

Table A-9. Unit response rates, by industry and company size: 2024

(Number and percent)

Industry and company size	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b		Reporting units that met the response criteria and reported domestic R&D paid for by the company and others and performed by the company of \$1 million or more	
			Number	Percent	Number	Percent
All industries	21–23, 31–33, 42–81	42,500	28,000	66	8,000	19
Manufacturing industries	31–33	16,500	11,000	67	4,200	25
Food	311	1,100	700	64	250	23
Beverage and tobacco products	312	400	250	63	40	10
Textile, apparel, and leather products	313–16	450	300	67	60	13
Wood products	321	500	350	70	20	4
Paper	322	250	200	80	40	16
Printing and related support activities	323	750	500	67	20	3
Petroleum and coal products	324	150	90	60	30	20
Chemicals	325	2,100	1,600	76	1,100	52
Basic chemicals	3251	250	200	80	100	40
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	150	100	67	50	33
Pesticide, fertilizer, and other agricultural chemicals	3253	100	70	70	30	30
Pharmaceuticals and medicines	3254	1,100	950	86	800	73
Soap, cleaning compound, and toilet preparations	3256	200	100	50	50	25
Paint, coating, adhesive, and other chemicals	3255, 3259	300	200	67	90	30
Plastics and rubber products	326	900	600	67	150	17
Nonmetallic mineral products	327	450	250	56	40	9
Primary metals	331	400	250	63	60	15
Fabricated metal products	332	2,000	1,400	70	250	13
Machinery	333	1,800	1,200	67	450	25
Agricultural implement	33311	200	150	75	40	20
Semiconductor machinery	333242	70	50	71	30	43
Engine, turbine, and power transmission equipment	3336	100	80	80	30	30
Other machinery	other 333	1,400	950	68	350	25
Computer and electronic products	334	1,600	1,100	69	600	38
Communications equipment	3342	200	150	75	100	50
Semiconductor and other electronic components	3344	450	300	67	200	44
Navigational, measuring, electromedical, and control instruments	3345	700	500	71	250	36
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	200	100	50	70	35
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	150	100	67	50	33
Other measuring and controlling devices	other 3345	400	300	75	150	38
Other computer and electronic products	other 334	200	150	75	80	40
Electrical equipment, appliances, and components	335	550	350	64	150	27
Transportation equipment	336	1,100	750	68	350	32
Motor vehicles, bodies, trailers, and parts	3361–63	600	400	67	200	33
Aerospace products and parts	3364	250	200	80	100	40
Aircraft, aircraft engine, and aircraft parts	336411–13	200	150	75	80	40
Guided missile, space vehicle, and related parts	336414–15, 336419	50	30	60	20	40
Military armored vehicle, tank, and tank components	336992	30	20	67	<i>N < 15</i>	<i>N < 15</i>

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Other transportation	other 336	200	150	75	50	25
Furniture and related products	337	700	450	64	40	6
Miscellaneous	339	1,200	900	75	450	38
Medical equipment and supplies	3391	600	500	83	300	50
Other miscellaneous manufacturing	3399	600	450	75	150	25
Nonmanufacturing industries	21–23, 42–81	26,000	17,000	65	3,900	15
Mining, quarrying, oil and gas extraction, and support activities	21	500	300	60	40	8
Utilities	22	150	150	100	30	20
Wholesale trade	42	4,700	3,100	66	150	3
Electronic shopping and electronic auctions	454111–12	400	250	63	20	5
Transportation and warehousing	48–49	650	400	62	40	6
Information	51	3,400	2,400	71	1,400	41
Publishing	511	1,200	750	63	400	33
Newspaper, periodical, book, and directory publishers	5111	250	150	60	<i>N < 15</i>	<i>N < 15</i>
Software publishers	5112	1,000	600	60	350	35
Telecommunications	517	350	200	57	50	14
Data processing, hosting, and related services	518	1,400	1,100	79	900	64
Other information	other 51	400	250	63	100	25
Finance and insurance	52	1,000	800	80	150	15
Real estate and rental and leasing	53	500	300	60	30	6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	70	40	57	<i>N < 15</i>	<i>N < 15</i>
Other real estate and rental and leasing	other 53	400	250	63	20	5
Professional, scientific, and technical services	54	8,900	5,800	65	1,800	20
Architectural, engineering, and related services	5413	2,300	1,700	74	300	13
Computer systems design and related services	5415	2,800	1,600	57	500	18
Scientific research and development services	5417	2,300	1,400	61	700	30
Research and development in nanotechnology	541713	150	90	60	40	27
Research and development in biotechnology (except nanobiotechnology)	541714	600	300	50	150	25
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	1,400	900	64	500	36
Research and development in the social sciences and humanities	541720	150	100	67	<i>N < 15</i>	<i>N < 15</i>
Other professional, scientific, and technical services	other 54	1,600	1,100	69	250	16
Health care services	621–23	1,800	1,100	61	70	4
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	3,900	2,400	62	200	5
All companies (number of domestic employees)	–	42,500	28,000	66	8,000	19
Small companies						
10–19 ^c	–	8,100	5,300	65	650	8
20–49	–	9,500	6,500	68	1,300	14

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Medium companies						
50–99	–	6,100	4,100	67	1,100	18
100–249	–	6,800	4,400	65	1,600	24
Large companies						
250–499	–	3,900	2,500	64	1,100	28
500–999	–	3,500	2,100	60	800	23
1,000–4,999	–	3,300	2,200	67	1,000	30
5,000–9,999	–	550	400	73	200	36
10,000–24,999	–	400	350	88	200	50
25,000 or more	–	250	200	80	100	40

NAICS = 2017 North American Industry Classification System.

^a Active reporting units are defined as reporting units of active companies that are in the scope of the survey (for-profit companies with locations in the United States, 10 or more employees, business activities in the survey year, and primary business activities in the NAICS codes listed above) after all of the data have been processed. Because of special handling requests made by company respondents, some sampled companies were mailed more than one form. A company having multiple reporting parts for data collection may contribute to the statistics for multiple industries, so detail may not add to total for number of companies.

^b Reporting units were considered to have fulfilled the response criteria if they reported that they performed or funded R&D. If not, a reporting unit fulfilled the response criteria if it reported a value for worldwide sales or domestic sales, or if it reported a positive value for paid worldwide employees or paid domestic employees.

^c The Business Enterprise Research and Development Survey does not include companies with fewer than 10 domestic employees.

Note(s):

Beginning in survey year 2019, these counts and percentages reflect a change in rounding methodology. Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2024.