

TABLE 34. 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	269,267	10,854	7,884	10,068	13,354	8,258	14,279	41,103	22,673	45,946	94,848
Manufacturing industries	31-33	187,477	3,448	D	3,303	5,727	4,665	D	30,191	D	D	D
Food	311	D	16	43	37	D	D	88	386	164	D	D
Beverage and tobacco products	312	217	1	1	*	1	D	0	55	69	D	0
Textiles, apparel, and leather	313-16	806	5	D	D	D	D	51	180	D	D	D
Wood products	321	D	0	4	2	14	D	D	64	D	D	0
Paper, printing, and support activities	322, 323	D	22	28	35	45	65	68	168	115	339	D
Petroleum and coal products	324	D	3	63	4	10 i	3	D	21	0	D	D
Chemicals	325	D	1,300	1,579	1,419	1,381	925	3,526	8,658	D	D	D
Basic chemicals	3251	3,234	8	D	D	D	D	194	D	D	D	D
Resin, synthetic rubber, fibers, and filament	3252	963	D	18	D	D	21	37	D	0	0	D
Pharmaceuticals and medicines	3254	D	1,221	D	1,274	D	D	D	D	D	D	D
Other chemicals	other 325	3,601	D	D	D	D	D	D	D	D	D	D
Plastics and rubber products	326	D	15	D	105	D	149	D	D	230	D	D
Nonmetallic mineral products	327	1,125	1	D	D	D	33	D	D	48 i	D	0
Primary metals	331	896	2	D	11	D	D	D	D	D	D	D
Fabricated metal products	332	1,709	D	46	82	D	D	D	D	257	D	0
Machinery	333	9,865	D	D	271	D	D	D	2,092	D	D	D
Computer and electronic products	334	58,599	752	680	873	1,830	1,629	D	11,575	D	D	D
Computers and peripheral equipment	3341	D	D	57	D	127	D	D	D	1,397	D	D
Communications equipment	3342	11,654	63	134	D	D	D	882	D	0	D	D
Semiconductor and other electronic components	3344	18,683	183	190	D	D	D	D	D	D	4,418	D
Navigational, measuring, electromedical, and control instruments	3345	20,438	446	282	D	523	D	D	2,474	D	D	D
Other computer and electronic products	other 334	D	D	17	31	23	D	71	405 i	0	D	0
Electrical equipment, appliances, and components	335	2,708	D	59	61	214	278	313	D	D	606	0
Transportation equipment	336	D	117	173	129	444	336	D	D	D	D	D
Motor vehicles, trailers, and parts	3361-63	D	D	153	103	D	D	D	D	D	D	D
Aerospace products and parts	3364	18,436	D	15	21	D	D	D	D	D	D	15,759
Other transportation equipment	other 336	D	73	5	5	D	D	D	D	D	D	D
Furniture and related products	337	582	2	D	19	D	19	D	74	D	133	D
Miscellaneous manufacturing	339	6,410	534	D	209	362	D	D	1,988	D	D	D

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Medical equipment and supplies	3391	5,176	D	D	136	D	D	D	1,440	D	D	D
Other miscellaneous manufacturing	other 339	1,234	D	D	73	D	D	81	547	D	0	0
Nonmanufacturing industries	21-23, 42, 44-81	81,790	7,406	D	6,765	7,626	3,593	D	10,912	D	D	D
Mining, extraction, and support activities	21	1,445	89	24	D	7	D	22	D	D	D	D
Utilities	22	235	D	D	D	D	D	3	41	D	D	D
Construction	23	D	D	D	D	125	D	D	D	D	D	0
Wholesale trade	42	2,294	417	D	D	484	D	170	D	0	D	0
Retail trade	44, 45	2,530	401	D	11	D	D	D	43	D	D	175
Transportation and warehousing	48, 49	D	D	0	1	D	D	22	8	D	37	D
Information	51	D	D	D	D	1,202	D	1,211	5,107	4,761	4,223	D
Publishing	511	20,900	D	304	D	D	D	943	4,697	D	D	D
Newspaper, periodical, book, and directory	5111	D	D	3	D	D	5	27	D	494	D	D
Software	5112	D	D	300	D	D	D	916	D	D	D	D
Telecommunications	517	D	117	20	D	D	D	D	D	D	D	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	D	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	D	119	118	129	D	D	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	D	D	96	D	D	D	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	40,533	4,631	D	5,504	5,617	D	D	4,785	D	D	D
Architectural, engineering, and related services	5413	5,882	1,007	511	D	605	D	241	D	D	D	D
Computer systems design and related services	5415	14,407	D	1,081	D	1,450	D	D	D	D	D	D
Scientific R&D services	5417	16,849	D	1,924	D	3,444	800	1,048	D	D	0	D

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Other professional, scientific, and technical services	other 54	3,394	D	D	1,533	118	D	632	D	D	D	D
Health care services	621-23	1,280	D	11	D	D	D	D	D	D	D	D
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	1,857	584	D	44	D	D	D	D	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. Excludes federally funded research and development centers. The R&D in this table is the industrial R&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&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 or 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.