

TABLE 31. Sales and employment for companies performing industrial R&D in the United States, by industry and company size: 2006 and 2007

Industry and company size	NAICS codes	Domestic net sales		R&D scientists and engineers ^a		Domestic employment (March)	
		2006	2007	2007	2008	2006	2007
		\$millions		Thousands			
All industries	21–23, 31–33, 42, 44–81	6,642,500	7,027,049	1,135.5	1,130.5	16,298	16,737
Manufacturing industries	31–33	4,264,583	4,594,252	696.1	717.1	9,415	9,598
Food	311	414,425	405,129	11.6	12.3	1,021	985
Beverage and tobacco products	312	43,517	50,882	4.6 i	1.2	57	86
Textiles, apparel, and leather	313–16	41,672	47,573	5.7	6.3	176	197
Wood products	321	25,741	25,585	1.7 i	D	109	104
Paper, printing, and support activities	322, 323	223,644	205,991	9.7 i	D	455	418
Petroleum and coal products	324	446,821	510,798	D	D	145	154
Chemicals	325	612,885	699,520	128.3	139.6	1,083	1,101
Basic chemicals	3251	121,434	144,565	9.6	13.8	153	191
Resin, synthetic rubber, fibers, and filament	3252	90,226	50,517	8.5	4.9	101	63
Pharmaceuticals and medicines	3254	286,981	374,517	90.5	103.0	509	513
Other chemicals	other 325	114,244	129,920	19.8	17.9	320	333
Plastics and rubber products	326	114,989	138,972	13.5	12.6	435	470
Nonmetallic mineral products	327	48,393	61,161	6.9 i	5.8	177	238
Primary metals	331	127,138	144,737	3.4	3.8	229	287
Fabricated metal products	332	103,567	102,467	22.1	16.0	409	387
Machinery	333	272,687	264,841	65.0	58.8	871	822
Computer and electronic products	334	524,160	589,918	241.0	276.5	1,325	1,397
Computers and peripheral equipment	3341	116,094	135,239	32.6	D	162	156
Communications equipment	3342	80,092	78,043	49.8	55.1	152	146
Semiconductor and other electronic components	3344	168,585	152,990	77.7	91.8	456	393
Navigational, measuring, electromedical, and control instruments	3345	139,871	201,270	75.6 i	90.4	495	652
Other computer and electronic products	other 334	19,519	22,377	5.3 i	D	60	51
Electrical equipment, appliances, and components	335	88,519	87,972	15.9	15.6	289	279
Transportation equipment	336	1,019,882	1,005,804	134.7	121.4	1,981	2,015
Motor vehicles, trailers, and parts	3361–63	686,841	655,250	D	D	1,030	1,070
Aerospace products and parts	3364	243,110	263,321	37.5	42.9	620	659
Other transportation equipment	other 336	89,931	87,233	D	D	331	286
Furniture and related products	337	54,617	47,140	D	3.5	269	229
Miscellaneous manufacturing	339	101,926	205,763	24.1	29.1	385	430
Medical equipment and supplies	3391	71,882	172,473	17.1	20.1	267	305
Other miscellaneous manufacturing	other 339	30,044	33,290	7.0	9.0	118	125

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Nonmanufacturing industries	21–23, 42, 44–81	2,377,917	2,432,797	439.4	413.4	6,883	7,139
Mining, extraction, and support activities	21	152,013	151,265	D	D	133	150
Utilities	22	184,192	206,435	1.7	0.7	280	250
Construction	23	59,868	42,379	14.3	D	172	138
Wholesale trade	42	101,302	122,878	18.4	15.1	203	234
Retail trade	44, 45	247,853	295,850	D	14.7	653 i	1,098
Transportation and warehousing	48, 49	88,756	92,190	D	D	685	721
Information	51	511,749	562,929	144.5	139.1	1,651	1,568
Publishing	511	118,956	128,622	105.3	100.5	410	402
Newspaper, periodical, book, and directory	5111	23,951	28,615	D	D	119	129
Software	5112	95,005	100,006	D	D	291	273
Telecommunications	517	303,954	343,618	D	D	895	832
Wired and wireless (except satellite)							
telecommunications carriers	5171, 5172	228,449	260,455	D	D	693	638
Satellite telecommunications	5174	906	60	*	*	2	*
Other telecommunications	other 517	74,600	83,103	2.8 i	5.3	200	193
Internet service providers, Web search portals, and data-processing services	518	41,940	43,685	22.7	D	155	153
Internet service providers and Web search portals	5181	12,253	17,530	5.3	7.0	17	28
Data-processing, hosting, and related services	5182	29,687	26,155	17.5	D	138	125
Other information	other 51	46,899	47,005	D	2.8	191	182
Finance, insurance, and real estate	52, 53	522,683	524,874	23.4	19.3	1,037	1,067
Professional, scientific, and technical services	54	401,512	345,529	208.9	196.1	1,088	1,192
Architectural, engineering, and related services	5413	45,535	49,091	52.2	44.7	210	214
Computer systems design and related services	5415	281,633	204,946	95.8	80.3	551	523
Scientific R&D services	5417	41,410	40,075	45.9	54.8	162	188
Other professional, scientific, and technical services	other 54	32,935	51,417	14.9	16.4	165	268
Health care services	621–23	28,707	28,319	7.4	7.7	132	123
Other nonmanufacturing ^b	55, 56, 61, 624, 71, 72, 81	79,281	60,149	9.6	8.1	848	597

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		2006	2007	2007	2008	2006	2007
		\$millions		Thousands			
Company size (employees)							
All companies	-	6,642,500	7,027,049	1,135.5	1,130.5	16,298	16,737
5-24	-	51,371	68,796	67.6	69.3	243	250
25-49	-	56,748	48,623	44.4	40.5	241	243
50-99	-	90,817	106,287	61.8	48.6	482	415
100-249	-	171,854	176,457	78.8	66.2	689	674
250-499	-	158,493	184,423	47.9	46.5	665	633
500-999	-	301,337	313,263	64.3	64.2	1,087	888
1,000-4,999	-	1,044,304	973,112	178.1	181.7	2,393	2,322
5,000-9,999	-	604,787	738,398	101.6	105.7	1,393	1,515
10,000-24,999	-	1,332,843	1,337,729	177.1	187.5	2,270	2,459
25,000 or more	-	2,829,945	3,079,961	313.8	320.3	6,835	7,339

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

^a Data recorded in January represent domestic employment for the previous year.

^b 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 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: 2007.