

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Private industry⁷		104,640.7	6.7	3.1	2.0	3.5	6.2	2.9	1.9	3.3
Agriculture, forestry, and fishing⁷		1,815.1	7.9	3.9	3.0	4.0	7.6	3.8	2.9	3.8
Agricultural production ⁷	01-02	772.6	8.4	4.1	2.8	4.3	8.0	4.0	2.7	4.0
Agricultural production—crops ⁷	01	586.2	7.7	3.6	2.4	4.1	7.3	3.5	2.4	3.8
Field crops, except cash grains ⁷	013	69.2	7.3	2.5	2.2	4.8	7.1	2.5	2.2	4.6
Vegetables and melons ⁷	016	82.6	6.6	3.4	2.3	3.3	6.3	3.3	2.2	3.0
Fruits and tree nuts ⁷	017	183.8	8.6	3.7	2.9	4.9	8.1	3.6	2.8	4.5
Horticultural specialties ⁷	018	165.5	8.2	4.2	2.1	4.0	7.7	4.1	2.0	3.7
General farms, primarily crop ⁷	019	56.4	5.3	3.1	3.0	2.2	5.3	3.1	3.0	2.2
Agricultural production—livestock ⁷	02	186.4	10.7	5.6	4.1	5.0	10.3	5.4	4.0	4.9
Livestock, except dairy and poultry ⁷	021	65.9	12.4	6.7	5.2	5.7	12.0	6.5	5.1	5.5
Dairy farms ⁷	024	54.3	8.4	4.5	3.9	3.9	8.3	4.4	3.8	3.9
Poultry and eggs ⁷	025	43.8	11.0	5.1	3.1	6.0	10.6	4.7	2.8	5.8
Animal specialties ⁷	027	17.6	10.2	7.3	4.1	2.9	9.4	7.0	4.1	2.4
Agricultural services	07	1,004.9	7.6	3.9	3.1	3.8	7.4	3.8	3.0	3.6
Crop services	072	112.8	7.1	3.8	2.5	3.4	6.8	3.5	2.3	3.3
Veterinary services	074	195.4	6.0	1.5	1.1	4.5	5.9	1.5	1.1	4.4
Animal services, except veterinary	075	53.1	9.0	3.9	3.2	5.1	8.2	3.6	3.1	4.6
Farm labor and management services	076	178.6	5.2	2.7	2.2	2.4	5.0	2.7	2.2	2.3
Landscape and horticultural services	078	460.3	9.1	5.2	4.3	3.9	8.9	5.1	4.2	3.8
Forestry	08	26.4	7.3	2.6	2.3	4.7	7.1	2.4	2.1	4.7
Forestry services	085	14.5	6.3	3.0	2.8	3.4	6.1	2.8	2.7	3.3
Fishing, hunting, and trapping	09	11.3	6.4	3.2	2.7	3.2	6.2	3.1	2.6	3.1
Mining⁸		588.6	4.9	2.9	2.2	2.0	4.7	2.7	2.1	1.9
Metal mining ⁸	10	48.8	5.2	2.9	1.8	2.3	4.8	2.7	1.6	2.1
Iron ores ⁸	101	8.5	6.4	2.9	2.4	3.5	6.0	2.8	2.3	3.2
Copper ores ⁸	102	14.9	3.7	2.3	1.3	1.4	3.7	2.3	1.2	1.4
Lead and zinc ores ⁸	103	2.5	5.4	2.7	2.2	2.8	5.3	2.6	2.2	2.7
Gold and silver ores ⁸	104	15.9	4.8	2.5	1.5	2.3	4.3	2.3	1.2	2.0
Ferroalloy ores, except vanadium ⁸	106	1.3	7.3	5.6	3.3	1.7	6.2	4.8	2.7	1.3
Miscellaneous metal ores ⁸	109	2.7	9.3	6.1	3.0	3.2	9.1	6.0	2.9	3.1
Coal mining ⁸	12	92.1	8.2	6.0	5.6	2.2	7.6	5.7	5.3	1.9
Bituminous coal and lignite mining ⁸	122	86.1	8.2	6.0	5.6	2.2	7.6	5.7	5.3	1.9
Anthracite mining ⁸	123	1.3	9.3	7.1	6.3	2.2	8.5	6.4	5.7	2.0
Oil and gas extraction	13	337.7	4.1	2.0	1.4	2.1	4.0	1.9	1.3	2.0
Crude petroleum and natural gas	131	138.0	1.6	.8	.6	.8	1.4	.7	.5	.8
Oil and gas field services	138	194.8	5.7	2.8	1.9	2.9	5.7	2.8	1.9	2.9
Nonmetallic minerals, except fuels ⁸	14	110.1	4.6	3.0	2.2	1.6	4.5	2.9	2.1	1.6
Dimension stone ⁸	141	5.3	7.7	5.3	4.3	2.4	7.6	5.2	4.2	2.4
Crushed and broken stone ⁸	142	42.6	4.8	3.1	2.2	1.7	4.6	3.0	2.1	1.6
Sand and gravel ⁸	144	36.3	4.4	2.9	2.3	1.5	4.3	2.9	2.3	1.4
Clay, ceramic, and refractory minerals ⁸	145	7.5	3.8	2.3	1.7	1.5	3.7	2.2	1.6	1.5
Chemical and fertilizer minerals ⁸	147	11.8	3.9	2.5	1.5	1.4	3.7	2.4	1.3	1.3
Miscellaneous nonmetallic minerals ⁸	149	5.3	5.6	3.3	2.7	2.2	5.3	3.3	2.6	2.1
Construction		5,949.5	8.8	4.0	3.3	4.8	8.7	4.0	3.2	4.7
General building contractors	15	1,370.6	8.4	3.9	3.1	4.6	8.3	3.8	3.1	4.5
Residential building construction	152	708.0	7.6	3.5	3.1	4.1	7.5	3.5	3.1	4.1
Nonresidential building construction	154	635.0	9.5	4.3	3.2	5.2	9.2	4.2	3.2	5.0
Heavy construction, except building	16	827.9	8.2	4.1	3.2	4.1	8.1	4.0	3.2	4.0
Highway and street construction	161	243.4	9.3	4.3	3.2	5.0	9.1	4.3	3.1	4.8

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Heavy construction, except highway	162	584.4	7.8	4.0	3.3	3.8	7.6	4.0	3.2	3.7
Special trade contractors	17	3,751.0	9.1	4.1	3.3	5.0	8.9	4.0	3.3	4.9
Plumbing, heating, air-conditioning	171	831.4	10.1	3.9	3.1	6.2	10.0	3.8	3.1	6.2
Painting and paper hanging	172	206.2	6.1	3.4	2.9	2.7	5.9	3.3	2.9	2.5
Electrical work	173	728.5	8.1	3.3	2.5	4.8	8.0	3.3	2.5	4.8
Masonry, stonework, and plastering	174	491.6	10.0	4.8	4.2	5.2	9.8	4.7	4.1	5.1
Carpentry and floor work	175	274.2	10.9	4.9	4.3	6.0	10.8	4.8	4.3	5.9
Roofing, siding, and sheet metal work	176	236.8	9.1	5.1	4.4	3.9	9.0	5.1	4.4	3.9
Concrete work	177	308.8	9.3	5.0	3.7	4.3	9.2	5.0	3.7	4.2
Water well drilling	178	22.8	8.6	3.3	2.4	5.4	8.5	3.3	2.4	5.3
Miscellaneous special trade contractors	179	650.6	8.2	3.8	3.1	4.4	8.1	3.7	3.1	4.4
Manufacturing		18,807.1	9.7	4.7	2.3	5.0	8.5	4.2	2.1	4.3
Durable goods		11,209.1	10.7	5.0	2.5	5.7	9.4	4.4	2.3	4.9
Lumber and wood products	24	816.0	13.2	6.8	3.8	6.4	12.6	6.5	3.7	6.1
Logging	241	80.1	8.4	5.5	5.2	2.9	8.2	5.5	5.2	2.8
Sawmills and planing mills	242	183.4	13.8	6.9	4.3	6.9	13.3	6.7	4.2	6.5
Sawmills and planing mills, general	2421	144.2	13.3	7.1	4.3	6.2	12.9	6.9	4.3	6.0
Hardwood dimension and flooring mills	2426	36.9	15.5	6.2	4.2	9.3	14.5	6.0	4.1	8.6
Millwork, plywood and structural members	243	309.3	12.6	6.1	3.2	6.5	11.8	5.7	3.1	6.1
Millwork	2431	123.4	15.2	7.1	3.7	8.0	14.2	6.7	3.4	7.6
Wood kitchen cabinets	2434	86.7	10.8	5.1	2.8	5.7	10.0	4.8	2.7	5.3
Hardwood veneer and plywood	2435	28.6	11.5	5.6	2.5	5.8	10.8	5.3	2.3	5.5
Softwood veneer and plywood	2436	27.6	5.8	3.5	1.8	2.3	5.3	3.3	1.6	2.0
Structural wood members, n.e.c.	2439	42.9	14.4	7.3	4.4	7.2	14.1	7.1	4.3	7.1
Wood containers	244	55.5	14.7	8.4	5.2	6.3	14.5	8.3	5.1	6.2
Wood pallets and skids	2448	43.7	14.7	8.5	5.6	6.2	14.5	8.4	5.5	6.1
Wood buildings and mobile homes	245	99.6	19.8	10.0	3.8	9.8	19.3	9.8	3.7	9.5
Mobile homes	2451	76.1	21.3	10.8	3.4	10.5	20.7	10.5	3.4	10.2
Prefabricated wood buildings	2452	23.5	14.8	7.3	4.8	7.4	14.6	7.2	4.7	7.4
Miscellaneous wood products	249	88.1	9.8	5.4	3.1	4.3	9.0	5.0	2.8	3.9
Wood preserving	2491	11.9	10.7	4.5	2.8	6.2	10.4	4.5	2.8	5.9
Wood products, n.e.c.	2499	56.1	10.0	5.9	3.6	4.1	9.0	5.4	3.3	3.6
Furniture and fixtures	25	532.2	11.4	5.7	2.7	5.7	10.3	5.1	2.4	5.2
Household furniture	251	284.2	9.7	5.1	2.4	4.7	8.8	4.5	2.1	4.3
Wood household furniture	2511	128.9	9.1	4.4	2.3	4.6	8.1	4.0	2.1	4.1
Upholstered household furniture	2512	88.8	9.7	5.2	2.0	4.4	8.4	4.3	1.4	4.0
Metal household furniture	2514	20.3	9.0	4.8	2.3	4.2	8.5	4.6	2.2	3.9
Mattresses and bedsprings	2515	34.2	12.8	7.1	3.7	5.7	12.2	6.7	3.5	5.5
Household furniture, n.e.c.	2519	7.5	8.4	5.5	3.1	2.9	7.9	5.1	3.0	2.8
Office furniture	252	69.1	11.5	5.2	1.9	6.3	10.4	4.5	1.8	5.9
Wood office furniture	2521	32.9	9.0	3.7	1.4	5.3	8.3	3.3	1.3	5.0
Office furniture, except wood	2522	36.3	13.7	6.5	2.4	7.1	12.2	5.6	2.2	6.6
Public building and related furniture	253	46.4	15.6	8.3	3.1	7.4	12.9	6.7	2.5	6.2
Partitions and fixtures	254	92.5	14.2	6.9	4.1	7.3	13.6	6.7	4.0	6.9
Wood partitions and fixtures	2541	52.6	15.0	8.0	4.7	7.0	14.2	7.6	4.5	6.6
Partitions and fixtures, except wood	2542	39.9	13.2	5.5	3.3	7.6	12.8	5.4	3.2	7.4
Miscellaneous furniture and fixtures	259	39.9	10.7	5.1	1.6	5.6	9.6	4.5	1.5	5.2
Drapery hardware and blinds and shades	2591	22.2	9.4	4.9	1.6	4.5	8.8	4.4	1.5	4.4
Furniture and fixtures, n.e.c.	2599	17.7	12.3	5.3	1.7	7.0	10.8	4.6	1.5	6.1
Stone, clay, and glass products	32	562.1	11.8	6.0	3.3	5.8	11.2	5.7	3.1	5.5
Flat glass	321	16.7	17.5	5.9	3.3	11.6	15.0	5.2	3.0	9.8

