

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
All reporting units				
All industries	21-23, 31-33, 42-81	39,744	30,646	77.1
Manufacturing industries	31-33	18,098	13,941	77.0
Food	311	979	778	79.5
Beverage and tobacco products	312	185	144	77.8
Textile, apparel, and leather products	313-16	661	489	74.0
Wood products	321	633	493	77.9
Paper	322	389	306	78.7
Printing and related support activities	323	787	615	78.1
Petroleum and coal products	324	185	136	73.5
Chemicals	325	1,876	1,431	76.3
Basic chemicals	3251	287	221	77.0
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	241	179	74.3
Pesticide, fertilizer, and other agricultural chemical	3253	104	77	74.0
Pharmaceuticals and medicines	3254	487	384	78.9
Soap, cleaning compound, and toilet preparation	3256	268	190	70.9
Paint, coating, adhesive, and other chemicals	3255, 3259	489	380	77.7
Plastics and rubber products	326	1,095	885	80.8
Nonmetallic mineral products	327	564	437	77.5
Primary metals	331	517	412	79.7
Fabricated metal products	332	2,037	1,624	79.7
Machinery	333	1,882	1,408	74.8
Agricultural implement	33311	220	156	70.9
Semiconductor machinery	333295	62	39	62.9
Engine, turbine, and power transmission equipment	3336	133	99	74.4
Other machinery	other 333	1,467	1,114	75.9
Computer and electronic products	334	2,036	1,503	73.8
Communications equipment	3342	271	177	65.3
Semiconductor and other electronic components	3344	604	457	75.7
Navigational, measuring, electromedical, and control instruments	3345	865	652	75.4
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	163	116	71.2
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	117	88	75.2
Other measuring and controlling device	other 3345	585	448	76.6
Other computer and electronic products	other 334	296	217	73.3
Electrical equipment, appliances, and components	335	752	577	76.7
Transportation equipment	336	1,069	826	77.3
Automobiles, bodies, trailers, and parts	3361-63	560	438	78.2
Aerospace products and parts	3364	229	173	75.5
Aircraft, aircraft engine, and aircraft parts	336411-13	189	141	74.6
Guided missile, space vehicle, and related parts	336414-15, 336419	40	32	80.0
Military armored vehicle, tank, and tank component	336992	28	25	89.3
Other transportation	other 336	252	190	75.4
Furniture and related products	337	731	573	78.4

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
Miscellaneous manufacturing	339	1,720	1,304	75.8
Medical equipment and supplies	3391	777	603	77.6
Other miscellaneous	3399	943	701	74.3
Nonmanufacturing industries	21–23, 42–81	21,646	16,705	77.2
Mining, extraction, and support activities	21	591	461	78.0
Utilities	22	245	196	80.0
Wholesale trade	42	2,669	2,039	76.4
Electronic shopping and electronic auctions	454111–12	379	283	74.7
Transportation and warehousing	48–49	525	415	79.0
Information	51	2,571	1,928	75.0
Publishing	511	1,032	779	75.5
Newspaper, periodical, book, and directory publishers	5111	382	309	80.9
Software publishers	5112	650	470	72.3
Telecommunications	517	405	311	76.8
Data processing, hosting, and related services	518	647	478	73.9
Other information	other 51	487	360	73.9
Finance and insurance	52	886	742	83.7
Real estate and rental and leasing	53	476	365	76.7
Lessors of nonfinancial intangible assets (except copyrighted works)	533	72	58	80.6
Other real estate and rental and leasing	other 53	404	307	76.0
Professional, scientific, and technical services	54	6,981	5,353	76.7
Architectural, engineering, and related services	5413	1,192	999	83.8
Computer systems design and related services	5415	1,790	1,288	72.0
Scientific research and development services	5417	2,345	1,707	72.8
Biotechnology research and development	541711	724	550	76.0
Physical, engineering, and life sciences (except biotechnology) research and development	541712	1,418	1,006	70.9
Social sciences and humanities research and development	541720	203	151	74.4
Other professional, scientific, and technical services	other 54	1,654	1,359	82.2
Health care services	621–23	1,602	1,287	80.3
Other nonmanufacturing	23, 44–45 (excluding 454111–12), 55–56, 624, 71–72, 81	4,721	3,636	77.0
Form BRDI-1 reporting units				
All industries	21–23, 31–33, 42–81	6,846	4,998	73.0
Manufacturing industries	31–33	3,800	2,845	74.9
Food	311	177	131	74.0
Beverage and tobacco products	312	25	21	84.0
Textile, apparel, and leather products	313–16	63	49	77.8
Wood products	321	21	16	76.2
Paper	322	46	36	78.3
Printing and related support activities	323	29	18	62.1
Petroleum and coal products	324	23	17	73.9

