

TABLE CET-17

**Companies performing or funding advanced financial technologies R&D, by industry: 2021**

(Number and percent)

Industry	NAICS code	Companies (number)	Advanced financial technologies			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,874,928	24,197	4,850,731	0.5	99.5
Manufacturing industries	31–33	209,282	859	208,423	0.4	99.6
Food	311	19,326	124 r	19,202	0.6 r	99.4
Beverage and tobacco products	312	9,354	24 r	9,330	0.3 r	99.7
Textile, apparel, and leather products	313–16	9,443	14	9,429	0.1	99.9
Wood products	321	9,546	11	9,535	0.1	99.9
Paper	322	1,500	1 r	1,499	0.1 r	99.9
Printing and related support activities	323	20,212	37	20,175	0.2	99.8
Petroleum and coal products	324	546	2 r	544	0.4 r	99.6
Chemicals	325	7,961	96 r	7,865	1.2 r	98.8
Pesticide, fertilizer, and other agricultural chemicals	3253	580	3 r	577	0.5 r	99.5
Pharmaceuticals and medicines	3254	1,536	12	1,524	0.7 r	99.3
Soap, cleaning compound, and toilet preparation	3256	1,652	7	1,645	0.4	99.6
Other chemicals	other 325	4,194	74 r	4,120	1.8 r	98.2
Plastics and rubber products	326	7,060	42	7,018	0.6 r	99.4
Nonmetallic mineral products	327	7,290	22	7,268	0.3	99.7
Primary metals	331	2,079	7 r	2,072	0.3 r	99.7
Fabricated metal products	332	46,128	79 r	46,049	0.2 r	99.8
Machinery	333	16,440	81	16,359	0.5 r	99.5
Computer and electronic products	334	8,527	104	8,423	1.2	98.8
Communications equipment	3342	850	3 r	847	0.4 r	99.6
Semiconductor and other electronic components	3344	2,711	58	2,653	2.1	97.9
Navigational, measuring, electromedical, and control instruments	3345	3,737	24 r	3,713	0.6 r	99.4
Other computer and electronic products	other 334	1,230	21 r	1,209	1.7 r	98.3
Electrical equipment, appliances, and components	335	3,925	19	3,906	0.5 r	99.5
Transportation equipment	336	7,325	50	7,275	0.7 r	99.3
Automobiles, bodies, trailers, and parts	3361–63	4,494	37	4,457	0.8 r	99.2
Aerospace products and parts	3364	1,044	4 r	1,040	0.4 r	99.6
Other transportation	other 336	1,787	7 r	1,780	0.4 r	99.6
Furniture and related products	337	12,060	10	12,050	0.1	99.9
Miscellaneous	339	20,536	125	20,411	0.6 r	99.4
Medical equipment and supplies	3391	7,602	65 r	7,537	0.9 r	99.1
Other miscellaneous manufacturing	3399	12,933	61	12,872	0.5	99.5
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	23,336	4,642,309	0.5	99.5
Agriculture, forestry, fishing, and hunting	11	19,567	2	19,565	0.0	100.0
Mining, extraction, and support activities	21	14,004	16	13,988	0.1	99.9
Utilities	22	2,994	6	2,988	0.2	99.8
Construction	23	635,568	1,562	634,006	0.2	99.8
Wholesale trade	42	241,440	847	240,593	0.4	99.6
Retail trade	44–45	546,067	2,250	543,817	0.4	99.6
Transportation and warehousing	48–49	165,454	835	164,619	0.5	99.5
Information	51	65,445	976	64,469	1.5	98.5
Publishing	511	17,755	358	17,397	2.0	98.0
Newspaper, periodical, book, and directory publishers	5111	9,162	43 r	9,119	0.5 r	99.5
Software publishers	5112	8,589	314	8,275	3.7	96.3
Telecommunications	517	7,319	74 r	7,245	1.0 r	99.0
Data processing, hosting, and related services	518	8,346	252	8,094	3.0	97.0

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Other information	other 51	32,027	293	31,734	0.9	99.1
Finance and insurance	52	198,128	2,166	195,962	1.1	98.9
Real estate and rental and leasing	53	283,276	1,129	282,147	0.4	99.6
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	1,129	280,192	0.4	99.6
Professional, scientific, and technical services	54	717,229	6,050	711,179	0.8	99.2
Legal services	5411	152,543	455	152,088	0.3	99.7
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	964	108,111	0.9	99.1
Architectural, engineering, and related services	5413	87,994	286	87,708	0.3	99.7
Specialized design services	5414	29,258	0	29,258	0.0	100.0
Computer systems design and related services	5415	100,282	2,382	97,900	2.4	97.6
Management, scientific, and technical consulting services	5416	144,421	1,550	142,871	1.1	98.9
Scientific research and development services	5417	11,149	77	11,072	0.7	99.3
Advertising, public relations, and related services	5418	28,236	126	28,110	0.4	99.6
Other professional, scientific, and technical services	5419	54,270	198	54,072	0.4	99.6
Management of companies and enterprises	55	3,153	52 r	3,101	1.6 r	98.4
Administrative and support and waste management and remediation services	56	293,539	920	292,619	0.3	99.7
Educational services	61	57,078	345	56,733	0.6	99.4
Health care and social assistance	62	536,276	2,275	534,001	0.4	99.6
Health care services	621-23	469,939	1,868	468,071	0.4	99.6
Social assistance	624	66,336	410	65,926	0.6	99.4
Arts, entertainment, and recreation	71	89,491	96 r	89,395	0.1 r	99.9
Accommodation and food services	72	455,071	2,595	452,476	0.6	99.4
Other services	81	341,869	1,157	340,712	0.3	99.7

r = relative standard error &gt; 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.