

TABLE 2. Sales and employment for companies performing industrial R&amp;D in the United States, by industry and company size: 2005 and 2006

Industry and company size	NAICS codes	Domestic net sales		R&D scientists and engineers <sup>a</sup>		Domestic employment (March)	
		2005	2006	2006	2007	2005	2006
		\$millions		Thousands			
All industries	21–23, 31–33, 42, 44–81	6,119,133	6,642,500	1,097.7	1,135.5	16,032	16,298
Manufacturing industries	31–33	3,998,256	4,264,583	695.8	696.1	9,436	9,415
Food	311	374,342	414,425	11.8	11.6	995	1,021
Beverage and tobacco products	312	38,003	43,517	4.7 i	4.6 i	57	57
Textiles, apparel, and leather	313–16	51,639	41,672	7.8 i	5.7	204	176
Wood products	321	27,002	25,741	D	1.7 i	108	109
Paper, printing, and support activities	322, 323	159,608	223,644	D	9.7 i	421	455
Petroleum and coal products	324	404,317	446,821	D	D	164	145
Chemicals	325	624,344	612,885	118.0	128.3	1,074	1,083
Basic chemicals	3251	109,899	121,434	9.8	9.6	167	153
Resin, synthetic rubber, fibers, and filament	3252	132,934	90,226	8.4	8.5	110	101
Pharmaceuticals and medicines	3254	273,377	286,981	81.1	90.5	482	509
Other chemicals	other 325	108,134	114,244	18.7	19.8	314	320
Plastics and rubber products	326	90,176	114,989	11.0	13.5	377	435
Nonmetallic mineral products	327	50,344	48,393	6.7 i	6.9 i	198	177
Primary metals	331	110,960	127,138	3.8 i	3.4	262	229
Fabricated metal products	332	174,165	103,567	16.7	22.1	626	409
Machinery	333	230,941	272,687	59.6	65.0	832	871
Computer and electronic products	334	472,330	524,160	262.5	241.0	1,253	1,325
Computers and peripheral equipment	3341	91,010	116,094	33.1	32.6	158	162
Communications equipment	3342	69,115	80,092	50.4	49.8	155	152
Semiconductor and other electronic components	3344	176,054	168,585	92.4	77.7	444	456
Navigational, measuring, electromedical, and control instruments	3345	118,648	139,871	81.6 i	75.6 i	454	495
Other computer and electronic products	other 334	17,503	19,519	5.0	5.3 i	43	60
Electrical equipment, appliances, and components	335	101,398	88,519	17.9	15.9	321	289
Transportation equipment	336	957,051	1,019,882	135.0	134.7	1,972	1,981
Motor vehicles, trailers, and parts	3361–63	646,486	686,841	83.9 i	D	1,019	1,030
Aerospace products and parts	3364	227,271	243,110	41.5 i	37.5	639	620
Other transportation equipment	other 336	83,294	89,931	9.5	D	315	331
Furniture and related products	337	48,534	54,617	3.6	D	235	269
Miscellaneous manufacturing	339	83,103	101,926	21.7	24.1	338	385
Medical equipment and supplies	3391	56,661	71,882	16.1	17.1	220	267
Other miscellaneous manufacturing	other 339	26,442	30,044	5.6	7.0	118	118

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Nonmanufacturing industries	21–23, 42, 44–81	2,120,877	2,377,917	401.9	439.4	6,596	6,883
Mining, extraction, and support activities	21	33,665	152,013	D	D	97	133
Utilities	22	223,395	184,192	0.8	1.7	304	280
Construction	23	57,187	59,868	10.3	14.3	171	172
Wholesale trade	42	107,485	101,302	19.3	18.4	247	203
Retail trade	44, 45	232,150	247,853	D	D	608	653 i
Transportation and warehousing	48, 49	79,436	88,756	D	D	642	685
Information	51	445,489	511,749	134.2	144.5	1,493	1,651
Publishing	511	103,609	118,956	98.7	105.3	381	410
Newspaper, periodical, book, and directory	5111	26,411	23,951	5.7	D	127	119
Software	5112	77,198	95,005	93.0	D	254	291
Telecommunications	517	258,953	303,954	10.2	D	714	895
Wired and wireless (except satellite)							
telecommunications carriers	5171, 5172	224,300	228,449	9.4	D	D	693
Satellite telecommunications	5174	394	906	*	*	1	2
Other telecommunications	other 517	34,259 i	74,600	0.8 i	2.8 i	D	200
Internet service providers, Web search portals, and data-processing services	518	36,493	41,940	23.8	22.7	149	155
Internet service providers and Web search portals	5181	11,574	12,253	5.1	5.3	20	17
Data-processing, hosting, and related services	5182	24,919	29,687	18.7	17.5	129	138
Other information	other 51	46,434	46,899	1.5	D	249	191
Finance, insurance, and real estate	52, 53	580,380	522,683	30.2	23.4	1,265	1,037
Professional, scientific, and technical services	54	261,500	401,512	170.6	208.9	1,182	1,088
Architectural, engineering, and related services	5413	50,121	45,535	30.1	52.2	221	210
Computer systems design and related services	5415	136,376	281,633	90.3	95.8	660	551
Scientific R&D services	5417	34,516	41,410	42.7	45.9	129	162
Other professional, scientific, and technical services	other 54	40,487	32,935	7.6	14.9	172	165
Health care services	621–23	25,076	28,707	4.7	7.4	93	132
Other nonmanufacturing <sup>b</sup>	55, 56, 61, 624, 71, 72, 81	75,115	79,281	17.4	9.6	494	848

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		2005	2006	2006	2007	2005	2006
		\$millions		Thousands			
Company size (employees)							
All companies	-	6,119,133	6,642,500	1,097.7	1,135.5	16,032	16,298
5-24	-	72,744	51,371	66.4	67.6	245	243
25-49	-	77,898	56,748	45.9	44.4	300	241
50-99	-	83,685	90,817	44.7	61.8	335	482
100-249	-	157,088	171,854	58.0	78.8	655	689
250-499	-	157,726	158,493	45.8	47.9	576	665
500-999	-	295,203	301,337	69.3	64.3	830	1,087
1,000-4,999	-	963,025	1,044,304	180.1	178.1	2,863	2,393
5,000-9,999	-	703,009	604,787	91.1	101.6	1,554	1,393
10,000-24,999	-	1,030,880	1,332,843	180.9	177.1	2,260	2,270
25,000 or more	-	2,577,876	2,829,945	315.6	313.8	6,413	6,835

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

<sup>a</sup> Data recorded in January represent domestic employment for the previous year.

<sup>b</sup> Estimates for management of companies and enterprises (NAICS 55), formerly shown separately, now are included in other nonmanufacturing.

NOTES: 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: 2006.