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Glass and glassware, pressed or blown	322	71.0	9.8	5.1	2.2	4.7	8.8	4.7	2.1	4.1
Glass containers	3221	25.2	12.0	6.1	2.7	5.9	10.9	5.7	2.5	5.2
Pressed and blown glass, n.e.c.	3229	45.8	8.6	4.6	2.0	4.0	7.7	4.2	1.9	3.5
Products of purchased glass	323	64.7	12.4	5.5	2.1	6.9	11.5	5.1	1.9	6.5
Cement, hydraulic	324	17.6	6.5	2.9	2.1	3.7	5.9	2.8	2.0	3.2
Structural clay products	325	33.0	10.9	6.7	2.5	4.1	10.5	6.6	2.5	3.8
Brick and structural clay tile	3251	13.8	13.4	8.5	2.5	4.9	13.2	8.5	2.4	4.7
Ceramic wall and floor tile	3253	9.5	9.3	5.3	2.5	4.0	8.6	5.1	2.4	3.6
Pottery and related products	326	38.5	14.6	8.2	4.0	6.3	12.6	7.2	3.2	5.5
Vitreous plumbing fixtures	3261	9.9	22.2	14.3	5.8	7.9	21.0	13.4	5.3	7.6
Vitreous china table and kitchenware	3262	5.1	12.4	6.7	2.4	5.6	10.3	5.5	1.9	4.8
Pottery products, n.e.c.	3269	12.8	14.0	6.2	4.7	7.8	10.8	4.5	3.0	6.3
Concrete, gypsum, and plaster products	327	226.5	13.4	7.1	4.4	6.2	13.0	7.0	4.3	6.0
Concrete block and brick	3271	18.9	13.6	7.7	6.1	5.9	13.5	7.7	6.1	5.9
Concrete products, n.e.c.	3272	77.5	15.8	7.7	4.7	8.1	14.9	7.4	4.5	7.5
Ready-mixed concrete	3273	112.1	12.9	7.4	4.4	5.5	12.8	7.3	4.4	5.5
Gypsum products	3275	13.0	4.4	1.5	.6	2.9	4.3	1.5	.6	2.8
Cut stone and stone products	328	16.0	9.7	4.4	3.1	5.3	9.5	4.2	3.1	5.3
Miscellaneous nonmetallic mineral products	329	78.0	8.4	3.6	2.2	4.7	8.1	3.5	2.1	4.6
Abrasive products	3291	19.2	9.6	3.9	2.1	5.7	9.2	3.7	2.0	5.6
Minerals, ground or treated	3295	12.9	9.7	5.4	4.6	4.3	9.3	5.1	4.2	4.3
Mineral wool	3296	24.2	5.3	2.6	1.5	2.7	5.1	2.6	1.5	2.5
Nonmetallic mineral products, n.e.c.	3299	10.7	11.6	2.5	1.4	9.1	11.4	2.5	1.4	8.9
Primary metal industries	33	714.2	14.0	7.0	3.5	7.0	13.0	6.6	3.4	6.4
Blast furnace and basic steel products	331	231.8	11.4	5.4	2.8	5.9	10.7	5.3	2.7	5.5
Blast furnaces and steel mills	3312	160.2	10.0	4.1	2.0	5.9	9.3	4.0	2.0	5.3
Steel wire and related products	3315	20.1	11.0	6.4	4.1	4.6	10.1	5.9	3.8	4.2
Cold finishing of steel shapes	3316	17.7	15.2	8.0	4.6	7.2	14.8	7.8	4.4	7.0
Steel pipe and tubes	3317	28.2	17.4	10.8	4.8	6.6	17.2	10.7	4.7	6.5
Iron and steel foundries	332	131.6	22.1	10.6	5.5	11.5	20.4	9.9	5.2	10.5
Gray and ductile iron foundries	3321	79.3	25.1	11.5	6.1	13.6	23.2	10.7	5.8	12.4
Steel investment foundries	3324	18.6	13.1	6.7	3.3	6.4	11.8	6.2	3.0	5.5
Steel foundries, n.e.c.	3325	29.1	20.8	11.1	5.7	9.6	19.5	10.6	5.3	8.9
Primary nonferrous metals	333	39.4	13.3	6.9	3.4	6.4	11.1	6.5	3.2	4.6
Primary copper	3331	4.4	5.6	2.8	1.6	2.7	5.4	2.8	1.6	2.6
Primary aluminum	3334	22.6	16.3	8.2	3.9	8.1	13.2	7.6	3.5	5.6
Primary nonferrous metals, n.e.c.	3339	12.4	10.1	5.8	3.1	4.3	9.1	5.6	3.0	3.5
Secondary nonferrous metals	334	16.5	18.0	9.7	4.4	8.3	17.0	9.2	4.2	7.7
Nonferrous rolling and drawing	335	170.7	10.0	5.2	2.3	4.8	9.0	4.8	2.1	4.3
Copper rolling and drawing	3351	22.9	10.0	5.8	3.3	4.2	9.0	5.5	3.2	3.6
Aluminum sheet, plate, and foil	3353	20.9	9.7	4.9	1.8	4.8	9.3	4.8	1.8	4.4
Aluminum extruded products	3354	34.3	13.2	6.5	2.2	6.8	12.5	6.0	2.1	6.5
Aluminum rolling and drawing, n.e.c.	3355	4.7	12.0	4.4	.4	7.6	11.9	4.3	.4	7.5
Nonferrous rolling and drawing, n.e.c.	3356	14.7	8.0	4.2	2.8	3.9	6.9	3.8	2.5	3.1
Nonferrous wiredrawing and insulating	3357	73.2	8.8	4.7	2.1	4.1	7.6	4.1	1.9	3.4
Nonferrous foundries (castings)	336	93.3	17.6	9.7	5.2	8.0	16.4	9.0	5.0	7.4
Aluminum die-castings	3363	39.3	17.6	8.5	5.0	9.1	16.0	7.6	4.7	8.4
Nonferrous die-casting except aluminum	3364	11.4	12.9	7.1	3.3	5.8	11.7	6.3	2.9	5.4
Aluminum foundries	3365	26.3	18.2	11.4	6.4	6.8	17.3	10.9	6.2	6.4
Miscellaneous primary metal products	339	30.9	10.3	5.0	2.8	5.4	9.8	4.8	2.7	5.1
Metal heat treating	3398	19.1	12.1	5.9	3.4	6.1	11.8	5.7	3.2	6.1
Primary metal products, n.e.c.	3399	11.8	7.6	3.4	1.9	4.2	6.7	3.3	1.8	3.4
Fabricated metal products	34	1,509.9	13.9	6.5	3.4	7.4	12.9	6.1	3.2	6.8

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Metal cans and shipping containers	341	36.8	11.1	4.4	2.0	6.7	10.2	4.3	1.9	5.9
Metal cans	3411	29.6	9.6	4.3	1.3	5.3	8.9	4.1	1.1	4.8
Cutlery, handtools, and hardware	342	127.4	13.8	6.8	2.7	7.1	12.4	6.0	2.4	6.4
Cutlery	3421	12.9	7.5	3.8	1.4	3.6	6.2	3.0	1.3	3.2
Hand and edge tools, n.e.c.	3423	36.3	14.6	7.3	2.7	7.3	13.2	6.7	2.5	6.5
Hardware, n.e.c.	3429	70.6	13.7	6.6	2.7	7.1	12.3	5.8	2.4	6.5
Plumbing and heating, except electric	343	58.6	10.7	4.7	1.7	6.0	8.6	4.2	1.5	4.3
Metal sanitary ware	3431	14.9	20.0	5.9	1.8	14.1	14.1	5.4	1.7	8.8
Plumbing fixture fittings and trim	3432	24.0	7.3	4.8	1.5	2.5	6.5	4.4	1.3	2.2
Heating equipment, except electric	3433	19.8	7.0	3.6	2.0	3.5	6.3	3.0	1.7	3.2
Fabricated structural metal products	344	467.5	14.5	6.6	4.1	7.9	14.0	6.4	4.0	7.6
Fabricated structural metal	3441	80.9	17.6	8.5	5.5	9.1	17.1	8.3	5.3	8.8
Metal doors, sash, and trim	3442	79.4	12.3	5.4	2.3	6.9	11.7	5.1	2.2	6.6
Fabricated plate work (boiler shops)	3443	105.8	15.5	7.6	5.2	7.9	14.7	7.3	5.0	7.5
Sheet metalwork	3444	123.7	13.6	6.0	3.6	7.6	13.3	5.7	3.5	7.5
Architectural metal work	3446	32.8	12.5	5.8	4.8	6.7	12.4	5.7	4.7	6.6
Prefabricated metal buildings	3448	30.6	15.8	5.3	3.3	10.5	15.4	5.1	3.2	10.2
Miscellaneous metal work	3449	14.2	11.3	5.7	2.7	5.6	10.8	5.6	2.7	5.3
Screw machine products, bolts, etc.	345	106.4	12.5	5.8	3.1	6.7	11.9	5.6	2.9	6.3
Screw machine products	3451	54.7	13.2	5.5	3.5	7.7	12.5	5.3	3.3	7.2
Bolts, nuts, rivets, and washers	3452	51.7	11.7	6.1	2.6	5.6	11.3	5.9	2.6	5.4
Metal forgings and stampings	346	258.4	17.9	8.1	3.6	9.9	15.9	7.2	3.2	8.6
Iron and steel forgings	3462	33.2	16.7	7.4	3.4	9.3	15.7	7.0	3.2	8.7
Nonferrous forgings	3463	9.3	10.2	7.4	2.1	2.8	9.3	7.0	2.0	2.3
Automotive stampings	3465	114.8	21.1	9.7	4.0	11.4	17.5	8.3	3.5	9.2
Metal stampings, n.e.c.	3469	96.4	15.8	6.5	3.2	9.3	15.0	6.1	3.1	8.8
Metal services, n.e.c.	347	145.0	12.5	6.1	3.2	6.3	11.7	6.0	3.1	5.7
Plating and polishing	3471	87.6	12.3	6.1	3.5	6.2	11.3	5.9	3.4	5.4
Metal coating and allied services	3479	57.4	12.8	6.2	2.8	6.6	12.1	6.1	2.6	6.1
Ordnance and accessories, n.e.c.	348	41.3	5.7	3.2	1.8	2.5	4.3	2.4	1.5	1.9
Ammunition, except for small arms, n.e.c.	3483	19.7	4.9	2.6	1.4	2.4	3.6	1.9	1.1	1.7
Small arms	3484	9.5	6.9	4.4	2.4	2.5	5.4	3.3	1.9	2.1
Ordnance and accessories, n.e.c.	3489	3.4	6.2	3.2	1.4	3.0	4.7	2.8	1.2	1.9
Miscellaneous fabricated metal products	349	268.4	12.7	6.1	3.2	6.6	12.0	5.8	3.0	6.2
Industrial valves	3491	26.9	11.0	4.0	2.3	7.0	10.2	3.8	2.1	6.4
Fluid power valves and hose fittings	3492	38.3	9.0	3.9	1.8	5.1	8.1	3.7	1.7	4.4
Valves and pipe fittings, n.e.c.	3494	25.3	9.9	5.2	2.8	4.7	9.6	4.9	2.6	4.6
Wire springs	3495	14.8	8.8	3.9	2.3	4.9	8.4	3.6	2.1	4.8
Miscellaneous fabricated wire products	3496	56.9	15.5	7.9	3.9	7.6	14.8	7.6	3.8	7.2
Metal foil and leaf	3497	5.0	8.6	5.4	1.8	3.3	8.5	5.4	1.8	3.2
Fabricated pipe and fittings	3498	30.2	14.3	7.9	4.3	6.4	13.4	7.6	4.1	5.8
Fabricated metal products, n.e.c.	3499	65.2	14.3	6.7	3.5	7.6	13.5	6.2	3.2	7.3
Industrial machinery and equipment	35	2,207.8	9.5	4.0	2.2	5.5	8.7	3.6	2.0	5.1
Engines and turbines	351	83.5	9.1	3.6	2.0	5.5	7.5	3.0	1.8	4.5
Turbines and turbine generator sets	3511	24.5	8.4	3.6	1.7	4.8	7.7	3.2	1.5	4.5
Internal combustion engines, n.e.c.	3519	59.0	9.4	3.6	2.2	5.7	7.5	3.0	1.9	4.5
Farm and garden machinery	352	104.9	12.2	5.0	2.7	7.2	11.1	4.5	2.5	6.6
Farm machinery and equipment	3523	78.6	11.4	4.5	2.8	6.9	10.7	4.2	2.7	6.5
Lawn and garden equipment	3524	26.3	14.5	6.6	2.4	7.9	12.1	5.3	2.0	6.7
Construction and related machinery	353	253.8	14.1	6.1	3.7	8.0	13.2	5.7	3.4	7.5
Construction machinery	3531	93.6	16.3	6.3	3.6	10.0	15.0	5.7	3.3	9.3
Mining machinery	3532	16.7	14.7	6.6	4.8	8.1	14.3	6.4	4.7	7.9
Elevators and moving stairways	3534	10.0	6.4	2.6	1.1	3.8	6.3	2.6	1.0	3.7

