

TABLE 46. Federal funds for and companies performing industrial R&D in the United States, by industry and company size, by federally funded R&D program size: 2007

(Amount in millions of dollars)

Industry and company size	NAICS codes	Federally funded R&D program size											
		All companies		Less than \$200,000		\$200,000-\$999,999		\$1 million-\$9.9 million		\$10 million-\$99.9 million		\$100 million or more	
		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
All industries	21-23, 31-33, 42, 44-81	3,020	26,585	1,029	83	714	342	1,128	3,000	124	2,874	25	20,287
Manufacturing industries	31-33	605	18,170	188	18	162	83	193	718	42	963	19	16,388
Food	311	4	D	D	D	0	0	D	D	0	0	0	0
Beverage and tobacco products	312	0	0	0	0	0	0	0	0	0	0	0	0
Textiles, apparel, and leather	313-16	6	10	D	D	D	D	D	D	0	0	0	0
Wood products	321	1	D	D	D	0	0	0	0	0	0	0	0
Paper, printing, and support activities	322, 323	2	D	D	D	0	0	0	0	D	D	0	0
Petroleum and coal products	324	1	D	0	0	0	0	D	D	0	0	0	0
Chemicals	325	114	D	D	D	35	16	47	217	D	D	0	0
Basic chemicals	3251	17	76	6	*	3	1	D	D	D	D	0	0
Resin, synthetic rubber, fibers, and filament	3252	8	12	4	*	D	D	D	D	0	0	0	0
Pharmaceuticals and medicines	3254	78	D	D	D	D	D	35	172	D	D	0	0
Other chemicals	other 325	12	14	5	*	D	D	D	D	0	0	0	0
Plastics and rubber products	326	7	D	D	D	D	D	D	D	0	0	0	0
Nonmetallic mineral products	327	11	13	D	D	D	D	4	11 i	0	0	0	0
Primary metals	331	7	10	3	*	D	D	D	D	0	0	0	0
Fabricated metal products	332	13	115 i	5	*	D	D	D	D	0	0	D	D
Machinery	333	39	69	D	D	D	D	9	25	D	D	0	0
Computer and electronic products	334	249	8,838	D	D	63	33	78	307	D	D	D	D
Computers and peripheral equipment	3341	7	D	D	D	D	D	D	D	D	D	0	0
Communications equipment	3342	20	219	D	D	D	D	D	D	D	D	0	0
Semiconductor and other electronic components	3344	79	368	D	D	35	19	D	D	D	D	D	D
Navigational, measuring, electromedical, and control instruments	3345	141	8,176	54	D	23	12	D	D	D	D	D	D
Other computer and electronic products	other 334	2	D	0	0	D	D	D	D	0	0	0	0
Electrical equipment, appliances, and components	335	33	90	7	1	16	10	6	20	4	58	0	0
Transportation equipment	336	50	D	D	D	D	D	D	D	D	D	D	D
Motor vehicles, trailers, and parts	3361-63	16	D	D	D	D	D	D	D	D	D	0	0
Aerospace products and parts	3364	27	5,040	D	D	D	D	D	D	D	D	8	4,888
Other transportation equipment	other 336	7	D	D	D	D	D	D	D	D	D	D	D
Furniture and related products	337	15	1	15	1	0	0	0	0	0	0	0	0
Miscellaneous manufacturing	339	54	66	D	D	15	7	D	D	D	D	0	0
Medical equipment and supplies	3391	46	60	D	D	D	D	D	D	D	D	0	0
Other miscellaneous manufacturing	other 339	8	6	D	D	D	D	D	D	0	0	0	0

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Nonmanufacturing industries	21-23, 42, 44-81	2,415	8,415	841	65	552	258	935	2,283	82	1,910	6	3,899
Mining, extraction, and support activities	21	4	9	0	0	D	D	D	D	0	0	0	0
Utilities	22	4	35	0	0	0	0	D	D	D	D	0	0
Construction	23	2	D	0	0	0	0	D	D	0	0	0	0
Wholesale trade	42	5	16	D	D	D	D	D	D	D	D	0	0
Retail trade	44, 45	250	12	250	12	0	0	0	0	0	0	0	0
Transportation and warehousing	48, 49	1	D	0	0	D	D	D	D	0	0	0	0
Information	51	30	D	12	2	D	D	D	D	D	D	D	D
Publishing	511	25	22	12	2	D	D	D	D	D	D	0	0
Newspaper, periodical, book, and directory	5111	1	D	0	0	D	D	D	D	0	0	0	0
Software	5112	24	D	12	2	D	D	5	6	D	D	0	0
Telecommunications	517	1	D	0	0	0	0	D	D	0	0	0	0
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	1	D	0	0	0	0	D	D	0	0	0	0
Satellite telecommunications	5174	0	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	0
Internet service providers, Web search portals, and data-processing services	518	4	D	0	0	D	D	D	D	D	D	D	D
Internet service providers and Web search portals	5181	0	0	0	0	0	0	0	0	0	0	0	0
Data-processing, hosting, and related services	5182	4	D	0	0	D	D	D	D	D	D	D	D
Other information	other 51	0	0	0	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	0
Professional, scientific, and technical services	54	1,849	7,608	D	D	D	D	D	D	78	1,843	D	D
Architectural, engineering, and related services	5413	432	1,885	75	6	D	D	D	D	21	499	D	D
Computer systems design and related services	5415	359	804	D	D	11	6	214	411	D	D	D	D
Scientific R&D services	5417	794	4,831	D	D	264	125	D	D	43	1,047	D	D
Other professional, scientific, and technical services	other 54	264	87	250	10	D	D	D	D	D	D	0	0
Health care services	621-23	14	7	D	D	D	D	D	D	0	0	0	0
Other nonmanufacturing ^a	55-56, 61, 624, 71-72, 81	256	450	0	0	D	D	D	D	0	0	0	0

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		Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount	Companies	Amount
Company size (employees)													
All companies	-	3,020	26,585	1,029	83	714	342	1,128	3,000	124	2,874	25	20,287
5-24	-	1,738	1,671	526	51	524	242	688	1,378	0	0	0	0
25-49	-	369	615	133	11	58	D	175	532	3	D	0	0
50-99	-	471	760	292	14	56	28	105	481	19	237	0	0
100-249	-	185	1,264	44	4	34	D	63	236	43	867	1	D
250-499	-	59	556	9	1	12	7	22	78	16	472	0	0
500-999	-	61	662	9	1	13	D	26	102	12	438	1	D
1,000-4,999	-	58	1,287	10	1	8	6	24	D	12	D	4	D
5,000-9,999	-	20	1,516	2	D	3	1	7	D	4	D	4	1,445
10,000-24,999	-	24	1,930	1	D	5	D	9	34	6	116	3	1,777
25,000 or more	-	35	16,325	3	D	2	D	9	48	9	223	12	16,054

* = 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: 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. 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). Excludes federally funded research and development centers. 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.