

TABLE A-8. Companies in the target population and selected for the sample, by industry and company size: 2007

Industry and company size	NAICS codes	Companies in target population	Companies selected for the sample			Companies with imputed R&D expenditures	
			All companies	Noncertainties	Certainties	Greater than or equal to \$3 million	Less than \$3 million
All industries	21–23, 31–33, 42, 44–81	1,900,724	32,000	18,378	13,622	558	48
Manufacturing industries	31–33	155,464	14,950	7,808	7,142	321	9
Food	311	11,429	817	423	394	7	0
Beverage and tobacco products	312	1,446	227	133	94	2	0
Textiles, apparel, and leather	313–16	9,250	599	363	236	2	1
Wood products	321	8,422	556	414	142	0	0
Paper, printing, and support activities	322, 323	16,371	691	472	219	5	0
Petroleum and coal products	324	562	132	34	98	2	0
Chemicals	325	5,775	1,523	588	935	35	0
Basic chemicals	3251	773	231	44	187	7	0
Resin, synthetic rubber, fibers, and filament	3252	449	219	88	131	0	0
Pharmaceuticals and medicines	3254	997	354	133	221	26	0
Other chemicals	other 325	3,556	719	323	396	2	0
Plastics and rubber products	326	7,660	896	406	490	14	0
Nonmetallic mineral products	327	6,439	436	254	182	3	1
Primary metals	331	2,682	387	190	197	3	1
Fabricated metal products	332	31,096	1,264	679	585	11	0
Machinery	333	14,571	1,517	780	737	33	2
Computer and electronic products	334	7,830	2,021	896	1,125	135	2
Computers and peripheral equipment	3341	687	244	81	163	13	0
Communications equipment	3342	1,024	398	171	227	40	0
Semiconductor and other electronic components	3344	2,852	596	321	275	29	1
Navigational, measuring, electromedical, and control instruments	3345	2,653	599	258	341	47	1
Other computer and electronic products	other 334	614	184	65	119	6	0
Electrical equipment, appliances, and components	335	3,161	730	352	378	17	0
Transportation equipment	336	6,237	1,064	577	487	25	1
Motor vehicles, trailers, and parts	3361–63	4,039	620	354	266	17	1
Aerospace products and parts	3364	834	203	99	104	5	0
Other transportation equipment	other 336	1,364	241	124	117	3	0
Furniture and related products	337	9,576	652	440	212	1	0
Miscellaneous manufacturing	339	12,695	1,346	765	581	26	1
Medical equipment and supplies	3391	4,227	584	303	281	21	0
Other miscellaneous manufacturing	other 339	8,468	762	462	300	5	1
Unclassified		262	92	42	50	0	0

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Nonmanufacturing industries	21–23, 42, 44–81	1,743,145	16,853	10,423	6,430	237	39
Mining, extraction, and support activities	21	8,323	438	306	132	4	0
Utilities	22	1,211	125	17	108	2	0
Construction	23	243,067	1,406	1,020	386	0	0
Wholesale trade	42	131,611	1,629	910	719	10	4
Retail trade	44, 45	241,513	1,247	1,025	222	3	0
Transportation and warehousing	48, 49	51,329	377	218	159	1	0
Information	51	26,718	2,402	1,278	1,124	75	4
Publishing	511	9,931	1,080	548	532	56	0
Newspaper, periodical, book, and directory	5111	6,655	232	134	98	3	0
Software	5112	3,276	848	414	434	53	0
Telecommunications	517	3,404	420	197	223	5	2
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	1,871	227	137	90	1	2
Satellite telecommunications	5174	140	61	3	58	0	0
Other telecommunications	other 517	1,393	132	57	75	4	0
Internet service providers, Web search portals, and data-processing services	518	4,495	505	237	268	8	1
Internet service providers and Web search portals	5181	1,489	155	71	84	0	1
Data-processing, hosting, and related services	5182	3,006	350	166	184	8	0
Other information	other 51	8,888	397	296	101	6	1
Finance, insurance, and real estate	52, 53	125,547	948	550	398	12	0
Professional, scientific, and technical services	54	204,092	4,305	2,112	2,193	121	28
Architectural, engineering, and related services	5413	35,912	824	539	285	18	3
Computer systems design and related services	5415	24,675	1,334	699	635	27	19
Scientific R&D services	5417	4,597	1,260	292	968	68	5
Other professional, scientific, and technical services	other 54	138,908	887	582	305	8	1
Health care services	621–23	206,513	1,202	866	336	0	1
Other nonmanufacturing ^a	56, 61, 624, 71, 72, 81	503,221	2,774	2,121	653	9	2
Unclassified		2,115	197	147	50	0	0

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			All companies	Noncertainties	Certainties	Greater than or equal to \$3 million	Less than \$3 million
Company size (employees)							
All companies	-	1,900,724	32,000	18,378	13,622	558	48
5-24	-	1,471,492	11,253	9,909	1,344	16	10
25-49	-	232,050	4,607	3,370	1,237	39	9
50-99	-	109,345	4,607	2,648	1,959	70	13
100-249	-	57,786	5,037	1,822	3,215	108	6
250-499	-	15,875	2,495	403	2,092	78	3
500-999	-	7,011	1,583	125	1,458	71	2
1,000-4,999	-	5,555	1,690	90	1,600	131	3
5,000-9,999	-	764	313	8	305	23	2
10,000-24,999	-	513	235	3	232	12	0
25,000 or more	-	333	180	0	180	10	0

- = not applicable.

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

NOTES: 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 the sample for analytical purposes (analytical certainties). Noncertainties are companies whose probability of selection is less than one. Companies that were missing or had an incomplete North American Industry Classification System (NAICS) codes at the time of sampling were assigned to an "unclassified" industry category temporarily. If an unclassified company reported R&D expenditures, its primary industrial activity was investigated and a NAICS code was assigned during statistical processing. The total number of "companies selected for the sample" is larger than the number of "companies receiving a questionnaire" in table A-4 because some companies selected for the survey went out of business or were merged with other companies during the time between sample selection and survey mailout; that is, the sample was updated before actual mailout took place. For definitions and more information about year-to-year comparability of the statistics, see technical notes and survey methodology.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2007.