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Conveyors and conveying equipment	3535	40.1	13.0	6.0	3.5	7.0	12.7	5.9	3.4	6.8
Hoists, cranes, and monorails	3536	8.9	11.5	6.5	3.8	5.1	11.1	6.1	3.5	5.0
Industrial trucks and tractors	3537	33.8	16.2	7.8	3.8	8.4	15.1	7.2	3.5	7.9
Metalworking machinery	354	353.1	9.3	3.5	2.0	5.8	8.9	3.4	1.9	5.6
Machine tools, metal cutting types	3541	43.0	6.8	2.6	1.6	4.2	6.6	2.5	1.6	4.0
Machine tools, metal forming types	3542	17.6	14.6	5.0	3.4	9.6	14.3	4.9	3.3	9.4
Special dies, tools, jigs and fixtures	3544	168.9	9.5	3.3	1.9	6.2	9.3	3.2	1.8	6.1
Machine tool accessories	3545	55.9	9.0	3.9	1.9	5.2	8.5	3.7	1.8	4.9
Power-driven handtools	3546	21.0	6.0	2.2	1.4	3.8	5.4	1.9	1.2	3.4
Welding apparatus	3548	20.9	10.3	4.8	3.0	5.6	9.8	4.6	3.0	5.2
Metalworking machinery, n.e.c.	3549	12.0	9.4	5.1	1.7	4.3	9.2	5.0	1.7	4.2
Special industry machinery	355	179.1	8.9	3.3	1.7	5.5	8.4	3.1	1.7	5.3
Textile machinery	3552	14.1	6.9	2.4	1.0	4.6	6.3	2.2	.9	4.1
Woodworking machinery	3553	10.4	13.0	3.9	2.5	9.1	12.8	3.9	2.5	9.0
Paper industries machinery	3554	21.7	7.8	3.3	2.2	4.6	7.5	3.0	2.0	4.4
Printing trades machinery	3555	22.0	6.5	2.3	1.5	4.2	6.2	2.2	1.4	4.0
Food products machinery	3556	25.4	11.6	4.3	2.3	7.3	11.2	4.2	2.2	7.0
Special industry machinery, n.e.c.	3559	85.5	8.8	3.4	1.6	5.3	8.2	3.1	1.5	5.1
General industrial machinery	356	268.7	10.7	4.4	2.6	6.3	10.0	4.1	2.4	5.9
Pumps and pumping equipment	3561	31.0	8.1	3.7	2.2	4.4	7.1	3.2	2.0	3.9
Ball and roller bearings	3562	41.6	9.0	3.8	1.6	5.2	7.6	3.3	1.4	4.3
Air and gas compressors	3563	26.5	11.0	4.5	2.3	6.5	9.9	4.3	2.2	5.6
Blowers and fans	3564	36.6	11.6	5.1	3.3	6.4	11.2	4.9	3.1	6.2
Packaging machinery	3565	23.4	5.5	2.5	1.5	3.0	5.4	2.4	1.4	3.0
Speed changers, drives, and gears	3566	18.1	12.0	4.4	2.5	7.7	11.4	4.0	2.4	7.4
Industrial furnaces and ovens	3567	19.5	12.0	4.3	3.1	7.7	11.8	4.3	3.0	7.6
Power transmission equipment, n.e.c.	3568	22.3	15.7	5.3	3.6	10.4	15.1	5.0	3.4	10.1
General industrial machinery, n.e.c.	3569	49.6	12.3	5.4	3.2	6.9	11.6	5.0	3.0	6.7
Computer and office equipment	357	380.0	3.2	1.5	.5	1.6	2.4	1.2	.4	1.3
Electronic computers	3571	204.1	2.7	1.4	.4	1.3	2.0	1.0	.3	1.0
Computer storage devices	3572	42.4	3.6	1.7	.5	1.9	3.0	1.5	.4	1.5
Computer peripheral equipment, n.e.c.	3577	74.6	3.6	1.5	.8	2.1	2.7	1.1	.6	1.6
Office machines, n.e.c.	3579	27.9	5.4	2.4	.9	3.0	4.7	2.0	.8	2.7
Refrigeration and service machinery	358	205.4	13.0	5.6	2.3	7.4	11.3	4.9	2.1	6.4
Automatic vending machines	3581	9.0	12.8	6.9	3.5	5.9	12.2	6.5	3.3	5.7
Commercial laundry equipment	3582	5.7	18.0	8.5	5.3	9.5	17.6	8.2	5.1	9.4
Refrigeration and heating equipment	3585	142.6	13.7	5.7	2.2	8.0	11.8	4.9	2.0	6.9
Service industry machinery, n.e.c.	3589	43.8	10.0	4.7	2.2	5.3	8.7	4.2	2.0	4.5
Industrial machinery, n.e.c.	359	379.3	9.9	4.4	2.7	5.5	9.3	4.1	2.6	5.1
Carburetors, pistons, rings, valves	3592	23.5	12.5	6.1	2.9	6.4	10.0	5.2	2.5	4.8
Fluid power cylinders and actuators	3593	19.4	8.2	3.8	1.8	4.4	7.6	3.4	1.6	4.2
Scales and balances, except laboratory ..	3596	5.6	6.9	3.6	2.3	3.3	5.6	3.0	2.0	2.7
Industrial machinery, n.e.c.	3599	302.8	10.0	4.4	2.9	5.6	9.6	4.2	2.7	5.4
Electronic and other electric equipment	36	1,707.7	5.9	2.8	1.3	3.1	4.8	2.3	1.1	2.5
Electric distribution equipment	361	82.0	9.9	5.0	2.8	5.0	8.2	4.1	2.5	4.0
Transformers, except electronic	3612	37.9	11.2	4.8	2.8	6.4	9.1	4.0	2.4	5.1
Switchgear and switchboard apparatus	3613	44.1	8.8	5.1	2.8	3.7	7.4	4.3	2.6	3.1
Electrical industrial apparatus	362	153.9	7.2	3.3	1.4	3.9	5.6	2.6	1.2	3.0
Motors and generators	3621	75.7	8.6	4.2	1.7	4.4	7.0	3.4	1.4	3.7
Relays and industrial controls	3625	58.4	5.0	2.0	.9	3.0	3.5	1.5	.7	2.0
Electrical industrial apparatus, n.e.c.	3629	10.1	6.0	3.2	1.8	2.8	4.6	2.4	1.5	2.2
Household appliances	363	117.7	10.9	4.8	1.9	6.1	8.5	3.5	1.5	5.0
Household cooking equipment	3631	21.6	13.0	5.9	1.3	7.1	10.9	4.9	1.2	6.0
Household refrigerators and freezers	3632	27.4	12.4	5.4	1.9	7.0	9.4	3.6	1.4	5.8
Household laundry equipment	3633	16.3	12.9	6.0	1.4	6.9	9.4	3.7	1.1	5.7

