

TABLE 24

Business process innovating companies, by industry: 2020–22

(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	4,937,279	983,747	3,953,532	19.9	80.1
Manufacturing industries	31–33	206,906	48,414	158,493	23.4	76.6
Food	311	17,974	4,711	13,262	26.2	73.8
Beverage and tobacco products	312	9,341	2,700	6,641	28.9	71.1
Textile, apparel, and leather products	313–16	9,487	1,842	7,645	19.4	80.6
Wood products	321	9,802	1,791	8,012	18.3	81.7
Paper	322	1,822	453	1,369	24.9	75.1
Printing and related support activities	323	18,446	3,489	14,957	18.9	81.1
Petroleum and coal products	324	476	136	341	28.6	71.6
Chemicals	325	7,939	2,568	5,371	32.3	67.7
Pesticide, fertilizer, and other agricultural chemicals	3253	697	213	484	30.6	69.4
Pharmaceuticals and medicines	3254	1,694	623	1,072	36.8	63.3
Soap, cleaning compound, and toilet preparation	3256	1,742	574	1,168	33.0	67.0
Other chemicals	other 325	3,806	1,159	2,647	30.5	69.5
Plastics and rubber products	326	7,276	2,074	5,203	28.5	71.5
Nonmetallic mineral products	327	7,277	1,354	5,923	18.6	81.4
Primary metals	331	2,228	618	1,610	27.7	72.3
Fabricated metal products	332	46,437	9,817	36,619	21.1	78.9
Machinery	333	17,122	4,349	12,773	25.4	74.6
Computer and electronic products	334	8,383	2,837	5,546	33.8	66.2
Communications equipment	3342	936	298	638	31.8	68.2
Semiconductor and other electronic components	3344	2,817	930	1,887	33.0	67.0
Navigational, measuring, electromedical, and control instruments	3345	3,515	1,250	2,264	35.6	64.4
Other computer and electronic products	other 334	1,116	359	757	32.2	67.8
Electrical equipment, appliances, and components	335	3,828	1,219	2,610	31.8	68.2
Transportation equipment	336	7,567	1,955	5,612	25.8	74.2
Automobiles, bodies, trailers, and parts	3361–63	4,611	1,283	3,329	27.8	72.2
Aerospace products and parts	3364	1,020	230	790	22.5	77.5
Other transportation	other 336	1,936	443	1,494	22.9	77.2
Furniture and related products	337	12,282	2,425	9,858	19.7	80.3
Miscellaneous	339	19,220	4,078	15,142	21.2	78.8
Medical equipment and supplies	3391	6,640	1,460	5,180	22.0	78.0
Other miscellaneous manufacturing	3399	12,580	2,618	9,961	20.8	79.2
Nonmanufacturing industries	11, 21–23, 42–81	4,730,373	935,333	3,795,039	19.8	80.2
Agriculture, forestry, fishing, and hunting	11	18,247	1,850	16,397	10.1	89.9
Mining, extraction, and support activities	21	13,624	1,434	12,189	10.5	89.5
Utilities	22	3,109	573	2,536	18.4	81.6
Construction	23	649,534	90,732	558,802	14.0	86.0
Wholesale trade	42	236,287	46,184	190,102	19.5	80.5
Retail trade	44–45	541,989	114,762	427,226	21.2	78.8
Transportation and warehousing	48–49	179,812	42,401	137,411	23.6	76.4
Information	51	65,643	17,206	48,437	26.2	73.8
Publishing	511	19,207	6,480	12,727	33.7	66.3
Newspaper, periodical, book, and directory publishers	5111	9,126	2,046	7,080	22.4	77.6
Software publishers	5112	10,081	4,434	5,647	44.0	56.0
Telecommunications	517	6,789	1,466	5,323	21.6	78.4
Data processing, hosting, and related services	518	8,620	3,014	5,606	35.0	65.0

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Other information	other 51	31,028	6,246	24,782	20.1	79.9
Finance and insurance	52	201,040	40,359	160,681	20.1	79.9
Real estate and rental and leasing	53	286,285	43,450	242,835	15.2	84.8
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,639	408	1,231	24.9	75.1
Other real estate and rental and leasing	other 53	284,645	43,042	241,604	15.1	84.9
Professional, scientific, and technical services	54	718,939	168,073	550,866	23.4	76.6
Legal services	5411	153,526	23,612	129,914	15.4	84.6
Accounting, tax preparation, bookkeeping, and payroll services	5412	110,730	22,873	87,857	20.7	79.3
Architectural, engineering, and related services	5413	88,611	17,753	70,858	20.0	80.0
Specialized design services	5414	29,467	7,580	21,887	25.7	74.3
Computer systems design and related services	5415	98,027	31,390	66,636	32.0	68.0
Management, scientific, and technical consulting services	5416	148,822	41,468	107,355	27.9	72.1
Scientific research and development services	5417	11,451	3,920	7,532	34.2	65.8
Advertising, public relations, and related services	5418	26,409	7,146	19,263	27.1	72.9
Other professional, scientific, and technical services	5419	51,895	12,331	39,564	23.8	76.2
Management of companies and enterprises	55	2,437	337	2,100	13.8	86.2
Administrative and support and waste management and remediation services	56	299,091	54,391	244,700	18.2	81.8
Educational services	61	58,964	17,351	41,613	29.4	70.6
Health care and social assistance	62	534,195	113,919	420,276	21.3	78.7
Health care services	621–23	467,866	97,547	370,318	20.8	79.2
Social assistance	624	66,329	16,372	49,957	24.7	75.3
Arts, entertainment, and recreation	71	94,366	16,635	77,731	17.6	82.4
Accommodation and food services	72	472,416	107,005	365,411	22.7	77.3
Other services	81	354,397	58,671	295,726	16.6	83.4

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.