

TABLE CET-9

Companies performing or funding additive manufacturing technology R&D, by industry: 2021

(Number and percent)

Industry	NAICS code	Companies (number)	Additive manufacturing			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,874,928	36,663	4,838,265	0.8	99.2
Manufacturing industries	31–33	209,282	9,403	199,879	4.5	95.5
Food	311	19,326	78	19,248	0.4	99.6
Beverage and tobacco products	312	9,354	69	9,285	0.7	99.3
Textile, apparel, and leather products	313–16	9,443	253	9,190	2.7	97.3
Wood products	321	9,546	245	9,301	2.6	97.4
Paper	322	1,500	35	1,465	2.3	97.7
Printing and related support activities	323	20,212	325	19,887	1.6	98.4
Petroleum and coal products	324	546	8	538	1.4	98.6
Chemicals	325	7,961	320	7,641	4.0	96.0
Pesticide, fertilizer, and other agricultural chemicals	3253	580	10	570	1.7	98.3
Pharmaceuticals and medicines	3254	1,536	41	1,495	2.7	97.3
Soap, cleaning compound, and toilet preparation	3256	1,652	41	1,611	2.5	97.5
Other chemicals	other 325	4,194	232	3,962	5.5	94.5
Plastics and rubber products	326	7,060	589	6,471	8.3	91.7
Nonmetallic mineral products	327	7,290	162	7,128	2.2	97.8
Primary metals	331	2,079	137	1,942	6.6	93.4
Fabricated metal products	332	46,128	2,362	43,766	5.1	94.9
Machinery	333	16,440	1,169	15,271	7.1	92.9
Computer and electronic products	334	8,527	744	7,783	8.7	91.3
Communications equipment	3342	850	73	777	8.6	91.4
Semiconductor and other electronic components	3344	2,711	217	2,494	8.0	92.0
Navigational, measuring, electromedical, and control instruments	3345	3,737	388	3,349	10.4	89.6
Other computer and electronic products	other 334	1,230	67	1,163	5.5	94.5
Electrical equipment, appliances, and components	335	3,925	312	3,613	8.0	92.0
Transportation equipment	336	7,325	539	6,786	7.4	92.6
Automobiles, bodies, trailers, and parts	3361–63	4,494	278	4,216	6.2	93.8
Aerospace products and parts	3364	1,044	142	902	13.6	86.4
Other transportation	other 336	1,787	119	1,668	6.6	93.4
Furniture and related products	337	12,060	414	11,646	3.4	96.6
Miscellaneous	339	20,536	1,632	18,904	7.9	92.1
Medical equipment and supplies	3391	7,602	1,016	6,586	13.4	86.6
Other miscellaneous manufacturing	3399	12,933	613	12,320	4.7	95.3
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	27,270	4,638,375	0.6	99.4
Agriculture, forestry, fishing, and hunting	11	19,567	2	19,565	0.0	100.0
Mining, extraction, and support activities	21	14,004	29	13,975	0.2	99.8
Utilities	22	2,994	3	2,991	0.1	99.9
Construction	23	635,568	2,171	633,397	0.3	99.7
Wholesale trade	42	241,440	3,013	238,427	1.2	98.8
Retail trade	44–45	546,067	3,879	542,188	0.7	99.3
Transportation and warehousing	48–49	165,454	438	165,016	0.3	99.7
Information	51	65,445	438	65,007	0.7	99.3
Publishing	511	17,755	118	17,637	0.7	99.3
Newspaper, periodical, book, and directory publishers	5111	9,162	42	9,120	0.5	99.5
Software publishers	5112	8,589	78	8,511	0.9	99.1
Telecommunications	517	7,319	79	7,240	1.1	98.9
Data processing, hosting, and related services	518	8,346	118	8,228	1.4	98.6

TABLE CET-9

Companies performing or funding additive manufacturing technology R&D, by industry: 2021

(Number and percent)

Industry	NAICS code	Companies (number)	Additive manufacturing			
			Number		Percent	
			Yes	No	Yes	No
Other information	other 51	32,027	124	31,903	0.4	99.6
Finance and insurance	52	198,128	409	197,719	0.2	99.8
Real estate and rental and leasing	53	283,276	716	282,560	0.3	99.7
Lessors of nonfinancial intangible assets (except copyrighted works)	533	1,956	0	1,956	0.0	100.0
Other real estate and rental and leasing	other 53	281,321	715	280,606	0.3	99.7
Professional, scientific, and technical services	54	717,229	6,191	711,038	0.9	99.1
Legal services	5411	152,543	257	152,286	0.2	99.8
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	135	108,940	0.1	99.9
Architectural, engineering, and related services	5413	87,994	2,130	85,864	2.4	97.6
Specialized design services	5414	29,258	377	28,881	1.3	98.7
Computer systems design and related services	5415	100,282	1,353	98,929	1.3	98.7
Management, scientific, and technical consulting services	5416	144,421	1,003	143,418	0.7	99.3
Scientific research and development services	5417	11,149	602	10,547	5.4	94.6
Advertising, public relations, and related services	5418	28,236	183	28,053	0.6	99.4
Other professional, scientific, and technical services	5419	54,270	153	54,117	0.3	99.7
Management of companies and enterprises	55	3,153	72	3,081	2.3	97.7
Administrative and support and waste management and remediation services	56	293,539	723	292,816	0.2	99.8
Educational services	61	57,078	247	56,831	0.4	99.6
Health care and social assistance	62	536,276	4,942	531,334	0.9	99.1
Health care services	621-23	469,939	4,652	465,287	1.0	99.0
Social assistance	624	66,336	284	66,052	0.4	99.6
Arts, entertainment, and recreation	71	89,491	258	89,233	0.3	99.7
Accommodation and food services	72	455,071	2,096	452,975	0.5	99.5
Other services	81	341,869	1,605	340,264	0.5	99.5

r = relative standard error > 50%.

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, 2022 Annual Business Survey: Data Year 2021.