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Electric housewares and fans	3634	25.3	8.5	3.8	2.5	4.7	6.6	3.0	2.1	3.6
Household appliances, n.e.c.	3639	14.2	11.1	5.1	2.7	6.1	8.6	4.0	2.3	4.7
Electric lighting and wiring equipment	364	183.8	7.3	3.5	1.7	3.8	6.3	3.1	1.5	3.3
Electric lamps	3641	20.6	4.9	2.5	1.7	2.4	4.4	2.3	1.5	2.2
Current-carrying wiring devices	3643	63.0	6.0	2.9	1.2	3.0	5.2	2.6	1.1	2.5
Noncurrent-carrying wiring devices	3644	18.9	11.4	7.7	3.1	3.7	10.2	6.9	2.9	3.3
Residential lighting fixtures	3645	21.8	7.5	2.8	1.8	4.7	7.1	2.5	1.6	4.6
Commercial lighting fixtures	3646	27.3	8.1	3.3	1.8	4.8	7.2	2.9	1.7	4.3
Vehicular lighting equipment	3647	18.3	10.0	4.5	1.6	5.5	7.5	3.2	1.2	4.3
Lighting equipment, n.e.c.	3648	14.0	5.8	2.6	1.7	3.2	5.0	2.1	1.4	2.9
Household audio and video equipment	365	80.6	6.4	3.5	1.7	2.9	5.4	2.9	1.5	2.4
Household audio and video equipment	3651	54.5	6.4	3.1	1.7	3.3	5.3	2.4	1.4	2.9
Prerecorded records and tapes	3652	26.1	6.6	4.4	1.8	2.2	5.5	3.9	1.7	1.5
Communications equipment	366	281.1	3.3	1.7	.8	1.6	2.7	1.4	.7	1.4
Telephone and telegraph apparatus	3661	123.2	2.8	1.5	.7	1.3	2.3	1.2	.5	1.0
Radio and TV communications equipment	3663	128.3	3.4	1.5	.8	1.9	2.7	1.1	.6	1.6
Electronic components and accessories	367	662.1	4.6	2.2	1.1	2.4	3.8	1.8	.9	2.0
Electron tubes	3671	22.0	10.0	4.5	2.5	5.4	8.7	3.9	2.1	4.8
Printed circuit boards	3672	141.6	5.7	2.9	1.4	2.8	5.0	2.7	1.2	2.4
Semiconductors and related devices	3674	283.9	2.9	1.3	.7	1.6	2.2	1.1	.6	1.2
Electronic capacitors	3675	18.7	6.8	2.1	.9	4.7	6.3	1.9	.8	4.4
Electronic resistors	3676	9.5	6.4	3.0	1.7	3.4	4.1	2.5	1.4	1.6
Electronic coils and transformers	3677	17.7	7.8	4.6	1.5	3.3	5.5	2.9	1.1	2.7
Electronic connectors	3678	20.8	5.6	2.9	1.6	2.7	4.8	2.5	1.3	2.3
Electronic components, n.e.c.	3679	147.9	5.1	2.2	1.1	2.8	4.3	1.9	1.0	2.5
Miscellaneous electrical equipment and supplies	369	146.5	7.4	3.3	1.4	4.1	5.1	2.4	1.1	2.7
Storage batteries	3691	26.4	9.2	3.9	1.4	5.4	6.5	2.9	1.1	3.6
Primary batteries, dry and wet	3692	12.3	3.6	2.2	1.3	1.4	2.8	1.9	1.2	.9
Engine electrical equipment	3694	64.3	8.7	3.9	1.6	4.8	5.4	2.7	1.2	2.7
Magnetic and optical recording media	3695	15.9	4.2	2.0	1.1	2.2	2.9	1.3	.6	1.6
Electrical equipment and supplies, n.e.c.	3699	27.5	6.1	2.5	1.3	3.6	5.5	2.3	1.2	3.2
Transportation equipment	37	1,894.8	14.6	6.6	2.7	8.0	11.2	5.3	2.3	5.9
Motor vehicles and equipment	371	997.4	17.9	7.8	3.0	10.1	13.1	6.0	2.5	7.1
Motor vehicles and car bodies	3711	343.7	23.9	10.4	4.0	13.5	15.8	7.4	3.0	8.3
Truck and bus bodies	3713	42.3	19.6	8.6	5.2	11.1	18.7	8.1	4.8	10.6
Motor vehicle parts and accessories	3714	551.6	13.5	5.9	2.1	7.6	10.2	4.5	1.8	5.7
Truck trailers	3715	39.5	23.4	9.6	6.0	13.8	21.6	8.8	5.6	12.8
Aircraft and parts	372	526.8	8.7	4.2	1.8	4.5	6.7	3.3	1.5	3.4
Aircraft	3721	273.0	8.9	4.3	1.9	4.6	6.2	3.2	1.5	3.0
Aircraft engines and engine parts	3724	102.3	6.2	2.8	1.0	3.4	5.4	2.5	.9	2.9
Aircraft parts and equipment, n.e.c.	3728	151.5	10.0	5.0	2.1	5.0	8.6	4.2	1.9	4.4
Ship and boat building and repairing	373	166.1	20.5	10.2	4.7	10.3	17.6	8.9	4.3	8.7
Ship building and repairing	3731	105.9	22.4	11.5	4.8	10.9	18.9	10.0	4.4	8.8
Boat building and repairing	3732	60.2	17.0	7.7	4.4	9.3	15.2	6.8	4.0	8.3
Railroad equipment	374	37.1	11.6	5.1	2.9	6.5	10.8	4.8	2.7	5.9
Motorcycles, bicycles, and parts	375	21.2	13.5	5.9	2.6	7.6	10.8	4.8	2.2	6.1
Guided missiles, space vehicles, parts	376	91.3	3.3	1.5	.7	1.8	2.6	1.3	.6	1.3
Guided missiles and space vehicles	3761	62.5	3.0	1.3	.6	1.8	2.3	1.0	.5	1.3
Space propulsion units and parts	3764	16.7	3.2	1.6	.5	1.7	2.8	1.4	.5	1.4
Space vehicle equipment, n.e.c.	3769	12.1	4.3	2.6	1.6	1.8	3.5	2.4	1.5	1.1
Miscellaneous transportation equipment	379	54.8	14.7	7.3	3.5	7.5	13.7	6.6	3.3	7.1
Travel trailers and campers	3792	22.0	15.7	7.5	3.8	8.3	15.0	7.0	3.5	7.9

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Tanks and tank components	3795	6.2	4.9	2.9	0.8	2.1	4.5	2.7	0.7	1.8
Transportation equipment, n.e.c.	3799	26.6	16.3	8.2	4.0	8.1	14.9	7.3	3.7	7.7
Instruments and related products	38	869.6	4.0	1.9	.8	2.1	3.0	1.5	.7	1.5
Search and navigation equipment	381	160.3	1.9	.9	.5	1.0	1.4	.7	.4	.7
Measuring and controlling devices	382	305.1	4.0	1.9	.8	2.2	3.0	1.4	.6	1.6
Environmental controls	3822	40.0	5.8	2.4	1.2	3.4	4.5	1.9	.9	2.6
Process control instruments	3823	67.4	4.2	2.3	.8	1.9	—	1.6	.6	1.7
Fluid meters and counting devices	3824	11.7	6.3	1.8	.8	4.5	5.0	1.4	.6	3.5
Instruments to measure electricity	3825	77.6	3.4	1.6	.8	1.9	2.2	1.1	.6	1.1
Analytical instruments	3826	32.1	3.4	1.6	.7	1.8	2.3	1.1	.6	1.2
Optical instruments and lenses	3827	23.4	2.5	1.1	.8	1.4	2.4	1.1	.7	1.4
Measuring and controlling devices, n.e.c.	3829	43.0	3.3	1.4	.4	1.9	2.6	1.2	.3	1.4
Medical instruments and supplies	384	281.0	4.7	2.3	.9	2.4	3.6	1.8	.8	1.9
Surgical and medical instruments	3841	112.4	4.7	2.2	.9	2.5	3.6	1.6	.7	2.0
Surgical appliances and supplies	3842	95.7	5.2	2.8	1.0	2.4	4.3	2.3	.9	1.9
Dental equipment and supplies	3843	15.0	6.9	2.9	1.9	4.0	4.0	1.9	1.2	2.2
X-ray apparatus and tubes	3844	13.2	3.0	1.6	.5	1.4	2.5	1.3	.3	1.1
Electromedical equipment	3845	44.7	3.5	1.4	.6	2.1	2.8	1.1	.6	1.7
Ophthalmic goods	385	34.8	6.8	3.8	1.6	3.0	4.2	2.4	1.1	1.8
Photographic equipment and supplies	386	81.4	4.6	2.3	1.0	2.3	3.6	2.0	.8	1.7
Miscellaneous manufacturing industries	39	394.9	8.1	3.9	2.2	4.2	7.4	3.5	2.0	3.9
Jewelry, silverware, and plated ware	391	50.3	4.0	1.6	1.0	2.4	3.3	1.3	.8	1.9
Jewelry, precious metal	3911	37.7	3.6	1.1	.7	2.5	2.8	.8	.5	1.9
Musical instruments	393	16.3	10.0	5.3	3.2	4.8	9.1	4.8	3.0	4.3
Toys and sporting goods	394	106.4	9.9	4.6	2.4	5.3	8.9	4.1	2.1	4.8
Dolls and stuffed toys	3942	5.1	.8	.6	.6	—	.7	.6	.5	—
Games, toys, and children's vehicles	3944	29.8	11.9	5.2	3.3	6.8	10.7	4.5	2.9	6.2
Sporting and athletic goods, n.e.c.	3949	71.5	9.7	4.6	2.1	5.1	8.8	4.2	1.9	4.6
Pens, pencils, office, and art supplies	395	30.7	6.7	3.8	2.0	2.9	6.0	3.5	1.8	2.5
Pens and mechanical pencils	3951	9.0	6.5	3.5	2.1	3.0	5.8	3.1	1.8	2.6
Costume jewelry and notions	396	21.5	5.7	2.2	1.5	3.5	5.2	1.9	1.4	3.2
Costume jewelry	3961	11.8	3.3	1.3	.9	2.0	2.9	1.2	.8	1.8
Fasteners, buttons, needles, and pins	3965	9.7	8.2	3.1	2.2	5.1	7.6	2.8	2.0	4.8
Miscellaneous manufactures	399	169.7	8.6	4.2	2.4	4.4	8.1	3.9	2.2	4.1
Brooms and brushes	3991	14.6	10.3	4.6	3.6	5.7	9.2	4.0	3.2	5.2
Signs and advertising specialities	3993	71.5	8.7	4.3	2.6	4.4	8.4	4.1	2.5	4.3
Burial caskets	3995	8.3	7.9	3.8	2.2	4.1	6.9	3.3	2.1	3.6
Hard surface floor coverings, n.e.c.	3996	6.7	5.9	3.5	1.8	2.5	5.7	3.4	1.8	2.4
Manufacturing industries, n.e.c.	3999	68.7	8.5	4.2	1.9	4.3	7.8	3.8	1.7	4.0
Nondurable goods		7,598.0	8.2	4.3	2.0	3.9	7.1	3.7	1.8	3.4
Food and kindred products	20	1,686.7	13.6	7.5	2.9	6.0	11.0	6.1	2.7	4.9
Meat products	201	494.0	20.1	11.4	2.3	8.7	13.2	7.4	1.9	5.8
Meat packing plants	2011	149.4	29.3	16.7	3.4	12.6	18.0	9.9	2.8	8.0
Sausages and other prepared meats	2013	96.3	13.4	8.5	3.2	4.9	10.9	6.8	2.6	4.0
Poultry slaughtering and processing	2015	248.3	16.8	9.2	1.2	7.6	11.2	6.0	1.0	5.2
Dairy products	202	141.5	11.3	6.3	4.2	4.9	10.7	6.1	4.0	4.7
Cheese, natural and processed	2022	39.3	8.3	4.5	2.9	3.9	7.5	4.0	2.6	3.5
Dry, condensed, evaporated products	2023	15.7	6.3	3.2	2.1	3.1	5.6	2.9	2.0	2.7
Ice cream and frozen desserts	2024	22.7	13.1	8.2	4.4	4.9	12.3	7.7	4.1	4.6
Fluid milk	2026	61.9	13.3	7.5	5.3	5.8	13.1	7.4	5.2	5.7
Preserved fruits and vegetables	203	226.6	10.2	4.9	2.5	5.3	9.5	4.6	2.3	4.9
Canned specialties	2032	17.0	7.9	3.5	1.2	4.4	7.4	3.3	1.1	4.1
Canned fruits and vegetables	2033	68.9	11.2	5.1	3.2	6.1	10.7	4.9	3.1	5.8

