

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996

Tennessee

Industry ²	SIC code ³	1996 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	
All industries including State and local government ⁷		2,411.3	7.6	3.7	2.4	3.9	6.9	3.4	2.2	3.6
Private industry ⁷		2,101.5	8.0	3.8	2.4	4.2	7.3	3.5	2.2	3.8
Agriculture, forestry, and fishing ⁷		16.9	10.1	5.6	4.8	4.5	9.6	5.6	4.7	4.0
Agricultural services	07	12.1	11.6	6.5	5.5	5.1	11.0	6.5	5.5	4.5
Mining ⁸		4.7	4.3	3.0	2.7	1.3	4.3	2.9	2.6	1.3
Construction		113.1	9.9	4.8	3.8	5.1	9.8	4.8	3.8	5.0
General building contractors	15	31.6	9.5	4.2	3.0	5.3	9.3	4.0	2.8	5.2
Residential building construction	152	11.9	8.2	3.3	2.9	4.8	7.9	3.3	2.9	4.6
Nonresidential building construction	154	19.3	10.3	4.6	3.0	5.7	10.0	4.4	2.8	5.6
Heavy construction, except building	16	14.8	11.8	6.2	5.4	5.7	11.8	6.2	5.4	5.7
Highway and street construction	161	5.0	10.9	5.0	3.8	5.9	10.9	5.0	3.8	5.9
Heavy construction, except highway	162	9.8	12.4	6.9	6.3	5.5	12.4	6.9	6.3	5.5
Special trade contractors	17	66.7	9.6	4.8	3.8	4.8	9.6	4.8	3.8	4.8
Plumbing, heating, air-conditioning	171	17.3	11.4	6.0	4.6	5.4	11.4	5.9	4.6	5.4
Electrical work	173	13.1	8.6	3.0	2.2	5.6	8.5	2.9	2.2	5.6
Masonry, stonework, and plastering	174	9.7	13.2	7.7	6.7	5.6	13.1	7.7	6.7	5.5
Roofing, siding, and sheet metal work	176	4.6	16.2	8.5	5.9	7.7	16.2	8.5	5.8	7.7
Miscellaneous special trade contractors	179	11.6	5.6	2.3	1.8	3.3	5.5	2.2	1.7	3.2
Manufacturing		517.3	11.7	5.4	2.6	6.2	9.8	4.6	2.3	5.2
Durable goods		285.0	13.2	6.0	2.9	7.2	11.2	5.1	2.6	6.1
Lumber and wood products	24	22.0	14.2	7.2	4.2	7.0	13.1	6.8	4.1	6.3
Sawmills and planing mills	242	8.6	15.6	7.0	4.6	8.6	14.7	6.8	4.5	7.8
Millwork, plywood and structural members	243	4.4	17.0	9.9	3.9	7.2	15.0	8.7	3.4	6.3
Furniture and fixtures	25	28.8	13.8	6.5	2.8	7.3	12.7	6.1	2.5	6.6
Household furniture	251	19.2	13.6	6.4	2.2	7.2	12.7	6.0	2.1	6.7
Public building and related furniture	253	3.8	10.0	4.9	2.2	5.1	8.2	4.3	2.0	4.0
Stone, clay, and glass products	32	16.5	16.8	6.4	3.7	10.4	15.1	5.9	3.5	9.2
Primary metal industries	33	16.6	15.0	6.0	3.7	9.0	13.6	5.9	3.6	7.7
Iron and steel foundries	332	4.1	17.7	9.2	4.5	8.6	17.0	8.9	4.5	8.0
Nonferrous rolling and drawing	335	4.1	10.0	2.2	1.1	7.8	8.9	2.2	1.1	6.7
Fabricated metal products	34	44.0	13.3	6.2	3.6	7.1	12.0	5.6	3.2	6.5
Fabricated structural metal products	344	13.7	14.4	7.7	4.3	6.7	13.9	7.3	4.2	6.6
Metal forgings and stampings	346	6.0	14.0	5.8	3.3	8.3	12.9	5.5	3.1	7.4
Miscellaneous fabricated metal products	349	6.6	13.0	5.7	3.9	7.2	10.3	4.0	2.5	6.3
Industrial machinery and equipment	35	43.1	12.6	5.6	2.5	7.0	10.8	4.6	2.2	6.2
Metalworking machinery	354	6.4	7.4	1.8	1.6	5.6	6.8	1.7	1.5	5.2
Refrigeration and service machinery	358	14.1	15.4	8.3	2.8	7.1	12.2	6.3	2.3	5.9
Industrial machinery, n.e.c.	359	5.4	11.4	4.2	3.7	7.2	10.9	4.0	3.5	6.9
Electronic and other electric equipment	36	40.4	9.0	4.3	1.9	4.7	7.7	3.6	1.5	4.1
Electrical industrial apparatus	362	8.5	6.2	2.9	1.0	3.4	5.4	2.4	.8	3.0
Household appliances	363	12.8	13.8	7.4	2.7	6.4	12.2	6.3	2.3	5.9
Household cooking equipment	3631	6.0	13.2	6.2	.9	7.0	11.6	5.1	.8	6.5
Household audio and video equipment	365	5.4	5.6	2.9	1.4	2.7	3.7	1.9	1.0	1.8
Transportation equipment	37	51.4	16.5	7.4	3.1	9.1	12.1	5.3	2.4	6.8
Motor vehicles and equipment	371	41.0	17.3	7.9	2.9	9.4	12.5	5.5	2.3	7.0
Motor vehicle parts and accessories	3714	30.0	13.7	5.6	2.7	8.1	9.8	3.7	2.2	6.1
Aircraft and parts	372	3.5	9.5	3.0	1.8	6.4	7.0	2.3	1.4	4.7
Instruments and related products	38	10.6	4.0	2.2	1.3	1.7	2.9	1.8	1.0	1.1
Measuring and controlling devices	382	4.7	4.5	2.0	1.1	2.5	2.7	1.6	.9	1.1
Medical instruments and supplies	384	4.9	3.3	2.5	1.3	.8	2.8	2.1	1.2	.7
Miscellaneous manufacturing industries	39	11.7	9.5	4.3	1.9	5.2	7.9	3.6	1.6	4.3
Miscellaneous manufactures	399	4.3	8.1	3.5	2.7	4.6	7.3	3.2	2.4	4.1

