

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2005

Tennessee

Industry ²	NAICS code ³	2005 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		2,620.1	4.8	2.5	1.3	1.2	2.3
Private industry⁶		2,271.0	4.8	2.5	1.2	1.3	2.3
Goods producing⁶		538.4	6.4	3.5	1.4	2.1	2.9
Natural resources and mining^{6,7}		8.7	4.0	1.9	1.1	0.8	2.1
Agriculture, forestry, fishing and hunting⁶	11	5.5	--	1.6	0.8	0.9	2.9
Mining⁷	21	3.2	3.2	2.3	1.6	0.6	0.9
Oil and gas extraction	211	0.0	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Construction		119.7	5.3	2.7	1.9	0.8	2.5
Construction	23	119.7	5.3	2.7	1.9	0.8	2.5
Construction of buildings	236	29.5	3.2	1.7	1.2	0.5	1.4
Residential building construction	2361	14.0	2.5	1.0	0.7	0.3	1.5
Nonresidential building construction	2362	15.5	3.8	2.4	1.7	0.7	1.4
Heavy and civil engineering construction	237	16.7	5.1	2.6	1.3	1.3	2.4
Utility system construction	2371	6.0	6.1	2.6	--	1.1	3.5
Land subdivision	2372	3.3	3.9	1.7	(¹¹)	1.1	2.2
Highway, street, and bridge construction	2373	6.2	4.2	2.9	1.4	1.5	1.3
Other heavy and civil engineering construction	2379	1.2	7.7	3.4	1.8	1.6	4.3
Specialty trade contractors	238	73.5	6.1	3.1	2.3	0.8	3.0
Foundation, structure, and building exterior contractors	2381	14.4	6.5	3.9	2.6	1.3	2.7
Masonry contractors	23814	4.0	8.2	5.3	2.6	2.7	2.9
Roofing contractors	23816	3.3	6.6	3.8	2.5	1.3	2.8
Building equipment contractors	2382	35.9	6.7	3.4	2.5	0.9	3.3
Electrical contractors	23821	16.0	6.3	4.3	3.2	1.1	2.1
Plumbing, heating, and air-conditioning contractors	23822	17.2	7.8	3.1	2.1	1.0	4.7

See footnotes at end of table.

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Other building equipment contractors	23829	2.8	2.7	1.2	1.2	(¹¹)	1.6
Building finishing contractors	2383	11.5	5.0	1.9	1.8	--	3.1
Other specialty trade contractors	2389	11.6	5.0	2.5	1.8	0.8	2.4
Manufacturing		410.0	6.7	3.8	1.3	2.4	3.0
Manufacturing	31-33	410.0	6.7	3.8	1.3	2.4	3.0
Food manufacturing	311	34.2	8.2	5.0	1.5	3.5	3.1
Sugar and confectionery product manufacturing	3113	3.2	6.8	4.1	1.3	2.8	2.8
Fruit and vegetable preserving and specialty food manufacturing	3114	3.6	5.9	3.4	1.1	2.3	2.6
Dairy product manufacturing	3115	2.2	7.0	3.3	1.4	1.9	3.7
Animal slaughtering and processing	3116	11.1	11.2	7.6	1.5	6.1	3.6
Bakeries and tortilla manufacturing	3118	7.6	8.5	5.2	2.0	3.1	3.4
Other food manufacturing	3119	3.7	5.4	3.1	1.7	1.4	2.3
Beverage and tobacco product manufacturing	312	5.5	7.7	5.2	2.1	3.1	2.5
Beverage manufacturing	3121	4.5	8.6	5.8	2.3	3.5	2.9
Tobacco manufacturing	3122	0.9	3.3	2.4	(¹¹)	(¹¹)	(¹¹)
Textile mills	313	5.8	5.4	2.7	1.1	1.6	2.7
Fiber, yarn, and thread mills	3131	2.7	5.0	2.6	1.5	1.1	2.4
Fiber, yarn, and thread mills	31311	2.7	5.0	2.6	1.5	1.1	2.4
Fabric mills	3132	1.3	4.7	2.2	(¹¹)	1.3	2.6
Textile and fabric finishing and fabric coating mills	3133	1.8	6.6	3.2	(¹¹)	2.7	3.4
Textile and fabric finishing mills	31331	1.2	6.8	4.1	(¹¹)	3.9	2.7
Broadwoven fabric finishing mills	313311	0.9	7.5	4.0	(¹¹)	3.8	3.5
Textile and fabric finishing (except broadwoven fabric) mills	313312	0.3	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Textile product mills	314	4.1	9.5	5.0	1.7	3.3	4.5
Apparel manufacturing	315	8.5	5.8	3.2	1.9	1.3	2.5
Cut and sew apparel manufacturing	3152	6.7	5.1	3.2	1.8	1.4	1.9
Cut and sew apparel contractors	31521	2.6	4.5	2.3	1.1	1.3	2.2
Men's and boys' cut and sew apparel manufacturing	31522	3.4	6.3	4.3	2.6	1.7	2.0
Women's and girls' cut and sew apparel manufacturing	31523	0.3	(¹¹)	(¹¹)	(¹¹)	(¹¹)	(¹¹)
Wood product manufacturing	321	17.6	10.3	5.8	2.5	3.3	4.5
Sawmills and wood preservation	3211	3.9	11.0	6.3	4.2	2.1	4.7
Veneer, plywood, and engineered wood product manufacturing	3212	1.4	5.1	5.1	3.9	--	(¹¹)
Other wood product manufacturing	3219	12.3	10.7	5.7	1.7	4.0	5.0