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Dehydrated fruits, vegetables, soups	2034	16.8	9.2	4.2	2.2	5.1	8.7	4.0	2.1	4.7
Pickles, sauces, and salad dressings	2035	22.3	7.1	3.9	2.1	3.2	6.4	3.6	1.9	2.8
Frozen fruits and vegetables	2037	47.6	11.4	5.7	2.9	5.8	10.4	5.2	2.7	5.2
Frozen specialties, n.e.c.	2038	53.9	10.2	5.2	1.7	5.0	9.1	4.6	1.5	4.5
Grain mill products	204	125.4	8.6	4.3	2.9	4.3	8.2	4.1	2.8	4.0
Cereal breakfast foods	2043	18.6	5.6	2.5	1.4	3.1	4.9	2.3	1.4	2.6
Rice milling	2044	4.8	13.7	5.8	4.0	7.8	13.3	5.7	3.8	7.6
Prepared flour mixes and doughs	2045	13.8	12.9	8.1	5.7	4.8	11.6	7.2	4.9	4.4
Wet corn milling	2046	10.2	6.8	2.7	1.9	4.1	6.6	2.7	1.9	4.0
Dog and cat food	2047	19.6	9.1	4.3	1.9	4.8	8.6	4.1	1.8	4.5
Prepared feeds, n.e.c.	2048	39.5	8.2	3.9	2.6	4.3	8.0	3.8	2.6	4.2
Bakery products	205	206.0	10.3	6.6	2.7	3.7	9.5	6.2	2.6	3.4
Bread, cake, and related products	2051	145.5	9.7	6.4	2.4	3.2	9.2	6.2	2.3	3.1
Cookies and crackers	2052	49.9	11.9	6.9	3.8	5.0	10.4	6.2	3.6	4.2
Sugar and confectionery products	206	97.1	10.4	5.2	2.9	5.2	9.6	4.8	2.7	4.8
Raw cane sugar	2061	5.3	13.4	3.5	3.3	9.9	13.4	3.5	3.3	9.9
Beet sugar	2063	8.2	11.2	6.9	3.8	4.3	10.9	6.8	3.7	4.1
Candy and other confectionery products ..	2064	53.7	10.8	5.7	2.9	5.1	9.8	5.1	2.5	4.7
Chocolate and cocoa products	2066	13.6	7.2	3.5	1.4	3.7	6.4	3.1	1.3	3.2
Fats and oils	207	31.4	12.1	5.2	3.1	6.9	12.0	5.1	3.1	6.8
Beverages	208	185.1	12.3	7.0	3.9	5.2	11.8	6.9	3.8	4.9
Malt beverages	2082	33.7	8.8	3.6	1.7	5.2	7.7	3.3	1.5	4.3
Wines, brandy, and brandy spirits	2084	23.7	10.9	5.7	3.1	5.3	10.4	5.4	3.0	4.9
Distilled and blended liquors	2085	7.6	12.4	6.1	2.4	6.3	11.9	5.8	2.2	6.1
Bottled and canned soft drinks	2086	97.9	15.3	9.5	5.4	5.8	15.0	9.3	5.3	5.7
Flavoring extracts and syrups, n.e.c.	2087	20.8	4.6	2.5	1.0	2.1	4.4	2.4	.9	1.9
Miscellaneous food and kindred products	209	179.5	11.5	6.2	3.7	5.3	10.0	5.4	3.2	4.6
Canned and cured fish and seafoods	2091	7.3	11.9	7.0	4.7	4.9	10.2	5.6	4.2	4.7
Fresh or frozen prepared fish	2092	42.0	16.8	8.2	6.3	8.7	13.3	6.5	4.9	6.8
Roasted coffee	2095	9.4	7.5	3.1	2.0	4.4	7.3	3.0	1.9	4.4
Potato chips and similar snacks	2096	31.4	12.6	7.8	3.1	4.8	10.3	6.1	2.7	4.1
Food preparations, n.e.c.	2099	73.5	9.4	5.3	3.0	4.1	8.9	5.1	2.9	3.8
Tobacco products	21	40.2	6.4	3.1	2.1	3.3	5.9	2.9	2.0	3.0
Cigarettes	211	26.7	5.5	2.3	1.8	3.2	5.1	2.2	1.8	2.9
Textile mill products	22	596.5	6.7	3.4	1.3	3.3	6.0	3.1	1.2	2.9
Broadwoven fabric mills, cotton	221	70.9	5.2	2.6	.4	2.6	4.6	2.5	.3	2.1
Broadwoven fabric mills, manmade	222	62.2	9.2	4.7	2.0	4.5	8.7	4.6	1.9	4.1
Broadwoven fabric mills, wool	223	13.0	4.3	2.5	.7	1.8	3.9	2.3	.6	1.6
Narrow fabric mills	224	21.3	6.5	3.9	1.9	2.5	5.8	3.7	1.8	2.1
Knitting mills	225	158.0	6.3	3.6	1.2	2.7	5.1	3.0	1.0	2.2
Women's hosiery, except socks	2251	17.9	5.3	3.2	.6	2.1	4.0	2.6	.5	1.4
Hosiery, n.e.c.	2252	36.9	7.4	4.4	1.6	3.0	5.0	2.8	1.2	2.2
Knit outerwear mills	2253	48.6	5.2	2.9	.8	2.2	4.5	2.6	.7	2.0
Knit underwear mills	2254	10.4	8.3	4.7	1.8	3.6	6.5	3.7	—	2.8
Weft knit fabric mills	2257	23.1	8.0	4.8	1.5	3.3	7.4	4.6	1.4	2.8
Lace and warp knit fabric mills	2258	17.9	4.7	2.6	1.1	2.1	4.4	2.5	1.1	1.9
Textile finishing, except wool	226	65.1	7.4	3.4	1.8	4.0	7.1	3.3	1.7	3.9
Finishing plants, cotton	2261	29.5	7.0	3.4	1.7	3.6	6.7	3.2	1.5	3.5
Finishing plants, manmade	2262	20.9	8.5	3.7	1.7	4.8	8.4	3.6	1.7	4.8
Finishing plants, n.e.c.	2269	14.7	6.5	3.1	2.4	3.4	6.1	2.9	2.2	3.2
Carpets and rugs	227	62.8	5.9	2.8	1.1	3.1	5.6	2.6	1.0	3.0
Yarn and thread mills	228	87.5	5.6	2.5	.7	3.1	4.7	2.4	.7	2.3
Yarn spinning mills	2281	63.4	6.2	2.8	.7	3.3	5.0	2.7	.6	2.3
Throwing and winding mills	2282	16.9	4.0	2.1	1.2	1.9	3.7	2.0	1.1	1.7
Miscellaneous textile goods	229	55.6	9.3	4.4	2.6	4.8	8.7	4.3	2.6	4.4

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Coated fabrics, not rubberized	2295	9.8	14.1	6.0	4.9	8.1	13.2	6.0	4.9	7.1
Tire cord and fabrics	2296	6.7	11.1	6.7	2.2	4.4	10.6	6.5	2.1	4.2
Nonwoven fabrics	2297	13.8	4.3	2.3	.5	2.0	3.9	2.3	.5	1.6
Cordage and twine	2298	7.4	11.3	4.1	2.7	7.2	10.7	3.9	2.5	6.8
Textile goods, n.e.c.	2299	17.9	8.9	4.5	3.0	4.4	8.3	4.3	3.0	4.1
Apparel and other textile products	23	762.5	6.2	2.6	1.2	3.6	4.9	2.1	1.0	2.9
Men's and boys' suits and coats	231	26.7	5.7	3.1	2.1	2.7	4.4	2.3	1.7	2.0
Men's and boys' furnishings	232	181.6	8.5	3.7	1.7	4.8	6.1	2.6	1.3	3.5
Men's and boys' shirts	2321	36.9	7.2	3.5	1.5	3.8	5.6	2.4	1.3	3.2
Men's and boys' underwear and nightwear	2322	12.5	9.1	2.7	.7	6.5	7.3	2.3	.5	5.0
Men's and boys' trousers and slacks	2325	59.1	11.3	4.8	2.3	6.5	6.7	3.0	1.4	3.8
Men's and boys' work clothing	2326	29.1	8.3	4.3	1.8	4.0	6.4	3.0	1.4	3.4
Men's and boys' clothing, n.e.c.	2329	39.2	6.0	2.4	1.5	3.6	5.3	2.2	1.3	3.2
Women's and misses' outerwear	233	231.5	3.2	1.1	.6	2.1	2.6	.9	.5	1.7
Women's, junior's, and misses' dresses	2335	32.5	1.8	.8	.6	1.0	1.8	.7	.6	1.0
Women's and misses' suits and coats	2337	20.5	4.3	1.6	.9	2.7	4.0	1.5	.8	2.4
Women's and misses' outerwear, n.e.c.	2339	158.9	3.5	1.2	.5	2.3	2.8	.9	.4	1.8
Women's and children's undergarments	234	30.9	5.3	2.3	.9	3.0	4.6	1.8	.6	2.8
Women's and children's underwear	2341	22.7	4.5	2.4	.8	2.1	3.9	1.9	.6	2.0
Hats, caps, and millinery	235	16.4	9.5	4.0	1.5	5.4	6.5	2.9	1.1	3.6
Girls' and children's outerwear	236	24.6	5.2	1.9	1.1	3.3	4.0	1.6	1.0	2.4
Girls' and children's outerwear, n.e.c.	2369	15.1	5.9	2.4	1.3	3.5	4.5	2.0	1.2	2.5
Miscellaneous apparel and accessories	238	32.4	4.5	2.0	1.5	2.5	4.2	1.8	1.3	2.4
Apparel belts	2387	4.9	6.3	2.1	1.6	4.2	6.3	2.1	1.6	4.1
Apparel and accessories, n.e.c.	2389	15.1	4.0	1.8	1.2	2.2	3.8	1.7	1.2	2.1
Miscellaneous fabricated textile products	239	217.8	7.8	3.4	1.4	4.4	6.5	2.8	1.2	3.7
Curtains and draperies	2391	19.4	7.1	3.8	2.5	3.3	6.2	3.3	2.1	2.9
Housefurnishings, n.e.c.	2392	55.4	7.4	3.2	1.1	4.2	6.7	2.9	1.0	3.8
Textile bags	2393	9.9	9.3	3.4	1.9	5.9	8.1	2.8	1.6	5.3
Canvas and related products	2394	19.8	7.4	3.6	1.9	3.8	7.0	3.2	1.6	3.7
Pleating and stitching	2395	18.2	3.8	1.2	.6	2.6	3.6	1.1	.5	2.5
Automotive and apparel trimmings	2396	61.0	8.6	4.3	1.3	4.3	6.7	3.3	1.2	3.4
Fabricated textile products, n.e.c.	2399	31.3	10.0	3.3	1.7	6.7	7.4	2.5	1.2	4.9
Paper and allied products	26	678.6	7.1	3.7	2.0	3.3	6.6	3.5	1.9	3.1
Pulp mills	261	11.9	4.1	1.9	1.2	2.2	3.8	1.7	1.1	2.1
Paper mills	262	154.5	6.5	2.9	1.6	3.5	5.8	2.7	1.5	3.0
Paperboard mills	263	49.1	4.2	2.1	1.2	2.2	4.0	2.0	1.2	2.0
Paperboard containers and boxes	265	220.2	8.2	4.5	2.5	3.8	7.9	4.3	2.3	3.6
Corrugated and solid fiber boxes	2653	134.1	8.4	4.6	2.4	3.8	8.0	4.3	2.3	3.6
Fiber cans, drums and similar products	2655	14.7	10.3	6.2	2.9	4.1	10.0	6.2	2.9	3.9
Sanitary food containers	2656	17.3	9.4	6.1	3.9	3.4	8.9	5.8	3.7	3.1
Folding paperboard boxes	2657	47.0	7.2	3.5	2.1	3.6	6.7	3.2	1.9	3.5
Miscellaneous converted paper products	267	242.9	7.1	4.0	2.1	3.1	6.6	3.7	1.9	2.9
Paper coated and laminated, packaging ..	2671	22.6	7.0	4.2	2.2	2.9	6.5	3.9	2.0	2.6
Paper coated and laminated, n.e.c.	2672	46.5	4.6	2.3	1.0	2.3	4.2	2.1	.9	2.1
Bags: plastics, laminated, and coated	2673	40.0	9.1	5.4	2.4	3.7	8.8	5.3	2.3	3.6
Bags: uncoated paper and multiwall	2674	16.7	10.8	6.3	3.6	4.5	10.1	5.8	3.3	4.4
Die-cut paper and board	2675	20.9	7.0	3.6	2.2	3.4	6.4	3.2	2.0	3.2
Sanitary paper products	2676	31.3	6.5	3.3	2.0	3.3	5.9	3.1	1.9	2.8
Envelopes	2677	23.9	5.6	3.5	1.6	2.1	5.1	3.1	1.4	1.9
Stationery products	2678	7.4	5.7	3.1	2.2	2.6	5.0	2.8	2.0	2.2
Converted paper products, n.e.c.	2679	33.6	8.5	4.9	2.4	3.6	7.8	4.5	2.2	3.3
Printing and publishing	27	1,556.4	5.4	2.8	1.7	2.6	4.9	2.5	1.6	2.4
Newspapers	271	441.0	5.4	2.7	2.0	2.7	4.9	2.5	1.9	2.4

