



Department of  
**Labor & Workforce  
Development**

# 2019 Tennessee

Census of Fatal Occupational Injuries

The Survey of Occupational Injuries  
and Illnesses





## Introduction

The Occupational Safety and Health Statistics (OSHS) Department operates within the Workforce Insights, Research & Reporting Engine Division (WIR<sup>2</sup>ED) of the Tennessee Department of Labor and Workforce Development.

The OSHS Department conducts an annual Survey of Occupational Injuries and Illnesses (SOII) from a random sample of private and public sector employers throughout the State of Tennessee.

The data collected from this survey is used to produce the occupational injury and illness rates for all industries throughout the State of Tennessee as well as providing the demographic and case characteristic data for work-related injuries and illnesses that resulted in days away from work or job transfer or restriction. The calculated injury and illness rates represent the number of occupational injuries and illnesses per 100 full-time equivalent employees.

The OSHS department also collects data on work-related fatalities and produces the yearly Census of Fatal Occupational Injuries (CFOI). The census provides the most comprehensive and verifiable count of fatal occupational injuries in the United States. The census includes all types of workers (wage and salary, self-employed or volunteer) and covers all work-related fatal injuries regardless of the manner of injury or the investigating party. Multiple data sources are required to verify the accuracy of the data in order to provide the most complete and detailed account of work-related fatalities.

Additional information for both the Survey of Occupational Injuries and Illnesses and the Census of Fatal Occupational Injuries can be found at:

<https://www.jobs4tn.gov/gsipub/index.asp?docid=922>

or <http://www.bls.gov/iif/oshstate.htm#TN>

or <https://www.tn.gov/workforce/general-resources/major-publications0.html>

For specific questions concerning the reports or for greater detailed information please check the following site: <https://data.bls.gov/gqt/InitialPage>

or contact the Tennessee OSHS group at 615-741-2284 or by email at [Wired.Info@tn.gov](mailto:Wired.Info@tn.gov)

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# Section I

Survey of Occupational Injuries and  
Illnesses, Tennessee, 2019

# Tennessee Occupational Injuries and Illnesses - 2019

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries by industry sector and case type  
Tennessee, 2019**

Industry sector <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable case rate
		Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>All industries state and local government<sup>4</sup></b>	2.9	1.5	0.7	0.7	1.4
<b>Private industry<sup>4</sup></b>	2.7	1.4	0.7	0.7	1.3
<b>Goods-producing<sup>4</sup></b>	2.9	1.7	0.7	1.0	1.2
Natural resources and mining <sup>4,5</sup>	4.0	1.6	1.1	0.5	2.4
Agriculture, forestry, fishing and hunting <sup>4</sup>	6.2	2.3	1.7	0.7	3.9
Mining, quarrying, and oil and gas extraction <sup>5</sup>	1.1	0.7	--	--	0.5
Construction	2.1	1.3	0.7	0.6	0.8
Manufacturing	3.1	1.8	0.7	1.1	1.3
<b>Service providing</b>	2.7	1.4	0.7	0.7	1.3
Trade, transportation, and utilities <sup>6</sup>	3.3	2.3	1.2	1.1	1.0
Wholesale trade	2.6	1.7	0.7	1.0	0.9
Retail trade	3.1	2.1	1.0	1.1	1.0
Transportation and warehousing <sup>6</sup>	4.1	3.0	1.8	1.2	1.1
Utilities	3.6	1.2	1.2	--	2.4
Information	0.9	0.3	0.3	0.1	0.6
Financial activities	0.5	0.2	0.1	0.1	0.2
Professional and business services	1.5	0.7	0.5	0.3	0.8
Educational and health services	3.7	1.4	0.7	0.7	2.2
Educational services	2.9	1.1	0.8	0.3	1.8
Health care and social assistance	3.8	1.5	0.7	0.8	2.3
Leisure and hospitality	2.8	1.0	0.5	0.5	1.8
Other services, except public administration	2.7	0.8	0.4	0.5	1.9
<b>State and local government</b>	4.0	1.8	1.1	0.7	2.2
<b>State government</b>	2.2	0.8	0.5	0.4	1.3
<b>Local government</b>	4.6	2.1	1.2	0.8	2.5

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time equivalent workers and was calculated as (N/EH) x 200,000 where

N = number of injuries and illnesses

EH = total hours worked by all employees during the year

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> Days-away-from-work cases include those that result in days away with or without job transfer or restriction.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data for mining (Sector 21 in the North American Industry Classification System-United States, 2017) 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.

<sup>6</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

**NOTE:** Because of rounding, components may not add to totals. Dashes indicate data that do not meet publication guidelines.

**SOURCE:** Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, November 4, 2020.

**Table 2. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>5</sup></b>		2.9	1.5	0.7	0.7	1.4
<b>Private industry<sup>5</sup></b>		2.7	1.4	0.7	0.7	1.3
<b>Goods-producing<sup>5</sup></b>		2.9	1.7	0.7	1.0	1.2
<b>Natural resources and mining<sup>5,6</sup></b>		4.0	1.6	1.1	0.5	2.4
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		6.2	2.3	1.7	0.7	3.9
<b>Mining, quarrying, and oil and gas extraction<sup>6,7</sup></b>		1.1	0.7	--	--	0.5
<b>Construction</b>		2.1	1.3	0.7	0.6	0.8
<b>Construction</b>		2.1	1.3	0.7	0.6	0.8
Construction of buildings	236	1.9	0.9	0.7	0.2	1.0
Nonresidential building construction	2362	1.8	0.8	0.5	0.3	0.9
Heavy and civil engineering construction	237	2.1	1.6	0.9	0.8	0.5
Utility system construction	2371	1.8	1.5	0.9	0.6	0.3
Highway, street, and bridge construction	2373	2.9	2.2	1.1	1.0	0.7
Specialty trade contractors	238	2.1	1.4	0.6	0.7	0.8
Foundation, structure, and building exterior contractors	2381	3.4	2.3	0.9	1.4	1.0
Poured concrete foundation and structure contractors	23811	2.2	0.6	--	--	1.6
Building equipment contractors	2382	2.2	1.2	0.6	0.7	1.0
Electrical contractors and other wiring installation contractors	23821	2.1	1.3	0.6	0.7	0.8
Plumbing, heating, and air-conditioning contractors	23822	2.4	1.2	0.6	0.6	1.2
Other specialty trade contractors	2389	1.4	1.3	--	0.7	--
<b>Manufacturing</b>		3.1	1.8	0.7	1.1	1.3
<b>Manufacturing</b>		3.1	1.8	0.7	1.1	1.3
Food manufacturing	311	3.1	1.8	0.7	1.2	1.2
Fruit and vegetable preserving and specialty food manufacturing	3114	3.4	2.7	0.7	2.0	0.7

