

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998

Tennessee

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
All Industries including State and local government⁷		2,521.6	7.4	3.4	2.1	4.0	6.8	3.2	2.0	3.7
Private Industry⁷		2,206.5	7.6	3.5	2.1	4.1	7.0	3.3	2.0	3.7
Agriculture, forestry, and fishing⁷		18.0	6.9	3.4	2.7	3.6	6.5	3.3	2.7	3.2
Agricultural production ⁷	01-02	4.6	3.8	2.5	1.8	1.3	3.8	2.5	1.8	1.3
Agricultural services	07	13.1	8.0	3.7	3.1	4.3	7.5	3.6	3.0	3.8
Mining⁸		4.3	4.9	3.3	2.5	1.6	4.8	3.2	2.5	1.6
Construction		121.1	8.2	4.0	3.2	4.2	8.1	4.0	3.1	4.1
General building contractors	15	31.6	7.9	3.3	2.2	4.6	7.8	3.3	2.1	4.5
Residential building construction	152	12.8	5.0	3.1	2.1	1.9	5.0	3.1	2.1	1.9
Nonresidential building construction	154	18.5	9.7	3.5	2.2	6.2	9.5	3.4	2.1	6.1
Heavy construction, except building	16	15.5	8.5	3.9	3.3	4.7	8.4	3.9	3.3	4.6
Highway and street construction	161	5.4	7.4	3.1	2.2	4.2	7.2	3.1	2.2	4.1
Heavy construction, except highway	162	10.2	9.2	4.3	3.9	4.9	9.1	4.3	3.9	4.8
Special trade contractors	17	74.0	8.2	4.3	3.6	4.0	8.2	4.3	3.5	3.9
Plumbing, heating, air-conditioning	171	18.5	8.6	3.4	3.0	5.2	8.5	3.4	3.0	5.2
Electrical work	173	15.5	8.4	4.7	2.8	3.8	8.4	4.6	2.7	3.8
Masonry, stonework, and plastering	174	10.0	7.9	4.4	3.8	3.5	7.9	4.4	3.8	3.5
Roofing, siding, and sheet metal work	176	4.8	7.7	3.0	2.7	4.7	7.7	3.0	2.7	4.7
Miscellaneous special trade contractors	179	13.7	6.7	3.9	3.4	2.8	6.5	3.9	3.4	2.6
Manufacturing		514.3	10.8	5.1	2.3	5.7	9.2	4.4	2.0	4.7
Durable goods		292.7	12.9	5.8	2.7	7.1	11.1	5.0	2.4	6.1
Lumber and wood products	24	23.2	15.7	9.0	4.8	6.7	14.8	8.9	4.7	5.9
Sawmills and planing mills	242	8.5	13.8	7.4	4.5	6.5	12.2	7.3	4.5	4.8
Millwork, plywood and structural members	243	4.9	10.6	6.4	2.0	4.1	9.6	5.9	1.8	3.7
Furniture and fixtures	25	27.3	12.6	6.0	1.7	6.6	11.1	5.2	1.4	5.9
Household furniture	251	17.9	12.8	7.2	1.9	5.6	11.8	6.5	1.6	5.2
Public building and related furniture	253	3.9	9.6	4.3	1.2	5.3	6.3	2.7	0.8	3.6
Stone, clay, and glass products	32	16.3	16.7	4.8	3.1	11.9	14.8	4.4	2.9	10.4
Primary metal industries	33	17.9	18.6	8.6	5.3	10.1	15.5	7.7	4.9	7.7
Iron and steel foundries	332	4.3	20.2	9.7	3.7	10.5	15.5	9.4	3.5	6.1
Nonferrous rolling and drawing	335	4.3	13.0	4.4	1.6	8.5	11.6	4.1	1.5	7.4
Fabricated metal products	34	44.5	14.6	6.3	3.3	8.3	13.5	5.8	3.0	7.7
Cutlery, handtools, and hardware	342	4.4	12.2	3.4	2.3	8.8	11.1	3.2	2.2	7.9
Fabricated structural metal products	344	13.4	19.9	8.1	4.9	11.7	18.9	7.7	4.7	11.3
Metal forgings and stampings	346	6.8	13.2	7.1	1.5	6.1	12.2	6.8	1.4	5.4
Miscellaneous fabricated metal products	349	6.4	13.2	5.2	4.4	8.0	12.1	4.6	3.9	7.5
Industrial machinery and equipment	35	47.7	11.6	4.7	2.1	6.9	10.1	4.0	1.9	6.1
Metalworking machinery	354	7.2	4.3	1.4	1.1	2.9	4.0	1.2	0.9	2.9
Refrigeration and service machinery	358	14.9	13.1	6.1	--	7.0	11.3	--	--	6.2
Industrial machinery, n.e.c.	359	6.5	11.6	6.0	3.7	5.6	10.1	5.6	3.6	4.5
Electronic and other electric equipment	36	40.2	9.4	4.1	1.7	5.3	8.0	3.3	1.4	4.7
Electrical industrial apparatus	362	7.9	9.8	4.8	1.8	5.0	6.9	2.8	1.3	4.1
Household appliances	363	13.1	13.4	5.6	2.2	7.8	12.4	4.9	2.0	7.5