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
Chemicals	325	591	461	78.0
Basic chemicals	3251	110	82	74.5
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	46	35	76.1
Pesticide, fertilizer, and other agricultural chemical	3253	21	16	76.2
Pharmaceuticals and medicines	3254	288	229	79.5
Soap, cleaning compound, and toilet preparation	3256	49	35	71.4
Paint, coating, adhesive, and other chemicals	3255, 3259	77	64	83.1
Plastics and rubber products	326	228	175	76.8
Nonmetallic mineral products	327	60	44	73.3
Primary metals	331	70	54	77.1
Fabricated metal products	332	226	172	76.1
Machinery	333	467	345	73.9
Agricultural implement	33311	34	28	82.4
Semiconductor machinery	333295	33	24	72.7
Engine, turbine, and power transmission equipment	3336	44	33	75.0
Other machinery	other 333	356	260	73.0
Computer and electronic products	334	779	561	72.0
Communications equipment	3342	140	93	66.4
Semiconductor and other electronic components	3344	222	161	72.5
Navigational, measuring, electromedical, and control instruments	3345	291	214	73.5
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	61	40	65.6
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	44	37	84.1
Other measuring and controlling device	other 3345	186	137	73.7
Other computer and electronic products	other 334	126	93	73.8
Electrical equipment, appliances, and components	335	212	154	72.6
Transportation equipment	336	301	236	78.4
Automobiles, bodies, trailers, and parts	3361-63	175	140	80.0
Aerospace products and parts	3364	75	58	77.3
Aircraft, aircraft engine, and aircraft parts	336411-13	58	42	72.4
Guided missile, space vehicle, and related parts	336414-15, 336419	17	16	94.1
Military armored vehicle, tank, and tank component	336992	7	6	85.7
Other transportation	other 336	44	32	72.7
Furniture and related products	337	44	31	70.5
Miscellaneous manufacturing	339	438	324	74.0
Medical equipment and supplies	3391	292	215	73.6
Other miscellaneous	3399	146	109	74.7
Nonmanufacturing industries	21-23, 42-81	3,046	2,153	70.7
Mining, extraction, and support activities	21	42	26	61.9
Utilities	22	38	31	81.6
Wholesale trade	42	200	95	47.5
Electronic shopping and electronic auctions	454111-12	16	7	43.8
Transportation and warehousing	48-49	19	17	89.5
Information	51	746	500	67.0

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
Publishing	511	358	238	66.5
Newspaper, periodical, book, and directory publishers	5111	21	13	61.9
Software publishers	5112	337	225	66.8
Telecommunications	517	65	44	67.7
Data processing, hosting, and related services	518	222	148	66.7
Other information	other 51	101	70	69.3
Finance and insurance	52	86	65	75.6
Real estate and rental and leasing	53	13	11	84.6
Lessors of nonfinancial intangible assets (except copyrighted works)	533	8	7	87.5
Other real estate and rental and leasing	other 53	5	4	80.0
Professional, scientific, and technical services	54	1,644	1,227	74.6
Architectural, engineering, and related services	5413	180	148	82.2
Computer systems design and related services	5415	431	286	66.4
Scientific research and development services	5417	872	653	74.9
Biotechnology research and development	541711	343	263	76.7
Physical, engineering, and life sciences (except biotechnology) research and development	541712	503	370	73.6
Social sciences and humanities research and development	541720	26	20	76.9
Other professional, scientific, and technical services	other 54	161	140	87.0
Health care services	621-23	53	38	71.7
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	189	136	72.0
Form BRD-1S reporting units				
All industries	21-23, 31-33, 42-81	32,898	25,648	78.0
Manufacturing industries	31-33	14,298	11,096	77.6
Food	311	802	647	80.7
Beverage and tobacco products	312	160	123	76.9
Textile, apparel, and leather products	313-16	598	440	73.6
Wood products	321	612	477	77.9
Paper	322	343	270	78.7
Printing and related support activities	323	758	597	78.8
Petroleum and coal products	324	162	119	73.5
Chemicals	325	1,285	970	75.5
Basic chemicals	3251	177	139	78.5
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	195	144	73.8
Pesticide, fertilizer, and other agricultural chemical	3253	83	61	73.5
Pharmaceuticals and medicines	3254	199	155	77.9
Soap, cleaning compound, and toilet preparation	3256	219	155	70.8
Paint, coating, adhesive, and other chemicals	3255, 3259	412	316	76.7
Plastics and rubber products	326	867	710	81.9
Nonmetallic mineral products	327	504	393	78.0
Primary metals	331	447	358	80.1

