

TABLE 104

Companies with design or specification of goods for manufacturing activities completed by the company, by industry: 2019

(Number and percent)

Industry	NAICS code	All companies	Provided designs or specifications for goods manufactured for others	Did not provide designs or specifications for goods manufactured for others	Did not answer
All industries	11, 21–23, 31–33, 42–81	44,849	62.1	37.8	0.1
Manufacturing industries	31–33	15,564	61.1	38.8	0.1 r
Food	311	592	57.8	42.1	0.0
Beverage and tobacco products	312	221	41.1	58.9	0.0
Textile, apparel, and leather products	313–16	626	74.4	25.7	0.0
Wood products	321	306	60.9	39.1	0.0
Paper	322	271	66.0	34.0	0.0
Printing and related support activities	323	953	67.4	31.8	0.7 r
Petroleum and coal products	324	141 r	90.0	10.0 r	0.0
Chemicals	325	831	62.6	37.4	0.0
Pesticide, fertilizer, and other agricultural chemical	3253	52 r	11.7 r	88.3 r	0.0
Pharmaceuticals and medicines	3254	250	66.5	33.5	0.0
Soap, cleaning compound, and toilet preparation	3256	173	59.4	40.6	0.0
Other chemicals	other 325	357	68.8	31.2	0.0
Plastics and rubber products	326	916	51.3	48.6	0.1 r
Nonmetallic mineral products	327	410	48.2	49.4	2.4 r
Primary metals	331	261	49.8	50.2	0.0
Fabricated metal products	332	4,194	55.4	44.6	0.0
Machinery	333	2,194	66.5	33.5	0.0
Computer and electronic products	334	1,131	61.3	38.5	0.1 r
Communications equipment	3342	78	57.7	42.3 r	0.0
Semiconductor and other electronic components	3344	498	53.6	46.2	0.2 r
Navigational, measuring, electromedical, and control instruments	3345	447	72.6	27.4	0.0
Other computer and electronic products	other 334	107	51.8	48.2	0.0
Electrical equipment, appliances, and components	335	454	76.8	23.2	0.0
Transportation equipment	336	730	59.9	40.1	0.0
Automobiles, bodies, trailers, and parts	3361–63	457	68.0	32.0	0.0
Aerospace products and parts	3364	169	38.0	62.0	0.0
Other transportation	other 336	103	58.7 r	41.3 r	0.0
Furniture and related products	337	317	66.2	33.8 r	0.0
Miscellaneous	339	1,011	67.6	32.5	0.0
Medical equipment and supplies	3391	343	68.9	31.1	0.0
Other miscellaneous manufacturing	3399	667	66.7	33.4	0.0
Nonmanufacturing industries	11, 21–23, 42–81	29,284	62.7	37.2	0.1 r
Agriculture, forestry, fishing, and hunting	11	104 r	50.0 r	50.0 r	0.0
Mining, extraction, and support activities	21	98	66.3 r	33.7 r	0.0
Utilities	22	2	100.0	0.0	0.0
Construction	23	2,236	61.6	38.4	0.0
Wholesale trade	42	10,563	60.8	39.2	0.0
Retail trade	44–45	6,414	67.9	32.0	0.0
Transportation and warehousing	48–49	492	38.1	61.7	0.2 r
Information	51	631	63.0	37.0	0.0
Publishing	511	338	64.1	35.9	0.0
Newspaper, periodical, book, and directory publishers	5111	176	41.1	58.9	0.0

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Software publishers	5112	161	89.3	10.7 r	0.0
Telecommunications	517	8 r	42.9 r	57.1 r	0.0
Data processing, hosting, and related services	518	57 r	14.3 r	85.7	0.0
Other information	other 51	225	74.1	25.9 r	0.0
Finance and insurance	52	167 r	51.8	48.2	0.0
Real estate and rental and leasing	53	366	62.0	38.0	0.0
Lessors of nonfinancial intangible assets (except copyrighted works)	533	0	0.0	0.0	0.0
Other real estate and rental and leasing	other 53	366	62.0	38.0	0.0
Professional, scientific, and technical services	54	4,139	69.8	29.9	0.4 r
Legal services	5411	39 r	97.4 r	2.6 r	0.0
Accounting, tax preparation, bookkeeping, and payroll services	5412	0	0.0	0.0	0.0
Architectural, engineering, and related services	5413	1,018	72.1	26.4	1.5 r
Specialized design services	5414	521	77.2	22.8	0.0
Computer systems design and related services	5415	390	80.7	19.3 r	0.0
Management, scientific, and technical consulting services	5416	996	59.0	41.1	0.0
Scientific research and development services	5417	382	72.0	28.0	0.0
Advertising, public relations, and related services	5418	467	64.6	35.4	0.0
Other professional, scientific, and technical services	5419	327	73.4	26.6	0.0
Management of companies and enterprises	55	0	0.0	0.0	0.0
Administrative and support and waste management and remediation services	56	753	57.0	42.9	0.0
Educational services	61	90 r	50.0 r	50.0 r	0.0
Health care and social assistance	62	734	59.0	41.1	0.0
Health care services	621-23	734	59.0	41.1	0.0
Social assistance	624	0	0.0	0.0	0.0
Arts, entertainment, and recreation	71	185 r	71.0	29.0 r	0.0
Accommodation and food services	72	976	55.4	44.5	0.0
Other services	81	1,341	54.6	45.3	0.0

r = relative standard error > 50%.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. 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, 2020 Annual Business Survey: Data Year 2019.