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses, by industry and case type, 1996 — Continued

Tennessee

Industry ²	SIC code ³	1996 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	
Nondurable goods		232.3	9.8	4.8	2.2	5.0	8.0	4.0	1.9	4.0
Food and kindred products	20	35.3	10.6	5.7	2.7	4.8	9.2	5.0	2.4	4.2
Meat products	201	7.0	11.1	6.4	2.5	4.7	9.5	5.2	2.1	4.3
Preserved fruits and vegetables	203	3.7	11.1	5.4	3.0	5.7	8.2	4.3	2.1	3.9
Bakery products	205	8.3	14.0	7.9	4.6	6.1	12.1	6.8	3.9	5.3
Beverages	208	4.2	13.7	9.3	3.3	4.3	13.4	9.1	3.2	4.3
Textile mill products	22	19.5	9.2	4.5	1.7	4.6	7.5	3.6	1.5	3.9
Knitting mills	225	7.3	9.7	5.7	2.3	4.0	7.5	3.8	1.9	3.7
Women's and misses' outerwear	233	7.4	6.6	3.3	3.0	3.4	4.5	2.4	2.2	2.0
Paper and allied products	26	21.4	7.1	3.0	1.6	4.1	6.3	2.8	1.5	3.5
Paper mills	262	5.5	5.5	1.8	.4	3.6	4.6	1.8	.4	2.8
Paperboard containers and boxes	265	6.5	5.4	2.3	1.7	3.0	4.9	2.2	1.6	2.7
Miscellaneous converted paper products	267	8.0	10.2	4.4	2.3	5.8	8.9	3.8	2.1	5.1
Printing and publishing	27	36.0	8.0	3.2	1.7	4.8	7.0	2.7	1.5	4.3
Newspapers	271	8.5	5.5	2.5	1.9	3.0	4.9	2.1	1.5	2.8
Books	273	4.6	6.4	3.1	1.0	3.3	5.2	2.6	.8	2.6
Commercial printing	275	15.9	9.5	3.5	1.8	6.0	8.4	3.0	1.8	5.3
Rubber and miscellaneous plastics products	30	33.6	13.0	6.9	2.9	6.1	11.6	6.4	2.6	5.2
Hose and belting and gaskets and packing	305	5.1	12.2	6.5	2.2	5.6	11.3	6.1	1.9	5.2
Fabricated rubber products, n.e.c.	306	6.1	12.7	5.9	3.6	6.8	11.4	5.5	3.4	5.9
Miscellaneous plastics products, n.e.c.	308	15.8	12.6	6.3	3.4	6.3	11.4	5.7	2.9	5.7
Leather and leather products	31	4.4	8.1	3.9	1.8	4.2	7.0	3.2	1.6	3.9
Footwear, except rubber	314	2.8	5.8	3.3	1.7	2.6	4.9	2.5	1.6	2.4
Transportation and public utilities ^{8,9}		139.2	9.3	6.2	5.4	3.1	9.1	6.1	5.3	2.9
Railroad transportation ⁸	40	—	2.0	1.5	1.3	.5	2.0	1.5	1.3	.5
Trucking and warehousing ⁹	42	54.5	11.8	8.1	7.5	3.7	11.7	8.1	7.5	3.6
Trucking and courier services, except air ⁹	421	49.2	11.2	7.5	7.2	3.6	11.2	7.5	7.2	3.6
Transportation services ⁹	47	6.3	2.2	1.0	.7	1.2	2.2	1.0	.7	1.2
Communications	48	20.6	2.9	1.2	.7	1.7	2.5	.9	.5	1.6
Electric, gas, and sanitary services	49	8.3	9.2	4.8	3.6	4.4	8.8	4.7	3.5	4.1
Wholesale and retail trade		594.7	6.6	2.8	1.9	3.8	6.5	2.8	1.9	3.8
Wholesale trade		140.9	4.8	2.9	1.5	1.9	4.8	2.9	1.5	1.9
Wholesale trade--durable goods	50	80.7	3.9	1.7	.8	2.2	3.9	1.7	.8	2.2
Wholesale trade--nondurable goods	51	60.2	6.0	4.5	2.4	1.5	6.0	4.5	2.4	1.5
