

TABLE 30

Product or business process innovating companies, by industry: 2020–22

(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	4,937,279	1,130,039	3,807,240	22.9	77.1
Manufacturing industries	31–33	206,906	57,497	149,410	27.8	72.2
Food	311	17,974	5,629	12,345	31.3	68.7
Beverage and tobacco products	312	9,341	3,329	6,012	35.6	64.4
Textile, apparel, and leather products	313–16	9,487	2,234	7,253	23.5	76.5
Wood products	321	9,802	1,971	7,831	20.1	79.9
Paper	322	1,822	487	1,334	26.7	73.2
Printing and related support activities	323	18,446	4,136	14,310	22.4	77.6
Petroleum and coal products	324	476	150	327	31.5	68.7
Chemicals	325	7,939	3,129	4,810	39.4	60.6
Pesticide, fertilizer, and other agricultural chemicals	3253	697	257	440	36.9	63.1
Pharmaceuticals and medicines	3254	1,694	719	975	42.4	57.6
Soap, cleaning compound, and toilet preparation	3256	1,742	733	1,009	42.1	57.9
Other chemicals	other 325	3,806	1,420	2,387	37.3	62.7
Plastics and rubber products	326	7,276	2,426	4,850	33.3	66.7
Nonmetallic mineral products	327	7,277	1,563	5,714	21.5	78.5
Primary metals	331	2,228	654	1,574	29.4	70.6
Fabricated metal products	332	46,437	11,063	35,374	23.8	76.2
Machinery	333	17,122	5,437	11,685	31.8	68.2
Computer and electronic products	334	8,383	3,545	4,838	42.3	57.7
Communications equipment	3342	936	392	544	41.9	58.1
Semiconductor and other electronic components	3344	2,817	1,058	1,758	37.6	62.4
Navigational, measuring, electromedical, and control instruments	3345	3,515	1,621	1,894	46.1	53.9
Other computer and electronic products	other 334	1,116	473	642	42.4	57.5
Electrical equipment, appliances, and components	335	3,828	1,479	2,350	38.6	61.4
Transportation equipment	336	7,567	2,501	5,067	33.1	67.0
Automobiles, bodies, trailers, and parts	3361–63	4,611	1,634	2,977	35.4	64.6
Aerospace products and parts	3364	1,020	272	748	26.7	73.3
Other transportation	other 336	1,936	594	1,342	30.7	69.3
Furniture and related products	337	12,282	2,705	9,577	22.0	78.0
Miscellaneous	339	19,220	5,060	14,160	26.3	73.7
Medical equipment and supplies	3391	6,640	1,798	4,842	27.1	72.9
Other miscellaneous manufacturing	3399	12,580	3,262	9,318	25.9	74.1
Nonmanufacturing industries	11, 21–23, 42–81	4,730,373	1,072,542	3,657,830	22.7	77.3
Agriculture, forestry, fishing, and hunting	11	18,247	2,141	16,106	11.7	88.3
Mining, extraction, and support activities	21	13,624	1,633	11,991	12.0	88.0
Utilities	22	3,109	680	2,430	21.9	78.2
Construction	23	649,534	102,717	546,816	15.8	84.2
Wholesale trade	42	236,287	55,914	180,373	23.7	76.3
Retail trade	44–45	541,989	137,231	404,758	25.3	74.7
Transportation and warehousing	48–49	179,812	44,020	135,792	24.5	75.5
Information	51	65,643	20,792	44,851	31.7	68.3
Publishing	511	19,207	7,831	11,375	40.8	59.2
Newspaper, periodical, book, and directory publishers	5111	9,126	2,429	6,697	26.6	73.4
Software publishers	5112	10,081	5,402	4,679	53.6	46.4
Telecommunications	517	6,789	1,805	4,984	26.6	73.4

TABLE 30

Product or business process innovating companies, by industry: 2020–22

(Number and percent)

Industry	NAICS code	Companies (number)	Product or business process innovation			
			Number		Percent	
			Yes	No	Yes	No
Data processing, hosting, and related services	518	8,620	3,553	5,067	41.2	58.8
Other information	other 51	31,028	7,603	23,425	24.5	75.5
Finance and insurance	52	201,040	44,188	156,852	22.0	78.0
Real estate and rental and leasing	53	286,285	47,046	239,239	16.4	83.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,639	468	1,172	28.6	71.5
Other real estate and rental and leasing	other 53	284,645	46,578	238,067	16.4	83.6
Professional, scientific, and technical services	54	718,939	188,003	530,936	26.2	73.8
Legal services	5411	153,526	25,232	128,294	16.4	83.6
Accounting, tax preparation, bookkeeping, and payroll services	5412	110,730	24,641	86,089	22.3	77.7
Architectural, engineering, and related services	5413	88,611	20,370	68,241	23.0	77.0
Specialized design services	5414	29,467	8,602	20,865	29.2	70.8
Computer systems design and related services	5415	98,027	35,852	62,175	36.6	63.4
Management, scientific, and technical consulting services	5416	148,822	45,996	102,826	30.9	69.1
Scientific research and development services	5417	11,451	4,534	6,917	39.6	60.4
Advertising, public relations, and related services	5418	26,409	7,940	18,470	30.1	69.9
Other professional, scientific, and technical services	5419	51,895	14,836	37,059	28.6	71.4
Management of companies and enterprises	55	2,437	407	2,030	16.7	83.3
Administrative and support and waste management and remediation services	56	299,091	62,047	237,044	20.7	79.3
Educational services	61	58,964	21,235	37,729	36.0	64.0
Health care and social assistance	62	534,195	132,213	401,982	24.8	75.2
Health care services	621–23	467,866	113,683	354,183	24.3	75.7
Social assistance	624	66,329	18,530	47,799	27.9	72.1
Arts, entertainment, and recreation	71	94,366	20,861	73,504	22.1	77.9
Accommodation and food services	72	472,416	121,572	350,843	25.7	74.3
Other services	81	354,397	69,844	284,553	19.7	80.3

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, 2023 Annual Business Survey: Data Year 2022.