**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Animal slaughtering and processing	31161	2.4	1.5	0.5	1.0	0.9
Poultry processing	311615	2.3	1.3	0.3	1.0	1.0
Bakeries and tortilla manufacturing	3118	4.7	2.6	0.9	1.7	2.1
Beverage and tobacco product manufacturing	312	2.5	1.6	0.9	0.7	0.9
Beverage manufacturing	3121	2.6	1.7	0.9	0.8	0.9
Textile mills	313	2.9	1.6	0.5	1.1	1.3
Textile product mills	314	6.0	2.6	1.9	0.7	3.3
Apparel manufacturing	315	2.3	1.2	0.4	0.8	1.1
Cut and sew apparel manufacturing	3152	2.2	1.3	--	0.9	0.9
Wood product manufacturing	321	6.3	3.0	1.5	1.5	3.2
Sawmills and wood preservation	3211	7.0	3.1	3.1	--	3.8
Other wood product manufacturing	3219	5.9	2.7	1.1	1.6	3.2
Paper manufacturing	322	1.5	1.1	0.6	0.6	0.4
Pulp, paper, and paperboard mills	3221	1.6	1.1	0.6	--	--
Converted paper product manufacturing	3222	1.5	1.2	0.6	0.6	0.4
Paperboard container manufacturing	32221	1.8	1.3	0.7	0.7	0.4
Printing and related support activities	323	2.8	0.7	0.3	0.3	2.1
Printing and related support activities	3231	2.8	0.7	0.3	0.3	2.1
Printing	32311	2.8	0.7	0.3	0.3	2.1
Commercial printing (except screen and books)	323111	3.4	0.8	0.4	0.4	2.6
Chemical manufacturing	325	1.3	0.9	0.4	0.6	0.4
Basic chemical manufacturing	3251	1.7	1.1	0.5	0.6	0.6
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	1.2	1.0	0.3	0.6	0.2
Plastics and rubber products manufacturing	326	3.4	2.1	0.8	1.4	1.2
Plastics product manufacturing	3261	3.6	2.0	0.6	1.4	1.6
Rubber product manufacturing	3262	3.1	2.4	1.0	1.4	0.7
Nonmetallic mineral product manufacturing	327	3.6	2.3	0.9	1.4	1.2
Glass and glass product manufacturing	3272	4.8	2.5	1.1	1.4	2.3
Cement and concrete product manufacturing	3273	4.4	3.6	1.3	2.3	0.8
Primary metal manufacturing	331	4.8	3.3	1.6	1.6	1.5

**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Fabricated metal product manufacturing	332	3.1	1.7	0.8	0.8	1.5
Architectural and structural metals manufacturing	3323	5.4	2.8	2.0	0.7	2.6
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	1.1	0.6	--	0.5	0.5
Other fabricated metal product manufacturing	3329	2.1	1.2	0.4	0.8	0.9
Machinery manufacturing	333	2.4	1.4	0.4	1.0	1.0
Agriculture, construction, and mining machinery manufacturing	3331	3.1	1.6	0.7	0.9	1.5
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	3.6	2.1	0.3	1.8	1.5
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	33341	3.6	2.1	0.3	1.8	1.5
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equip manufacturing	333415	2.5	0.9	0.3	0.6	1.5
Other general purpose machinery manufacturing	3339	1.4	0.9	0.5	0.4	0.5
Electrical equipment, appliance, and component manufacturing	335	2.2	1.2	0.3	0.9	0.9
Household appliance manufacturing	3352	2.6	1.5	0.4	1.1	1.1
Electrical equipment manufacturing	3353	1.5	0.8	--	0.6	0.6
Transportation equipment manufacturing	336	3.9	2.2	0.7	1.5	1.6
Motor vehicle manufacturing	3361	6.8	3.8	1.4	2.4	3.0
Motor vehicle parts manufacturing	3363	3.0	1.8	0.5	1.3	1.2
Motor vehicle gasoline engine and engine parts manufacturing	33631	2.7	1.7	0.6	1.1	1.0
Motor vehicle seating and interior trim manufacturing	33636	3.7	2.5	0.6	2.0	1.1
Other motor vehicle parts manufacturing	33639	2.4	1.7	0.3	1.4	0.7
Ship and boat building	3366	2.0	0.9	0.4	0.4	1.1
Furniture and related product manufacturing	337	4.8	2.7	0.5	2.2	2.1
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.7	2.2	--	2.0	1.5
Miscellaneous manufacturing	339	1.7	0.9	0.5	0.5	0.7
Medical equipment and supplies manufacturing	3391	1.1	0.5	--	--	0.6
Medical equipment and supplies manufacturing	33911	1.1	0.5	--	--	0.6
Surgical appliance and supplies manufacturing	339113	1.3	0.6	--	--	0.7
Other miscellaneous manufacturing	3399	2.3	1.4	0.6	0.8	0.9
<b>Service-providing</b>		2.7	1.4	0.7	0.7	1.3



**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Trade, transportation, and utilities <sup>8</sup></b>		3.3	2.3	1.2	1.1	1.0
<b>Wholesale trade</b>		2.6	1.7	0.7	1.0	0.9
Merchant wholesalers, durable goods	423	2.7	1.6	0.8	0.8	1.1
Merchant wholesalers, nondurable goods	424	2.9	2.2	0.7	1.5	0.7
<b>Retail trade</b>		3.1	2.1	1.0	1.1	1.0
Motor vehicle and parts dealers	441	3.0	2.3	1.4	0.9	0.7
Automobile dealers	4411	2.6	1.6	0.9	0.7	1.0
Furniture and home furnishings stores	442	4.2	0.9	0.2	0.6	3.3
Building material and garden equipment and supplies dealers	444	4.8	3.1	1.4	1.7	1.7
Building material and supplies dealers	4441	5.5	3.5	1.6	1.9	2.0
Food and beverage stores	445	3.3	2.5	1.1	1.4	0.8
Health and personal care stores	446	1.3	0.7	--	0.5	0.6
Gasoline stations	447	1.3	0.5	--	0.2	0.8
Sporting goods, hobby, musical instrument, and book stores	451	1.9	1.2	0.4	0.8	0.7
General merchandise stores	452	4.1	2.6	1.0	1.6	1.5
General merchandise stores, including warehouse clubs and supercenters supercenters	4523	3.8	2.6	0.8	1.8	1.2
General merchandise stores, including warehouse clubs and supercenters	45231	3.8	2.6	0.8	1.8	1.2
Warehouse clubs and supercenters	452311	3.9	2.5	0.9	1.6	1.4
<b>Transportation and warehousing <sup>8</sup></b>		4.1	3.0	1.8	1.2	1.1
Air transportation	481	6.5	4.9	2.8	2.1	1.6
Truck transportation	484	3.9	2.6	1.7	1.0	1.3
General freight trucking	4841	4.0	2.5	1.5	1.0	1.5
General freight trucking, long-distance	48412	4.0	2.5	1.5	1.0	1.5
General freight trucking, long-distance, truckload	484121	3.8	2.1	1.5	0.6	1.6
Specialized freight trucking	4842	3.5	3.0	2.3	--	0.5
Specialized freight (except used goods) trucking, long-distance	48423	2.7	2.6	2.5	--	--
Support activities for transportation	488	5	3.9	1.7	--	1.0

