

TABLE 40. Company and other nonfederal funds for industrial R&D performed in the United States, by industry, by company size: 2007

(Millions of dollars)

Industry	NAICS codes	Company size (employees)										
		All companies	5-24	25-49	50-99	100-249	250-499	500-999	1,000-4,999	5,000-9,999	10,000-24,999	25,000 +
All industries	21-23, 31-33, 42, 44-81	242,682	9,183	7,269	9,308	12,090	7,702	13,617	39,816	21,157	44,016	78,523
Manufacturing industries	31-33	169,307	3,160	2,918	3,213	5,565	4,558	9,371	29,172	13,035	36,943	61,372
Food	311	2,722	16	43	37	92	124	88	386	164	1,085	687
Beverage and tobacco products	312	217	1	1	*	1	D	0	55	69	D	0
Textiles, apparel, and leather	313-16	796	5	D	16	D	34	51	180	D	318	D
Wood products	321	202	0	4	2	14	D	D	64	57 i	D	0
Paper, printing, and support activities	322, 323	2,596	22	28	35	45	65	68	168	115	339	1,710
Petroleum and coal products	324	1,718	3	63	4	10	3	D	21	0	D	D
Chemicals	325	55,319	1,153	1,566	1,410	1,359	921	3,489	8,587	3,332	18,874	14,628
Basic chemicals	3251	3,158	8	D	28	D	61	194	D	D	411	D
Resin, synthetic rubber, fibers, and filament	3252	951	13	18	11	33	21	37	D	0	0	D
Pharmaceuticals and medicines	3254	47,624	1,076	D	1,271	1,120	689	3,181	6,231	D	17,336	D
Other chemicals	other 325	3,587	57	D	100	D	151	78	D	D	1,127	D
Plastics and rubber products	326	2,072	15	D	105	246	149	D	446	230	D	D
Nonmetallic mineral products	327	1,112	1	D	19	17	33	45	279	48 i	D	0
Primary metals	331	886	2 i	5	11	D	D	D	305	D	D	D
Fabricated metal products	332	1,594	145	44	82	318	176	105	384	257	84	0
Machinery	333	9,796	204	159	267	498	527	472	2,075	1,499	1,412	2,682
Computer and electronic products	334	49,760	665	563	823	1,741	1,604	3,075	11,295	4,681 i	10,206	15,107
Computers and peripheral equipment	3341	6,869	45	56	106	127	D	520	1,573	1,397	D	D
Communications equipment	3342	11,435	63	112	156	791	D	789	2,222	0	D	D
Semiconductor and other electronic components	3344	18,315	169	185	D	343	D	1,129 i	4,767	1,917 i	4,418	D
Navigational, measuring, electromedical, and control instruments	3345	12,262	376	192	D	456	D	566	2,328	1,367	1,673	4,607
Other computer and electronic products	other 334	879	12	17	31	23	D	71	405 i	0	D	0
Electrical equipment, appliances, and components	335	2,617	326	53	61	180	256	299	757	78	606	0
Transportation equipment	336	30,974	104	169	119	439	296	578	2,108	1,479	1,401	24,282
Motor vehicles, trailers, and parts	3361-63	16,034	D	149	103	D	D	430	1,590	D	D	D
Aerospace products and parts	3364	13,397	D	14	12	D	38	109	313	165	D	12,332
Other transportation equipment	other 336	1,543	73	5	5	D	D	38	204	D	D	D
Furniture and related products	337	581	2	D	19	D	19	D	74	D	133	D

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Miscellaneous manufacturing	339	6,344	495	D	200	359	D	790	1,988	837	1,046	D
Medical equipment and supplies	3391	5,116	369	D	130	266	D	709	1,440	D	1,046	D
Other miscellaneous manufacturing	other 339	1,228	126	D	71	93	D	81	547	D	0	0
Nonmanufacturing industries	21-23, 42, 44-81	73,375	6,023	4,351	6,095	6,525	3,143	4,246	10,645	8,122	7,073	17,151
Mining, extraction, and support activities	21	1,436	89	24	D	7	D	22	D	114	D	D
Utilities	22	200	D	D	D	D	D	3	41	45	D	D
Construction	23	386	D	D	D	125	D	D	22	142	D	0
Wholesale trade	42	2,277	417	156	266	484	D	170	D	0	D	0
Retail trade	44, 45	2,517	389	D	11	D	D	D	43	D	D	175
Transportation and warehousing	48, 49	166	D	0	1	D	D	22	8	D	37	74
Information	51	28,767	608	D	D	1,189	847	1,211	5,104	4,761	4,223	9,512
Publishing	511	20,878	D	302	D	D	D	943	4,694	D	D	D
Newspaper, periodical, book, and directory	5111	1,245	D	3	D	D	5	27	D	494	D	D
Software	5112	19,634	D	299	D	D	D	916	D	D	D	D
Telecommunications	517	3,107	117	20	D	D	D	D	D	D	D	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	2,320	D	10	D	118	D	D	D	D	D	D
Satellite telecommunications	5174	D	D	0	D	0	0	0	0	0	0	0
Other telecommunications	other 517	D	D	9	D	D	D	D	D	0	D	D
Internet service providers, Web search portals, and data-processing services	518	4,190	119	118	129	D	144	113	165	D	D	D
Internet service providers and Web search portals	5181	2,351	D	22	D	D	17	D	D	D	D	0
Data-processing, hosting, and related services	5182	1,838	D	96	D	D	126	D	D	D	0	D
Other information	other 51	593	D	D	96	18	D	D	D	0	D	D
Finance, insurance, and real estate	52, 53	2,021	20	1	D	27	84	82	474	281	116	D
Professional, scientific, and technical services	54	32,924	3,699	3,306	4,851	4,531	1,403	2,338	4,534	1,802	1,143	5,318
Architectural, engineering, and related services	5413	3,997	D	466	D	364	136	223	1,431	129	D	D
Computer systems design and related services	5415	13,603	1,307	1,019	D	1,365	637	659	1,741	D	D	D
Scientific R&D services	5417	12,017	1,041	1,583	2,458	2,720	569	824	1,279	D	0	D

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Other professional, scientific, and technical services	other 54	3,307	D	238	1,515	81	60	632	83	D	D	D
Health care services	621-23	1,274	642	11	14	36	D	D	D	D	D	D
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	1,406	149	D	44	85	D	64	185	D	D	D

* = amount < \$500,000; D = suppressed to avoid disclosure of confidential information; i = more than 50% of the value is imputed.

^a 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. Energy R&D data are collected only on Form RD-1, the questionnaire sent to larger R&D-performing companies. Consequently, the universe of companies that performs energy R&D may not be represented by the statistics in this table. The R&D in this table is the industrial R&D performed within company facilities funded from all sources except the federal government. The funds are predominantly the company's own but also include funds from outside organizations, such as other companies, research institutions, universities and colleges, nonprofit organizations, and state governments. Excludes R&D performed outside of the company (e.g., R&D performed by other organizations) and R&D performed outside of the 50 U.S. states and DC (e.g., R&D not performed on U.S. soil by foreign subsidiaries or 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.