

Table 24. Business process innovating companies, by industry: 2021–23

(Number and percent)

Industry	NAICS code	Companies (number)	Business process innovation			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	5,033,879	993,214	4,040,665	19.7	80.3
Manufacturing industries	31–33	207,352	54,071	153,282	26.1	73.9
Food	311	18,929	5,547	13,382	29.3	70.7
Beverage and tobacco products	312	9,236	2,679	6,557	29.0	71.0
Textile, apparel, and leather products	313–16	9,223	2,093	7,130	22.7	77.3
Wood products	321	9,572	1,865	7,707	19.5	80.5
Paper	322	2,042	497	1,545	24.3	75.7
Printing and related support activities	323	18,767	4,112	14,655	21.9	78.1
Petroleum and coal products	324	222	39	182	17.6	82.0
Chemicals	325	7,878	2,799	5,079	35.5	64.5
Pesticide, fertilizer, and other agricultural chemicals	3253	499	126	373	25.3	74.7
Pharmaceuticals and medicines	3254	1,702	685	1,017	40.2	59.8
Soap, cleaning compound, and toilet preparation	3256	1,817	682	1,135	37.5	62.5
Other chemicals	other 325	3,860	1,306	2,554	33.8	66.2
Plastics and rubber products	326	6,787	2,251	4,537	33.2	66.8
Nonmetallic mineral products	327	7,659	1,470	6,189	19.2	80.8
Primary metals	331	1,933	453	1,480	23.4	76.6
Fabricated metal products	332	47,168	10,915	36,253	23.1	76.9
Machinery	333	17,417	5,319	12,097	30.5	69.5
Computer and electronic products	334	8,108	2,963	5,145	36.5	63.5
Communications equipment	3342	973	352	621	36.2	63.8
Semiconductor and other electronic components	3344	2,583	806	1,777	31.2	68.8
Navigational, measuring, electromedical, and control instruments	3345	3,674	1,520	2,153	41.4	58.6
Other computer and electronic products	other 334	878	284	594	32.3	67.7
Electrical equipment, appliances, and components	335	4,012	1,307	2,705	32.6	67.4
Transportation equipment	336	7,200	2,181	5,019	30.3	69.7
Automobiles, bodies, trailers, and parts	3361–63	4,517	1,429	3,088	31.6	68.4
Aerospace products and parts	3364	907	251	656	27.7	72.3
Other transportation	other 336	1,776	501	1,275	28.2	71.8
Furniture and related products	337	11,432	2,663	8,769	23.3	76.7
Miscellaneous	339	19,766	4,918	14,847	24.9	75.1
Medical equipment and supplies	3391	7,071	1,791	5,280	25.3	74.7
Other miscellaneous manufacturing	3399	12,695	3,128	9,567	24.6	75.4
Nonmanufacturing industries	11, 21–23, 42–81	4,826,527	939,143	3,887,383	19.5	80.5
Agriculture, forestry, fishing, and hunting	11	18,408	1,938	16,470	10.5	89.5
Mining, extraction, and support activities	21	14,212	1,387	12,825	9.8	90.2
Utilities	22	3,367	770	2,596	22.9	77.1
Construction	23	697,532	99,286	598,246	14.2	85.8
Wholesale trade	42	236,689	57,041	179,647	24.1	75.9
Retail trade	44–45	542,047	109,208	432,839	20.1	79.9
Transportation and warehousing	48–49	184,207	44,006	140,201	23.9	76.1
Information	51	67,109	20,764	46,344	30.9	69.1
Publishing	511	19,008	7,671	11,337	40.4	59.6
Newspaper, periodical, book, and directory publishers	5111	8,557	2,062	6,495	24.1	75.9
Software publishers	5112	10,451	5,609	4,842	53.7	46.3
Telecommunications	517	6,886	2,384	4,502	34.6	65.4
Data processing, hosting, and related services	518	8,312	3,635	4,677	43.7	56.3
Other information	other 51	32,903	7,074	25,828	21.5	78.5
Finance and insurance	52	195,489	33,581	161,908	17.2	82.8

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Real estate and rental and leasing	53	282,087	40,341	241,746	14.3	85.7
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,783	519	1,264	29.1	70.9
Other real estate and rental and leasing	other 53	280,304	39,822	240,482	14.2	85.8
Professional, scientific, and technical services	54	730,285	175,487	554,798	24.0	76.0
Legal services	5411	153,500	21,854	131,646	14.2	85.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	108,031	20,315	87,715	18.8	81.2
Architectural, engineering, and related services	5413	88,454	20,849	67,605	23.6	76.4
Specialized design services	5414	28,137	7,090	21,048	25.2	74.8
Computer systems design and related services	5415	99,385	36,844	62,541	37.1	62.9
Management, scientific, and technical consulting services	5416	156,771	43,859	112,912	28.0	72.0
Scientific research and development services	5417	11,544	3,899	7,645	33.8	66.2
Advertising, public relations, and related services	5418	27,216	7,058	20,158	25.9	74.1
Other professional, scientific, and technical services	5419	57,246	13,718	43,528	24.0	76.0
Management of companies and enterprises	55	2,682	481	2,201	17.9	82.1
Administrative and support and waste management and remediation services	56	305,400	53,210	252,189	17.4	82.6
Educational services	61	61,684	15,684	46,000	25.4	74.6
Health care and social assistance	62	549,826	107,402	442,424	19.5	80.5
Health care services	621–23	482,098	92,470	389,628	19.2	80.8
Social assistance	624	67,728	14,932	52,796	22.0	78.0
Arts, entertainment, and recreation	71	97,837	16,429	81,408	16.8	83.2
Accommodation and food services	72	492,801	102,437	390,364	20.8	79.2
Other services	81	344,866	59,690	285,175	17.3	82.7

r = relative standard error > 50%.

NAICS = 2022 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, 2024 Annual Business Survey: Data Year 2023.