**Table 2. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Warehousing and storage	493	2.9	2.3	1.2	1.1	0.6
Warehousing and storage	4931	2.9	2.3	1.2	1.1	0.6
General warehousing and storage	49311	3.0	2.4	1.3	1.1	0.6
<b>Utilities</b>		3.6	1.2	1.2	--	2.4
<b>Information</b>		0.9	0.3	0.3	0.1	0.6
<b>Information</b>		0.9	0.3	0.3	0.1	0.6
Telecommunications	517	1.2	0.9	0.8	--	--
<b>Financial activities</b>		0.5	0.2	0.1	0.1	0.2
<b>Finance and insurance</b>		0.2	0.1	( <sup>9</sup> )	--	0.1
<b>Real estate and rental and leasing</b>		1.2	0.7	0.3	0.4	0.5
<b>Professional and business services</b>		1.5	0.7	0.5	0.3	0.8
<b>Professional, scientific, and technical services</b>		1.4	0.4	0.2	0.3	1.0
<b>Management of companies and enterprises</b>		0.6	0.3	0.3	0.1	0.3
<b>Administrative and support and waste management and remediation services</b>		2.1	1.2	0.8	0.3	0.9
Administrative and support services	561	1.8	0.9	0.7	0.3	0.9
Investigation and security services	5616	2.7	0.7	0.6	0.1	--
Services to buildings and dwellings	5617	2.2	1.3	0.8	0.5	0.9
<b>Educational and health services</b>		3.7	1.4	0.7	0.7	2.2
<b>Educational services</b>		2.9	1.1	0.8	0.3	1.8
<b>Health care and social assistance</b>		3.8	1.5	0.7	0.8	2.3
Ambulatory health care services	621	2.0	0.5	0.4	0.1	1.5

**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Hospitals	622	6.1	2.0	0.7	1.3	4.1
General medical and surgical hospitals	6221	6.1	1.9	0.7	1.2	4.2
Specialty ( except psychiatric and substance abuse) hospitals	6223	6.4	3.0	2.1	1.0	3.3
Nursing and residential care facilities	623	5.4	3.3	1.5	1.8	2.1
Social assistance	624	2.3	1.1	0.6	0.6	1.1
<b>Leisure and hospitality</b>		2.8	1.0	0.5	0.5	1.8
<b>Arts, entertainment, and recreation</b>		3.8	1.6	0.7	0.9	2.2
<b>Accommodation and food services</b>		2.7	0.9	0.5	0.4	1.8
Accommodation	721	2.4	1.2	0.6	0.6	1.2
Food services and drinking places	722	2.8	0.9	0.5	0.4	1.9
Restaurants and other eating places	7225	2.8	0.9	0.5	0.4	2.0
<b>Other services (except public administration)</b>		2.7	0.8	0.4	0.5	1.9
<b>Other services (except public administration)</b>		2.7	0.8	0.4	0.5	1.9
Repair and maintenance	811	4.8	0.9	0.5	0.3	3.9
Personal and laundry services	812	1.0	0.7	0.1	--	0.3
<b>State and local government<sup>5</sup></b>		4.0	1.8	1.1	0.7	2.2
<b>State government<sup>5</sup></b>		2.2	0.8	0.5	0.4	1.3
<b>Service-providing</b>		2.2	0.8	0.5	0.4	1.3
<b>Educational and health services</b>		2.0	0.9	0.5	0.4	1.1
<b>Educational services</b>		1.7	0.6	0.3	0.3	1.0
Educational services	611	1.7	0.6	0.3	0.3	1.0
Colleges, universities, and professional schools	6113	1.6	0.7	0.3	0.4	0.9

**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Health care and social assistance</b>		6.6	4.0	2.1	1.9	2.6
Hospitals	622	6.9	3.6	2.2	1.4	3.3
<b>Public administration</b>		--	--	--	--	--
<b>Public administration</b>		--	--	--	--	--
Justice, public order, and safety activities	922	2.6	0.8	0.4	--	1.7
Justice, public order, and safety activities	9221	2.6	0.8	0.4	--	1.7
Police protection	92212	3.6	--	--	--	3.1
Correctional institutions	92214	4.3	1.5	0.6	--	--
<b>Local government<sup>5</sup></b>		4.6	2.1	1.2	0.8	2.5
<b>Goods-producing<sup>5</sup></b>		8.7	6.7	6.6	--	2.0
<b>Service-providing</b>		4.5	2.0	1.2	0.9	2.5
<b>Trade, transportation, and utilities<sup>8</sup></b>		--	--	--	--	--
<b>Utilities</b>		5.0	2.6	1.3	1.3	2.4
Utilities	221	5.0	2.6	1.3	1.3	2.4
Water, sewage and other systems	2213	6.2	2.1	1.4	0.7	4.1
<b>Educational and health services</b>		3.8	1.3	0.7	0.6	2.4
<b>Educational services</b>		3.1	1.2	0.5	0.6	1.9
Educational services	611	3.1	1.2	0.5	0.6	1.9
Elementary and secondary schools	6111	3.1	1.2	0.5	0.6	1.9
<b>Healthcare and social assistance</b>		6.4	1.9	1.2	0.7	4.4
Hospitals	622	6.6	1.7	0.9	0.7	4.9
Nursing and residential care facilities	623	9.1	5.4	3.9	1.5	3.7

**Table 2. Incidence rates <sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2019 - continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Public administration</b>		5.7	3.0	1.9	1.1	2.7
<b>Public administration</b>		5.7	3.0	1.9	1.1	2.7

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time equivalent 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).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> Data are coded using the North American Industry Classification System (NAICS). For more information on the version of NAICS used in this year, see our Handbook of Methods concepts page: <https://www.bls.gov/opub/hom/soii/concepts.htm>.

