

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2007

Tennessee

Industry ²	NAICS code ³	2007 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
All industries including State and local government⁶		2,676.2	4.5	2.2	1.1	1.1	2.3
Private industry⁶		2,339.5	4.5	2.2	1.0	1.1	2.3
Goods producing⁶		533.0	5.7	3.1	1.3	1.8	2.6
Natural resources and mining^{6,7}		9.5	4.1	2.7	1.7	1.0	1.4
Agriculture, forestry, fishing and hunting⁶	11	5.9	4.1	2.6	1.6	0.9	1.5
Crop production ⁶	111	3.4	2.8	2.1	1.3	0.8	0.7
Support activities for agriculture and forestry	115	1.0	4.3	1.7	(¹⁰)	--	2.6
Mining⁷	21	3.7	4.1	2.8	1.8	1.1	1.2
Oil and gas extraction	211	0.1	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Construction		133.4	5.2	2.7	1.5	1.1	2.5
Construction	23	133.4	5.2	2.7	1.5	1.1	2.5
Nonresidential building construction	2362	16.4	2.5	1.1	0.8	0.3	1.4
Heavy and civil engineering construction	237	16.8	5.0	3.3	1.9	1.4	1.8
Utility system construction	2371	6.2	6.4	3.6	1.5	2.1	2.8
Highway, street, and bridge construction	2373	6.3	4.4	2.6	1.5	1.0	1.9
Specialty trade contractors	238	84.3	5.8	3.0	1.5	1.5	2.8
Foundation, structure, and building exterior contractors	2381	16.5	4.4	2.5	1.6	0.9	1.9
Poured concrete foundation and structure contractors	23811	3.2	4.5	2.0	1.2	0.8	2.5
Masonry contractors	23814	4.4	3.6	2.1	1.3	0.8	1.4
Roofing contractors	23816	3.6	7.1	3.1	2.6	(¹⁰)	4.0
Building equipment contractors	2382	41.4	7.0	3.4	1.5	2.0	3.6
Electrical contractors	23821	18.3	8.9	4.7	1.6	--	4.2
Plumbing, heating, and air-conditioning contractors	23822	19.9	6.0	2.6	1.4	1.2	3.4

See footnotes at end of table.

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Other building equipment contractors	23829	3.3	3.2	1.8	0.9	0.8	--
Building finishing contractors	2383	13.1	5.3	3.2	1.6	1.6	2.0
Other specialty trade contractors	2389	13.3	4.0	1.8	1.4	0.4	2.2
Manufacturing		390.0	5.9	3.2	1.2	2.0	2.7
Manufacturing	31-33	390.0	5.9	3.2	1.2	2.0	2.7
Food manufacturing	311	33.1	5.9	3.9	1.1	2.8	2.0
Sugar and confectionery product manufacturing	3113	2.2	3.7	2.0	(¹⁰)	1.6	1.7
Fruit and vegetable preserving and specialty food manufacturing	3114	3.9	4.0	2.2	0.6	1.6	1.9
Dairy product manufacturing	3115	2.3	4.7	2.4	1.0	1.4	2.3
Animal slaughtering and processing	3116	11.5	7.6	5.9	0.9	5.0	1.8
Bakeries and tortilla manufacturing	3118	7.3	6.9	4.0	1.6	2.4	2.9
Other food manufacturing	3119	3.1	4.9	3.9	1.9	2.0	1.0
Beverage and tobacco product manufacturing	312	5.1	7.0	4.6	2.1	2.5	2.4
Beverage manufacturing	3121	4.2	7.5	5.1	2.5	2.6	2.4
Tobacco manufacturing	3122	0.9	4.3	2.0	(¹⁰)	1.9	2.3
Textile mills	313	5.0	6.1	2.8	1.2	1.6	3.3
Fiber, yarn, and thread mills	3131	2.0	4.1	2.3	1.4	0.9	1.8
Fiber, yarn, and thread mills	31311	2.0	4.1	2.3	1.4	0.9	1.8
Fabric mills	3132	1.3	3.9	2.0	(¹⁰)	1.2	2.0
Textile and fabric finishing and fabric coating mills	3133	1.7	10.1	4.1	1.4	2.7	6.0
Textile product mills	314	3.5	5.6	3.3	0.9	2.4	2.3
Apparel manufacturing	315	6.8	4.5	2.1	1.0	1.0	2.4
Apparel knitting mills	3151	1.1	8.8	3.7	1.7	2.0	5.1
Cut and sew apparel manufacturing	3152	5.2	3.7	1.8	0.9	0.9	1.9
Men's and boys' cut and sew apparel manufacturing	31522	3.0	3.8	2.1	0.9	1.2	1.6
Leather and allied product manufacturing	316	1.2	4.8	3.8	(¹⁰)	2.7	(¹⁰)
Wood product manufacturing	321	17.1	10.2	5.4	2.4	3.0	4.8
Sawmills and wood preservation	3211	4.0	10.0	5.1	4.3	0.7	4.9
Veneer, plywood, and engineered wood product manufacturing	3212	1.5	8.0	5.1	3.0	2.1	2.9
Other wood product manufacturing	3219	11.6	10.6	5.5	1.6	3.9	5.1
Paper manufacturing	322	17.8	3.4	1.8	0.9	0.9	1.6
Converted paper product manufacturing	3222	11.4	4.0	2.1	0.9	1.2	1.9
Paperboard container manufacturing	32221	5.9	3.0	1.2	0.3	0.9	1.8

