

TABLE A-9

Unit response rates, by industry and company size: 2020

(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	44,500	30,000	67	7,400	17
Manufacturing industries	31-33	18,000	12,500	69	4,100	23
Food	311	1,100	800	73	200	18
Beverage and tobacco products	312	400	300	75	30	8
Textile, apparel, and leather products	313-16	550	350	64	50	9
Wood products	321	600	400	67	20	3
Paper	322	350	250	71	40	11
Printing and related support activities	323	900	600	67	20	2
Petroleum and coal products	324	150	100	67	30	20
Chemicals	325	2,200	1,700	77	1,000	45
Basic chemicals	3251	300	250	83	100	33
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	200	150	75	50	25
Pesticide, fertilizer, and other agricultural chemicals	3253	150	90	60	30	20
Pharmaceuticals and medicines	3254	1,000	800	80	700	70
Soap, cleaning compound, and toilet preparation	3256	200	150	75	50	25
Paint, coating, adhesive, and other chemicals	3255, 3259	400	250	63	90	23
Plastics and rubber products	326	1,000	700	70	200	20
Nonmetallic mineral products	327	500	350	70	50	10
Primary metals	331	450	300	67	60	13
Fabricated metal products	332	2,100	1,500	71	300	14
Machinery	333	2,000	1,400	70	500	25
Agricultural implement	33311	150	100	67	40	27
Semiconductor machinery	333242	80	50	63	30	38
Engine, turbine, and power transmission equipment	3336	150	100	67	30	20
Other machinery	other 333	1,600	1,100	69	400	25
Computer and electronic products	334	1,700	1,100	65	650	38
Communications equipment	3342	250	150	60	100	40

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Semiconductor and other electronic components	3344	500	300	60	200	40
Navigational, measuring, electromedical, and control instruments	3345	750	500	67	300	40
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	150	100	67	70	47
Search, detection, navigation, guidance, aeronautical, and nautical systems and instruments	334511	100	70	70	40	40
Other measuring and controlling devices	other 3345	450	300	67	150	33
Other computer and electronic products	other 334	200	150	75	80	40
Electrical equipment, appliances, and components	335	600	450	75	200	33
Transportation equipment	336	1,200	800	67	350	29
Motor vehicles, bodies, trailers, and parts	3361-63	650	400	62	200	31
Aerospace products and parts	3364	300	200	67	100	33
Aircraft, aircraft engine, and aircraft parts	336411-13	250	150	60	90	36
Guided missile, space vehicle, and related parts	336414-15, 336419	50	40	80	20	40
Military armored vehicle, tank, and tank component	336992	20	20	100	D	D
Other transportation equipment	other 336	200	150	75	50	25
Furniture and related products	337	800	550	69	50	6
Miscellaneous manufacturing	339	1,300	900	69	400	31
Medical equipment and supplies	3391	550	400	73	250	45
Other miscellaneous	3399	700	500	71	150	21
Nonmanufacturing industries	21-23, 42-81	26,500	17,500	66	3,400	13
Mining, extraction, and support activities	21	600	400	67	30	5
Utilities	22	150	150	100	20	13
Wholesale trade	42	4,800	3,200	67	90	2
Electronic shopping and electronic auctions	454111-12	450	250	56	20	4
Transportation and warehousing	48-49	750	450	60	30	4
Information	51	3,500	2,300	66	1,100	31
Publishing	511	1,200	750	63	300	25
Newspaper, periodical, book, and directory publishers	5111	400	250	63	D	D

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Software publishers	5112	850	500	59	300	35
Telecommunications	517	500	300	60	60	12
Data processing, hosting, and related services	518	1,300	950	73	700	54
Other information	other 51	500	300	60	80	16
Finance and insurance	52	1,100	850	77	100	9
Real estate and rental and leasing	53	500	300	60	D	D
Lessors of nonfinancial intangible assets (except copyrighted works)	533	70	40	57	D	D
Other real estate and rental and leasing	other 53	400	300	75	D	D
Professional, scientific, and technical services	54	8,800	5,900	67	1,600	18
Architectural, engineering, and related services	5413	2,600	2,000	77	350	13
Computer systems design and related services	5415	2,600	1,600	62	450	17
Scientific research and development services	5417	2,000	1,200	60	600	30
Research and development in nanotechnology	541713	90	50	56	20	22
Research and development in biotechnology (except nanobiotechnology)	541714	450	250	56	150	33
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	1,300	850	65	450	35
Research and development in the social sciences and humanities	541720	150	100	67	D	D
Other professional, scientific, and technical services	other 54	1,600	1,100	69	250	16
Health care services	621-23	1,900	1,200	63	70	4
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	3,800	2,600	68	200	5
All companies (number of domestic employees)	-	44,500	30,000	67	7,400	17
Small companies						
10-19 ^c	-	8,000	5,500	69	550	7
20-49	-	10,000	7,100	71	1,200	12
Medium companies						
50-99	-	6,500	4,400	68	1,000	15

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100–249	–	7,400	5,000	68	1,600	22
Large companies						
250–499	–	4,000	2,600	65	950	24
500–999	–	3,600	2,300	64	700	19
1,000–4,999	–	3,500	2,300	66	900	26
5,000–9,999	–	550	400	73	200	36
10,000–24,999	–	450	350	78	150	33
25,000 or more	–	250	200	80	100	40

D = suppressed to ensure confidentiality of individual companies.

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, 2020.