

TABLE 33. Funds for and companies performing industrial R&D in the United States, by industry and company size, by total R&D program size: 2007

(Amount in millions of dollars)

Industry and company size	NAICS codes	R&D program size											
		All companies		Less than \$200,000		\$200,000-\$999,999		\$1 million-\$9.9 million		\$10 million-\$99.9 million		\$100 million or more	
		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
All industries	21-23, 31-33, 42, 44-81	43,419	269,267	17,528	1,137	15,020	7,056	8,889	27,199	1,669	47,704	314	186,171
Manufacturing industries	31-33	18,872	187,477	7,467	503	6,315	2,962	3,941	12,180	919	28,718	230	143,115
Food	311	828	D	D	D	D	D	144	357	26	886	8	1,347
Beverage and tobacco products	312	39	217	14	1	10	3	8	28	7	186	0	0
Textiles, apparel, and leather	313-16	379	806	132	9	D	D	145	253 i	13	270	D	D
Wood products	321	157	D	D	D	34	13	17	42	D	D	0	0
Paper, printing, and support activities	322, 323	797	D	D	D	D	D	62	196	16	403	4	1,891
Petroleum and coal products	324	193	D	D	D	148	73	8	34	D	D	4	1,597
Chemicals	325	2,445	D	D	D	D	D	754	2,689	226	7,646	68	45,040
Basic chemicals	3251	321	3,234	151	11	65	34	71	260	29	1,028	6	1,901
Resin, synthetic rubber, fibers, and filament	3252	221	963	137	8	41	15	D	D	8	277	D	D
Pharmaceuticals and medicines	3254	895	D	D	D	94	46	D	D	157	5,054	54	40,786
Other chemicals	other 325	1,008	3,601	496	31	D	D	D	D	32	1,287	D	D
Plastics and rubber products	326	1,255	D	D	D	493	224	275	654	23	638	D	D
Nonmetallic mineral products	327	406	1,125	275	16	D	D	37	118	18	467	D	D
Primary metals	331	306	896	74	5	D	D	49	152	17	425	D	D
Fabricated metal products	332	1,672	1,709	D	D	594	355	240	556	22	625	D	D
Machinery	333	2,711	9,865	1,182	79	1,037	498	389	1,085	84	2,273	18	5,931
Computer and electronic products	334	3,236	58,599	600	49	1,527	669	771	2,618	262	8,665	76	46,597
Computers and peripheral equipment	3341	229	D	D	D	D	D	80	269	31	1,059	10	5,573
Communications equipment	3342	457	11,654	84	7	145	74	141	528	78	2,447	9	8,598
Semiconductor and other electronic components	3344	637	18,683	104	11	231	107	200	669	72	2,434	30	15,462
Navigational, measuring, electromedical, and control instruments	3345	1,798	20,438	348	26	1,035	434	318	1,035	75	2,532	23	16,410
Other computer and electronic products	other 334	114	D	D	D	D	D	32	116	6	192	4	553 i
Electrical equipment, appliances, and components	335	788	2,708	D	D	232	107	213	743	49	1,412	D	D
Transportation equipment	336	1,265	D	D	D	209	102	D	D	76	2,659	30	35,759
Motor vehicles, trailers, and parts	3361-63	819	D	D	D	122	64	D	D	48	1,935	16	13,428
Aerospace products and parts	3364	242	18,436	144	13	41	17	29	105	19	530	10	17,771
Other transportation equipment	other 336	203	D	D	D	46	21	D	D	9	194	4	4,560
Furniture and related products	337	441	582	D	D	117	48	31	91	10	280	D	D
Miscellaneous manufacturing	339	1,954	6,410	811	43	562	281	508	1,595	62	1,730	12	2,760
Medical equipment and supplies	3391	969	5,176	272	15	233	106	406	1,316	49	1,412	9	2,327
Other miscellaneous manufacturing	other 339	985	1,234	539	28	328	175	102	279	13	318	3	433

