

Table A-1. Companies in the sampling frame and selected for the sample, by industry: 2023

(Number of companies)

Industry	NAICS code	Companies in sampling frame	Companies selected for the sample		
			All companies	Noncertainties	Certainties
All industries	11, 21–23, 31–33, 42–81, 00	5,635,000	330,000	256,000	74,000
Manufacturing industries	31–33	226,000	47,500	26,000	21,500
Food	311	24,000	4,600	2,900	1,800
Beverage and tobacco products	312	10,500	2,400	1,700	700
Textile, apparel, and leather products	313–16	11,500	2,200	1,500	650
Wood products	321	11,000	2,200	1,300	850
Paper	322	2,000	600	150	450
Printing and related support activities	323	20,000	3,200	2,200	1,100
Petroleum and coal products	324	650	200	20	200
Chemicals	325	9,200	3,500	1,500	2,000
Pesticide, fertilizer, and other agricultural chemicals	3253	650	200	90	150
Pharmaceuticals and medicines	3254	2,000	1,000	450	550
Soap, cleaning compound, and toilet preparation	3256	2,100	700	400	300
Other chemicals	other 325	4,500	1,500	550	1,000
Plastics and rubber products	326	7,400	2,100	950	1,100
Nonmetallic mineral products	327	8,100	1,900	1,100	800
Primary metals	331	2,500	1,000	450	550
Fabricated metal products	332	46,500	6,200	3,500	2,700
Machinery	333	17,500	3,800	1,600	2,100
Computer and electronic products	334	8,900	3,600	1,500	2,100
Communications equipment	3342	950	450	150	250
Semiconductor and other electronic components	3344	2,800	1,000	500	550
Navigational, measuring, electromedical, and control instruments	3345	3,800	1,600	550	1,000
Other computer and electronic products	other 334	1,400	550	300	250
Electrical equipment, appliances, and components	335	4,100	1,400	700	700
Transportation equipment	336	8,400	2,600	1,200	1,400
Automobiles, bodies, trailers, and parts	3361–63	5,100	1,400	650	800
Aerospace products and parts	3364	1,200	600	300	300
Other transportation	other 336	2,100	550	300	250
Furniture and related products	337	13,000	2,500	1,500	1,000
Miscellaneous	339	21,000	3,600	2,300	1,300
Medical equipment and supplies	3391	7,400	1,500	850	600
Other miscellaneous manufacturing	3399	13,500	2,100	1,400	700
Nonmanufacturing industries	11, 21–23, 42–81	5,403,000	280,000	228,000	52,500
Agriculture, forestry, fishing and hunting	11	21,000	800	750	70
Mining, extraction, and support activities	21	16,000	2,500	1,600	900
Utilities	22	3,900	1,200	750	450

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Construction	23	744,000	28,500	26,000	2,300
Wholesale trade	42	261,000	21,000	13,000	7,800
Retail trade	44–45	606,000	25,500	22,000	3,200
Transportation and warehousing	48–49	216,000	13,500	11,000	2,100
Information	51	79,000	15,000	9,200	5,700
Publishing	511	21,500	5,200	2,700	2,500
Newspaper, periodical, book, and directory publishers	5111	9,100	1,700	1,300	450
Software publishers	5112	12,500	3,400	1,500	2,000
Telecommunications	517	11,000	2,400	1,600	850
Data processing, hosting, and related services	518	9,900	2,600	1,400	1,200
Other information	other 51	36,500	4,600	3,400	1,200
Finance and insurance	52	226,000	9,300	7,600	1,700
Real estate and rental and leasing	53	345,000	13,000	12,500	700
Lessors of nonfinancial intangible assets (except copyrighted works)	533	2,200	150	90	80
Other real estate and rental and leasing	other 53	343,000	13,000	12,000	600
Professional, scientific, and technical services	54	819,000	62,000	45,000	17,000
Legal services	5411	160,000	7,700	6,900	800
Accounting, tax preparation, bookkeeping, and payroll services	5412	115,000	5,500	5,000	500
Architectural, engineering, and related services	5413	91,000	10,500	6,700	3,900
Specialized design services	5414	35,000	1,500	1,400	70
Computer systems design and related services	5415	119,000	11,500	6,900	4,400
Management, scientific, and technical consulting services	5416	188,000	9,900	8,400	1,600
Scientific research and development services	5417	14,500	8,100	3,400	4,700
Advertising, public relations, and related services	5418	32,500	4,300	3,300	900
Other professional, scientific, and technical services	5419	64,500	3,300	2,900	400
Management of companies and enterprises	55	4,500	200	150	60
Administrative and support and waste management and remediation services	56	350,000	16,000	13,000	3,000
Educational services	61	68,000	2,800	2,700	150
Health care and social assistance	62	596,000	26,500	23,500	3,200
Health care services	621–23	505,000	22,500	19,500	2,700
Social assistance	624	91,000	4,300	3,900	400
Arts, entertainment, and recreation	71	115,000	4,600	4,200	450
Accommodation and food services	72	533,000	24,000	21,000	3,000
Other services	81	400,000	15,000	14,000	550
Unclassified	00	6,100	2,200	2,000	250

NAICS = 2022 North American Industry Classification System.

Note(s):
Certainties were companies with a probability of selection of 1 because they had previously reported R&D costs, had 500 or more employees, were in the Business Enterprise Research and Development Survey sample, or had high payroll or receipts defined by stratum specific cutoffs. Noncertainties are companies with a probability of selection of less than 1.

Source(s):
National Center for Science and Engineering Statistics and Census Bureau, 2024 Annual Business Survey: Data Year 2023.