

Table 1**Product and business process innovating companies, by industry and company size: 2017–19**

(Number and percent)

Industry and company size	NAICS code	Companies (number)	Product or business process innovation		Product innovation		Business process innovation	
			Percent		Percent		Percent	
			Yes	No	Yes	No	Yes	No
Industry								
All industries	11, 21–23, 31–33, 42–81	4,857,473	25.3	74.7	10.9	89.1	21.7	78.3
Manufacturing industries	31–33	217,058	34.0	66.0	16.3	83.7	29.3	70.7
Food	311	18,379	34.3	65.7	13.2	86.8	29.7	70.3
Beverage and tobacco products	312	8,381	42.3	57.7	19.1	80.9	36.3	63.7
Textile, apparel, and leather products	313–16	10,205	33.2	66.8	15.9	84.1	28.4	71.6
Wood products	321	10,340	25.4	74.6	9.3	90.7	22.5	77.5
Paper	322	1,795	32.1	67.9	14.1	85.9	25.2	74.8
Printing and related support activities	323	21,035	31.3	68.7	15.9	84.1	26.3	73.7
Petroleum and coal products	324	693	8.9	91.1	3.9	96.1	8.8	91.2
Chemicals	325	7,759	41.2	58.8	20.2	79.8	34.8	65.2
Pesticide, fertilizer, and other agricultural chemicals	3253	555	35.7	64.3	13.0	87.0	32.6	67.4
Pharmaceuticals and medicines	3254	1,467	45.7	54.3	24.3	75.7	38.5	61.5
Soap, cleaning compound, and toilet preparation	3256	1,772	43.7	56.3	20.5	79.5	37.5	62.5
Other chemicals	other 325	3,966	39.2	60.8	19.5	80.5	32.5	67.5
Plastics and rubber products	326	7,811	36.3	63.7	16.8	83.2	32.1	67.9
Nonmetallic mineral products	327	7,758	30.3	69.7	12.3	87.7	26.9	73.1
Primary metals	331	2,437	33.3	66.7	14.0	86.0	29.7	70.3
Fabricated metal products	332	48,470	30.7	69.3	12.6	87.4	27.5	72.5
Machinery	333	18,350	41.1	58.9	22.8	77.2	35.5	64.5
Computer and electronic products	334	8,851	51.1	48.9	33.1	66.9	41.7	58.3
Communications equipment	3342	938	56.4	43.6	42.0	58.0	45.7	54.3
Semiconductor and other electronic components	3344	2,914	45.1	54.9	24.8	75.2	40.5	59.5
Navigational, measuring, electromedical, and control instruments	3345	3,649	54.6	45.4	37.5	62.5	40.9	59.1
Other computer and electronic products	other 334	1,349	50.6	49.4	32.5	67.5	43.7	56.3
Electrical equipment, appliances, and components	335	3,874	44.5	55.5	26.9	73.1	35.5	64.5
Transportation equipment	336	7,638	34.9	65.1	19.8	80.2	29.1	70.9
Automobiles, bodies, trailers, and parts	3361–63	4,728	32.6	67.4	18.5	81.5	27.2	72.8
Aerospace products and parts	3364	1,099	43.9	56.1	19.5	80.5	37.4	62.6
Other transportation	other 336	1,810	35.5	64.5	23.1	76.9	29.1	70.9
Furniture and related products	337	12,927	26.6	73.4	12.0	88.0	23.2	76.8
Miscellaneous	339	20,251	32.9	67.1	17.5	82.5	27.5	72.5
Medical equipment and supplies	3391	8,014	34.6	65.4	19.2	80.8	27.3	72.7
Other miscellaneous manufacturing	3399	12,237	31.9	68.1	16.3	83.7	27.6	72.4
Nonmanufacturing industries	11, 21–23, 42–81	4,640,414	24.9	75.1	10.7	89.3	21.3	78.7
Agriculture, forestry, fishing, and hunting	11	22,732	17.4	82.6	5.8	94.2	14.9	85.1
Mining, extraction, and support activities	21	15,475	12.3	87.7	3.4	96.6	11.7	88.3
Utilities	22	2,615	20.8	79.2	7.1	92.9	18.8	81.2
Construction	23	627,340	18.0	82.0	6.4	93.6	15.4	84.6
Wholesale trade	42	253,680	34.4	65.6	16.1	83.9	28.7	71.3
Retail trade	44–45	554,596	27.0	73.0	11.7	88.3	22.7	77.3
Transportation and warehousing	48–49	157,728	26.6	73.4	7.5	92.5	24.7	75.3
Information	51	62,834	38.5	61.5	24.8	75.2	31.8	68.2

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			Yes	No	Yes	No	Yes	No
250–499	na	19,208	35.1	64.9	14.2	85.8	31.6	68.4
500–999	na	8,130	32.5	67.5	14.2	85.8	29.0	71.0
1,000–4,999	na	6,023	37.8	62.2	19.1	r 80.9	33.4	66.6
5,000–9,999	na	775	45.0	55.0	25.3	74.7	39.2	60.8
10,000–24,999	na	496	51.0	49.0	29.2	70.8	46.2	53.8
25,000 or more	na	335	49.9	50.1	32.2	67.8	40.9	59.1

na = not applicable; r = relative standard error > 50%.

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 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, 2020 Annual Business Survey: Data Year 2019.