<sup>4</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) 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

<sup>7</sup> 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 requirement effective January 1, 2002; therefore estimates for these industries are not comparable to other industries

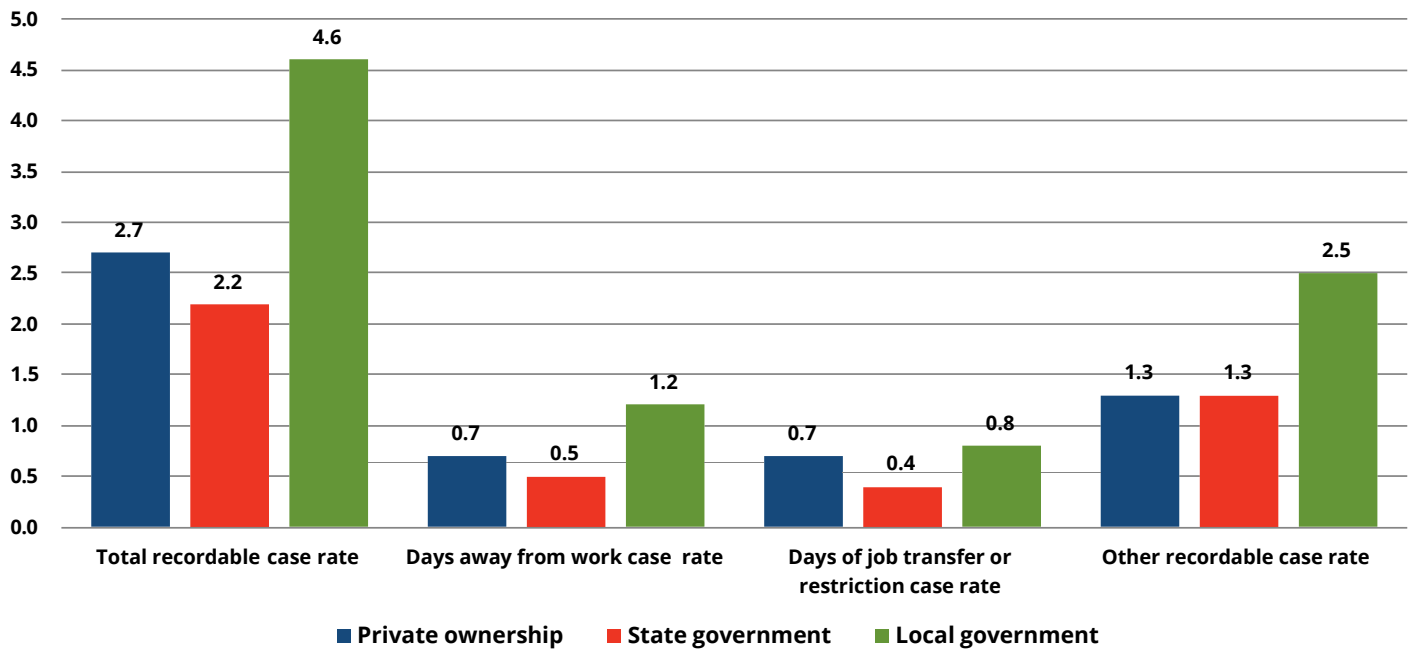
<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation

<sup>9</sup> Data too small to be displayed.

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

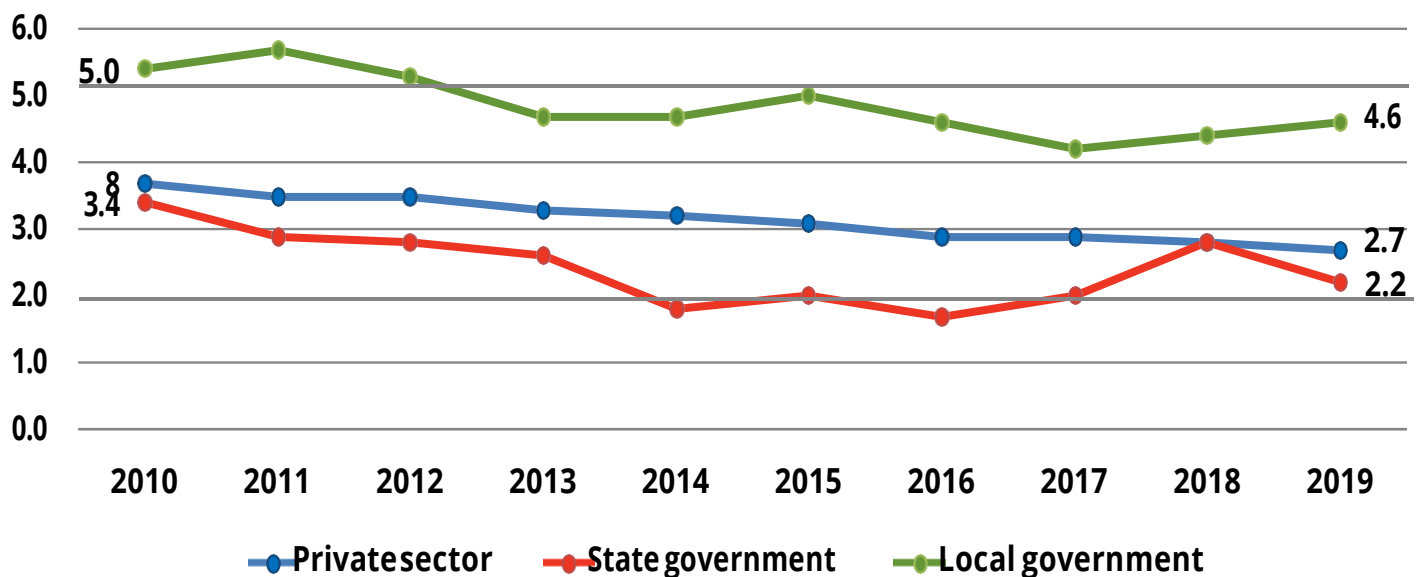
SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, November 4, 2020.