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Periodicals	272	136.7	2.4	1.3	0.7	1.1	2.2	1.2	0.6	1.0
Books	273	125.3	6.0	3.0	1.8	3.0	5.6	2.8	1.8	2.7
Book publishing	2731	85.9	4.7	2.2	1.7	2.5	4.4	2.1	1.6	2.2
Book printing	2732	39.4	8.4	4.4	2.2	3.9	7.9	4.1	2.0	3.7
Miscellaneous publishing	274	90.6	2.7	1.0	.6	1.7	2.5	.8	.5	1.7
Commercial printing	275	580.0	6.3	3.4	1.9	3.0	5.9	3.1	1.7	2.8
Commercial printing, lithographic	2752	374.8	6.4	3.5	1.9	2.9	6.0	3.1	1.8	2.8
Commercial printing, gravure	2754	20.8	8.7	5.1	2.2	3.6	8.0	4.7	2.1	3.3
Commercial printing, n.e.c.	2759	184.5	5.8	2.9	1.7	2.9	5.5	2.8	1.6	2.7
Manifold business forms	276	41.0	7.0	3.7	2.2	3.2	6.4	3.4	2.0	3.0
Greeting cards	277	27.8	5.2	2.7	.7	2.5	3.8	2.0	.5	1.8
Blankbooks and bookbinding	278	64.2	6.3	3.8	2.3	2.5	5.7	3.4	2.1	2.3
Blankbooks and looseleaf binders	2782	36.4	6.4	3.7	2.0	2.7	5.7	3.2	1.7	2.5
Bookbinding and related work	2789	27.8	6.2	3.9	2.6	2.3	5.7	3.6	2.5	2.0
Printing trade services	279	49.7	2.5	.8	.6	1.7	2.4	.8	.6	1.6
Typesetting	2791	18.0	1.1	.4	.2	.8	1.0	.3	.2	.7
Platemaking services	2796	31.7	3.1	1.0	.7	2.1	3.1	1.0	.7	2.1
Chemicals and allied products	28	1,039.7	4.2	2.1	1.0	2.1	3.7	1.9	1.0	1.8
Industrial inorganic chemicals	281	115.4	3.7	1.8	.9	1.9	3.6	1.8	.9	1.8
Alkalies and chlorine	2812	10.3	2.9	1.3	.5	1.5	2.7	1.3	.5	1.5
Industrial gases	2813	24.3	3.3	1.7	.7	1.6	3.3	1.7	.7	1.5
Inorganic pigments	2816	11.4	3.5	2.1	1.2	1.5	3.5	2.0	1.2	1.4
Industrial inorganic chemicals, n.e.c.	2819	69.4	4.0	1.9	1.0	2.2	3.8	1.8	.9	2.0
Plastics materials and synthetics	282	155.5	3.1	1.6	.7	1.5	2.7	1.4	.6	1.3
Plastics materials and resins	2821	78.0	3.4	1.7	.7	1.8	3.1	1.5	.7	1.5
Organic fibers, noncellulosic	2824	44.6	2.3	1.2	.5	1.1	1.9	1.0	.4	.9
Drugs	283	277.7	4.2	1.8	.9	2.4	3.4	1.5	.8	1.8
Medicinals and botanicals	2833	24.8	3.8	1.7	.5	2.0	3.0	1.5	.4	1.5
Pharmaceutical preparations	2834	217.7	4.2	1.9	.9	2.3	3.3	1.5	.8	1.7
Diagnostic substances	2835	16.0	4.7	1.7	.9	3.0	4.1	1.5	.9	2.6
Biological products except diagnostic	2836	19.2	5.6	1.5	.8	4.1	4.2	1.4	.8	2.8
Soap, cleaners, and toilet goods	284	156.4	4.8	2.5	1.3	2.3	4.3	2.3	1.2	2.0
Soap and other detergents	2841	40.2	3.5	1.9	.8	1.6	2.9	1.6	.7	1.3
Polishes and sanitation goods	2842	31.9	6.6	3.4	1.6	3.2	5.9	3.1	1.5	2.9
Toilet preparations	2844	76.2	4.9	2.6	1.5	2.3	4.5	2.4	1.4	2.1
Paints and allied products	285	52.2	6.7	3.8	2.2	2.9	6.4	3.6	2.1	2.8
Industrial organic chemicals	286	136.6	2.7	1.3	.6	1.3	2.3	1.2	.5	1.1
Cyclic crudes and intermediates	2865	22.8	2.9	1.6	.7	1.3	2.6	1.5	.6	1.1
Industrial organic chemicals, n.e.c.	2869	111.5	2.5	1.2	.5	1.3	2.1	1.1	.5	1.0
Agricultural chemicals	287	51.5	5.3	2.8	1.5	2.5	4.9	2.6	1.3	2.3
Phosphatic fertilizers	2874	9.6	5.2	2.8	—	2.4	4.7	2.7	—	1.9
Agricultural chemicals, n.e.c.	2879	23.6	2.7	1.1	.4	1.6	2.3	1.0	.4	1.3
Miscellaneous chemical products	289	94.4	6.1	3.3	1.8	2.8	5.4	3.0	1.7	2.5
Adhesives and sealants	2891	25.9	7.0	3.2	1.9	3.8	6.3	3.0	1.9	3.3
Explosives	2892	7.8	5.6	3.9	1.4	1.7	4.7	3.4	1.3	1.3
Printing ink	2893	16.4	4.1	2.5	1.3	1.6	3.7	2.3	1.2	1.4
Chemical preparations, n.e.c.	2899	41.2	6.5	3.5	2.0	3.0	5.7	3.1	1.8	2.7
Petroleum and coal products	29	138.9	3.9	1.8	1.1	2.2	3.8	1.7	1.1	2.1
Petroleum refining	291	95.3	1.9	1.0	.6	.9	1.8	1.0	.6	.8
Asphalt paving and roofing materials	295	29.1	10.3	4.0	2.7	6.3	10.2	3.9	2.6	6.3
Asphalt paving mixtures and blocks	2951	15.8	8.9	2.6	2.0	6.3	8.9	2.6	2.0	6.3
Asphalt felts and coatings	2952	13.3	11.9	5.6	3.5	6.4	11.7	5.4	3.4	6.2
Miscellaneous petroleum and coal products	299	14.6	5.6	2.7	1.9	2.9	5.5	2.7	1.9	2.8
Lubricating oils and greases	2992	12.3	5.2	2.3	1.6	2.9	5.2	2.3	1.6	2.9

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Rubber and miscellaneous plastics products	30	1,013.9	11.2	5.8	2.7	5.4	10.4	5.3	2.5	5.1
Tires and inner tubes	301	79.0	10.5	6.2	2.5	4.3	9.7	5.9	2.3	3.7
Rubber and plastics footwear	302	6.2	5.9	3.0	1.0	2.9	5.3	2.8	.9	2.6
Hose and belting and gaskets and packing	305	70.7	10.3	5.4	2.2	4.8	9.2	4.9	2.0	4.3
Rubber and plastics hose and belting	3052	28.9	10.9	5.8	2.0	5.1	9.8	5.2	1.8	4.6
Gaskets, packing and sealing devices	3053	41.8	9.8	5.1	2.3	4.6	8.8	4.7	2.1	4.1
Fabricated rubber products, n.e.c.	306	112.9	11.5	6.3	3.4	5.2	10.2	5.6	3.0	4.6
Mechanical rubber goods	3061	52.5	11.9	6.3	3.2	5.6	10.7	5.6	3.0	5.1
Fabricated rubber products, n.e.c.	3069	60.4	11.2	6.4	3.6	4.8	9.7	5.6	3.1	4.1
Miscellaneous plastics products, n.e.c.	308	745.1	11.4	5.7	2.7	5.7	10.6	5.2	2.5	5.4
Unsupported plastics film and sheet	3081	63.3	8.3	4.5	1.7	3.8	7.7	4.1	1.7	3.6
Unsupported plastics profile shapes	3082	25.6	12.5	5.8	4.0	6.7	11.8	5.5	3.7	6.3
Laminated plastics plate and sheet	3083	25.0	9.6	5.9	3.4	3.8	8.2	4.9	3.0	3.4
Plastics pipe	3084	18.7	11.8	5.2	3.7	6.6	11.5	5.2	3.6	6.3
Plastics bottles	3085	33.7	9.6	4.0	2.0	5.5	9.4	4.0	1.9	5.4
Plastics foam products	3086	58.2	10.6	6.1	2.6	4.4	9.9	5.8	2.5	4.2
Custom compound purchased resins	3087	26.0	13.4	7.4	2.8	6.0	11.3	5.7	2.4	5.6
Plastics plumbing fixtures	3088	21.0	8.6	3.8	1.8	4.8	7.8	3.3	1.7	4.5
Plastics products, n.e.c.	3089	473.7	12.0	5.9	2.7	6.1	11.3	5.5	2.6	5.8
Leather and leather products	31	84.6	9.8	4.5	2.2	5.2	7.0	3.2	1.6	3.8
Leather tanning and finishing	311	12.8	12.7	7.7	2.5	5.0	9.9	5.7	2.2	4.2
Footwear, except rubber	314	36.4	11.3	4.4	2.5	6.9	7.0	2.8	1.7	4.3
Men's footwear, except athletic	3143	20.7	11.9	4.7	2.4	7.1	8.0	3.0	1.5	5.0
Women's footwear, except athletic	3144	8.9	7.1	3.6	2.1	3.5	5.2	2.5	1.7	2.7
Luggage	316	9.8	6.9	2.8	1.9	4.1	5.8	2.0	1.4	3.7
Handbags and personal leather goods	317	9.0	5.4	2.6	1.4	2.7	5.0	2.4	1.3	2.6
Women's handbags and purses	3171	3.1	3.5	1.7	1.2	1.7	3.5	1.7	1.2	1.7
Leather goods, n.e.c.	319	12.5	7.1	3.3	.9	3.8	6.8	3.0	.7	3.8
Transportation and public utilities⁸		6,367.4	7.3	4.3	3.2	3.0	7.0	4.2	3.1	2.8
Railroad transportation ⁸	40	—	3.4	2.5	2.1	.9	3.3	2.5	2.1	.8
Local and interurban passenger transit	41	448.5	8.8	4.4	3.5	4.4	8.5	4.3	3.4	4.1
Local and suburban transportation	411	217.0	10.8	5.7	4.5	5.1	10.3	5.6	4.4	4.7
Taxicabs	412	31.1	6.5	3.4	2.7	3.1	6.4	3.4	2.7	3.1
Bus charter service	414	33.9	4.4	2.4	2.0	2.0	4.3	2.4	2.0	1.9
School buses	415	140.8	7.3	3.0	2.3	4.3	7.1	2.9	2.2	4.2
Trucking and warehousing	42	1,739.0	8.4	4.6	3.8	3.7	8.3	4.6	3.8	3.7
Trucking and courier services, except air	421	1,565.3	8.4	4.7	3.9	3.7	8.3	4.6	3.9	3.7
Public warehousing and storage	422	168.0	8.6	4.6	2.7	4.0	8.5	4.5	2.7	3.9
Water transportation	44	184.4	7.5	3.9	3.4	3.6	7.3	3.9	3.4	3.4
Deep sea domestic transportation of freight	442	8.7	8.7	4.8	4.5	3.9	7.0	4.6	4.3	2.4
Water transportation of freight, n.e.c.	444	15.0	6.7	3.0	2.6	3.8	6.7	3.0	2.6	3.8
Water transportation of passengers	448	22.3	6.4	1.5	1.2	4.8	6.3	1.4	1.1	4.8
Water transportation services	449	123.3	8.4	4.8	4.2	3.5	8.3	4.8	4.2	3.5
Transportation by air	45	1,196.0	14.5	10.0	7.4	4.5	14.0	9.8	7.2	4.3
Air transportation, scheduled	451	1,021.9	15.9	11.2	8.4	4.7	15.3	10.9	8.2	4.4
Air transportation, nonscheduled	452	47.4	4.0	1.3	.8	2.8	4.0	1.3	.8	2.8
Pipelines, except natural gas	46	13.6	2.2	.7	.6	1.5	2.2	.7	.6	1.5
Transportation services	47	452.7	3.4	1.8	1.1	1.6	3.2	1.7	1.0	1.5
Passenger transportation arrangement	472	218.1	.6	.2	.2	.4	.5	.2	.2	.4
Freight transportation arrangement	473	184.2	4.5	2.5	1.6	1.9	4.3	2.4	1.5	1.9