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued

Tennessee

Industry ²	SIC code ³	1998 Annual average employment ⁴ (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Household cooking equipment	3631	6.6	16.9	6.5	1.0	10.4	15.6	5.8	0.9	9.9
Transportation equipment	37	53.6	13.8	6.6	2.5	7.3	10.3	5.1	2.1	5.2
Motor vehicles and equipment	371	43.1	13.3	6.3	2.5	6.9	9.9	5.0	2.0	4.9
Motor vehicles and car bodies	3711	15.5	21.2	10.7	2.6	10.5	15.2	7.9	1.8	7.3
Motor vehicle parts and accessories	3714	25.8	8.1	3.6	2.3	4.5	6.1	3.0	2.0	3.1
Aircraft and parts	372	4.2	8.8	3.6	1.7	5.2	6.9	2.7	1.5	4.2
Instruments and related products	38	11.2	4.4	2.1	0.7	2.3	4.1	2.0	0.7	2.1
Measuring and controlling devices	382	4.3	7.7	3.1	0.8	4.6	7.1	3.0	0.7	4.0
Medical instruments and supplies	384	5.6	2.1	1.5	0.5	0.6	2.0	1.5	0.5	0.6
Miscellaneous manufacturing industries	39	10.8	8.3	4.0	2.7	4.4	7.1	3.4	2.4	3.6
Miscellaneous manufactures	399	4.1	7.3	3.1	2.2	4.1	6.0	2.8	1.9	3.2
Nondurable goods		221.5	8.0	4.2	1.8	3.8	6.6	3.7	1.5	3.0
Food and kindred products	20	36.9	9.5	5.6	2.3	3.9	8.1	4.8	2.1	3.2
Meat products	201	8.2	9.1	6.5	1.5	2.6	7.0	5.1	1.3	1.9
Preserved fruits and vegetables	203	3.5	11.1	6.0	3.0	5.1	8.4	4.6	2.3	3.8
Bakery products	205	8.6	10.5	7.0	3.4	3.5	8.7	6.2	3.0	2.5
Beverages	208	4.4	10.0	7.3	2.0	2.7	9.6	7.0	1.9	2.6
Textile mill products	22	17.7	9.6	5.2	2.4	4.4	7.9	4.6	2.0	3.4
Knitting mills	225	6.0	7.3	4.3	2.1	2.9	5.8	3.5	1.8	2.3
Yarn and thread mills	228	4.1	6.9	4.0	0.9	2.9	5.4	3.9	0.9	1.5
Apparel and other textile products	23	33.2	8.8	3.2	1.5	5.6	5.2	2.1	1.1	3.1
Men's and boys' suits and coats	231	3.7	6.5	2.6	1.0	3.9	4.0	1.7	0.6	2.3
Men's and boys' furnishings	232	14.9	7.4	2.8	1.5	4.6	4.2	1.6	1.0	2.6