**Chart 1. Incidence rates of nonfatal occupational injuries and illnesses by case types, Tennessee, all ownerships, 2019**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

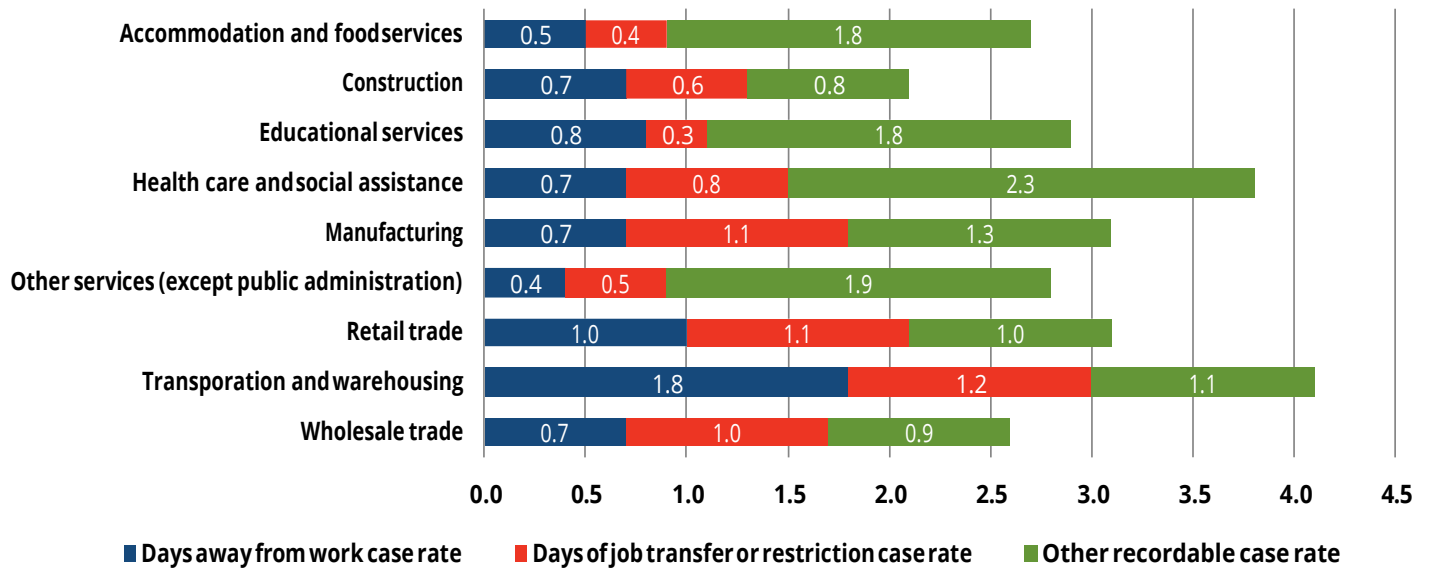
**Chart 2. Incidence rates of nonfatal occupational injuries and illnesses, Tennessee, all ownerships, 2010-2019**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

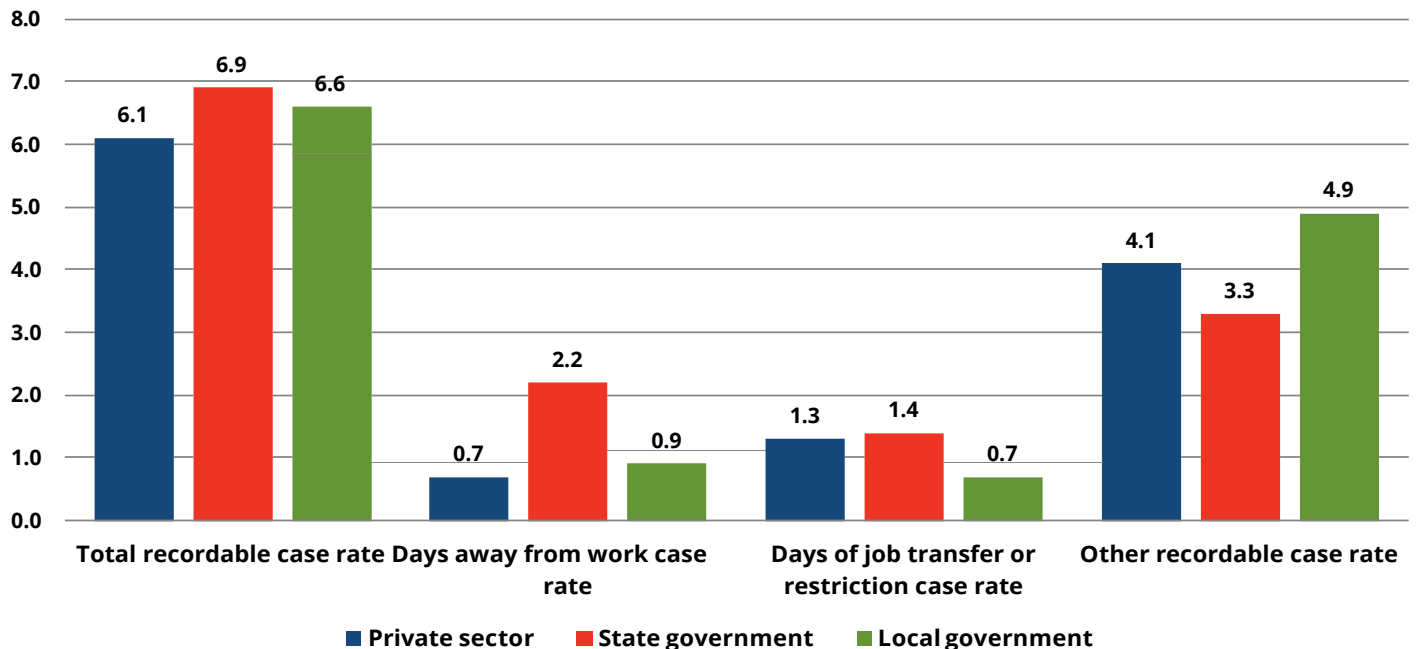
## Tennessee Occupational Injuries and Illnesses - 2019

Chart 3. Incidence rates of nonfatal occupational injuries and illnesses by days away from work, job transfer or restriction, and other recordable case rates by select industry sectors, Tennessee, private industry, 2019



