

TABLE 1. Funds for industrial R&D for companies performing industrial R&D in the United States, by industry and company size: 2005 and 2006

(Millions of dollars)

Industry and company size	NAICS codes	All R&D		Federal R&D		Company and other R&D	
		2005	2006	2005	2006	2005	2006
All industries	21–23, 31–33, 42, 44–81	226,159	247,669	21,909	24,304	204,250	223,365
Manufacturing industries	31–33	158,190	171,814	15,635	16,584	142,555	155,230
Food	311	2,716	2,720	6	4	2,710	2,716
Beverage and tobacco products	312	539 i	547 i	0	0	539 i	547 i
Textiles, apparel, and leather	313–16	816	594	5	11	811	583
Wood products	321	D	195	D	2	218	192
Paper, printing, and support activities	322, 323	D	D	D	D	2,451	2,793
Petroleum and coal products	324	D	1,432	D	1	1,442	1,431
Chemicals	325	42,995	46,329	169	211	42,826	46,119
Basic chemicals	3251	2,277	2,152	98	98	2,179	2,054
Resin, synthetic rubber, fibers, and filament	3252	2,294	1,975	15	13	2,280	1,963
Pharmaceuticals and medicines	3254	34,839	38,901	41	88	34,798	38,813
Other chemicals	other 325	3,584	3,300	15	12	3,569	3,288
Plastics and rubber products	326	1,760	2,245	12	27	1,747	2,217
Nonmetallic mineral products	327	894	1,014	6	78	889	936
Primary metals	331	631	651	22 i	13	609	638
Fabricated metal products	332	1,375	1,499	52	67 i	1,323	1,432
Machinery	333	8,531	9,848	109	106	8,422	9,743
Computer and electronic products	334	D	56,773	D	8,522	42,463	48,251
Computers and peripheral equipment	3341	4,955	D	53	D	4,902	7,289
Communications equipment	3342	D	D	D	D	9,660	10,911
Semiconductor and other electronic components	3344	18,724	18,888	122	354	18,602	18,534
Navigational, measuring, electromedical, and control instruments	3345	15,204	18,300	6,879	7,860	8,325	10,440
Other computer and electronic products	other 334	997	D	23	D	974	1,076
Electrical equipment, appliances, and components	335	2,424	2,281	103	66	2,322	2,215
Transportation equipment	336	D	D	D	D	28,321	30,010
Motor vehicles, trailers, and parts	3361–63	D	D	D	D	16,025	16,562
Aerospace products and parts	3364	15,005	16,367	4,076	4,372	10,928	11,995
Other transportation equipment	other 336	D	D	D	D	1,368	1,453
Furniture and related products	337	400	D	*	D	400	371
Miscellaneous manufacturing	339	5,143	5,150	82	114	5,061	5,036
Medical equipment and supplies	3391	4,374	4,098	31	101	4,343	3,998
Other miscellaneous manufacturing	other 339	769	1,052	51	14	718	1,038

TABLE 1. Funds for industrial R&D for companies performing industrial R&D in the United States, by industry and company size: 2005 and 2006

(Millions of dollars)

Industry and company size	NAICS codes	All R&D		Federal R&D		Company and other R&D	
		2005	2006	2005	2006	2005	2006
Nonmanufacturing industries	21–23, 42, 44–81	67,969	75,855	6,274	7,719	61,695	68,135
Mining, extraction, and support activities	21	D	D	D	D	669	1,123
Utilities	22	210	248	30	34	180	214
Construction	23	D	1,379	D	12	1,248	1,368
Wholesale trade	42	D	2,072	D	18	2,144	2,054
Retail trade	44, 45	D	D	D	D	1,285	1,372
Transportation and warehousing	48, 49	D	D	D	D	312	277
Information	51	23,836	26,883	219	136	23,617	26,748
Publishing	511	17,747	D	60	D	17,687	19,946
Newspaper, periodical, book, and directory	5111	821	D	27	D	794	992
Software	5112	16,926	D	33	D	16,893	18,953
Telecommunications	517	2,539	D	0	D	2,539	2,135
Wired and wireless (except satellite) telecommunications carriers	5171, 5172	2,358	D	0	D	2,358	1,688
Satellite telecommunications	5174	13	D	0	0	13	D
Other telecommunications	other 517	168 i	D	0	0	168 i	D
Internet service providers, Web search portals, and data-processing services	518	3,337	4,029	159	93	3,178	3,936
Internet service providers and Web search portals	5181	1,042	D	0	0	1,042	D
Data-processing, hosting, and related services	5182	2,295	D	159	93	2,136	D
Other information	other 51	213	732	0	*	213	731
Finance, insurance, and real estate	52, 53	3,030	1,969	0	0	3,030	1,969
Professional, scientific, and technical services	54	32,021	38,049	5,839	7,438	26,181	30,611
Architectural, engineering, and related services	5413	4,687	6,579	2,239	1,714	2,448	4,866
Computer systems design and related services	5415	13,592	14,841	545	1,011	13,046	13,830
Scientific R&D services	5417	12,299	14,525	2,826	4,495	9,473	10,030
Other professional, scientific, and technical services	other 54	1,444	2,105	229	219	1,214	1,885
Health care services	621–23	989	992	7	37	981	955
Other nonmanufacturing <sup>a</sup>	55, 56, 61, 624, 71, 72, 81	2,137	1,479	90	34	2,047	1,445

TABLE 1. Funds for industrial R&D for companies performing industrial R&D in the United States, by industry and company size: 2005 and 2006

(Millions of dollars)

Industry and company size	NAICS codes	All R&D		Federal R&D		Company and other R&D	
		2005	2006	2005	2006	2005	2006
Company size (employees)							
All companies	-	226,159	247,669	21,909	24,304	204,250	223,365
5-24	-	7,373	7,207	1,076	1,121	6,297	6,087
25-49	-	7,488	D	675	D	6,813	6,465
50-99	-	7,144	9,064	646	704	6,498	8,360
100-249	-	10,327	13,306	951	1,206	9,375	12,101
250-499	-	8,149	D	411	D	7,738	7,944
500-999	-	13,992	13,360	895	878	13,097	12,482
1,000-4,999	-	34,969	37,866	1,364	1,847	33,605	36,019
5,000-9,999	-	18,170	20,434	620	657	17,550	19,776
10,000-24,999	-	33,564	37,865	1,918	1,816	31,646	36,049
25,000 or more	-	84,983	92,925	13,352	14,843	71,631	78,082

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

<sup>a</sup> 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. Excluded from this table are 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: 2006.