

TABLE A-10. Unit response rates, by industry and survey form type: 2013

Industry	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b	% of reporting units that met the response criteria
All companies				
All industries	21–23, 31–33, 42–81	41,588	30,609	73.6
Manufacturing industries	31–33	18,666	13,880	74.4
Food	311	987	728	73.8
Beverage and tobacco products	312	268	194	72.4
Textile, apparel, and leather products	313–16	689	479	69.5
Wood products	321	650	510	78.5
Paper	322	451	344	76.3
Printing and related support activities	323	786	598	76.1
Petroleum and coal products	324	169	127	75.1
Chemicals	325	2,054	1,560	75.9
Basic chemicals	3251	312	240	76.9
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	219	169	77.2
Pesticide, fertilizer, and other agricultural chemicals	3253	102	65	63.7
Pharmaceuticals and medicines	3254	625	516	82.6
Soap, cleaning compound, and toilet preparation	3256	272	191	70.2
Paint, coating, adhesive, and other chemicals	3255, 3259	524	379	72.3
Plastics and rubber products	326	1,091	826	75.7
Nonmetallic mineral products	327	597	445	74.5
Primary metals	331	512	383	74.8
Fabricated metal products	332	2,011	1,537	76.4
Machinery	333	1,954	1,458	74.6
Agricultural implement	33311	201	138	68.7
Semiconductor machinery	333295	68	46	67.6
Engine, turbine, and power transmission equipment	3336	134	96	71.6
Other machinery	other 333	1,551	1,178	76.0
Computer and electronic products	334	2,024	1,474	72.8
Communications equipment	3342	295	209	70.8
Semiconductor and other electronic components	3344	572	423	74.0
Navigational, measuring, electromedical, and control instruments	3345	869	635	73.1
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	173	122	70.5
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	113	80	70.8
Other measuring and controlling devices	other 3345	583	433	74.3
Other computer and electronic products	other 334	288	207	71.9
Electrical equipment, appliances, and components	335	784	553	70.5
Transportation equipment	336	1,136	867	76.3
Motor vehicles, bodies, trailers, and parts	3361–63	592	470	79.4
Aerospace products and parts	3364	259	198	76.4
Aircraft, aircraft engine, and aircraft parts	336411–13	228	176	77.2
Guided missile, space vehicle, and related parts	336414–15, 336419	31	22	71.0

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Industry	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b	% of reporting units that met the response criteria
Military armored vehicle, tank, and tank components	336992	22	14	63.6
Other transportation equipment	other 336	263	185	70.3
Furniture and related products	337	737	556	75.4
Miscellaneous manufacturing	339	1,766	1,241	70.3
Medical equipment and supplies	3391	746	540	72.4
Other miscellaneous manufacturing	3399	1,020	701	68.7
Nonmanufacturing industries	21-23, 42-81	22,922	16,729	73.0
Mining, extraction, and support activities	21	709	539	76.0
Utilities	22	205	166	81.0
Wholesale trade	42	2,672	1,850	69.2
Electronic shopping and electronic auctions	454111-12	365	253	69.3
Transportation and warehousing	48-49	630	458	72.7
Information	51	2,667	1,968	73.8
Publishing	511	1,090	815	74.8
Newspaper, periodical, book, and directory publishers	5111	451	371	82.3
Software publishers	5112	639	444	69.5
Telecommunications	517	407	299	73.5
Data processing, hosting, and related services	518	714	527	73.8
Other information	other 51	456	327	71.7
Finance and insurance	52	1,036	823	79.4
Real estate and rental and leasing	53	543	412	75.9
Lessors of nonfinancial intangible assets (except copyrighted works)	533	82	64	78.0
Other real estate and rental and leasing	other 53	461	348	75.5
Professional, scientific, and technical services	54	7,674	5,570	72.6
Architectural, engineering, and related services	5413	1,438	1,183	82.3
Computer systems design and related services	5415	2,044	1,407	68.8
Scientific research and development services	5417	2,273	1,476	64.9
Biotechnology research and development	541711	667	427	64.0
Physical, engineering, and life sciences (except biotechnology) research and development	541712	1,397	894	64.0
Social sciences and humanities research and development	541720	209	155	74.2
Other professional, scientific, and technical services	other 54	1,919	1,504	78.4
Health care services	621-23	1,519	1,172	77.2
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	4,902	3,518	71.8
Form BRDI-1 companies				
All industries	21-23, 31-33, 42-81	6,555	5,004	76.3
Manufacturing industries	31-33	3,908	3,133	80.2
Food	311	176	138	78.4
Beverage and tobacco products	312	26	18	69.2