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

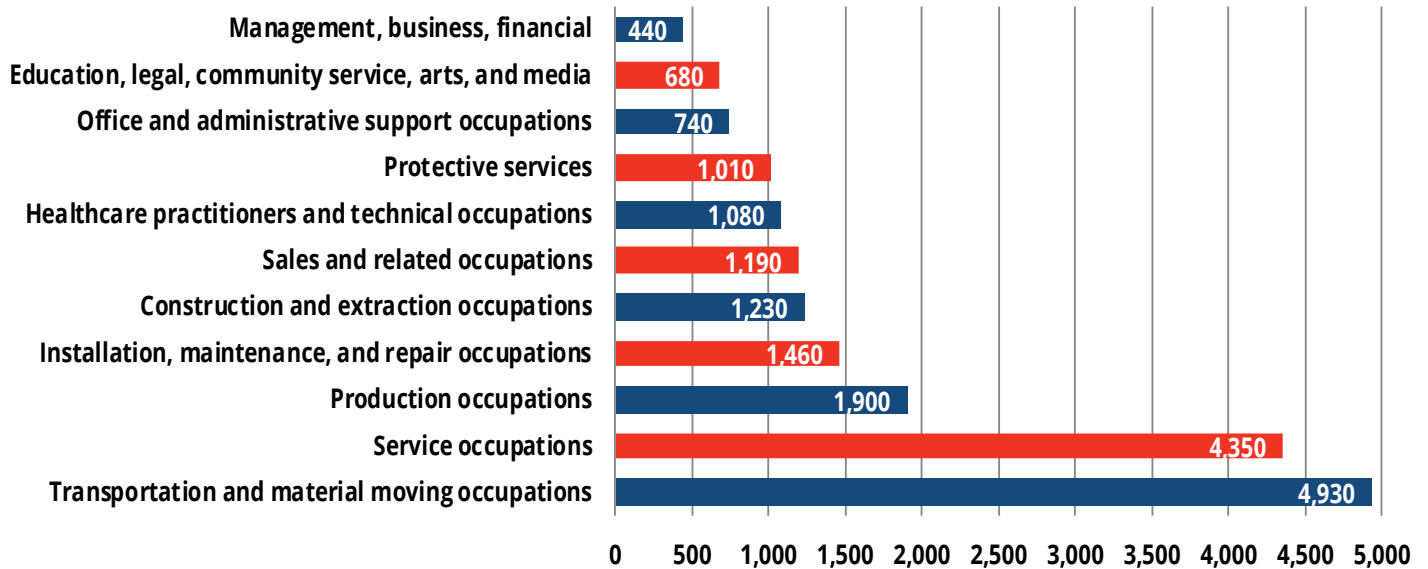
Chart 4. Incidence rates of nonfatal occupational injuries and illnesses in hospitals (NAICS 622) by ownership and case type, Tennessee, all ownerships, 2019



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

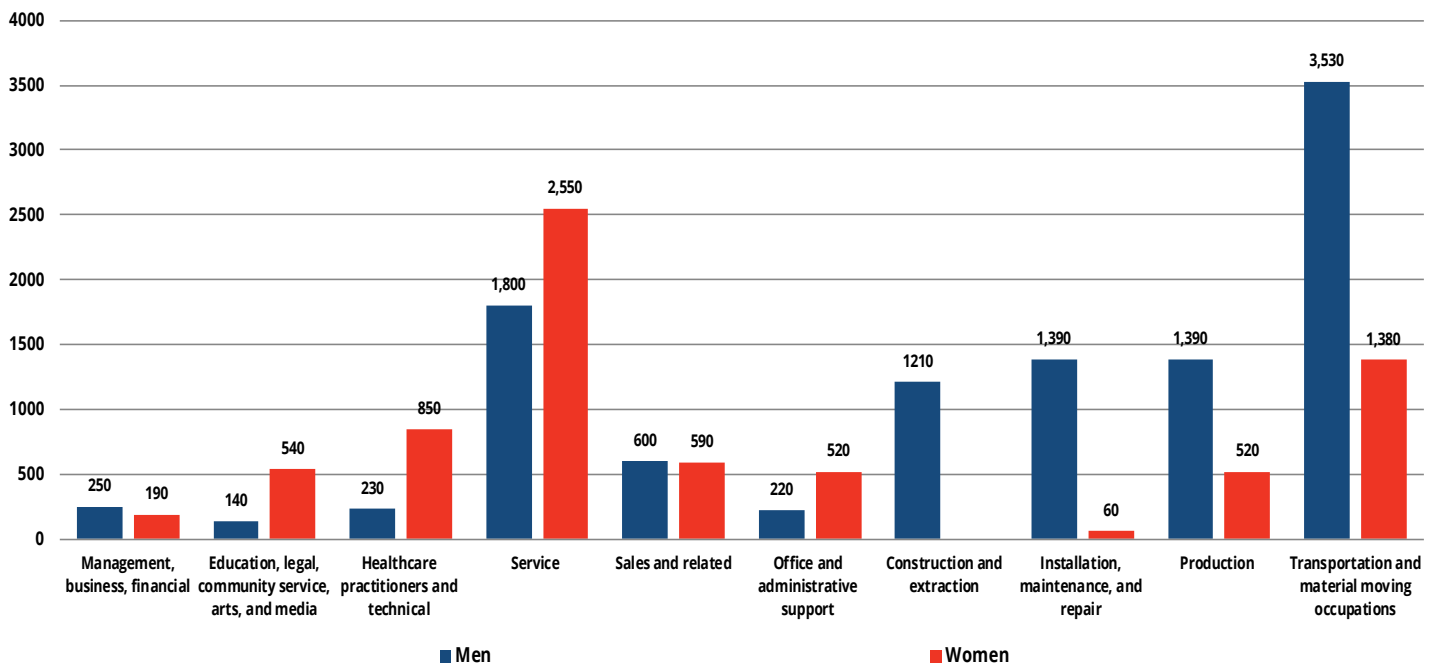
## Tennessee Occupational Injuries and Illnesses - 2019

Chart 5. Number of nonfatal occupational injuries and illnesses involving days away from work by select major occupational group and major industry sector, Tennessee, all ownerships, 2019 (18,360 cases)



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

Chart 6. Number of nonfatal occupational injuries and illnesses involving days away from work by major occupation and gender, Tennessee, all ownerships, 2019 (18,360 cases)

