

TABLE A-1. Companies in the target population and selected for the sample, by industry and company size: 2008

Industry and company size	NAICS codes	Companies in target population	Companies selected for the sample		
			All companies	Noncertainties	Certainties
All industries	21–23, 31–33, 42, 44–81	1,926,012	39,553	20,350	19,203
Manufacturing industries	31–33	156,170	16,763	7,226	9,537
Food	311	11,621	1,052	435	617
Beverage and tobacco products	312	1,543	261	92	169
Textiles, apparel, and leather products	313–316	8,991	732	379	353
Wood products	321	8,396	681	423	258
Paper, printing, and support activities	322, 323	16,289	934	556	378
Petroleum and coal products	324	601	238	34	204
Chemicals	325	5,807	1,464	407	1,057
Basic chemicals	3251	839	292	52	240
Resin, synthetic rubber, fibers, and filaments	3252	472	216	33	183
Pharmaceuticals and medicines	3254	974	276	43	233
Other chemicals	other 325	3,522	680	279	401
Plastics and rubber products	326	7,549	1,031	405	626
Nonmetallic mineral products	327	6,491	664	351	313
Primary metals	331	2,682	450	176	274
Fabricated metal products	332	31,752	1,677	888	789
Machinery	333	14,605	1,508	679	829
Computer and electronic products	334	7,715	1,971	643	1,328
Computers and peripheral equipment	3341	630	254	49	205
Communications equipment	3342	978	315	78	237
Semiconductor and other electronic components	3344	2,807	612	255	357
Navigational, measuring, electromedical, and control instruments	3345	2,667	562	202	360
Other computer and electronic products	other 334	633	228	59	169
Electrical equipment, appliances, and components	335	3,165	695	224	471
Transportation equipment	336	6,324	998	371	627
Motor vehicles, trailers, and parts	3361–3363	4,037	519	230	289
Aerospace products and parts	3364	846	187	21	166
Other transportation equipment	other 336	1,441	292	120	172
Furniture and related products	337	9,704	791	481	310
Miscellaneous manufacturing	339	12,627	1,459	659	800
Medical equipment and supplies	3391	4,237	582	189	393
Other miscellaneous manufacturing	other 339	8,390	877	470	407
Unclassified		308	157	23	134
Nonmanufacturing industries	21–23, 42, 44–81	1,769,842	22,790	13,124	9,666
Mining, extraction, and support activities	21	8,829	737	309	428
Utilities	22	1,191	343	13	330
Construction	23	243,852	1,552	1,058	494
Wholesale trade	42	133,813	4,403	2,783	1,620
Retail trade	44, 45	240,870	1,669	1,325	344
Transportation and warehousing	48, 49	51,701	568	236	332
Information	51	26,884	2,706	1,080	1,626
Publishing	511	9,750	1,092	448	644
Newspaper, periodical, book, and directory	5111	6,597	435	211	224
Software	5112	3,153	657	237	420
Telecommunications	517	3,525	445	105	340
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	1,763	214	54	160
Satellite telecommunications	5174	148	49	19	30
Other telecommunications	other 517	1,614	182	32	150
Internet service providers, Web search portals, and data processing services	518	4,333	695	284	411
Internet service providers and Web search portals	5181	1,251	266	111	155
Data processing, hosting, and related services	5182	3,082	429	173	256
Other information	other 51	9,276	474	243	231
Finance, insurance, and real estate	52, 53	122,012	1,121	611	510
Professional, scientific, and technical services	54	209,938	5,008	2,446	2,562
Architectural, engineering, and related services	5413	36,467	1,067	655	412
Computer systems design and related services	5415	25,879	1,610	796	814
Scientific R&D services	5417	4,888	1,297	342	955
Other professional, scientific, and technical services	other 54	142,704	1,034	653	381

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			All companies	Noncertainties	Certainties
Health care services	621-623	214,061	1,452	952	500
Other nonmanufacturing ^a	55, 56, 61, 624, 71, 72, 81	515,918	3,021	2,290	731
Unclassified		773	210	21	189
Company size (employees)					
All companies	-	1,926,012	39,553	20,350	19,203
< 5 ^b	-	116,347	1,352	953	399
5-24	-	1,380,034	12,231	10,619	1,612
25-49	-	234,039	5,500	3,659	1,841
50-99	-	109,254	5,566	2,777	2,789
100-249	-	56,486	6,237	1,628	4,609
250-499	-	15,677	3,335	424	2,911
500-999	-	6,965	2,126	161	1,965
1,000-4,999	-	5,575	2,341	93	2,248
5,000-9,999	-	774	404	19	385
10,000-24,999	-	527	286	13	273
25,000 or more	-	334	175	4	171

BRDIS = Business R&D and Innovation Survey; NAICS = 2002 North American Industry Classification System.

^a Estimates for management of companies and enterprises (NAICS 55), formerly shown separately, now are included in Other nonmanufacturing.

^b Category includes companies that are represented on sampling frame as missing or having fewer than five paid employees, but these companies are in scope to BRDIS because they have at least \$250,000 for annual payroll.

NOTES: Estimates of the number of companies in the target population are based on the original sampling frame that was created to select the 2008 BRDIS sample. The estimates in this table do not include 336 R&D performers from the previous year's sample, which were not on the original sampling frame but were found during the survey's annual contact update procedures. These companies were added to the 2008 sample with certainty and are also not reflected in the number of certainties selected for the sample. Certainties are companies whose probability of selection is one based on prior-year R&D expenditures equal to or greater than \$3 million as well as others included in sample for analytical purposes (analytical certainties). Noncertainties are companies whose probability of selection is less than one. Companies that were missing or had incomplete NAICS codes at time of sampling were assigned to "unclassified" industry category temporarily. If unclassified company reported R&D expenditures, its primary industrial activity was investigated, and NAICS code was assigned during statistical processing. Total number reflects time between sample selection and survey mailout; that is, sample was updated before actual mailout took place.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics and U.S. Census Bureau, Business R&D and Innovation Survey, 2008.