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
Fabricated metal products	332	1,811	1,452	80.2
Machinery	333	1,415	1,063	75.1
Agricultural implement	33311	186	128	68.8
Semiconductor machinery	333295	29	15	51.7
Engine, turbine, and power transmission equipment	3336	89	66	74.2
Other machinery	other 333	1,111	854	76.9
Computer and electronic products	334	1,257	942	74.9
Communications equipment	3342	131	84	64.1
Semiconductor and other electronic components	3344	382	296	77.5
Navigational, measuring, electromedical, and control instruments	3345	574	438	76.3
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	102	76	74.5
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument	334511	73	51	69.9
Other measuring and controlling device	other 3345	399	311	77.9
Other computer and electronic products	other 334	170	124	72.9
Electrical equipment, appliances, and components	335	540	423	78.3
Transportation equipment	336	768	590	76.8
Automobiles, bodies, trailers, and parts	3361-63	385	298	77.4
Aerospace products and parts	3364	154	115	74.7
Aircraft, aircraft engine, and aircraft parts	336411-13	131	99	75.6
Guided missile, space vehicle, and related parts	336414-15, 336419	23	16	69.6
Military armored vehicle, tank, and tank component	336992	21	19	90.5
Other transportation	other 336	208	158	76.0
Furniture and related products	337	687	542	78.9
Miscellaneous manufacturing	339	1,282	980	76.4
Medical equipment and supplies	3391	485	388	80.0
Other miscellaneous	3399	797	592	74.3
Nonmanufacturing industries	21-23, 42-81	18,600	14,552	78.2
Mining, extraction, and support activities	21	549	435	79.2
Utilities	22	207	165	79.7
Wholesale trade	42	2,469	1,944	78.7
Electronic shopping and electronic auctions	454111-12	363	276	76.0
Transportation and warehousing	48-49	506	398	78.7
Information	51	1,825	1,428	78.2
Publishing	511	674	541	80.3
Newspaper, periodical, book, and directory publishers	5111	361	296	82.0
Software publishers	5112	313	245	78.3
Telecommunications	517	340	267	78.5
Data processing, hosting, and related services	518	425	330	77.6
Other information	other 51	386	290	75.1
Finance and insurance	52	800	677	84.6
Real estate and rental and leasing	53	463	354	76.5
Lessors of nonfinancial intangible assets (except copyrighted works)	533	64	51	79.7

TABLE A-10. Unit response rates, by industry and survey form type: 2012

Industry	NAICS code	Active reporting units ^{a, b}	Reporting units that met the response criteria ^c	Reporting units that met the response criteria (%)
Other real estate and rental and leasing	other 53	399	303	75.9
Professional, scientific, and technical services	54	5,337	4,126	77.3
Architectural, engineering, and related services	5413	1,012	851	84.1
Computer systems design and related services	5415	1,359	1,002	73.7
Scientific research and development services	5417	1,473	1,054	71.6
Biotechnology research and development	541711	381	287	75.3
Physical, engineering, and life sciences (except biotechnology) research and development	541712	915	636	69.5
Social sciences and humanities research and development	541720	177	131	74.0
Other professional, scientific, and technical services	other 54	1,493	1,219	81.6
Health care services	621-23	1,549	1,249	80.6
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	4,532	3,500	77.2

NAICS = 2007 North American Industry Classification System.

^a Active reporting units are defined as reporting units that are in scope of the survey (for-profit reporting units 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. Not included in these counts are 56 Form BRD-FED reporting units, which were sent forms for analytical purposes and whose data are not tabulated in any final estimates.

^b Due to special handling requests made by company respondents, some sampled companies are mailed more than one form. For the calculation of the unit response rates, these reporting units remain disaggregated.

^c 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 with \$1 million or more (reported or imputed) for total domestic R&D paid for by the company and others and performed by the company, in any of the prior 5 years of the Business R&D and Innovation Survey, received Form BRDI-1. Other reporting units received Form BRD-1S.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, and U.S. Census Bureau, Business R&D and Innovation Survey, 2012.