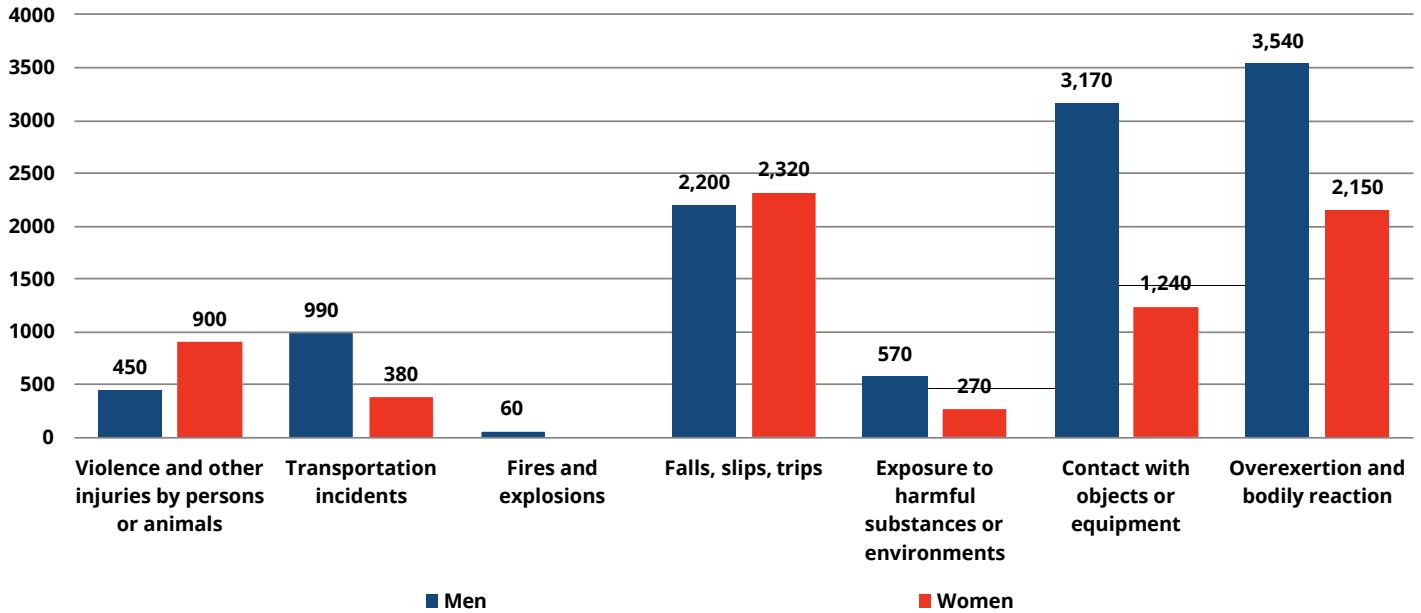


SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020



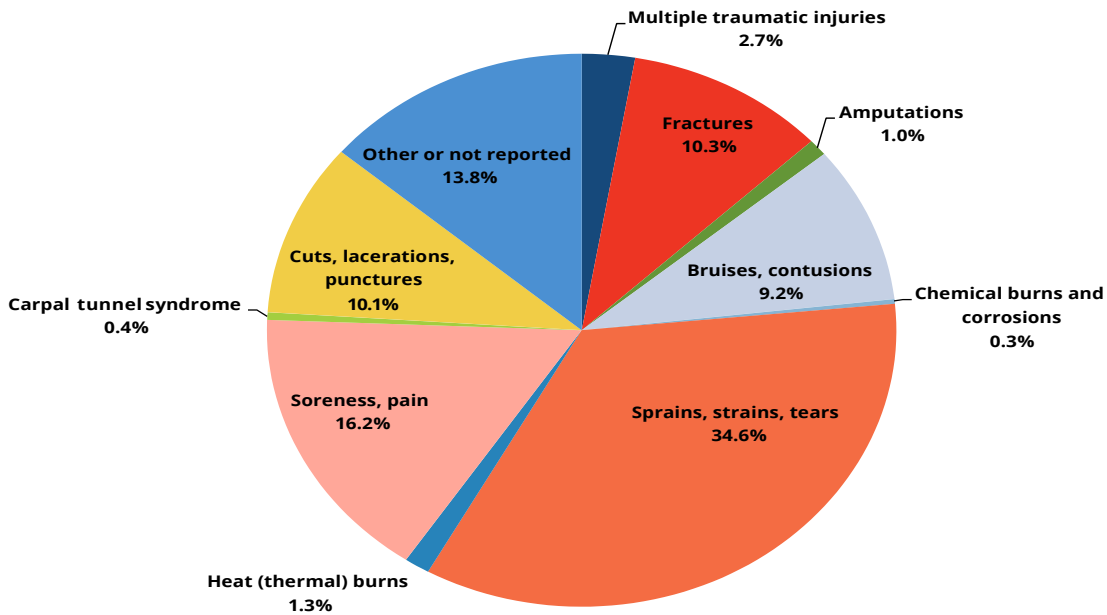
# Tennessee Occupational Injuries and Illnesses - 2019

**Chart 7. Number of nonfatal occupational injuries and illnesses involving days away from work by event or exposure and gender, Tennessee, all ownerships, 2019 (18,360 cases)**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

**Chart 8. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work by nature of injury or illness, Tennessee, all ownerships, 2019 (18,360 cases)**



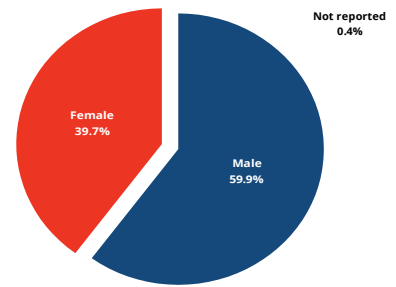
SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 4, 2020

# Tennessee Occupational Injuries and Illnesses - 2019

Percent distribution of nonfatal occupational injuries with days away from work by:

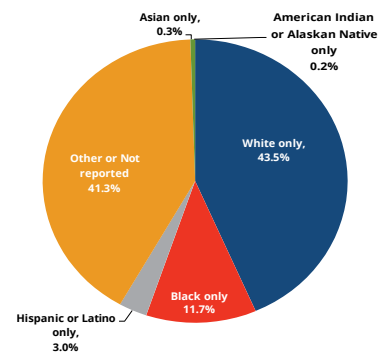
## Chart 9. Gender

During 2019, males in Tennessee experienced 59.9% of the estimated 18,360 occupational injuries and illnesses resulting in days away from work due to a work related incident. Females accounted for 39.7% of the days away from work cases.



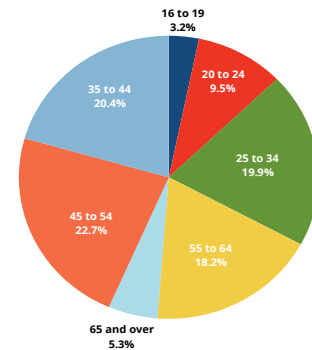
## Chart 10. Race or Ethnic Origin

Of the estimated 18,360 occupational injuries and illnesses resulting in days away from work due to an occupational incident in Tennessee during 2019, 43.5% occurred to those workers identified as white only, 11.7% to those listed as black only, 3.0% to Hispanic or Latino only, and 41.3% to those listed as multiple races or where the race was not reported.



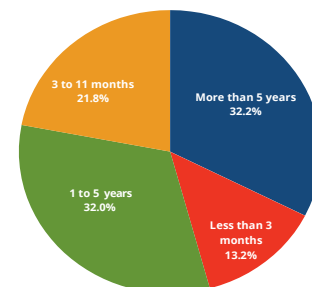
## Chart 11. Age range

An estimated 22.7% of the 18,360 occupational injuries and illnesses requiring days away from work in Tennessee during 2019 occurred to those between the ages of 45 and 54 years of age. An additional 20.4% occurred to those between the ages of 35 and 44.