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Paper manufacturing	322	19.0	4.2	2.3	0.9	1.4	1.8
Pulp, paper, and paperboard mills	3221	6.8	3.2	1.4	0.9	0.5	1.8
Converted paper product manufacturing	3222	12.2	4.9	3.0	1.0	2.0	1.9
Printing and related support activities	323	18.7	3.5	2.2	0.6	1.6	1.3
Printing and related support activities	3231	18.7	3.5	2.2	0.6	1.6	1.3
Commercial lithographic printing	323110	6.3	4.2	2.1	0.8	1.3	2.1
Books printing	323117	1.0	6.2	3.2	(¹¹)	2.6	3.1
Petroleum and coal products manufacturing	324	1.0	4.8	3.4	2.3	(¹¹)	1.4
Chemical manufacturing	325	27.2	3.4	2.2	0.8	1.4	1.2
Basic chemical manufacturing	3251	4.8	2.8	1.2	--	0.9	1.6
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing	3252	11.8	0.9	0.5	0.2	0.3	0.4
Soap, cleaning compound, and toilet preparation manufacturing	3256	3.2	8.7	6.5	0.8	5.8	2.2
Plastics and rubber products manufacturing	326	29.2	7.1	4.3	1.7	2.6	2.8
Plastics product manufacturing	3261	15.0	8.4	4.5	1.7	2.9	3.9
Rubber product manufacturing	3262	14.2	5.9	4.1	1.8	2.4	1.8
Nonmetallic mineral product manufacturing	327	15.8	10.9	7.0	2.2	4.7	4.0
Glass and glass product manufacturing	3272	6.0	16.5	11.8	1.7	10.1	4.8
Cement and concrete product manufacturing	3273	5.9	6.9	4.2	2.1	2.1	2.6
Primary metal manufacturing	331	12.1	8.8	4.1	1.2	2.9	4.7
Alumina and aluminum production and processing	3313	3.6	4.9	2.2	1.1	1.2	2.6
Nonferrous metal (except aluminum) production and processing	3314	1.7	4.0	2.0	(¹¹)	1.7	2.0
Foundries	3315	3.5	12.5	6.0	1.5	4.5	6.5
Fabricated metal product manufacturing	332	42.4	7.6	3.6	1.5	2.1	4.0
Forging and stamping	3321	2.3	11.1	1.7	1.0	(¹¹)	9.5
Architectural and structural metals manufacturing	3323	12.2	8.2	5.4	1.9	3.5	2.9
Boiler, tank, and shipping container manufacturing	3324	1.6	7.8	3.4	1.8	1.6	4.4
Hardware manufacturing	3325	2.4	3.4	1.9	(¹¹)	1.4	1.5
Other fabricated metal product manufacturing	3329	11.1	4.8	2.3	0.7	1.6	2.4
Machinery manufacturing	333	34.2	5.5	3.0	1.0	2.0	2.5
Commercial and service industry machinery manufacturing	3333	1.5	5.0	2.8	1.4	1.5	2.1
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	13.1	5.2	3.0	0.7	2.3	2.1
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	33341	13.1	5.2	3.0	0.7	2.3	2.1
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	333415	10.2	4.9	2.8	0.7	2.1	2.1

