

TABLE 38

Companies with product or business process innovation, by industry: 2017–19

(Number and percent)

Industry	NAICS code	Companies (number)	Product or business process innovation			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,857,473	1,230,217	3,627,256	25.3	74.7
Manufacturing industries	31–33	217,058	73,787	143,271	34.0	66.0
Food	311	18,379	6,305	12,074	34.3	65.7
Beverage and tobacco products	312	8,381	3,544	4,837	42.3	57.7
Textile, apparel, and leather products	313–16	10,205	3,393	6,812	33.2	66.8
Wood products	321	10,340	2,625	7,715	25.4	74.6
Paper	322	1,795	577	1,218	32.1	67.9
Printing and related support activities	323	21,035	6,592	14,443	31.3	68.7
Petroleum and coal products	324	693	62	631	8.9	91.1
Chemicals	325	7,759	3,197	4,562	41.2	58.8
Pesticide, fertilizer, and other agricultural chemical	3253	555	198	357	35.7	64.3
Pharmaceuticals and medicines	3254	1,467	671	796	45.7	54.3
Soap, cleaning compound, and toilet preparation	3256	1,772	774	998	43.7	56.3
Other chemicals	other 325	3,966	1,553	2,413	39.2	60.8
Plastics and rubber products	326	7,811	2,835	4,976	36.3	63.7
Nonmetallic mineral products	327	7,758	2,354	5,404	30.3	69.7
Primary metals	331	2,437	812	1,625	33.3	66.7
Fabricated metal products	332	48,470	14,896	33,574	30.7	69.3
Machinery	333	18,350	7,551	10,799	41.1	58.9
Computer and electronic products	334	8,851	4,521	4,330	51.1	48.9
Communications equipment	3342	938	529	409	56.4	43.6
Semiconductor and other electronic components	3344	2,914	1,315	1,599	45.1	54.9
Navigational, measuring, electromedical, and control instruments	3345	3,649	1,992	1,657	54.6	45.4
Other computer and electronic products	other 334	1,349	683	666	50.6	49.4
Electrical equipment, appliances, and components	335	3,874	1,725	2,149	44.5	55.5
Transportation equipment	336	7,638	2,668	4,970	34.9	65.1
Automobiles, bodies, trailers, and parts	3361–63	4,728	1,542	3,186	32.6	67.4
Aerospace products and parts	3364	1,099	483	616	43.9	56.1
Other transportation	other 336	1,810	643	1,167	35.5	64.5
Furniture and related products	337	12,927	3,433	9,494	26.6	73.4
Miscellaneous	339	20,251	6,669	13,582	32.9	67.1
Medical equipment and supplies	3391	8,014	2,769	5,245	34.6	65.4
Other miscellaneous manufacturing	3399	12,237	3,900	8,337	31.9	68.1
Nonmanufacturing industries	11, 21–23, 42–81	4,640,414	1,156,431	3,483,983	24.9	75.1
Agriculture, forestry, fishing, and hunting	11	22,732	3,966	18,766	17.4	82.6
Mining, extraction, and support activities	21	15,475	1,909	13,566	12.3	87.7
Utilities	22	2,615	544	2,071	20.8	79.2
Construction	23	627,340	112,914	514,426	18.0	82.0
Wholesale trade	42	253,680	87,276	166,404	34.4	65.6
Retail trade	44–45	554,596	149,493	405,103	27.0	73.0
Transportation and warehousing	48–49	157,728	41,887	115,841	26.6	73.4
Information	51	62,834	24,216	38,618	38.5	61.5
Publishing	511	18,521	8,631	9,890	46.6	53.4
Newspaper, periodical, book, and directory publishers	5111	9,824	3,519	6,305	35.8	64.2
Software publishers	5112	8,698	5,111	3,587	58.8	41.2
Telecommunications	517	6,907	2,344	4,563	33.9	66.1

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Data processing, hosting, and related services	518	8,155	4,001	4,154	49.1	50.9
Other information	other 51	29,253	9,239	20,014	31.6	68.4
Finance and insurance	52	203,913	53,146	150,767	26.1	73.9
Real estate and rental and leasing	53	266,098	53,570	212,528	20.1	79.9
Lessors of nonfinancial intangible assets (except copyrighted works)	533	2,106	576	1,530	27.4	72.6
Other real estate and rental and leasing	other 53	263,991	52,994	210,997	20.1	79.9
Professional, scientific, and technical services	54	704,191	203,986	500,205	29.0	71.0
Legal services	5411	151,977	26,259	125,718	17.3	82.7
Accounting, tax preparation, bookkeeping, and payroll services	5412	106,233	22,029	84,204	20.7	79.3
Architectural, engineering, and related services	5413	87,739	26,259	61,480	29.9	70.1
Specialized design services	5414	27,355	8,766	18,589	32.0	68.0
Computer systems design and related services	5415	97,862	42,874	54,988	43.8	56.2
Management, scientific, and technical consulting services	5416	137,973	46,845	91,128	34.0	66.0
Scientific research and development services	5417	10,517	4,500	6,017	42.8	57.2
Advertising, public relations, and related services	5418	27,194	8,649	18,545	31.8	68.2
Other professional, scientific, and technical services	5419	57,339	17,806	39,533	31.1	68.9
Management of companies and enterprises	55	2,391	502	1,889	21.0	79.0
Administrative and support and waste management and remediation services	56	285,195	63,850	221,345	22.4	77.6
Educational services	61	55,306	18,322	36,984	33.1	66.9
Health care and social assistance	62	526,683	129,826	396,857	24.6	75.4
Health care services	621–23	462,026	113,102	348,924	24.5	75.5
Social assistance	624	64,657	16,723	47,934	25.9	74.1
Arts, entertainment, and recreation	71	90,036	20,637	69,399	22.9	77.1
Accommodation and food services	72	464,061	112,889	351,172	24.3	75.7
Other services	81	345,543	77,506	268,037	22.4	77.6

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, 2020 Annual Business Survey: Data Year 2019.