

TABLE 18. Domestic net sales of companies performing industrial R&D in the United States, by industry, by company size: 2004

(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	5,601,729	111,868 i	46,138	101,559	180,436	152,243	217,014	828,300	571,170	993,497	2,399,505
Manufacturing industries	31–33	3,871,294	30,554	22,397	68,160	100,792	126,101	169,886	628,659	431,746	689,900	1,603,099
Food	311	347,396	2,180	1,521	3,109	8,282	9,156	18,759	49,720	40,868	58,668	155,131
Beverage and tobacco products	312	43,292	1,485	D	33	183	838	0	D	D	0	D
Textiles, apparel, and leather	313–16	48,859	343	D	796	2,775	1,496	3,114	D	5,352	10,248	D
Wood products	321	35,066	157	59	414	718	676	1,236	D	7,543	D	D
Paper, printing, and support activities	322, 323	155,801	362	357	480	1,994	2,687	3,962	19,578	11,848	17,343	97,190
Petroleum and coal products	324	408,956	191	133	428	485	833	D	D	D	D	270,369
Chemicals	325	595,292	3,882	2,384	28,843	10,902	16,141	24,903	156,580	74,508	152,053	125,095
Basic chemicals	3251	109,200	236	359	715	2,376	1,716	5,830	D	27,262	D	0
Resin, synthetic rubber, fibers, and filament	3252	67,610	144	151	270	331	4,447	2,763	D	D	D	D
Pharmaceuticals and medicines	3254	315,180	1,888 i	324	25,416	2,976	4,400	10,418	D	D	D	D
Other chemicals	other 325	103,302	1,615	1,550	2,443	5,219	5,578	5,893	D	21,204	14,479	D
Plastics and rubber products	326	120,670	737	1,568	2,903	4,815	7,148	31,823	35,794	D	D	D
Nonmetallic mineral products	327	43,155	206	431	523	1,070	1,518	D	D	D	D	0
Primary metals	331	101,868	278	165	580	3,784	2,409	1,639	19,080	D	31,170	D
Fabricated metal products	332	102,935	911	2,470	5,656	8,315	8,724	6,895	D	D	14,524	D
Machinery	333	178,618	2,129	3,588	7,598	14,700	12,184	18,174	44,978	21,697	20,835	32,735
Computer and electronic products	334	506,103	2,630	3,988	6,837	22,138	35,808	21,774	94,207	23,655	90,167	204,900
Computers and peripheral equipment	3341	122,494	291	386	908	8,178	2,274	3,547	16,082	D	D	76,330
Communications equipment	3342	88,381	484	569	1,214	4,303	24,796	D	16,587	0	D	D
Semiconductor and other electronic components	3344	162,398	598	1,619	2,293	4,214	4,203	D	40,325	D	D	D
Navigational, measuring, electromedical, and control instruments	3345	110,416	1,139	1,322	2,014	4,631	3,813	D	15,017	10,026	33,259	D
Other computer and electronic products	other 334	22,415	118	93	408	813	722	D	6,196	0	D	0
Electrical equipment, appliances, and components	335	95,715	458	889	3,148	3,078	6,897	6,368	24,495	17,925	32,458	0
Transportation equipment	336	946,474	11,672	864	2,736	9,416	5,053	18,674	69,036	83,985	110,722	634,316
Motor vehicles, trailers, and parts	3361–63	643,079	11,451	505	1,867	5,326	3,477	15,221	D	D	D	D
Aerospace products and parts	3364	228,018	126	107	243	3,225 i	642	990	3,895	4,639	D	D
Other transportation equipment	other 336	75,377	95	252	627	865	934	2,463	D	D	D	D
Furniture and related products	337	51,578	206	769	468	1,505	7,649	1,191	8,340	D	D	D
Miscellaneous manufacturing	339	89,515	2,728	2,339	3,606	6,632	6,885	8,812	29,873	11,331	17,308	0
Medical equipment and supplies	3391	56,713	2,097	1,603 i	1,536	2,712	3,889	4,402	16,900	6,267	17,308	0
Other miscellaneous manufacturing	other 339	32,802	631	736	2,071	3,919	2,996	4,410	12,974	5,065	0	0

TABLE 18. Domestic net sales of companies performing industrial R&D in the United States, by industry, by company size: 2004

(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 +
Nonmanufacturing industries	21–23, 42, 44–81	1,730,435	81,314 i	23,741	33,399	79,643	26,142	47,128	199,641	139,424	303,597	796,405
Mining, extraction, and support activities	21	29,753	43 i	167	65	257	691	3,287	6,840	D	D	D
Utilities	22	170,637	54	36	D	172	0	D	22,020	54,115	D	D
Construction	23	56,118	2,198	D	D	D	797	1,715	18,103	D	D	0
Wholesale trade	42	68,879	4,456	D	D	18,956	D	D	514	0	D	0
Retail trade	44, 45	191,632	40,872 i	31	103	D	3,329	2,057	12,608	D	51,723	D
Transportation and warehousing	48, 49	74,235	67	D	D	294	D	D	2,893	D	D	D
Information	51	445,652	21,509 i	2,135	3,593	29,865	6,227	7,749	31,834	20,792	71,813	250,135
Publishing	511	90,234	1,017	1,299	1,905	4,017	3,556	D	17,899	9,619	18,411	D
Newspaper, periodical, book, and database	5111	19,230	0	183	52	145	206	345	3,515	D	D	D
Software	5112	71,004	1,017	1,116	1,853	3,872	3,349	D	14,384	D	D	D
Broadcasting and telecommunications	513	291,646	19,013 i	373	491	D	D	D	1,419	D	24,512	D
Telecommunications	5133	D	19,013 i	373	D	D	D	0	D	D	24,512	D
Other broadcasting and telecommunications	other 513	D	0	0	D	D	D	D	D	0	0	D
Other information	other 51	63,772	1,480 i	463 i	1,197	D	D	D	12,516	D	28,890	D
Finance, insurance, and real estate	52, 53	440,122	39	D	3,216	8,076	1,622	5,252	71,081	D	21,512	322,116
Professional, scientific, and technical services	54	185,812	9,832	9,324	8,360	10,790	8,601	11,467	24,829	17,134	21,104	64,371
Architectural, engineering, and related services	5413	34,885	2,222	2,780	2,201	1,635	D	969	7,012	5,687	D	0
Computer systems design and related services	5415	95,541	3,219	3,872	3,171	4,780	D	7,525	11,605	6,734	D	D
Scientific R&D services	5417	31,729	1,420	2,598	2,724	3,863	2,424	2,572	3,333	D	D	D
Other professional, scientific, and technical services	other 54	23,658	2,970	75 i	263	512	475	401	2,880	D	D	D
Health care services	621–23	27,638	1,353 i	895 i	2,963	454	531	918	1,714	8,172 i	D	D
Other nonmanufacturing ^a	55–56, 61, 624, 71–72, 81	39,957	891	140	184	936	2,129	2,420	7,204	4,971	5,443 i	15,638

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 because of rounding or suppression. The method used to assign industry classifications has changed; industry-specific estimates for 2004 are not directly comparable with those for previous years. 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: 2004.