Retail trade		453.8	7.3	2.8	2.0	4.5	7.2	2.7	2.0	4.5
Building materials and garden supplies	52	19.0	10.7	4.3	2.9	6.5	10.7	4.3	2.9	6.5
General merchandise stores	53	62.7	8.6	3.9	2.2	4.8	8.5	3.8	2.2	4.7
Food stores	54	69.9	7.9	2.8	2.3	5.1	7.8	2.8	2.3	5.0
Apparel and accessory stores	56	23.3	5.1	2.1	1.3	3.0	4.9	2.0	1.3	2.9
Furniture and homefurnishings stores	57	17.7	3.0	1.0	.6	1.9	3.0	1.0	.6	1.9
Eating and drinking places	58	158.2	8.1	2.8	2.3	5.3	8.1	2.7	2.3	5.3
Miscellaneous retail	59	51.8	3.5	1.3	.6	2.2	3.3	1.2	.6	2.1
Finance, insurance, and real estate		112.6	2.6	.8	.6	1.7	2.0	.7	.5	1.3
Services		601.9	5.6	2.6	1.7	3.1	5.4	2.5	1.6	2.9
Hotels and other lodging places	70	36.2	8.2	4.0	1.5	4.2	8.1	4.0	1.5	4.1
Personal services	72	26.6	3.3	1.5	.7	1.8	3.1	1.4	.6	1.7
Auto repair, services, and parking	75	19.0	2.6	1.4	1.2	1.2	2.6	1.4	1.2	1.2
Miscellaneous repair services	76	7.5	5.4	1.8	1.5	3.7	5.3	1.8	1.5	3.6

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Amusement and recreation services	79	22.3	9.2	6.4	—	2.9	9.2	6.3	—	2.9
Health services	80	193.3	7.7	3.3	2.2	4.4	7.4	3.2	2.1	4.2
Nursing and personal care facilities	805	30.3	13.8	7.9	4.4	5.9	13.7	7.8	4.3	5.8
Legal services	81	11.4	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Educational services	82	26.0	1.7	.5	.5	1.2	1.7	.5	.5	1.2
Social services	83	30.6	6.0	3.0	1.6	3.0	5.9	3.0	1.6	2.9
Membership organizations	86	12.2	4.7	2.3	2.2	—	—	1.9	1.8	—
Engineering and management services	87	57.8	3.3	1.5	1.3	1.8	2.9	1.5	1.3	1.4
State and local government		309.8	4.5	2.7	2.3	1.8	4.3	2.6	2.2	1.6
State government		82.8	2.4	1.4	1.3	1.0	2.3	1.4	1.3	.9
Services		47.7	2.7	1.5	1.5	1.1	2.5	1.5	1.4	1.1
Local government		227.0	5.2	3.2	2.6	2.0	4.9	3.1	2.5	1.9

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 in 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 In 1996, air courier operations previously classified in Industry Groups 421, 422, 423, 452, 473, and 478 were reclassified to Industry Group 451. As a result, the 1996 estimates for these SIC's and Major Industry Groups 42, 45, and 47 are not comparable to those for prior years. In addition, the 1996 estimates for transportation and public utilities may have more variability than those for prior years.

¹⁰ Incidence rate less than 0.05.

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

n.e.c. = not elsewhere classified.

— Data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.