

TABLE 41

**Companies with new or improved business processes: Administration and management activities, by industry: 2016–18**

(Number and percent)

Industry	NAICS code	Companies (number)	Innovating administration and management activities			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,805,151	424,549	4,380,602	8.8	91.2
Manufacturing industries	31–33	217,565	22,995	194,570	10.6	89.4
Food	311	18,250	2,243	16,007	12.3	87.7
Beverage and tobacco products	312	7,723	1,263	6,460	16.4	83.6
Textile, apparel, and leather products	313–16	10,554	921	9,633	8.7	91.3
Wood products	321	11,012	814	10,198	7.4	92.6
Paper	322	2,117	189	1,928	8.9	91.1
Printing and related support activities	323	20,851	1,627	19,224	7.8	92.2
Petroleum and coal products	324	583	53	530	9.1	90.9
Chemicals	325	7,522	1,060	6,462	14.1	85.9
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	593	83	510	14.0	86.0
Pharmaceuticals and medicines	3254	1,365	224	1,141	16.4	83.6
Soap, cleaning compound, and toilet preparation manufacturing	3256	1,636	195	1,441	11.9	88.1
Other chemicals	other 325	3,927	562	3,365	14.3	85.7
Plastics and rubber products	326	8,087	960	7,127	11.9	88.1
Nonmetallic mineral products	327	7,749	588	7,161	7.6	92.4
Primary metals	331	2,537	312	2,225	12.3	87.7
Fabricated metal products	332	48,472	5,040	43,432	10.4	89.6
Machinery	333	18,558	2,260	16,298	12.2	87.8
Computer and electronic products	334	9,036	944	8,092	10.4	89.6
Communications equipment	3342	974	126	848	12.9	87.1
Semiconductor and other electronic components	3344	2,796	382	2,414	13.7	86.3
Navigational, measuring, electromedical, and control instruments	3345	3,909	331	3,578	8.5	91.5
Other computer and electronic products	other 334	1,359	107	1,252	7.9	92.1
Electrical equipment, appliances, and components	335	4,000	581	3,419	14.5	85.5
Transportation equipment	336	7,175	749	6,426	10.4	89.6
Automobiles, bodies, trailers, and parts	3361–63	4,565	408	4,157	8.9	91.1
Aerospace products and parts	3364	985	108	877	11.0	89.0
Other transportation	other 336	1,625	233	1,392	14.3	85.7
Furniture and related products	337	12,647	1,143	11,504	9.0	91.0
Miscellaneous	339	20,669	2,245	18,424	10.9	89.1
Medical equipment and supplies	3391	8,060	883	7,177	11.0	89.0
Other miscellaneous manufacturing	3399	12,608	1,361	11,247	10.8	89.2
Nonmanufacturing industries	11, 21–23, 42–81	4,587,586	401,555	4,186,031	8.8	91.2
Agriculture, forestry, fishing, and hunting	11	21,606	1,188	20,418	5.5	94.5
Mining, extraction, and support activities	21	14,969	505	14,464	3.4	96.6
Utilities	22	2,684	155	2,529	5.8	94.2
Construction	23	613,110	47,598	565,512	7.8	92.2
Wholesale trade	42	257,153	24,294	232,859	9.4	90.6
Retail trade	44–45	560,952	45,483	515,469	8.1	91.9
Transportation and warehousing	48–49	152,463	12,975	139,488	8.5	91.5
Information	51	61,638	6,515	55,123	10.6	89.4
Publishing	511	17,590	2,052	15,538	11.7	88.3
Newspaper, periodical, book, and directory publishers	5111	9,761	706	9,055	7.2	92.8

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Software publishers	5112	7,828	1,346	6,482	17.2	82.8
Telecommunications	517	7,164	795	6,369	11.1	88.9
Data processing, hosting, and related services	518	8,918	1,219	7,699	13.7	86.3
Other information	other 51	27,965	2,448	25,517	8.8	91.2
Finance and insurance	52	200,857	18,363	182,494	9.1	90.9
Real estate and rental and leasing	53	255,783	20,776	235,007	8.1	91.9
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,812	113 r	1,699	6.2 r	93.8
Other real estate and rental and leasing	other 53	253,970	20,662	233,308	8.1	91.9
Professional, scientific, and technical services	54	695,672	66,843	628,829	9.6	90.4
Legal services	5411	152,243	8,912	143,331	5.9	94.1
Accounting, tax preparation, bookkeeping, and payroll services	5412	106,634	9,834	96,800	9.2	90.8
Architectural, engineering, and related services	5413	88,491	7,341	81,150	8.3	91.7
Specialized design services	5414	26,282	2,245	24,037	8.5	91.5
Computer systems design and related services	5415	95,950	12,713	83,237	13.2	86.8
Management, scientific, and technical consulting services	5416	132,989	17,258	115,731	13.0	87.0
Scientific research and development services	5417	9,798	820	8,978	8.4	91.6
Advertising, public relations, and related services	5418	27,677	2,687	24,990	9.7	90.3
Other professional, scientific, and technical services	5419	55,569	5,035	50,534	9.1	90.9
Management of companies and enterprises	55	2,409	179	2,230	7.4	92.6
Administrative and support and waste management and remediation services	56	287,807	28,893	258,914	10.0	90.0
Educational services	61	53,912	6,763	47,149	12.5	87.5
Health care and social assistance	62	519,556	51,157	468,399	9.8	90.2
Health care services	621–23	459,855	42,331	417,524	9.2	90.8
Social assistance	624	59,700	8,825	50,875	14.8	85.2
Arts, entertainment, and recreation	71	88,831	6,254	82,577	7.0	93.0
Accommodation and food services	72	453,059	39,562	413,497	8.7	91.3
Other services	81	345,125	24,050	321,075	7.0	93.0

r = relative standard error &gt; 50%.

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, 2019 Annual Business Survey: Data Year 2018.