

TABLE 62

Companies with design activities, by industry: 2021

(Number and percent)

Industry	NAICS code	Companies (number)	Design activities			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,874,928	784,863	4,090,065	16.1	83.9
Manufacturing industries	31–33	209,282	70,947	138,335	33.9	66.1
Food	311	19,326	3,923	15,403	20.3	79.7
Beverage and tobacco products	312	9,354	3,049	6,305	32.6	67.4
Textile, apparel, and leather products	313–16	9,443	3,041	6,402	32.2	67.8
Wood products	321	9,546	2,721	6,825	28.5	71.5
Paper	322	1,500	653	848	43.5	56.5
Printing and related support activities	323	20,212	5,680	14,532	28.1	71.9
Petroleum and coal products	324	546	63	483	11.6	88.4
Chemicals	325	7,961	2,404	5,557	30.2	69.8
Pesticide, fertilizer, and other agricultural chemicals	3253	580	93	487	16.0	84.0
Pharmaceuticals and medicines	3254	1,536	541	995	35.2	64.8
Soap, cleaning compound, and toilet preparation	3256	1,652	484	1,168	29.3	70.7
Other chemicals	other 325	4,194	1,288	2,906	30.7	69.3
Plastics and rubber products	326	7,060	2,344	4,716	33.2	66.8
Nonmetallic mineral products	327	7,290	2,151	5,139	29.5	70.5
Primary metals	331	2,079	536	1,543	25.8	74.2
Fabricated metal products	332	46,128	14,761	31,367	32.0	68.0
Machinery	333	16,440	7,464	8,976	45.4	54.6
Computer and electronic products	334	8,527	3,948	4,579	46.3	53.7
Communications equipment	3342	850	453	397	53.3	46.7
Semiconductor and other electronic components	3344	2,711	1,071	1,640	39.5	60.5
Navigational, measuring, electromedical, and control instruments	3345	3,737	1,883	1,854	50.4	49.6
Other computer and electronic products	other 334	1,230	542	688	44.1	55.9
Electrical equipment, appliances, and components	335	3,925	1,904	2,021	48.5	51.5
Transportation equipment	336	7,325	2,740	4,585	37.4	62.6
Automobiles, bodies, trailers, and parts	3361–63	4,494	1,685	2,809	37.5	62.5
Aerospace products and parts	3364	1,044	374	670	35.8	64.2
Other transportation	other 336	1,787	688	1,099	38.5	61.5
Furniture and related products	337	12,060	5,475	6,585	45.4	54.6
Miscellaneous	339	20,536	7,968	12,568	38.8	61.2
Medical equipment and supplies	3391	7,602	2,889	4,713	38.0	62.0
Other miscellaneous manufacturing	3399	12,933	5,070	7,863	39.2	60.8
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	713,844	3,951,801	15.3	84.7

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Agriculture, forestry, fishing, and hunting	11	19,567	1,213	18,354	6.2	93.8
Mining, extraction, and support activities	21	14,004	1,008	12,996	7.2	92.8
Utilities	22	2,994	338	2,656	11.3	88.7
Construction	23	635,568	102,962	532,606	16.2	83.8
Wholesale trade	42	241,440	38,630	202,810	16.0	84.0
Retail trade	44-45	546,067	77,542	468,525	14.2	85.8
Transportation and warehousing	48-49	165,454	15,387	150,067	9.3	90.7
Information	51	65,445	19,503	45,942	29.8	70.2
Publishing	511	17,755	7,635	10,120	43.0	57.0
Newspaper, periodical, book, and directory publishers	5111	9,162	2,474	6,688	27.0	73.0
Software publishers	5112	8,589	5,162	3,427	60.1	39.9
Telecommunications	517	7,319	1,274	6,045	17.4	82.6
Data processing, hosting, and related services	518	8,346	3,614	4,732	43.3	56.7
Other information	other 51	32,027	7,014	25,013	21.9	78.1
Finance and insurance	52	198,128	25,955	172,173	13.1	86.9
Real estate and rental and leasing	53	283,276	29,177	254,099	10.3	89.7
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,956	311	1,645	15.9	84.1
Other real estate and rental and leasing	other 53	281,321	28,695	252,626	10.2	89.8
Professional, scientific, and technical services	54	717,229	182,893	534,336	25.5	74.5
Legal services	5411	152,543	10,983	141,560	7.2	92.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	11,889	97,186	10.9	89.1
Architectural, engineering, and related services	5413	87,994	38,541	49,453	43.8	56.2
Specialized design services	5414	29,258	17,994	11,264	61.5	38.5
Computer systems design and related services	5415	100,282	40,915	59,367	40.8	59.2
Management, scientific, and technical consulting services	5416	144,421	39,716	104,705	27.5	72.5
Scientific research and development services	5417	11,149	3,735	7,414	33.5	66.5
Advertising, public relations, and related services	5418	28,236	9,459	18,777	33.5	66.5
Other professional, scientific, and technical services	5419	54,270	9,986	44,284	18.4	81.6
Management of companies and enterprises	55	3,153	322	2,831	10.2	89.8
Administrative and support and waste management and remediation services	56	293,539	41,095	252,444	14.0	86.0
Educational services	61	57,078	12,785	44,293	22.4	77.6
Health care and social assistance	62	536,276	63,281	472,995	11.8	88.2
Health care services	621-23	469,939	56,393	413,546	12.0	88.0
Social assistance	624	66,336	6,965	59,371	10.5	89.5

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Arts, entertainment, and recreation	71	89,491	13,603	75,888	15.2	84.8
Accommodation and food services	72	455,071	46,417	408,654 ⁱ	10.2	89.8
Other services	81	341,869	39,315	302,554	11.5	88.5

ⁱ = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; 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, 2022 Annual Business Survey: Data Year 2021.