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Printing and related support activities	323	17.5	4.7	2.9	1.5	1.5	1.8
Printing and related support activities	3231	17.5	4.7	2.9	1.5	1.5	1.8
Printing	32311	16.8	4.8	3.0	1.5	1.5	1.8
Commercial lithographic printing	323110	6.0	4.4	3.0	--	1.3	1.4
Books printing	323117	0.5	6.0	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)
Chemical manufacturing	325	26.5	2.9	1.5	0.6	0.9	1.5
Basic chemical manufacturing	3251	4.4	2.5	1.2	(¹⁰)	1.0	1.4
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing	3252	11.5	2.2	0.9	0.5	0.4	1.2
Soap, cleaning compound, and toilet preparation manufacturing	3256	3.1	4.6	2.8	1.1	1.7	1.9
Plastics and rubber products manufacturing	326	26.1	7.0	4.2	1.7	2.5	2.8
Plastics product manufacturing	3261	14.0	7.7	4.5	1.5	2.9	3.2
Rubber product manufacturing	3262	12.1	6.1	3.9	1.9	2.0	2.2
Nonmetallic mineral product manufacturing	327	15.8	7.6	4.3	1.5	2.8	3.3
Glass and glass product manufacturing	3272	5.0	9.1	4.8	1.5	3.4	4.2
Cement and concrete product manufacturing	3273	6.3	6.9	3.8	1.9	1.9	3.1
Primary metal manufacturing	331	12.0	8.4	4.9	1.9	2.9	3.5
Alumina and aluminum production and processing	3313	3.6	6.0	3.8	1.4	2.4	2.2
Nonferrous metal (except aluminum) production and processing	3314	1.3	4.6	1.8	(¹⁰)	1.3	2.8
Foundries	3315	3.1	10.5	6.3	3.2	3.2	4.1
Fabricated metal product manufacturing	332	42.7	6.2	2.7	1.1	1.6	3.4
Forging and stamping	3321	2.6	11.5	5.9	2.1	3.8	5.6
Cutlery and handtool manufacturing	3322	1.3	6.1	2.0	1.4	(¹⁰)	4.1
Architectural and structural metals manufacturing	3323	11.8	7.7	3.6	1.1	2.4	4.2
Boiler, tank, and shipping container manufacturing	3324	2.0	6.8	3.2	1.0	2.1	3.6
Other fabricated metal product manufacturing	3329	11.4	4.6	2.2	1.2	1.0	2.5
Machinery manufacturing	333	32.0	5.3	2.7	1.0	1.8	2.6
Commercial and service industry machinery manufacturing	3333	1.6	8.6	2.8	1.1	1.6	5.8
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	12.2	4.5	2.5	0.5	2.0	2.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	33341	12.2	4.5	2.5	0.5	2.0	2.0
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	333415	9.5	3.1	1.6	0.4	1.2	1.5
Metalworking machinery manufacturing	3335	4.3	7.1	3.8	2.2	1.6	3.3
Other general purpose machinery manufacturing	3339	6.2	5.6	2.9	1.1	1.7	2.7

