percent	
			Yes	No	Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,805,151	29.7	70.3	19.1	80.9	19.3	80.7
Manufacturing industries	31–33	217,565	35.5	64.5	21.6	78.4	26.6	73.4
Food	311	18,250	40.0	60.0	22.6	77.4	29.6	70.4
Beverage and tobacco products	312	7,723	45.9	54.1	29.8	70.2	34.0	66.0
Textile, apparel, and leather products	313–16	10,554	33.1	66.9	20.9	79.1	23.2	76.8
Wood products	321	11,012	25.4	74.6	14.6	85.4	19.1	80.9
Paper	322	2,117	37.5	62.5	22.0	78.0	29.8	70.2
Printing and related support activities	323	20,851	32.4	67.6	20.1	79.9	23.1	76.9
Petroleum and coal products	324	583	30.4	69.6	13.2	86.8	28.0	72.0
Chemicals	325	7,522	41.0	59.0	26.7	73.3	32.7	67.3
Pesticide, fertilizer, and other agricultural chemicals	3253	593	39.3	60.7	23.8	76.2	33.7	66.3
Pharmaceuticals and medicines	3254	1,365	52.1	47.9	35.0	65.0	39.3	60.7
Soap, cleaning compound, and toilet preparation	3256	1,636	41.1	58.9	28.0	72.0	32.5	67.5
Other chemicals	other 325	3,927	37.4	62.6	23.8	76.2	30.4	69.6
Plastics and rubber products	326	8,087	42.3	57.7	27.0	73.0	31.6	68.4
Nonmetallic mineral products	327	7,749	30.0	70.0	18.0	82.0	21.1	78.9
Primary metals	331	2,537	34.3	65.7	13.8	86.2	27.6	72.4
Fabricated metal products	332	48,472	31.0	69.0	15.2	84.8	24.3	75.7
Machinery	333	18,558	39.1	60.9	27.0	73.0	31.4	68.6
Computer and electronic products	334	9,036	48.3	51.7	36.6	63.4	32.1	67.9
Communications equipment	3342	974	53.1	46.9	43.2	56.8	38.0	62.0
Semiconductor and other electronic components	3344	2,796	46.0	54.0	29.2	70.8	35.4	64.6
Navigational, measuring, electromedical, and control instruments	3345	3,909	49.9	50.1	40.5	59.5	30.1	69.9
Other computer and electronic products	other 334	1,359	45.1	54.9	36.2	63.8	27.0	73.0
Electrical equipment, appliances, and components	335	4,000	43.6	56.4	29.9	70.1	30.6	69.5
Transportation equipment	336	7,175	34.1	65.9	22.4	77.6	25.0	75.0
Automobiles, bodies, trailers, and parts	3361–63	4,565	33.5	66.5	22.3	77.7	24.2	75.8
Aerospace products and parts	3364	985	37.6	62.4	25.6	74.4	26.8	73.2
Other transportation	other 336	1,625	33.8	66.2	20.7	79.3	26.1	73.9
Furniture and related products	337	12,647	29.6	70.4	16.8	83.2	22.7	77.3
Miscellaneous	339	20,669	39.6	60.4	26.4	73.6	28.2	71.8
Medical equipment and supplies	3391	8,060	39.7	60.3	26.6	73.4	30.4	69.6
Other miscellaneous manufacturing	3399	12,608	39.6	60.4	26.2	73.8	26.9	73.1
Nonmanufacturing industries	11, 21–23, 42–81	4,587,586	29.5	70.5	19.0	81.0	19.0	81.0
Agriculture, forestry, fishing, and hunting	11	21,606	20.9	79.1	12.1	87.9	13.0	87.0
Mining, extraction, and support activities	21	14,969	16.5	83.5	10.8	89.2	8.8	91.2
Utilities	22	2,684	23.4	76.6	14.5	85.5	16.3	83.7
Construction	23	613,110	21.2	78.8	12.0	88.0	13.8	86.2
Wholesale trade	42	257,153	33.7	66.3	21.6	78.4	23.9	76.1
Retail trade	44–45	560,952	30.4	69.6	18.4	81.6	20.6	79.4
Transportation and warehousing	48–49	152,463	27.6	72.4	13.9	86.1	21.2	78.8
Information	51	61,638	39.5	60.5	29.1	70.9	28.4	71.6
Publishing	511	17,590	42.2	57.8	32.3	67.7	32.0	68.0

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Newspaper, periodical, book, and directory publishers	5111	9,761	31.4	68.6	22.9	77.1	22.1	77.9
Software publishers	5112	7,828	55.6	44.4	44.0	56.0	44.4	55.6
Telecommunications	517	7,164	36.5	63.5	25.6	74.4	27.7	72.3
Data processing, hosting, and related services	518	8,918	46.0	54.0	35.1	64.9	36.5	63.5
Other information	other 51	27,965	36.6	63.4	26.0	74.0	23.8	76.2
Finance and insurance	52	200,857	37.0	63.0	27.7	72.3	19.9	80.1
Real estate and rental and leasing	53	255,783	26.1	73.9	17.1	82.9	15.0	85.0
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,812	22.6	77.4	19.5	80.5	14.2	85.8
Other real estate and rental and leasing	other 53	253,970	26.1	73.9	17.1	82.9	15.0	85.0
Professional, scientific, and technical services	54	695,672	34.5	65.5	24.7	75.3	21.6	78.4
Legal services	5411	152,243	24.2	75.8	16.2	83.8	12.2	87.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	106,634	30.9	69.1	21.5	78.5	16.5	83.5
Architectural, engineering, and related services	5413	88,491	33.6	66.4	24.6	75.4	20.1	79.9
Specialized design services	5414	26,282	32.5	67.5	20.0	80.0	22.0	78.0
Computer systems design and related services	5415	95,950	47.2	52.8	36.3	63.7	34.6	65.4
Management, scientific, and technical consulting services	5416	132,989	40.3	59.7	30.2	69.8	26.1	73.9
Scientific research and development services	5417	9,798	40.8	59.2	29.8	70.2	30.4	69.6
Advertising, public relations, and related services	5418	27,677	37.4	62.6	26.7	73.3	25.7	74.3
Other professional, scientific, and technical services	5419	55,569	34.3	65.7	22.0	78.0	22.8	77.2
Management of companies and enterprises	55	2,409	20.8	79.2	13.1	86.9	17.2	82.8
Administrative and support and waste management and remediation services	56	287,807	29.1	70.9	18.5	81.5	18.7	81.3
Educational services	61	53,912	41.3	58.7	30.6	69.4	27.0	73.0
Health care and social assistance	62	519,556	30.5	69.5	20.5	79.5	18.5	81.5
Health care services	621–23	459,855	29.8	70.2	19.8	80.2	18.1	81.9
Social assistance	624	59,700	36.1	63.9	25.7	74.3	22.0	78.0
Arts, entertainment, and recreation	71	88,831	29.7	70.3	21.5	78.5	16.4	83.6
Accommodation and food services	72	453,059	28.1	71.9	15.7	84.3	20.1	79.9
Other services	81	345,125	26.2	73.8	16.7	83.3	16.4	83.6

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding. 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.