

TABLE 4. Funds for industrial R&D performed in the United States, by industry, by company size: 2006

(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	247,669	7,207	D	9,064	13,306	D	13,360	37,866	20,434	37,865	92,925
Manufacturing industries	31-33	171,814	1,883	D	2,218	4,491	4,860	D	27,705	14,259	30,174	D
Food	311	2,720	7	2	32	D	97	90	357	255	D	D
Beverage and tobacco products	312	547 i	*	D	*	2	D	D	62	D	D	0
Textiles, apparel, and leather	313-16	594	8	D	6	D	D	D	206	D	D	D
Wood products	321	195	2	D	2	D	9	D	D	D	D	0
Paper, printing, and support activities	322, 323	D	15	D	36	86	31	54	150	115	348	D
Petroleum and coal products	324	1,432	D	4	6	11	D	D	16 i	0	D	D
Chemicals	325	46,329	D	399	417	1,222	1,032	2,819	7,377	D	D	D
Basic chemicals	3251	2,152	15	D	48	D	D	D	D	D	D	0
Resin, synthetic rubber, fibers, and filament	3252	1,975	D	9	17	D	D	D	D	0	D	D
Pharmaceuticals and medicines	3254	38,901	D	307	D	972	D	D	D	1,712	D	D
Other chemicals	other 325	3,300	D	D	D	D	D	D	D	D	1,120	D
Plastics and rubber products	326	2,245	D	D	D	137	224	D	D	D	D	D
Nonmetallic mineral products	327	1,014	D	65	56	16	D	D	D	D	D	0
Primary metals	331	651	7	D	13	16	36	D	218	D	D	D
Fabricated metal products	332	1,499	236	D	121	172	D	D	D	154	D	D
Machinery	333	9,848	D	330	237	510	561	416	1,903	D	D	D
Computer and electronic products	334	56,773	505	D	784	1,487	1,810	D	11,076	6,763	5,731	D
Computers and peripheral equipment	3341	D	47	48	D	D	111	D	2,150	D	D	D
Communications equipment	3342	D	90	98	D	D	632	D	D	D	0	D
Semiconductor and other electronic components	3344	18,888	D	237	D	327	D	D	D	D	D	D
Navigational, measuring, electromedical, and control instruments	3345	18,300	174	D	235	518	D	D	D	D	2,311	D
Other computer and electronic products	other 334	D	D	14	47	32	44	90	D	D	D	0
Electrical equipment, appliances, and components	335	2,281	D	83	D	181	303	D	D	88	553	0
Transportation equipment	336	D	69	49	86	199	D	D	D	D	D	D
Motor vehicles, trailers, and parts	3361-63	D	41	22	D	109	D	D	D	D	D	D
Aerospace products and parts	3364	16,367	21	19	D	D	D	D	D	D	D	14,385
Other transportation equipment	other 336	D	7	9	D	D	25	50	190	D	D	D
Furniture and related products	337	D	4	D	7	34	D	D	D	103	78	D
Miscellaneous manufacturing	339	5,150	D	349	175	299	272	D	D	D	D	0

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Medical equipment and supplies	3391	4,098	D	D	D	D	195	D	D	D	D	0
Other miscellaneous manufacturing	other 339	1,052	D	D	D	D	78	D	494	D	0	0
Nonmanufacturing industries	21-23, 42, 44-81	75,855	5,324	D	6,845	8,815	D	D	10,160	6,174	7,691	D
Mining, extraction, and support activities	21	D	D	D	D	D	21	6	79	D	D	D
Utilities	22	248	D	3	D	0	D	57	32	D	66	D
Construction	23	1,379	65	D	D	D	10	D	D	D	D	0
Wholesale trade	42	2,072	D	D	D	528	D	158	73	0	0	0
Retail trade	44, 45	D	29	3	D	11	43	D	D	D	D	163
Transportation and warehousing	48, 49	D	D	0	D	D	D	D	8	D	29	D
Information	51	26,883	D	532	D	D	D	1,206	D	4,320	3,918	D
Publishing	511	D	D	345	D	D	740	D	D	D	D	D
Newspaper, periodical, book, and directory	5111	D	D	2	12	35	18	D	D	D	D	D
Software	5112	D	D	343	D	D	722	D	D	D	D	D
Telecommunications	517	D	62	8	72	142	D	D	171 i	D	D	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	D	61	D	D	42 i	39	D	D	D	D	D
Satellite telecommunications	5174	D	D	D	D	0	0	0	D	0	0	0
Other telecommunications	other 517	D	D	D	D	100	D	D	D	0	D	D
Internet service providers, Web search portals, and data-processing services	518	4,029	115	130	D	D	D	D	334	D	D	D
Internet service providers and Web search portals	5181	D	39	D	D	D	D	D	0	D	0	0
Data-processing, hosting, and related services	5182	D	76	D	D	D	D	D	334	D	D	D
Other information	other 51	732	D	50	D	37	D	D	29	0	D	D
Finance, insurance, and real estate	52, 53	1,969	25	D	D	237	83	237	360	D	D	D
Professional, scientific, and technical services	54	38,049	4,120	D	5,130	D	D	2,282	4,344	D	D	D
Architectural, engineering, and related services	5413	6,579	D	D	774	1,073	D	313	D	D	D	D
Computer systems design and related services	5415	14,841	D	1,139	D	1,920	D	D	D	D	D	D
Scientific R&D services	5417	14,525	D	D	2,283	D	D	D	D	D	0	D

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Other professional, scientific, and technical services	other 54	2,105	D	D	D	246	43	35	D	D	D	D
Health care services	621-23	992	176	6	D	16	D	D	D	D	D	D
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	1,479	130	90	D	65	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 other R&D performed outside of the company (e.g., R&D performed by 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: 2006.