

TABLE 54. Federal funds for industrial R&D and as a percent of net sales of the top 20 companies performing federally funded industrial R&D in the United States, by industry and company size, ranked by federally funded R&D program size: 2007

Industry and company size	NAICS codes	Federal R&D funds (\$millions)			% of net sales		
		First 4 companies	Next 4 companies	Next 12 companies	First 4 companies	Next 4 companies	Next 12 companies
All industries	21–23, 31–33, 42, 44–81	11,982	3,647	4,083	14.4	18.8	2.0
Manufacturing industries	31–33	10,888	2,611	2,969	12.9	1.9	3.8
Food	311	D	0	0	0.0	0.0	0.0
Beverage and tobacco products	312	0	0	0	0.0	0.0	0.0
Textiles, apparel, and leather	313–16	10	D	0	0.2	1.5	0.0
Wood products	321	D	0	0	0.0	0.0	0.0
Paper, printing, and support activities	322, 323	D	0	0	0.0	0.0	0.0
Petroleum and coal products	324	D	0	0	0.0	0.0	0.0
Chemicals	325	100	42	53	1.3	0.1	0.1
Basic chemicals	3251	63	12	2	0.3	0.2	0.1
Resin, synthetic rubber, fibers, and filament	3252	12	*	0	0.1	0.0	0.0
Pharmaceuticals and medicines	3254	74	23	18	0.3	0.2	3.8
Other chemicals	other 325	12	2	*	0.1	0.5	0.1
Plastics and rubber products	326	D	D	0	1.0	0.2	0.0
Nonmetallic mineral products	327	11 i	1	D	5.8	0.2	0.0
Primary metals	331	10	*	0	0.0	0.0	0.0
Fabricated metal products	332	113	1	*	1.8	0.4	0.1
Machinery	333	45	13	9	0.2	0.3	0.1
Computer and electronic products	334	7,146	825	449	13.4	4.5	1.4
Computers and peripheral equipment	3341	73	1	0	14.4	3.0	0.0
Communications equipment	3342	183	25	7	17.2	0.1	0.9
Semiconductor and other electronic components	3344	287	26	34	11.6	7.0	1.4
Navigational, measuring, electromedical, and control instruments	3345	7,146	659	162	13.4	3.8	0.4
Other computer and electronic products	other 334	D	0	0	49.0	0.0	0.0
Electrical equipment, appliances, and components	335	58	18	7	5.3	3.3	0.2
Transportation equipment	336	6,352	1,576	586	6.2	1.6	0.2
Motor vehicles, trailers, and parts	3361–63	67	21	4	0.0	0.0	0.0
Aerospace products and parts	3364	3,710	1,178	141	2.3	8.0	0.2
Other transportation equipment	other 336	D	D	0	6.3	0.2	0.0
Furniture and related products	337	*	0	0	2.1	0.0	0.0
Miscellaneous manufacturing	339	22	5	5	12.3	1.0	1.4
Medical equipment and supplies	3391	21	3	2	3.2	1.5	0.2
Other miscellaneous manufacturing	other 339	5	1	0	23.2	1.1	0.0

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Nonmanufacturing industries	21–23, 42, 44–81	3,662	403	635	17.3	72.7	1.7
Mining, extraction, and support activities	21	9	0	0	0.0	0.0	0.0
Utilities	22	35	0	0	0.2	0.0	0.0
Construction	23	D	0	0	0.2	0.0	0.0
Wholesale trade	42	D	D	0	31.3	0.1	0.0
Retail trade	44, 45	*	0	0	5.8	0.0	0.0
Transportation and warehousing	48, 49	D	0	0	0.0	0.0	0.0
Information	51	255	6	6	0.2	2.0	0.5
Publishing	511	15	3	2	5.5	0.3	2.2
Newspaper, periodical, book, and directory	5111	D	0	0	32.8	0.0	0.0
Software	5112	15	3	2	5.5	0.3	2.0
Telecommunications	517	D	0	0	0.0	0.0	0.0
Wired and wireless (except satellite)							
telecommunications carriers	5171, 5172	D	0	0	0.0	0.0	0.0
Satellite telecommunications	5174	0	0	0	0.0	0.0	0.0
Other telecommunications	other 517	0	0	0	0.0	0.0	0.0
Internet service providers, Web search portals, and data-processing services	518	D	0	0	2.1	0.0	0.0
Internet service providers and Web search portals	5181	0	0	0	0.0	0.0	0.0
Data-processing, hosting, and related services	5182	D	0	0	2.1	0.0	0.0
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
Professional, scientific, and technical services	54	3,567	350	599	34.5	41.0	1.6
Architectural, engineering, and related services	5413	1,160	139	157	60.0	3.6	8.0
Computer systems design and related services	5415	252	63	103	0.7	22.0	1.1
Scientific R&D services	5417	2,700	232	332	29.4	87.1	63.0
Other professional, scientific, and technical services	other 54	58	12	4	8.3	24.0	0.0
Health care services	621–23	4	2	*	0.5	1.0	0.2
Other nonmanufacturing ^a	55, 56, 61, 624, 71, 72, 81	18	2	0	2.3	0.5	0.0

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		First 4 companies	Next 4 companies	Next 12 companies	First 4 companies	Next 4 companies	Next 12 companies
Company size (employees)							
All companies	-	11,982	3,647	4,083	14.4	18.8	2.0
5-24	-	28	20	41	98.9	98.9	100.9
25-49	-	50	32	76	85.7	101.3	87.9
50-99	-	66	51	129	86.1	88.6	80.6
100-249	-	307	122	235	76.4	65.5	66.0
250-499	-	224	135	142	71.7	69.0	11.6
500-999	-	346	140	119	56.1	47.7	5.4
1,000-4,999	-	758	271	194	14.9	11.4	2.0
5,000-9,999	-	1,445	48	23	16.6	0.5	0.1
10,000-24,999	-	1,810	71	48	10.1	0.2	0.0
25,000 or more	-	11,982	3,055	1,229	14.4	1.9	0.3

* = amount < \$500,000; D = suppressed to avoid disclosure of confidential information; i = more than 50% of the value is imputed; - = not applicable.

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

NOTES: Rankings were based on federal funds spent for R&D and are determined separately for each industry and company size category. Consequently, industry and company size detail does not add total. The method used to assign industry classifications has changed; industry-specific estimates are not directly comparable with those for years prior to 2004. Excludes data for 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 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.