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Computer and electronic product manufacturing	334	8.4	4.3	2.3	1.1	1.2	2.0
Navigational, measuring, electromedical, and control instruments manufacturing	3345	2.9	4.4	1.8	0.9	0.9	2.6
Electrical equipment, appliance, and component manufacturing	335	22.6	4.7	3.0	0.9	2.1	1.7
Electric lighting equipment manufacturing	3351	1.9	5.2	3.6	1.1	2.4	1.7
Household appliance manufacturing	3352	11.5	3.2	1.5	0.4	1.1	1.7
Small electrical appliance manufacturing	33521	1.5	4.1	2.7	(¹⁰)	2.0	1.5
Major appliance manufacturing	33522	10.0	3.1	1.3	0.3	1.0	1.7
Electrical equipment manufacturing	3353	5.3	5.5	3.7	0.8	2.9	1.8
Electrical equipment manufacturing	33531	5.3	5.5	3.7	0.8	2.9	1.8
Motor and generator manufacturing	335312	1.9	6.3	3.0	0.9	2.2	3.3
Other electrical equipment and component manufacturing	3359	3.9	7.6	6.1	2.5	3.7	1.4
Transportation equipment manufacturing	336	63.0	6.6	3.5	1.1	2.4	3.1
Motor vehicle parts manufacturing	3363	38.7	6.8	3.4	1.1	2.2	3.4
Motor vehicle gasoline engine and engine parts manufacturing	33631	3.7	7.3	3.1	1.2	1.9	4.2
Motor vehicle steering and suspension components (except spring) manufacturing	33633	3.4	8.9	5.6	2.0	3.6	3.3
Motor vehicle transmission and power train parts manufacturing	33635	1.9	10.6	6.6	2.4	4.2	4.0
Motor vehicle seating and interior trim manufacturing	33636	7.9	6.4	3.6	0.9	2.7	2.8
Motor vehicle metal stamping	33637	3.6	10.7	3.6	1.0	2.6	7.1
Other motor vehicle parts manufacturing	33639	11.2	5.4	2.4	0.9	1.5	3.0
Ship and boat building	3366	5.2	5.0	2.9	0.7	2.2	2.1
Furniture and related product manufacturing	337	16.5	8.1	3.8	1.0	2.8	4.3
Household and institutional furniture and kitchen cabinet manufacturing	3371	12.4	8.4	4.1	0.9	3.2	4.2
Miscellaneous manufacturing	339	15.9	4.3	2.3	0.8	1.5	1.9
Medical equipment and supplies manufacturing	3391	7.1	2.6	1.5	0.6	1.0	1.1
Other miscellaneous manufacturing	3399	8.8	5.6	3.0	0.9	2.0	2.6
Service providing		1,806.5	4.0	1.9	1.0	0.9	2.2
Trade, transportation, and utilities⁹		608.2	5.0	2.7	1.4	1.3	2.3
Wholesale trade	42	133.3	4.4	2.7	1.5	1.2	1.7
Merchant wholesalers, durable goods	423	69.4	3.7	2.6	1.4	1.2	1.1
Merchant wholesalers, nondurable goods	424	46.8	5.3	3.5	2.0	1.6	1.8
Retail trade	44-45	331.5	5.0	2.4	1.0	1.4	2.6

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Motor vehicle and parts dealers	441	44.0	4.9	1.9	1.1	0.8	3.0
Furniture and home furnishings stores	442	10.3	5.4	3.5	2.1	1.4	2.0
Building material and garden equipment and supplies dealers	444	28.7	8.0	4.1	2.3	1.7	3.9
Food and beverage stores	445	48.0	4.9	3.1	1.1	2.0	1.8
Health and personal care stores	446	23.3	1.9	1.0	0.7	--	--
Clothing and clothing accessories stores	448	30.2	3.1	0.4	0.2	0.2	2.7
Sporting goods, hobby, book, and music stores	451	12.8	1.9	0.7	0.3	0.4	1.2
General merchandise stores	452	72.5	6.0	3.9	0.9	3.0	2.1
Transportation and warehousing⁹	48-49	139.9	5.6	3.3	2.0	1.2	2.3
Air transportation	481	6.2	12.9	9.8	5.7	4.1	3.1
Rail transportation ⁹	482	--	1.7	1.2	1.2	(¹⁰)	0.4
Truck transportation	484	64.6	5.1	2.3	1.9	0.4	2.8
Support activities for transportation	488	10.3	5.1	2.4	1.2	1.1	2.7
Couriers and messengers	492	37.1	6.7	5.0	2.5	2.5	1.7
Warehousing and storage	493	13.2	4.6	3.3	1.0	2.3	1.3
Utilities	22	3.6	5.6	3.3	2.5	0.8	2.3
Information		49.4	2.5	1.0	0.8	0.3	1.5
Information	51	49.4	2.5	1.0	0.8	0.3	1.5
Publishing industries (except Internet)	511	12.7	3.4	2.1	1.2	0.8	1.3
Newspaper, periodical, book, and directory publishers	5111	11.6	3.7	2.3	1.4	0.9	1.4
Newspaper publishers	51111	7.1	4.4	2.6	1.3	1.3	1.8
Sound recording industries	5122	1.4	12.0	(¹⁰)	(¹⁰)	(¹⁰)	12.0
Broadcasting (except Internet)	515	6.9	3.4	0.8	0.7	(¹⁰)	2.6
Telecommunications	517	17.2	1.7	1.0	0.9	(¹⁰)	0.7
Financial activities		143.4	1.4	0.8	0.5	0.3	0.6
Finance and insurance	52	106.6	1.0	0.6	--	0.1	0.4
Real estate and rental and leasing	53	36.8	2.4	1.3	0.4	0.9	1.0