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Nonmanufacturing industries	21–23, 42, 44–81	24,547	81,790	10,060	633	8,705	4,094	4,948	15,019	750	18,987	84	43,056
Mining, extraction, and support activities	21	216	1,445	145	9	11	5	49	188	8	196	3	1,047
Utilities	22	43	235	8	1	11	6	18	64	6	164	0	0
Construction	23	538	D	D	D	261	125	18	57	D	D	D	D
Wholesale trade	42	3,648	2,294	2,524	130	729	245	341	786	54	1,132	0	0
Retail trade	44, 45	1,587	2,530	D	D	D	D	277	458	25	493	D	D
Transportation and warehousing	48, 49	281	D	D	D	D	D	12	49	4	112	0	0
Information	51	2,423	D	D	D	D	D	681	2,110	149	4,108	38	22,293
Publishing	511	1,408	20,900	237	29	617	256	429	1,412	100	2,903	25	16,301
Newspaper, periodical, book, and directory	5111	104	D	24	3	48	12	D	D	9	210	D	D
Software	5112	1,305	D	213	26	569	243	D	D	91	2,693	D	D
Telecommunications	517	237	D	D	D	D	D	66	147	19	437	D	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	98	D	D	D	D	D	D	D	11	194	D	D
Satellite telecommunications	5174	4	D	D	D	D	D	D	D	0	0	0	0
Other telecommunications	other 517	135	D	37	5	D	D	48	93	8	243	D	D
Internet service providers, Web search portals, and data-processing services	518	562	D	D	D	D	D	141	405	22	548	5	3,329
Internet service providers and Web search portals	5181	172	2,351	D	D	D	D	D	D	4	70	D	D
Data-processing, hosting, and related services	5182	390	D	65	9	D	D	D	D	18	477	D	D
Other information	other 51	216	593	110	13	D	D	46	146	8	220	D	D
Finance, insurance, and real estate	52, 53	331	2,021	253	21	18	9	29	130	26	780	5	1,081
Professional, scientific, and technical services	54	11,146	40,533	3,171	294	4,300	2,140	3,184	10,332	458	11,522	32	16,245
Architectural, engineering, and related services	5413	1,996	5,882	D	D	D	D	442	1,393	58	1,335	D	D
Computer systems design and related services	5415	4,252	14,407	1,471	150	1,548	896	1,116	3,075	105	2,568	12	7,720
Scientific R&D services	5417	1,851	16,849	110	13	317	193	1,133	3,606	279	7,293	13	5,744
Other professional, scientific, and technical services	other 54	3,047	3,394	D	D	D	D	494	2,258	16	326	D	D
Health care services	621–23	2,849	1,280	D	D	1,310	605	19	65	D	D	D	D
Other nonmanufacturing <sup>a</sup>	55–56, 61, 624, 71–72, 81	1,484	1,857	870	19	D	D	320	781	15	379	D	D

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Company size (employees)													
All companies	-	43,419	269,267	17,528	1,137	15,020	7,056	8,889	27,199	1,669	47,704	314	186,171
5–24	-	21,701	10,854	10,600	683	8,483	3,958	2,589	5,833	27	380	0	0
25–49	-	6,852	7,884	3,039	191	1,988	867	1,742	5,245	83	1,581	0	0
50–99	-	5,960	10,068	2,372	139	2,007	911	1,384	4,942	197	4,076	0	0
100–249	-	4,309	13,354	842	D	1,709	908	1,436	4,292	320	7,738	3	D
250–499	-	1,809	8,258	481	D	469	227	640	2,204	218	5,679	1	D
500–999	-	1,275	14,279	152	12	251	122	610	2,495	238	7,318	24	4,332
1,000–4,999	-	1,039	41,103	31	3	95	55	395	1,766	411	13,972	106	25,306
5,000–9,999	-	211	22,673	8	D	13	D	48	212	98	3,477	45	18,977
10,000–24,999	-	158	45,946	1	D	5	D	27	D	57	2,481	68	43,336
25,000 or more	-	106	94,848	1	D	0	0	17	D	21	1,002	67	93,763

D = suppressed to avoid disclosure of confidential information; i = more than 50% of the value is imputed; – = not applicable.

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

NOTES: Detail does not add to total due to rounding or suppression. The method used to assign industry classifications has changed: industry-specific estimates are not directly comparable with those for years prior to 2004.

Excludes federally funded research and development centers. The R&amp;D in this table is the industrial R&amp;D performed within company facilities funded from all sources. The funds are the company's own; funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments; and funds from the federal government. Excludes R&amp;D performed outside of the company (e.g., R&amp;D performed by other organizations) and R&amp;D performed outside of the 50 U.S. states or DC (e.g., R&amp;D not performed on U.S. soil by foreign subsidiaries or performed by other foreign organizations). 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.