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Miscellaneous transportation services	478	48.2	10.8	5.9	2.9	4.9	10.6	5.8	2.8	4.7
Communications	48	1,475.2	3.0	1.6	1.2	1.4	2.7	1.4	1.0	1.3
Telephone communications	481	1,011.1	2.6	1.5	1.1	1.1	2.2	1.3	1.0	.9
Radio and television broadcasting	483	244.9	2.1	.7	.6	1.4	2.0	.7	.6	1.3
Cable and other pay television services	484	185.6	6.6	3.4	2.1	3.2	6.4	3.3	2.0	3.1
Electric, gas, and sanitary services	49	856.5	6.3	3.3	1.8	3.0	5.9	3.2	1.7	2.7
Electric services	491	363.3	5.1	2.4	1.2	2.7	4.7	2.4	1.2	2.3
Gas production and distribution	492	137.9	4.9	2.9	1.7	2.0	4.6	2.8	1.6	1.8
Combination utility services	493	158.9	4.9	2.4	1.2	2.4	4.3	2.3	1.1	2.0
Water supply	494	30.0	7.5	4.6	3.1	2.9	7.1	4.5	3.0	2.6
Sanitary services	495	162.4	11.0	6.0	3.5	5.1	10.8	5.9	3.4	4.9
Wholesale and retail trade		29,087.1	6.5	2.8	1.8	3.6	6.3	2.8	1.8	3.6
Wholesale trade		6,816.1	6.5	3.3	2.1	3.2	6.3	3.2	2.0	3.1
Wholesale trade—durable goods	50	4,047.4	5.9	2.8	1.7	3.1	5.7	2.7	1.7	3.0
Motor vehicles, parts, and supplies	501	519.7	8.2	3.5	2.4	4.7	8.0	3.4	2.3	4.5
Lumber and construction materials	503	262.6	9.3	4.4	2.8	4.8	9.1	4.4	2.8	4.8
Professional and commercial equipment	504	914.1	2.5	1.2	.9	1.3	2.3	1.1	.8	1.2
Metals and minerals, except petroleum	505	152.4	13.2	6.3	3.7	6.9	13.1	6.3	3.7	6.8
Electrical goods	506	552.4	3.3	1.6	1.0	1.7	3.3	1.6	1.0	1.7
Hardware, plumbing and heating equipment	507	308.2	5.6	2.6	1.3	3.0	5.5	2.5	1.2	3.0
Machinery, equipment, and supplies	508	835.2	5.8	2.5	1.6	3.3	5.8	2.5	1.6	3.3
Miscellaneous durable goods	509	336.3	7.4	3.9	2.2	3.5	7.2	3.8	2.1	3.4
Wholesale trade—nondurable goods	51	2,768.7	7.4	4.1	2.6	3.3	7.2	4.0	2.5	3.2
Paper and paper products	511	274.7	5.5	3.1	1.8	2.5	5.4	3.0	1.7	2.5
Drugs, proprietaries, and sundries	512	234.2	4.0	2.1	1.1	2.0	3.6	1.8	1.0	1.7
Apparel, piece goods, and notions	513	220.8	4.2	2.0	1.1	2.2	4.0	1.9	1.1	2.1
Groceries and related products	514	918.2	10.8	6.4	3.9	4.4	10.5	6.3	3.9	4.2
Farm-product raw materials	515	105.5	7.9	3.9	3.1	4.0	7.8	3.9	3.1	3.9
Chemicals and allied products	516	153.9	4.2	2.4	1.6	1.8	4.0	2.3	1.6	1.7
Petroleum and petroleum products	517	154.6	4.7	2.5	1.8	2.2	4.6	2.4	1.7	2.2
Beer, wine, and distilled beverages	518	156.0	12.3	6.4	4.6	5.9	12.2	6.4	4.5	5.8
Miscellaneous nondurable goods	519	550.9	5.5	2.8	1.6	2.8	5.2	2.6	1.5	2.7
Retail trade		22,271.0	6.5	2.7	1.8	3.8	6.3	2.6	1.7	3.7
Building materials and garden supplies	52	945.2	8.9	4.4	2.7	4.6	8.8	4.3	2.6	4.5
Lumber and other building materials	521	572.5	10.7	5.4	3.3	5.3	10.6	5.4	3.2	5.2
Paint, glass, and wallpaper stores	523	65.2	6.0	2.4	1.7	3.6	6.0	2.4	1.7	3.6
Hardware stores	525	166.3	5.9	2.5	1.4	3.4	5.9	2.5	1.4	3.4
Retail nurseries and garden stores	526	95.6	6.6	2.8	1.8	3.8	6.4	2.7	1.7	3.7
Mobile home dealers	527	45.6	4.9	2.7	2.5	2.2	4.5	2.4	2.2	2.1
General merchandise stores	53	2,723.6	9.0	4.7	2.6	4.4	8.8	4.6	2.5	4.2
Department stores	531	2,410.0	9.2	4.9	2.7	4.4	9.0	4.8	2.6	4.2
Variety stores	533	125.0	8.8	3.8	2.7	4.9	8.7	3.8	2.7	4.9
Miscellaneous general merchandise stores	539	188.7	6.8	2.8	1.7	4.0	6.8	2.7	1.6	4.0
Food stores	54	3,470.6	8.4	3.6	2.4	4.8	8.1	3.5	2.3	4.6
Grocery stores	541	3,061.7	9.1	3.8	2.5	5.2	8.7	3.7	2.4	5.0
Meat and fish markets	542	47.2	3.3	1.9	1.5	1.4	3.3	1.9	1.5	1.4
Candy, nut, and confectionery stores	544	31.0	1.2	.8	.8	.4	1.2	.8	.8	.4
Dairy products stores	545	14.3	3.9	2.7	2.7	1.2	3.9	2.7	2.7	1.2
Retail bakeries	546	204.2	3.4	1.5	1.1	1.9	3.2	1.4	1.0	1.8
Miscellaneous food stores	549	82.9	3.3	1.5	1.1	1.8	3.2	1.5	1.1	1.7

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Automotive dealers and service stations	55	2,325.5	5.8	2.2	1.7	3.6	5.7	2.2	1.7	3.6
New and used car dealers	551	1,047.3	6.5	2.2	1.7	4.3	6.4	2.2	1.7	4.2
Used car dealers	552	96.9	1.7	.8	.7	.9	1.5	.7	.6	.8
Auto and home supply stores	553	398.4	7.0	2.8	2.2	4.2	6.9	2.8	2.2	4.1
Gasoline service stations	554	672.0	4.8	2.1	1.5	2.7	4.7	2.1	1.5	2.6
Boat dealers	555	38.3	3.6	1.5	1.2	2.2	3.6	1.4	1.1	2.2
Recreational vehicle dealers	556	28.1	8.7	2.4	1.4	6.3	8.6	2.4	1.4	6.2
Motorcycle dealers	557	34.5	2.6	1.4	1.3	1.2	2.6	1.4	1.3	1.2
Automotive dealers, n.e.c.	559	10.0	5.3	1.4	.9	3.9	4.5	1.2	.7	3.3
Apparel and accessory stores	56	1,160.1	3.2	1.3	.8	1.9	3.1	1.2	.7	1.8
Men's and boys' clothing stores	561	84.1	2.1	1.1	.6	1.0	2.0	1.0	.5	1.0
Women's clothing stores	562	277.6	1.9	.8	.5	1.2	1.9	.8	.5	1.1
Women's accessory and specialty stores	563	56.3	.9	.2	.2	.7	.9	.2	.2	.7
Children's and infants' wear stores	564	44.2	3.1	1.2	.9	1.9	3.1	1.2	.9	1.9
Family clothing stores	565	387.4	5.3	2.1	1.2	3.2	5.2	2.0	1.2	3.2
Shoe stores	566	214.7	2.6	1.1	.7	1.5	2.5	1.0	.7	1.5
Miscellaneous apparel and accessory stores	569	95.7	1.2	.6	.4	.6	1.2	.6	.4	.6
Furniture and homefurnishings stores	57	1,029.2	4.7	2.2	1.4	2.5	4.7	2.2	1.4	2.5
Furniture and homefurnishings stores	571	527.3	5.7	2.6	1.8	3.0	5.6	2.6	1.8	3.0
Household appliance stores	572	68.8	5.6	2.5	1.8	3.0	5.5	2.5	1.8	3.0
Radio, television, and computer stores	573	433.1	3.4	1.6	.9	1.8	3.3	1.6	.9	1.7
Eating and drinking places	58	7,763.5	6.3	2.1	1.5	4.3	6.2	2.0	1.5	4.2
Miscellaneous retail	59	2,853.3	3.9	1.7	1.1	2.2	3.6	1.6	1.0	2.1
Drug stores and proprietary stores	591	634.6	2.8	1.2	.9	1.7	2.7	1.1	.8	1.6
Liquor stores	592	110.5	1.3	.5	.4	.7	1.3	.5	.4	.7
Used merchandise stores	593	120.7	5.4	2.9	2.0	2.4	5.3	2.9	1.9	2.4
Miscellaneous shopping goods stores	594	1,016.5	4.2	1.6	1.0	2.6	4.0	1.5	1.0	2.5
Nonstore retailers	596	344.9	6.2	2.9	1.6	3.3	5.2	2.6	1.5	2.6
Fuel dealers	598	95.2	5.2	2.9	2.5	2.3	5.2	2.9	2.5	2.3
Retail stores, n.e.c.	599	530.9	2.7	1.1	.7	1.6	2.6	1.1	.7	1.5
Finance, insurance, and real estate		7,218.8	1.9	.7	.5	1.2	1.7	.6	.5	1.1
Depository institutions	60	2,037.8	1.5	.4	.3	1.1	1.4	.4	.3	1.0
Central reserve depositories	601	23.9	3.5	1.5	.7	2.0	3.1	1.2	.5	1.8
Commercial banks	602	1,467.3	1.5	.4	.3	1.1	1.4	.3	.3	1.0
Savings institutions	603	254.1	1.7	.4	.4	1.3	1.4	.4	.3	1.1
Credit unions	606	179.3	1.8	.7	.5	1.1	1.4	.5	.3	.9
Foreign bank and branches and agencies ...	608	28.9	.4	.1	.1	.2	.4	.1	.1	.2
Functions closely related to banking	609	84.3	1.1	.3	.2	.8	1.0	.3	.2	.7
Nondepository institutions	61	660.9	1.2	.4	.3	.8	1.0	.3	.2	.8
Federal and federal-sponsored credit agencies	611	22.2	1.3	.2	.1	1.1	1.0	.2	.1	.8
Personal credit institutions	614	187.2	1.1	.3	.2	.8	1.0	.2	.2	.7
Business credit institutions	615	122.0	1.9	.4	.3	1.4	1.6	.4	.2	1.2
Mortgage bankers and brokers	616	329.5	1.0	.4	.3	.6	.9	.3	.2	.6
Security and commodity brokers	62	644.1	.6	.2	.1	.4	.6	.2	.1	.4
Security brokers and dealers	621	479.1	.5	.2	.1	.4	.4	.1	.1	.3
Commodity contracts brokers and dealers ...	622	18.2	.4	.2	.1	.1	.4	.2	.1	.1
Security and commodity exchanges	623	8.4	3.9	1.4	1.3	2.5	3.8	1.3	1.2	2.5
Insurance carriers	63	1,442.7	1.9	.6	.4	1.3	1.4	.4	.3	1.0
Life insurance	631	380.5	1.7	.5	.4	1.2	1.2	.4	.3	.8
Medical service and health insurance	632	353.7	1.8	.7	.5	1.2	1.5	.5	.4	1.0
Fire, marine, and casualty insurance	633	548.5	2.0	.6	.4	1.5	1.6	.4	.3	1.1
Surety insurance	635	22.1	3.6	1.1	1.0	2.5	3.2	.8	.8	2.4