Women's and misses' outerwear	233	5.1	16.5	4.5	1.0	--	7.9	3.3	0.9	4.6
Miscellaneous fabricated textile products	239	6.5	9.3	4.0	2.5	5.4	6.9	2.7	1.6	4.2
Paper and allied products	26	22.1	6.0	2.9	1.7	3.1	5.2	2.6	1.4	2.6
Paper mills	262	5.8	5.3	3.0	1.1	2.2	4.9	3.0	1.1	1.9
Paperboard containers and boxes	265	6.9	5.9	2.5	1.6	3.4	5.5	2.2	1.3	3.3
Miscellaneous converted paper products	267	7.8	7.3	3.5	2.1	3.8	5.6	3.0	1.7	2.6
Printing and publishing	27	36.6	6.5	3.2	1.3	3.3	6.0	2.9	1.2	3.1
Newspapers	271	8.6	4.2	1.6	0.9	2.7	4.1	1.6	0.9	2.5
Books	273	4.3	6.2	2.5	0.7	3.7	5.5	2.4	0.6	3.0
Commercial printing	275	16.6	7.6	3.6	1.6	3.9	7.1	3.3	1.6	3.7
Chemicals and allied products	28	34.8	3.7	1.9	0.8	1.8	3.1	1.7	0.7	1.4
Industrial inorganic chemicals	281	7.3	3.9	2.4	1.4	1.5	3.8	2.3	1.3	1.4
Rubber and miscellaneous plastics products	30	34.7	11.6	7.1	2.5	4.5	10.4	6.6	2.3	3.8
Hose and belting and gaskets and packing	305	4.6	12.5	6.8	3.2	5.7	9.9	5.9	2.7	4.1
Fabricated rubber products, n.e.c.	306	6.9	10.5	5.5	2.3	5.0	8.6	4.8	1.9	3.8
Miscellaneous plastics products, n.e.c.	308	16.8	11.2	7.2	2.5	4.0	10.7	6.9	2.3	3.8
Leather and leather products	31	3.4	11.1	4.0	2.6	7.1	--	2.6	1.5	7.0
Transportation and public utilities⁸		156.9	8.6	5.0	4.2	3.6	8.2	4.9	4.1	3.3
Railroad transportation ⁸	40	--	2.2	1.4	1.3	0.7	2.1	1.4	1.3	0.7
Trucking and warehousing	42	64.1	8.1	4.8	4.0	3.2	8.0	4.8	3.9	3.2
Trucking and courier services, except air	421	59.2	7.7	4.7	3.9	3.0	7.7	4.6	3.9	3.0
Transportation services	47	7.8	5.6	3.0	1.2	2.6	5.3	2.9	1.1	2.4
Communications	48	22.1	2.9	1.8	1.2	1.0	2.6	1.7	1.1	0.9
Electric, gas, and sanitary services	49	7.4	10.2	6.2	4.9	3.9	10.0	6.1	4.8	3.9