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Metalworking machinery manufacturing	3335	4.5	3.9	1.4	0.8	0.6	2.5
Other general purpose machinery manufacturing	3339	6.6	8.5	5.2	2.3	3.0	3.3
Computer and electronic product manufacturing	334	10.6	5.0	2.4	0.8	1.6	2.6
Electrical equipment, appliance, and component manufacturing	335	23.6	5.6	3.0	0.7	2.3	2.7
Electric lighting equipment manufacturing	3351	2.1	4.2	2.6	(¹¹)	2.3	1.6
Household appliance manufacturing	3352	12.1	5.8	2.2	0.5	1.7	3.6
Small electrical appliance manufacturing	33521	1.3	3.1	2.0	(¹¹)	1.3	(¹¹)
Major appliance manufacturing	33522	10.8	6.1	2.3	0.5	1.8	3.9
Electrical equipment manufacturing	3353	5.6	4.7	3.1	0.9	2.2	1.6
Electrical equipment manufacturing	33531	5.6	4.7	3.1	0.9	2.2	1.6
Motor and generator manufacturing	335312	2.7	3.9	2.5	0.7	1.8	1.4
Other electrical equipment and component manufacturing	3359	3.9	7.2	5.3	1.0	4.2	1.9
Transportation equipment manufacturing	336	64.0	6.7	3.8	1.2	2.6	2.8
Motor vehicle body and trailer manufacturing	3362	2.5	13.4	4.1	2.1	--	9.3
Motor vehicle parts manufacturing	3363	37.7	6.0	3.7	1.2	2.5	2.4
Motor vehicle gasoline engine and engine parts manufacturing	33631	4.1	6.0	2.8	1.0	1.8	3.2
Motor vehicle steering and suspension components (except spring) manufacturing	33633	3.4	5.9	3.5	1.2	2.3	2.3
Motor vehicle transmission and power train parts manufacturing	33635	1.9	9.0	4.3	1.7	2.6	4.7
Motor vehicle seating and interior trim manufacturing	33636	5.7	4.9	3.5	1.7	1.8	1.4
Motor vehicle metal stamping	33637	3.6	9.4	5.1	1.6	3.5	4.3
Other motor vehicle parts manufacturing	33639	11.3	5.9	4.1	1.0	3.2	1.8
Ship and boat building	3366	5.2	3.3	2.1	0.5	1.6	1.2
Furniture and related product manufacturing	337	19.6	9.3	4.3	1.5	2.7	5.0
Household and institutional furniture and kitchen cabinet manufacturing	3371	15.5	9.1	4.4	1.4	3.0	4.7
Miscellaneous manufacturing	339	15.6	6.3	3.6	1.5	2.0	2.7
Medical equipment and supplies manufacturing	3391	7.1	5.3	3.1	1.2	1.9	2.2
Other miscellaneous manufacturing	3399	8.6	7.2	4.0	1.8	2.2	3.2
Service providing		1,732.5	4.2	2.1	1.1	1.0	2.1
Trade, transportation, and utilities⁹		592.9	5.1	2.8	1.4	1.4	2.2
Wholesale trade	42	130.2	5.1	2.7	1.1	1.6	2.4
Merchant wholesalers, durable goods	423	67.1	4.9	2.4	1.2	1.1	2.5
Merchant wholesalers, nondurable goods	424	46.6	6.1	3.3	0.9	2.5	2.7

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Wholesale electronic markets and agents and brokers	425	16.5	3.2	2.1	1.3	0.8	1.0
Retail trade	44-45	324.6	4.4	2.3	1.1	1.3	2.1
Motor vehicle and parts dealers	441	43.3	3.3	1.9	1.4	0.6	1.4
Furniture and home furnishings stores	442	9.9	6.6	3.6	2.3	1.3	3.0
Electronics and appliance stores	443	8.9	2.6	1.1	0.2	0.9	1.5
Building material and garden equipment and supplies dealers	444	26.5	5.5	2.8	1.3	1.5	2.7
Food and beverage stores	445	45.6	4.9	2.2	1.5	0.6	2.7
Health and personal care stores	446	21.4	3.0	1.4	0.4	1.1	1.6
Gasoline stations	447	24.2	3.8	1.1	1.0	0.1	2.7
Clothing and clothing accessories stores	448	30.8	2.9	1.3	0.6	0.8	1.6
Sporting goods, hobby, book, and music stores	451	12.6	3.2	1.8	0.7	--	1.3
General merchandise stores	452	71.1	6.1	3.9	1.1	2.8	2.2
Transportation and warehousing⁹	48-49	134.6	6.2	3.8	2.3	1.5	2.4
Air transportation	481	6.4	14.5	10.2	5.2	5.1	4.3
Rail transportation ⁹	482	--	2.3	1.6	1.5	(¹¹)	0.6
Truck transportation	484	62.4	5.4	3.2	2.3	0.9	2.2
Support activities for transportation	488	10.2	4.9	2.6	1.4	1.2	2.3
Couriers and messengers	492	35.5	7.6	4.7	2.1	2.6	3.0
Warehousing and storage	493	12.0	5.6	3.2	1.1	2.1	2.3
Utilities	22	3.5	7.2	4.4	3.3	1.1	2.8
Information		48.8	3.7	1.3	0.9	0.3	2.4
Information	51	48.8	3.7	1.3	0.9	0.3	2.4
Publishing industries (except Internet)	511	13.9	2.8	1.5	1.0	0.5	1.3
Newspaper, periodical, book, and directory publishers	5111	12.9	3.0	1.6	1.1	0.5	1.4
Newspaper publishers	51111	8.1	2.8	1.5	0.9	0.7	1.3
Book publishers	51113	1.0	4.2	2.3	(¹¹)	(¹¹)	1.9
Motion picture and video industries	5121	6.6	10.6	2.6	2.2	--	8.1
Broadcasting (except Internet)	515	7.5	1.7	0.6	(¹¹)	--	1.1

