

TABLE 17. Federal 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	24,304	1,121	D	704	1,206	D	878	1,847	657	1,816	14,843
Manufacturing industries	31-33	16,584	184	D	129	97	133	D	692	632	1,762	D
Food	311	4	0	0	0	D	*	0	0	0	D	D
Beverage and tobacco products	312	0	0	0	0	0	0	0	0	0	0	0
Textiles, apparel, and leather	313-16	11	6	D	0	D	D	D	0	0	0	0
Wood products	321	2	2	0	0	D	0	0	D	D	0	0
Paper, printing, and support activities	322, 323	D	0	D	0	0	0	0	0	0	0	D
Petroleum and coal products	324	1	D	0	0	0	0	0	0	0	0	D
Chemicals	325	211	D	32	17	17	5	16	67	D	D	D
Basic chemicals	3251	98	0	D	17	D	0	0	D	D	D	0
Resin, synthetic rubber, fibers, and filament	3252	13	0	*	0	D	D	0	0	0	D	D
Pharmaceuticals and medicines	3254	88	D	26	D	16	D	D	D	0	D	0
Other chemicals	other 325	12	D	D	D	D	D	D	0	D	0	0
Plastics and rubber products	326	27	0	D	D	3	0	D	D	0	0	0
Nonmetallic mineral products	327	78	4	33	39	0	0	D	D	0	D	0
Primary metals	331	13	0	D	*	0	0	D	0	D	0	D
Fabricated metal products	332	67 i	3	1	0	18	D	D	D	0	D	0
Machinery	333	106	D	4	2	6	16	7	23	D	D	D
Computer and electronic products	334	8,522	77	D	40	28	35	D	296	393	1,111	D
Computers and peripheral equipment	3341	D	1	1	D	D	0	D	0	0	0	0
Communications equipment	3342	D	2	7	D	D	20	D	D	0	0	D
Semiconductor and other electronic components	3344	354	D	12	8	11	D	11	D	D	0	D
Navigational, measuring, electromedical, and control instruments	3345	7,860	64	D	15	16	D	D	D	D	1,111	D
Other computer and electronic products	other 334	D	D	0	0	0	0	0	D	0	0	0
Electrical equipment, appliances, and components	335	66	D	1	D	15	38	D	D	0	0	0
Transportation equipment	336	D	*	4	20	5	D	D	D	D	D	D
Motor vehicles, trailers, and parts	3361-63	D	0	0	D	0	D	D	D	D	D	D
Aerospace products and parts	3364	4,372	*	4	15	D	D	D	D	D	D	3,316
Other transportation equipment	other 336	D	0	0	D	D	0	0	0	0	D	D
Furniture and related products	337	D	0	0	0	0	0	0	D	0	0	0
Miscellaneous manufacturing	339	114	D	8	11	3	3	D	D	D	D	0
Medical equipment and supplies	3391	101	D	D	D	D	3	D	D	D	D	0
Other miscellaneous manufacturing	other 339	14	D	D	D	D	0	D	0	0	0	0

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Nonmanufacturing industries	21-23, 42, 44-81	7,719	936	D	575	1,108	D	D	1,156	25	53	D
Mining, extraction, and support activities	21	D	0	0	D	0	0	0	0	D	D	D
Utilities	22	34	0	0	0	0	D	0	0	D	0	D
Construction	23	12	0	0	D	0	0	D	D	D	D	0
Wholesale trade	42	18	D	D	D	2	D	0	0	0	0	0
Retail trade	44, 45	D	0	0	D	0	0	D	0	0	0	0
Transportation and warehousing	48, 49	D	0	0	0	0	0	0	0	0	0	D
Information	51	136	D	14	D	D	D	0	D	0	0	D
Publishing	511	D	D	14	4	D	0	0	D	0	0	0
Newspaper, periodical, book, and directory	5111	D	D	0	0	0	0	0	0	0	0	0
Software	5112	D	1	14	4	D	0	0	D	0	0	0
Telecommunications	517	D	0	0	0	0	0	0	0	0	0	D
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	D	0	0	0	0	0	0	0	0	0	D
Satellite telecommunications	5174	0	0	0	0	0	0	0	0	0	0	0
Other telecommunications	other 517	0	0	0	0	0	0	0	0	0	0	0
Internet service providers, Web search portals, and data-processing services	518	93	0	0	D	D	D	0	0	0	0	D
Internet service providers and Web search portals	5181	0	0	0	0	0	0	0	0	0	0	0
Data-processing, hosting, and related services	5182	93	0	0	D	D	D	0	0	0	0	D
Other information	other 51	*	0	0	*	0	0	0	0	0	0	0
Finance, insurance, and real estate	52, 53	0	0	0	0	0	0	0	0	0	0	0
Professional, scientific, and technical services	54	7,438	895	D	551	D	D	649	1,141	D	D	D
Architectural, engineering, and related services	5413	1,714	D	D	104	314	102	100	D	D	D	0
Computer systems design and related services	5415	1,011	D	115	D	37	77	D	D	0	D	D
Scientific R&D services	5417	4,495	D	D	344	D	D	D	D	0	0	D

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Other professional, scientific, and technical services	other 54	219	10	D	D	140	0	0	D	0	0	D
Health care services	621-23	37	27	0	*	2	D	D	D	0	0	0
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	34	11	0	4	0	D	D	D	0	0	0

* = 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 by the federal government. Excludes R&D not performed within the company (e.g., R&D contracted out to other organizations) and R&D not performed within 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: 2006.