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				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Wholesale and retail trade		621.3	7.4	3.1	1.9	4.3	7.2	3.0	1.9	4.2
Wholesale trade		148.8	7.3	3.9	2.2	3.5	7.0	3.7	2.1	3.3
Wholesale trade--durable goods	50	85.8	5.3	2.7	1.5	2.7	5.2	2.6	1.5	2.6
Wholesale trade--nondurable goods	51	62.9	10.2	5.6	3.1	4.6	9.7	5.3	3.0	4.4
Retail trade		472.6	7.4	2.8	1.8	4.7	7.3	2.7	1.8	4.6
Building materials and garden supplies	52	20.5	9.0	4.7	2.5	4.3	8.9	4.7	2.5	4.3
General merchandise stores	53	67.9	9.9	6.0	3.4	4.0	9.7	5.9	3.3	3.8
Food stores	54	68.7	7.9	2.0	1.7	5.9	7.7	1.9	1.6	5.7
Automotive dealers and service stations	55	50.3	5.9	2.1	1.2	3.8	5.7	2.1	1.1	3.6
Apparel and accessory stores	56	25.5	3.2	1.3	0.8	1.9	3.1	1.2	0.8	1.9
Furniture and homefurnishings stores	57	19.3	5.0	2.7	1.7	2.3	5.0	2.7	1.7	2.3
Eating and drinking places	58	164.6	8.5	2.3	1.7	6.2	8.5	2.3	1.7	6.2
Miscellaneous retail	59	55.7	4.6	1.8	1.1	2.7	4.4	1.8	1.1	2.6
Finance, insurance, and real estate		123.9	1.7	0.8	0.6	0.9	1.5	0.8	0.6	0.7
Services		644.5	5.2	2.2	1.4	3.0	5.0	2.1	1.3	2.8
Hotels and other lodging places	70	34.9	6.1	3.9	1.5	2.2	6.0	3.8	1.5	2.2
Personal services	72	25.9	3.9	1.2	0.7	2.6	3.7	1.1	0.6	2.5
Business services	73	165.7	5.2	2.6	1.5	2.6	5.2	2.6	1.5	2.6
Auto repair, services, and parking	75	19.7	5.4	1.9	1.9	3.5	5.2	1.7	1.7	3.5
Miscellaneous repair services	76	8.5	6.4	2.0	0.9	4.4	6.4	2.0	0.9	4.4
Amusement and recreation services	79	23.0	5.8	2.1	1.2	3.7	5.5	2.1	1.2	3.4
Health services	80	199.7	6.3	2.8	1.9	3.5	6.1	2.8	1.8	3.3
Offices and clinics of medical doctors	801	39.0	1.7	0.3	0.1	1.4	1.6	0.3	0.1	1.3
Nursing and personal care facilities	805	32.1	16.2	8.3	4.5	7.8	16.0	8.2	4.4	7.8
Legal services	81	12.3	0.7	0.4	0.3	0.3	0.6	0.3	0.2	0.3
Educational services	82	27.6	2.5	0.8	0.7	1.7	2.3	0.7	0.6	1.5
Social services	83	37.2	4.6	2.3	1.1	2.4	4.6	2.2	1.1	2.4
Engineering and management services	87	63.2	3.6	0.7	0.4	2.9	3.4	0.6	0.4	2.8
State and local government		315.1	6.0	2.7	2.3	3.3	5.7	2.6	2.2	3.1
State government		79.9	4.6	2.1	2.0	2.5	4.5	2.1	1.9	2.4
Services		45.2	2.5	1.3	1.1	1.3	2.4	1.3	1.1	1.1
Public administration		32.0	6.1	2.7	2.5	3.4	5.9	2.7	2.5	3.3
Executive, legislative, and general	91	2.1	2.6	1.1	1.1	1.5	2.6	1.1	1.1	1.5
Finance, taxation, and monetary policy	93	2.3	1.1	0.7	0.3	0.3	1.1	0.7	0.3	0.3
Administration of human resources	94	11.1	7.4	3.7	3.5	3.8	7.4	3.6	3.4	3.7

See footnotes at end of table.

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			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total ⁵	With days away from work ⁶			Total ⁵	With days away from work ⁶	
Local government		235.2	6.5	3.0	2.5	3.6	6.2	2.8	2.4	3.3
Services		143.5	5.2	2.1	1.9	3.1	5.1	2.0	1.8	3.0
Public administration		72.1	6.6	3.0	2.6	3.6	6.2	2.9	2.5	3.3
Executive, legislative, and general	91	65.1	6.6	3.0	2.6	3.6	6.2	2.9	2.5	3.3

¹ 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 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, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.