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Industry	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b	% of reporting units that met the response criteria
Textile, apparel, and leather products	313-16	71	61	85.9
Wood products	321	23	19	82.6
Paper	322	49	41	83.7
Printing and related support activities	323	27	24	88.9
Petroleum and coal products	324	23	20	87.0
Chemicals	325	756	632	83.6
Basic chemicals	3251	123	104	84.6
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	58	50	86.2
Pesticide, fertilizer, and other agricultural chemicals	3253	29	23	79.3
Pharmaceuticals and medicines	3254	408	346	84.8
Soap, cleaning compound, and toilet preparation	3256	53	42	79.2
Paint, coating, adhesive, and other chemicals	3255, 3259	85	67	78.8
Plastics and rubber products	326	243	184	75.7
Nonmetallic mineral products	327	59	49	83.1
Primary metals	331	70	52	74.3
Fabricated metal products	332	238	189	79.4
Machinery	333	497	395	79.5
Agricultural implement	33311	43	33	76.7
Semiconductor machinery	333295	31	24	77.4
Engine, turbine, and power transmission equipment	3336	38	29	76.3
Other machinery	other 333	385	309	80.3
Computer and electronic products	334	691	560	81.0
Communications equipment	3342	102	81	79.4
Semiconductor and other electronic components	3344	200	160	80.0
Navigational, measuring, electromedical, and control instruments	3345	284	237	83.5
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	60	49	81.7
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	42	34	81.0
Other measuring and controlling devices	other 3345	182	154	84.6
Other computer and electronic products	other 334	105	82	78.1
Electrical equipment, appliances, and components	335	217	164	75.6
Transportation equipment	336	301	247	82.1
Motor vehicles, bodies, trailers, and parts	3361-63	173	146	84.4
Aerospace products and parts	3364	80	69	86.3
Aircraft, aircraft engine, and aircraft parts	336411-13	68	58	85.3
Guided missile, space vehicle, and related parts	336414-15, 336419	12	11	91.7
Military armored vehicle, tank, and tank components	336992	7	3	42.9
Other transportation equipment	other 336	41	29	70.7
Furniture and related products	337	39	30	76.9
Miscellaneous manufacturing	339	402	310	77.1
Medical equipment and supplies	3391	264	196	74.2

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Other miscellaneous manufacturing	3399	138	114	82.6
Nonmanufacturing industries	21–23, 42–81	2,647	1,871	70.7
Mining, extraction, and support activities	21	46	40	87.0
Utilities	22	43	37	86.0
Wholesale trade	42	123	40	32.5
Electronic shopping and electronic auctions	454111–12	24	14	58.3
Transportation and warehousing	48–49	18	16	88.9
Information	51	620	455	73.4
Publishing	511	276	193	69.9
Newspaper, periodical, book, and directory publishers	5111	12	5	41.7
Software publishers	5112	264	188	71.2
Telecommunications	517	51	38	74.5
Data processing, hosting, and related services	518	216	169	78.2
Other information	other 51	77	55	71.4
Finance and insurance	52	70	53	75.7
Real estate and rental and leasing	53	11	10	90.9
Lessors of nonfinancial intangible assets (except copyrighted works)	533	3	3	100.0
Other real estate and rental and leasing	other 53	8	7	87.5
Professional, scientific, and technical services	54	1,503	1,081	71.9
Architectural, engineering, and related services	5413	175	139	79.4
Computer systems design and related services	5415	414	293	70.8
Scientific research and development services	5417	755	526	69.7
Biotechnology research and development	541711	282	177	62.8
Physical, engineering, and life sciences (except biotechnology) research and development	541712	450	330	73.3
Social sciences and humanities research and development	541720	23	19	82.6
Other professional, scientific, and technical services	other 54	159	123	77.4
Health care services	621–23	34	25	73.5
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	155	100	64.5
Form BRD-1(S) companies				
All industries	21–23, 31–33, 42–81	35,033	25,605	73.1
Manufacturing industries	31–33	14,758	10,747	72.8
Food	311	811	590	72.7
Beverage and tobacco products	312	242	176	72.7
Textile, apparel, and leather products	313–16	618	418	67.6
Wood products	321	627	491	78.3
Paper	322	402	303	75.4
Printing and related support activities	323	759	574	75.6
Petroleum and coal products	324	146	107	73.3

