

TABLE 29

**Product or business process innovating companies, by industry: 2019–21**

(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	4,874,928	1,310,146	3,564,782	26.9	73.1
Manufacturing industries	31–33	209,282	65,825	143,457	31.5	68.5
Food	311	19,326	6,741	12,585	34.9	65.1
Beverage and tobacco products	312	9,354	3,983	5,371	42.6	57.4
Textile, apparel, and leather products	313–16	9,443	2,581	6,862	27.3	72.7
Wood products	321	9,546	2,322	7,224	24.3	75.7
Paper	322	1,500	572	928	38.1	61.9
Printing and related support activities	323	20,212	5,522	14,690	27.3	72.7
Petroleum and coal products	324	546	93	453	17.0	83.0
Chemicals	325	7,961	3,219	4,742	40.4	59.6
Pesticide, fertilizer, and other agricultural chemicals	3253	580	152	428	26.2	73.8
Pharmaceuticals and medicines	3254	1,536	669	867	43.6	56.4
Soap, cleaning compound, and toilet preparation	3256	1,652	716	936	43.3	56.7
Other chemicals	other 325	4,194	1,680	2,514	40.1	59.9
Plastics and rubber products	326	7,060	2,506	4,554	35.5	64.5
Nonmetallic mineral products	327	7,290	1,969	5,321	27.0	73.0
Primary metals	331	2,079	694	1,385	33.4	66.6
Fabricated metal products	332	46,128	12,693	33,435	27.5	72.5
Machinery	333	16,440	5,855	10,585	35.6	64.4
Computer and electronic products	334	8,527	3,807	4,720	44.6	55.4
Communications equipment	3342	850	494	356	58.1	41.9
Semiconductor and other electronic components	3344	2,711	1,122	1,589	41.4	58.6
Navigational, measuring, electromedical, and control instruments	3345	3,737	1,645	2,092	44.0	56.0
Other computer and electronic products	other 334	1,230	548	682	44.6	55.4
Electrical equipment, appliances, and components	335	3,925	1,750	2,175	44.6	55.4
Transportation equipment	336	7,325	2,437	4,888	33.3	66.7
Automobiles, bodies, trailers, and parts	3361–63	4,494	1,539	2,955	34.2	65.8
Aerospace products and parts	3364	1,044	340	704	32.6	67.4
Other transportation	other 336	1,787	557	1,230	31.2	68.8
Furniture and related products	337	12,060	2,929	9,131	24.3	75.7
Miscellaneous	339	20,536	6,147	14,389	29.9	70.1
Medical equipment and supplies	3391	7,602	1,939	5,663	25.5	74.5
Other miscellaneous manufacturing	3399	12,933	4,206	8,727	32.5	67.5
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	1,244,320	3,421,325	26.7	73.3
Agriculture, forestry, fishing, and hunting	11	19,567	2,997	16,570	15.3	84.7
Mining, extraction, and support activities	21	14,004	2,285	11,719	16.3	83.7
Utilities	22	2,994	721	2,273	24.1	75.9
Construction	23	635,568	121,436	514,132	19.1	80.9
Wholesale trade	42	241,440	67,241	174,199	27.8	72.2
Retail trade	44–45	546,067	156,491	389,576	28.7	71.3
Transportation and warehousing	48–49	165,454	48,305	117,149	29.2	70.8
Information	51	65,445	22,200	43,245	33.9	66.1
Publishing	511	17,755	7,522	10,233	42.4	57.6
Newspaper, periodical, book, and directory publishers	5111	9,162	2,504	6,658	27.3	72.7
Software publishers	5112	8,589	5,014	3,575	58.4	41.6
Telecommunications	517	7,319	2,247	5,072	30.7	69.3

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Data processing, hosting, and related services	518	8,346	3,583	4,763	42.9	57.1
Other information	other 51	32,027	8,846	23,181	27.6	72.4
Finance and insurance	52	198,128	55,938	142,190	28.2	71.8
Real estate and rental and leasing	53	283,276	57,921	225,355	20.4	79.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,956	593	1,363	30.3	69.7
Other real estate and rental and leasing	other 53	281,321	57,329	223,992	20.4	79.6
Professional, scientific, and technical services	54	717,229	220,254	496,975	30.7	69.3
Legal services	5411	152,543	30,133	122,410	19.8	80.2
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	28,766	80,309	26.4	73.6
Architectural, engineering, and related services	5413	87,994	23,728	64,266	27.0	73.0
Specialized design services	5414	29,258	10,329	18,929	35.3	64.7
Computer systems design and related services	5415	100,282	39,518	60,764	39.4	60.6
Management, scientific, and technical consulting services	5416	144,421	55,974	88,447	38.8	61.2
Scientific research and development services	5417	11,149	4,479	6,670	40.2	59.8
Advertising, public relations, and related services	5418	28,236	10,448	17,788	37.0	63.0
Other professional, scientific, and technical services	5419	54,270	16,881	37,389	31.1	68.9
Management of companies and enterprises	55	3,153	772	2,381	24.5	75.5
Administrative and support and waste management and remediation services	56	293,539	73,400	220,139	25.0	75.0
Educational services	61	57,078	25,792	31,286	45.2	54.8
Health care and social assistance	62	536,276	152,156	384,120	28.4	71.6
Health care services	621–23	469,939	131,793	338,146	28.0	72.0
Social assistance	624	66,336	20,362	45,974	30.7	69.3
Arts, entertainment, and recreation	71	89,491	23,400	66,091	26.1	73.9
Accommodation and food services	72	455,071	132,952	322,119	29.2	70.8
Other services	81	341,869	80,060	261,809	23.4	76.6

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, 2022 Annual Business Survey: Data Year 2021.