

TABLE CET-25

## Companies performing or funding advanced gas turbine engine technology R&amp;D, by industry: 2021

(Number and percent)

Industry	NAICS code	Companies (number)	Advanced gas turbine engine technologies			
			Number		Percent	
			Yes	No	Yes	No
All industries	11, 21–23, 31–33, 42–81	4,874,928	8,988	4,865,940	0.2	99.8
Manufacturing industries	31–33	209,282	927	208,355	0.4	99.6
Food	311	19,326	7 r	19,319	0.0 r	100.0
Beverage and tobacco products	312	9,354	31 r	9,323	0.3 r	99.7
Textile, apparel, and leather products	313–16	9,443	9 r	9,434	0.1 r	99.9
Wood products	321	9,546	7 r	9,539	0.1 r	99.9
Paper	322	1,500	4	1,496	0.3	99.7
Printing and related support activities	323	20,212	42 r	20,170	0.2 r	99.8
Petroleum and coal products	324	546	1 r	545	0.2 r	99.8
Chemicals	325	7,961	34	7,927	0.4 r	99.6
Pesticide, fertilizer, and other agricultural chemicals	3253	580	3 r	577	0.5 r	99.5
Pharmaceuticals and medicines	3254	1,536	5 r	1,531	0.3 r	99.7
Soap, cleaning compound, and toilet preparation	3256	1,652	3	1,649	0.2	99.8
Other chemicals	other 325	4,194	23	4,171	0.6 r	99.4
Plastics and rubber products	326	7,060	18	7,042	0.3 r	99.7
Nonmetallic mineral products	327	7,290	50 r	7,240	0.7 r	99.3
Primary metals	331	2,079	17 r	2,062	0.8 r	99.2
Fabricated metal products	332	46,128	317	45,811	0.7	99.3
Machinery	333	16,440	77	16,363	0.5	99.5
Computer and electronic products	334	8,527	114	8,413	1.3	98.7
Communications equipment	3342	850	0	850	0.0	100.0
Semiconductor and other electronic components	3344	2,711	32	2,679	1.2 r	98.8
Navigational, measuring, electromedical, and control instruments	3345	3,737	83	3,654	2.2	97.8
Other computer and electronic products	other 334	1,230	0	1,230	0.0	100.0
Electrical equipment, appliances, and components	335	3,925	51	3,874	1.3	98.7
Transportation equipment	336	7,325	78	7,247	1.1	98.9
Automobiles, bodies, trailers, and parts	3361–63	4,494	30 r	4,464	0.7 r	99.3
Aerospace products and parts	3364	1,044	41	1,003	3.9	96.1
Other transportation	other 336	1,787	9 r	1,778	0.5 r	99.5
Furniture and related products	337	12,060	32 r	12,028	0.3 r	99.7
Miscellaneous	339	20,536	27 r	20,509	0.1 r	99.9
Medical equipment and supplies	3391	7,602	0	7,602	0.0	100.0
Other miscellaneous manufacturing	3399	12,933	27 r	12,906	0.2 r	99.8
Nonmanufacturing industries	11, 21–23, 42–81	4,665,645	8,063	4,657,582	0.2	99.8
Agriculture, forestry, fishing, and hunting	11	19,567	24 r	19,543	0.1 r	99.9
Mining, extraction, and support activities	21	14,004	8 r	13,996	0.1 r	99.9
Utilities	22	2,994	40	2,954	1.4 r	98.6
Construction	23	635,568	1,088	634,480	0.2	99.8
Wholesale trade	42	241,440	527	240,913	0.2	99.8
Retail trade	44–45	546,067	995	545,072	0.2	99.8
Transportation and warehousing	48–49	165,454	268	165,186	0.2	99.8
Information	51	65,445	90	65,355	0.1 r	99.9
Publishing	511	17,755	15	17,740	0.1	99.9
Newspaper, periodical, book, and directory publishers	5111	9,162	3	9,159	0.0	100.0
Software publishers	5112	8,589	12	8,577	0.1	99.9
Telecommunications	517	7,319	56 r	7,263	0.8 r	99.2

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Data processing, hosting, and related services	518	8,346	17	8,329	0.2	99.8
Other information	other 51	32,027	3 r	32,024	0.0 r	100.0
Finance and insurance	52	198,128	202	197,926	0.1	99.9
Real estate and rental and leasing	53	283,276	243	283,033	0.1	99.9
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	243	281,078	0.1	99.9
Professional, scientific, and technical services	54	717,229	1,357	715,872	0.2	99.8
Legal services	5411	152,543	200 r	152,343	0.1 r	99.9
Accounting, tax preparation, bookkeeping, and payroll services	5412	109,075	87 r	108,988	0.1 r	99.9
Architectural, engineering, and related services	5413	87,994	261	87,733	0.3	99.7
Specialized design services	5414	29,258	2	29,256	0.0	100.0
Computer systems design and related services	5415	100,282	330	99,952	0.3	99.7
Management, scientific, and technical consulting services	5416	144,421	309	144,112	0.2	99.8
Scientific research and development services	5417	11,149	111	11,038	1.0	99.0
Advertising, public relations, and related services	5418	28,236	44 r	28,192	0.2 r	99.8
Other professional, scientific, and technical services	5419	54,270	15 r	54,255	0.0 r	100.0
Management of companies and enterprises	55	3,153	0	3,153	0.0	100.0
Administrative and support and waste management and remediation services	56	293,539	302	293,237	0.1	99.9
Educational services	61	57,078	4 r	57,074	0.0 r	100.0
Health care and social assistance	62	536,276	837	535,439	0.2	99.8
Health care services	621-23	469,939	645	469,294	0.1	99.9
Social assistance	624	66,336	193 r	66,143	0.3 r	99.7
Arts, entertainment, and recreation	71	89,491	0	89,491	0.0	100.0
Accommodation and food services	72	455,071	1,564	453,507	0.3	99.7
Other services	81	341,869	535	341,334	0.2	99.8

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.