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Industry	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b	% of reporting units that met the response criteria
Chemicals	325	1,298	928	71.5
Basic chemicals	3251	189	136	72.0
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	161	119	73.9
Pesticide, fertilizer, and other agricultural chemicals	3253	73	42	57.5
Pharmaceuticals and medicines	3254	217	170	78.3
Soap, cleaning compound, and toilet preparation	3256	219	149	68.0
Paint, coating, adhesive, and other chemicals	3255, 3259	439	312	71.1
Plastics and rubber products	326	848	642	75.7
Nonmetallic mineral products	327	538	396	73.6
Primary metals	331	442	331	74.9
Fabricated metal products	332	1,773	1,348	76.0
Machinery	333	1,457	1,063	73.0
Agricultural implement	33311	158	105	66.5
Semiconductor machinery	333295	37	22	59.5
Engine, turbine, and power transmission equipment	3336	96	67	69.8
Other machinery	other 333	1,166	869	74.5
Computer and electronic products	334	1,333	914	68.6
Communications equipment	3342	193	128	66.3
Semiconductor and other electronic components	3344	372	263	70.7
Navigational, measuring, electromedical, and control instruments	3345	585	398	68.0
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	113	73	64.6
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	71	46	64.8
Other measuring and controlling devices	other 3345	401	279	69.6
Other computer and electronic products	other 334	183	125	68.3
Electrical equipment, appliances, and components	335	567	389	68.6
Transportation equipment	336	835	620	74.3
Motor vehicles, bodies, trailers, and parts	3361-63	419	324	77.3
Aerospace products and parts	3364	179	129	72.1
Aircraft, aircraft engine, and aircraft parts	336411-13	160	118	73.8
Guided missile, space vehicle, and related parts	336414-15, 336419	19	11	57.9
Military armored vehicle, tank, and tank components	336992	15	11	73.3
Other transportation equipment	other 336	222	156	70.3
Furniture and related products	337	698	526	75.4
Miscellaneous manufacturing	339	1,364	931	68.3
Medical equipment and supplies	3391	482	344	71.4
Other miscellaneous manufacturing	3399	882	587	66.6
Nonmanufacturing industries	21-23, 42-81	20,275	14,858	73.3
Mining, extraction, and support activities	21	663	499	75.3
Utilities	22	162	129	79.6
Wholesale trade	42	2,549	1,810	71.0

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Industry	NAICS code	Active reporting units ^a	Reporting units that met the response criteria ^b	% of reporting units that met the response criteria
Electronic shopping and electronic auctions	454111-12	341	239	70.1
Transportation and warehousing	48-49	612	442	72.2
Information	51	2,047	1,513	73.9
Publishing	511	814	622	76.4
Newspaper, periodical, book, and directory publishers	5111	439	366	83.4
Software publishers	5112	375	256	68.3
Telecommunications	517	356	261	73.3
Data processing, hosting, and related services	518	498	358	71.9
Other information	other 51	379	272	71.8
Finance and insurance	52	966	770	79.7
Real estate and rental and leasing	53	532	402	75.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	79	61	77.2
Other real estate and rental and leasing	other 53	453	341	75.3
Professional, scientific, and technical services	54	6,171	4,489	72.7
Architectural, engineering, and related services	5413	1,263	1,044	82.7
Computer systems design and related services	5415	1,630	1,114	68.3
Scientific research and development services	5417	1,518	950	62.6
Biotechnology research and development	541711	385	250	64.9
Physical, engineering, and life sciences (except biotechnology) research and development	541712	947	564	59.6
Social sciences and humanities research and development	541720	186	136	73.1
Other professional, scientific, and technical services	other 54	1,760	1,381	78.5
Health care services	621-23	1,485	1,147	77.2
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	4,747	3,418	72.0

NAICS = 2007 North American Industry Classification System.

^a Active reporting units are defined as reporting units of active companies that are in scope of the survey (for-profit companies with locations in the United States, five 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. For the calculation of the unit response rates, these reporting units remained disaggregated.

^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 they reported a value for worldwide sales or domestic sales, or if they reported a positive value for paid worldwide employees or paid domestic employees. Form type breakout is based on the status at the time of the initial mailout.

NOTES: Companies were sent the detailed survey form (BRDI-1) if their R&D spending was at least \$1.0 million in 2011 or 2012. All other companies and companies that did not respond in 2011 or 2012 received an abbreviated form (BRD-1(S)).

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2013.