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Title insurance	636	84.6	0.9	0.4	0.4	0.4	0.8	0.4	0.3	0.4
Pension, health, and welfare funds	637	49.2	1.9	.4	.4	1.4	.8	.1	.1	.7
Insurance agents, brokers, and service	64	744.9	1.1	.4	.4	.6	.8	.3	.3	.5
Real estate	65	1,460.9	4.0	1.8	1.4	2.2	3.9	1.7	1.4	2.1
Real estate operators and lessors	651	579.6	5.1	2.3	1.7	2.8	4.9	2.2	1.7	2.7
Real estate agents and managers	653	724.7	3.1	1.4	1.2	1.7	3.0	1.3	1.1	1.6
Title abstract offices	654	38.6	.5	.1	.1	.4	.5	.1	.1	.4
Subdividers and developers	655	118.0	5.6	2.4	2.0	3.2	5.4	2.4	1.9	3.1
Holding and other investment offices	67	227.5	1.7	.5	.4	1.1	1.3	.4	.3	.8
Holding offices	671	104.6	1.7	.6	.5	1.0	1.1	.4	.4	.7
Investment offices	672	25.9	1.2	.5	.4	.7	1.1	.4	.4	.7
Trusts	673	47.7	2.1	.5	.2	1.6	1.7	.5	.2	1.3
Miscellaneous investing	679	49.3	1.6	.5	.3	1.0	1.4	.5	.3	.9
Services		34,624.4	5.2	2.4	1.5	2.9	4.9	2.3	1.5	2.7
Hotels and other lodging places	70	1,776.9	7.3	3.6	2.0	3.7	7.1	3.6	2.0	3.6
Hotels and motels	701	1,717.3	7.3	3.6	2.0	3.7	7.2	3.6	2.0	3.6
Personal services	72	1,201.4	3.1	1.6	1.1	1.5	2.9	1.5	1.0	1.4
Laundry, cleaning, and garment services	721	439.0	5.3	2.8	1.7	2.5	5.1	2.7	1.6	2.4
Photographic studios, portrait	722	65.2	2.7	1.6	1.3	1.1	2.4	1.3	1.0	1.1
Beauty shops	723	408.0	1.8	.7	.6	1.1	1.5	.6	.5	.9
Barber shops	724	10.7	.2	(⁹)	(⁹)	.2	.1	(⁹)	(⁹)	.1
Funeral service and crematories	726	99.8	1.7	1.1	.8	.7	1.7	1.0	.8	.7
Miscellaneous personal services	729	174.4	1.3	.6	.6	.7	1.2	.6	.5	.6
Business services	73	8,590.9	3.6	1.6	1.1	1.9	3.4	1.6	1.1	1.9
Mailing, reproduction, stenographic	733	317.4	2.8	1.6	.8	1.1	2.4	1.3	.7	1.1
Services to buildings	734	957.0	6.5	3.1	2.2	3.4	6.4	3.0	2.1	3.4
Miscellaneous equipment rental and leasing	735	259.8	6.7	3.1	1.8	3.5	6.7	3.1	1.8	3.5
Personnel supply services	736	3,242.6	5.2	2.3	1.4	2.9	5.0	2.2	1.3	2.8
Computer and data processing services	737	1,601.6	1.0	.3	.2	.6	.8	.3	.2	.6
Miscellaneous business services	738	1,803.8	4.2	2.0	1.5	2.2	4.1	1.9	1.5	2.2
Auto repair, services, and parking	75	1,144.1	5.2	2.2	1.7	3.0	5.1	2.2	1.7	2.9
Automotive rentals, no drivers	751	199.0	5.6	2.8	2.0	2.8	5.5	2.7	1.9	2.7
Automobile parking	752	74.1	5.5	3.0	2.3	2.5	5.5	3.0	2.3	2.5
Automotive repair shops	753	632.2	5.1	1.9	1.6	3.2	5.0	1.9	1.6	3.1
Automotive services, except repair	754	238.9	4.8	2.2	1.6	2.7	4.8	2.1	1.6	2.7
Miscellaneous repair services	76	379.2	6.4	3.3	2.5	3.2	6.3	3.2	2.5	3.1
Electrical repair shops	762	112.8	5.3	2.5	2.1	2.8	5.2	2.5	2.1	2.7
Reupholstery and furniture repair	764	22.2	3.0	1.7	1.1	1.3	2.9	1.7	1.1	1.3
Miscellaneous repair shops	769	238.1	7.4	3.8	2.9	3.6	7.3	3.7	2.8	3.6
Motion pictures	78	571.7	3.5	.9	.6	2.7	3.4	.8	.6	2.6
Motion picture production and services	781	251.7	4.7	1.2	.9	3.5	4.4	1.2	.8	3.3
Motion picture distribution and services	782	18.6	2.0	1.6	1.5	.4	1.8	1.4	1.3	.4
Amusement and recreation services	79	1,650.1	8.2	3.5	1.8	4.7	7.8	3.4	1.7	4.4
Dance studios, schools, and halls	791	27.8	1.0	.5	.5	.5	1.0	.5	.5	.5
Producers, orchestras, entertainers	792	166.0	6.2	1.8	1.5	4.4	6.0	1.7	1.4	4.2
Bowling centers	793	80.8	3.1	.6	.5	2.5	3.1	.6	.5	2.5
Commercial sports	794	129.2	12.4	6.1	3.6	6.4	12.2	6.0	3.6	6.2
Miscellaneous amusement, recreation services	799	1,246.3	8.4	3.7	1.7	4.7	7.9	3.5	1.6	4.4
Health services	80	9,816.5	7.7	3.6	2.2	4.2	7.2	3.4	2.1	3.8
Offices and clinics of medical doctors	801	1,808.6	3.0	1.0	.5	2.0	2.6	.9	.4	1.7
Offices and clinics of dentists	802	646.0	1.4	.2	.2	1.2	1.3	.2	.2	1.1
Offices of osteopathic physicians	803	49.9	1.1	.1	.1	1.0	.5	.1	.1	.4

See footnotes at end of table.

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 — Continued

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Offices of other health practitioners	804	453.0	1.3	0.5	0.4	0.8	1.2	0.5	0.3	0.8
Nursing and personal care facilities	805	1,760.5	14.2	8.1	4.5	6.1	13.8	7.9	4.3	5.9
Hospitals	806	3,898.8	9.2	3.8	2.6	5.4	8.4	3.6	2.5	4.8
Medical and dental laboratories	807	198.1	4.0	1.4	1.0	2.5	3.5	1.2	.9	2.3
Home health care services	808	663.9	8.2	4.3	3.4	3.9	7.8	4.1	3.2	3.7
Health and allied services, n.e.c.	809	337.9	5.5	2.0	1.4	3.5	5.3	2.0	1.3	3.3
Legal services	81	973.7	.8	.4	.3	.4	.6	.3	.2	.4
Educational services	82	1,603.8	3.1	1.2	.9	1.9	3.0	1.2	.9	1.8
Elementary and secondary schools	821	446.5	3.5	1.5	1.2	2.1	3.5	1.4	1.2	2.0
Colleges and universities	822	876.9	3.3	1.2	1.0	2.1	3.1	1.2	.9	1.9
Libraries	823	23.1	2.9	1.5	1.5	1.5	2.8	1.4	1.4	1.5
Vocational schools	824	86.8	.9	.2	.2	.7	.9	.2	.1	.7
Schools and educational services, n.e.c.	829	170.5	2.4	1.0	.5	1.4	2.2	.9	.5	1.3
Social services	83	2,571.2	6.4	2.9	2.0	3.5	6.2	2.8	1.9	3.4
Individual and family services	832	713.6	4.9	2.2	1.7	2.7	4.7	2.1	1.6	2.6
Job training and related services	833	283.5	9.9	4.4	2.4	5.5	9.6	4.2	2.3	5.4
Child day care services	835	608.9	3.1	1.2	1.0	1.9	3.0	1.1	1.0	1.9
Residential care	836	754.4	9.8	4.6	3.0	5.2	9.6	4.5	2.9	5.1
Social services, n.e.c.	839	210.9	3.4	1.5	1.1	1.9	3.4	1.5	1.1	1.9
Museums, botanical, zoological gardens	84	93.0	8.1	4.5	2.0	3.6	7.8	4.4	2.0	3.4
Museums and art galleries	841	70.1	5.9	2.7	1.8	3.2	5.7	2.6	1.8	3.1
Botanical and zoological gardens	842	23.0	13.7	9.1	2.6	4.7	13.3	9.0	2.5	4.3
Membership organizations	86	1,030.0	2.9	1.1	.9	1.8	2.8	1.0	.8	1.7
Professional organizations	862	61.6	1.6	.1	.1	1.6	1.6	.1	.1	1.5
Labor organizations	863	142.3	.8	.3	.3	.4	.6	.2	.1	.4
Civic and social associations	864	499.2	4.5	1.6	1.3	2.8	4.3	1.5	1.2	2.7
Religious organizations	866	135.3	2.2	1.1	.9	1.1	2.2	1.1	.9	1.1
Membership organizations, n.e.c.	869	75.2	2.8	1.0	.6	1.8	2.6	.9	.5	1.8
Engineering and management services	87	3,170.3	2.1	.8	.5	1.3	1.9	.7	.5	1.2
Engineering and architectural services	871	911.2	2.0	.6	.5	1.4	1.9	.6	.5	1.3
Accounting, auditing, and bookkeeping	872	626.8	.7	.3	.2	.4	.7	.3	.2	.4
Research and testing services	873	610.0	2.5	1.0	.5	1.5	2.2	.9	.5	1.3
Management and public relations	874	1,022.3	2.7	1.0	.8	1.7	2.6	1.0	.7	1.6

¹ The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000, where

N = number of injuries and illnesses
EH = total hours worked by all employees during the calendar year
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ Standard Industrial Classification Manual, 1987 Edition.

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program. Employment for private households (SIC 88) is excluded.

⁵ Total lost workday cases involve days away from work, or days of restricted work activity, or both.

⁶ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

⁷ Excludes farms with fewer than 11 employees.

⁸ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

⁹ Incidence rate less than 0.05.

NOTE: Because of rounding, components may not add to totals.

n.e.c. = not elsewhere classified.

— Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor
January 2000