See footnotes at end of table.

Table 6. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

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Rental and leasing services	532	12.6	2.6	0.7	0.4	0.3	--
Automotive equipment rental and leasing	5321	3.5	2.1	1.3	1.1	(¹⁰)	--
Professional and business services		322.8	2.0	1.0	0.6	0.5	0.9
Professional, scientific, and technical services	54	109.8	1.1	0.4	0.2	0.2	0.7
Professional, scientific, and technical services	541	109.8	1.1	0.4	0.2	0.2	0.7
Legal services	5411	15.6	0.6	(¹⁰)	(¹⁰)	(¹⁰)	0.5
Management of companies and enterprises	55	23.7	2.3	0.9	0.3	0.6	1.4
Administrative and support and waste management and remediation services	56	189.3	2.8	1.7	1.0	0.7	1.1
Administrative and support services	561	181.7	2.6	1.7	1.0	--	1.0
Facilities support services	5612	3.7	5.4	1.5	1.1	(¹⁰)	4.0
Waste management and remediation services	562	7.5	5.1	2.7	1.5	1.2	2.5
Waste collection	5621	2.1	10.9	6.2	3.6	2.7	4.7
Education and health services		336.7	5.8	2.3	1.2	1.1	3.5
Educational services	61	41.3	2.7	1.1	0.6	0.5	1.6
Health care and social assistance	62	295.4	6.2	2.4	1.3	1.2	3.8
Ambulatory health care services	621	112.8	3.9	1.1	0.6	0.5	2.8
Offices of physicians	6211	52.9	2.5	0.4	0.3	0.2	2.1
Outpatient care centers	6214	12.9	4.7	1.0	0.5	0.6	3.6
Hospitals	622	93.7	7.1	2.2	1.1	1.1	4.9
Nursing and residential care facilities	623	52.8	10.0	5.5	2.5	2.9	4.5
Social assistance	624	36.0	5.8	2.8	1.7	1.0	3.0
Leisure and hospitality		274.2	3.5	1.0	0.4	0.6	2.5
Arts, entertainment, and recreation	71	30.5	4.6	2.0	0.9	1.1	2.6

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Accommodation and food services	72	243.7	3.4	0.9	0.4	0.5	2.5
Accommodation	721	33.5	3.3	1.8	0.9	0.9	1.5
Food services and drinking places	722	210.2	3.4	0.7	0.3	0.4	2.7
Other services		71.8	3.4	1.4	0.8	0.6	2.0
Other services, except public administration	81	71.8	3.4	1.4	0.8	0.6	2.0
Repair and maintenance	811	22.7	4.2	1.6	--	0.3	2.6
Religious, grantmaking, civic, professional, and similar organizations	813	18.4	1.6	0.6	0.2	0.4	1.0
State and local government		336.7	5.0	2.4	1.8	0.6	2.6
State government		94.9	4.5	2.0	1.9	0.1	2.5
Service providing		94.9	4.5	2.0	1.9	0.1	2.5
Public administration		43.9	6.9	3.1	2.9	0.2	3.8
Local government		241.7	5.2	2.5	1.8	0.8	2.7
Service providing		--	--	--	--	--	--
Trade, transportation, and utilities ⁹		9.1	6.4	3.8	1.5	2.3	2.6
Transportation and warehousing ⁹	48-49	--	3.2	2.2	(¹⁰)	(¹⁰)	(¹⁰)
Utilities	22	8.5	6.6	3.9	1.5	2.4	2.8

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Education and health services		51.8	4.3	2.0	1.5	0.5	2.3
Public administration		180.2	5.3	2.6	1.8	0.8	2.7

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 *North American Industry Classification System 2002 Edition*

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

⁵ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data for mining (Sector 21 in the *North American Industry Classification System -- United States, 2002*) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

¹⁰ Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

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