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Telecommunications	517	15.4	4.0	1.3	1.2	0.1	2.7
Financial activities		140.5	1.3	0.6	0.5	0.1	0.7
Finance and insurance	52	104.5	0.7	0.2	0.2	--	0.4
Real estate and rental and leasing	53	36.1	3.3	1.7	1.2	0.4	1.7
Rental and leasing services	532	12.4	5.1	2.2	2.0	0.2	2.9
Professional and business services		310.7	2.1	1.1	0.7	0.4	1.0
Professional, scientific, and technical services	54	102.5	1.4	0.5	0.4	0.1	1.0
Professional, scientific, and technical services	541	102.5	1.4	0.5	0.4	0.1	1.0
Legal services	5411	15.2	1.7	0.4	0.3	--	1.3
Scientific research and development services	5417	9.8	1.4	0.4	0.3	(¹¹)	1.0
Management of companies and enterprises	55	23.0	1.2	0.5	0.3	0.1	0.7
Administrative and support and waste management and remediation services	56	185.2	3.3	2.2	1.3	0.8	1.2
Administrative and support services	561	177.2	3.0	2.0	1.3	--	1.1
Office administrative services	5611	6.3	0.7	(¹¹)	(¹¹)	(¹¹)	0.6
Facilities support services	5612	3.6	9.6	5.3	4.1	1.3	4.3
Waste management and remediation services	562	8.0	5.5	3.6	2.0	1.6	1.9
Waste collection	5621	2.0	7.1	5.9	4.6	1.3	1.2
Education and health services		315.4	5.5	2.7	1.2	1.5	2.8
Educational services	61	38.6	2.6	1.2	0.4	0.7	1.4
Health care and social assistance	62	276.9	5.9	2.9	1.3	1.6	3.0
Ambulatory health care services	621	104.7	2.2	0.9	0.7	0.3	1.3
Offices of physicians	6211	50.7	1.8	0.6	0.3	0.4	1.2

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Outpatient care centers	6214	12.3	3.3	1.2	1.1	(¹¹)	2.1
Hospitals	622	88.4	8.3	3.3	1.6	1.7	5.0
Nursing and residential care facilities	623	50.8	11.3	6.9	1.9	5.0	4.4
Social assistance	624	33.0	3.2	1.7	1.2	0.5	1.5
Leisure and hospitality		260.0	4.0	1.5	1.0	0.5	2.5
Arts, entertainment, and recreation	71	29.1	4.7	2.0	1.2	0.8	2.7
Accommodation and food services	72	230.9	3.9	1.4	1.0	0.4	2.5
Accommodation	721	34.0	3.9	1.9	0.8	1.0	2.0
Traveler accommodation	7211	32.8	4.0	1.9	0.9	1.1	2.1
Food services and drinking places	722	196.8	3.9	1.3	1.0	0.3	2.6
Other services		64.2	3.3	1.4	0.8	0.7	1.9
Other services, except public administration	81	64.2	3.3	1.4	0.8	0.7	1.9
Repair and maintenance	811	21.6	3.5	1.5	1.0	0.5	2.0
Automotive repair and maintenance	8111	15.2	3.0	1.3	0.8	0.5	1.7
Personal and laundry services	812	24.6	3.8	1.8	0.8	1.0	1.9
Religious, grantmaking, civic, professional, and similar organizations	813	18.0	2.3	0.6	0.3	0.3	1.7
State and local government		349.2	5.0	2.3	1.7	0.6	2.6
State government		85.3	3.5	1.6	1.5	0.1	1.9
Service providing		83.0	3.5	1.6	1.5	0.1	1.9
Public administration		36.7	5.2	2.3	2.2	0.1	2.9
Local government		263.9	5.5	2.6	1.8	0.8	2.9
Service providing		--	--	--	--	--	--

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Trade, transportation, and utilities⁹		13.8	8.0	4.9	1.6	3.3	3.1
Transportation and warehousing⁹	48-49	--	5.8	2.6	(¹¹)	(¹¹)	3.2
Utilities	22	12.5	8.2	5.1	1.6	3.5	3.1
Education and health services		160.4	4.3	2.3	1.5	0.8	2.0
Other services		1.8	8.9	(¹¹)	(¹¹)	(¹¹)	7.8
Public administration		79.3	5.6	2.5	1.9	0.6	3.1

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.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. 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.

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

¹⁰ Incidence rate less than 0.05.

¹¹ Fewer than 15 cases.

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

-- 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.