## Chart 12. Length of service

During 2019, an estimated 32.2% of the occupational injuries and illnesses requiring days away from work occurred to those more than 5 years of service with their employer. An additional 32.0% of these injuries and illnesses were to employees with 1 to 5 years of service.





# Section II

Census of Fatal Occupational Injuries,  
Tennessee, 2019

## Tennessee Census of Fatal Occupational Injuries - 2019

### Tennessee Census of Fatal Occupational Injuries (CFOI), 2019

There were 124 fatal work-related injuries in Tennessee during 2019, an increase of 2 percent over the 122 recorded during 2018.

#### Key findings of the 2019 Census of Fatal Occupational Injuries:

- There were 95 fatal work injuries to wage and salary workers and 29 to self-employed persons.
- There were 117 fatal work injuries to men and 7 fatal work injuries to women.
- There were 114 fatal work injuries in the private sector and 10 to government workers.
- Fatal work-related injuries due to transportation incidents increased 38 percent from 2018 to 2019 while fatal work-related incidents of violence decreased by 26 percent.
- There were 84 fatal work-related injuries to White (non-Hispanic) workers, 21 to Black or African-American (non-Hispanic) workers, 16 to Hispanic or Latino workers, and 3 to Asian (non-Hispanic) workers.
- The highest number of fatal injury occupational injuries occurred to workers in the major occupational group of transportation and material moving workers with 34 work fatalities.
- The range of workers between the ages of 35 to 44 suffered the most fatal work injuries in Tennessee during 2019 with 28 fatalities or 23 percent of the yearly total.

**Table 3. Number of fatal work-related injuries by event or exposure, Tennessee, 2016-2019**

Event or exposure	2019	2018	2017	2016
Transportation incidents	58	42	57	42
Violence and other injuries by persons or animals	17	23	20	26
Contact with objects and equipment	18	24	18	26
Falls, slips, trips	16	19	21	20
Exposure to harmful substances or environments	--	10	12	6
Fires and explosions	--	4	--	2
Yearly Totals	124	122	128	122

**NOTE:** Totals for major categories may not sum to yearly totals. Dashes indicate no data or data that do not meet publication criteria.

**SOURCE:** Bureau of Labor Statistics, U.S. Department of Labor, Census of Fatal Occupational Injuries, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcfdef.htm>.

## Tennessee Census of Fatal Occupational Injuries - 2019

**Table 4. Number of fatal occupational injuries by worker characteristics and event or exposure, Tennessee, 2018 (122 fatalities)**

Selected worker characteristics	Total fatalities (number)	2019					
		Event or exposure <sup>1</sup>					
		Violence and other injuries by persons or animals <sup>2</sup>	Transportation incidents <sup>3</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	124	17	58	--	16	--	18
Employee status							
Wage and salary <sup>4</sup>	95	--	45	--	12	--	11
Self-employed <sup>5</sup>	29	--	13	--	4	--	7
Gender							
Men	117	13	--	--	--	--	18
Women	7	4	--	--	--	--	--
Age							
Under 18 years	--	--	--	--	--	--	--
18 to 19 years	1	--	--	--	--	--	--
20 to 24 years	7	--	--	--	--	--	--
25 to 34 years	23	3	11	--	--	--	4
35 to 44 years	28	--	12	--	4	--	4
45 to 54 years	23	4	10	--	--	--	3
55 to 64 years	24	4	12	--	4	--	--
65 years and older	18	--	--	--	3	--	4
Race or ethnic origin <sup>6</sup>							
White (non-Hispanic)	84	12	43	--	6	--	14
Black or African American (non-Hispanic)	21	--	9	--	--	--	4
Hispanic or Latino	16	--	--	--	8	--	--
Asian (non-Hispanic)	3	--	--	--	--	--	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>2</sup> Includes violence by persons, self-inflicted injuries, and attacks by animals.

<sup>3</sup> Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>4</sup> May include volunteers and workers receiving other types of compensation.

<sup>5</sup> Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

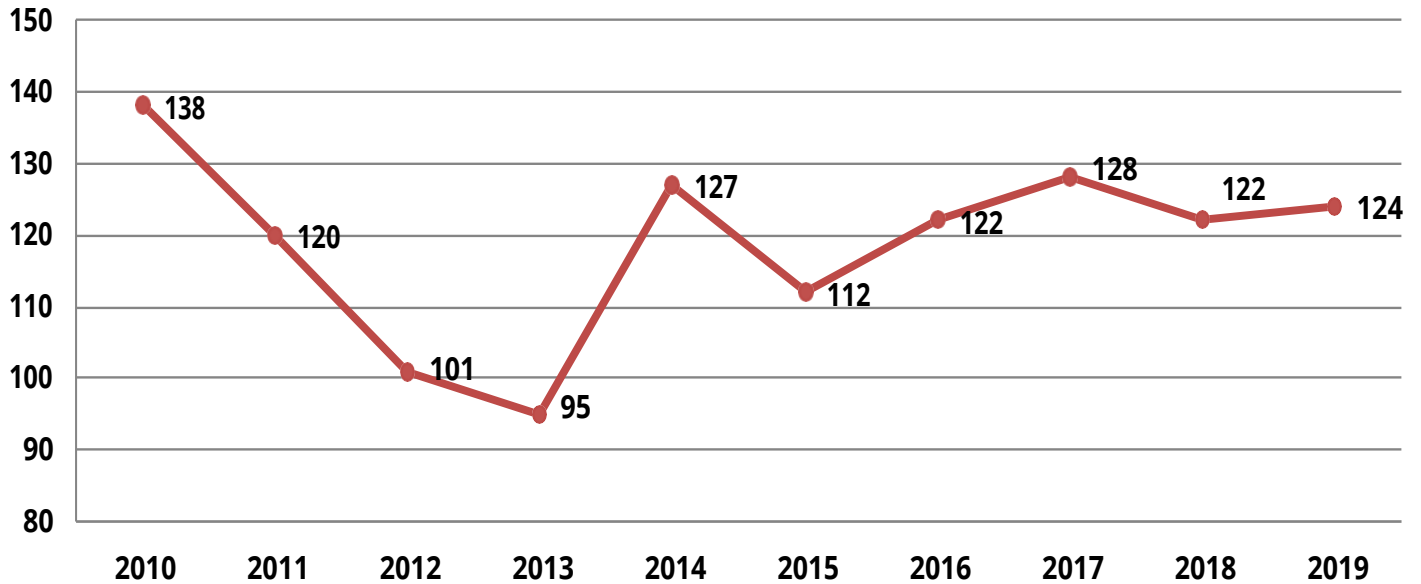
<sup>6</sup> Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

**NOTE:** Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatality counts exclude illness related deaths unless precipitated by an injury event.

**SOURCE:** U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcfdef.htm>.

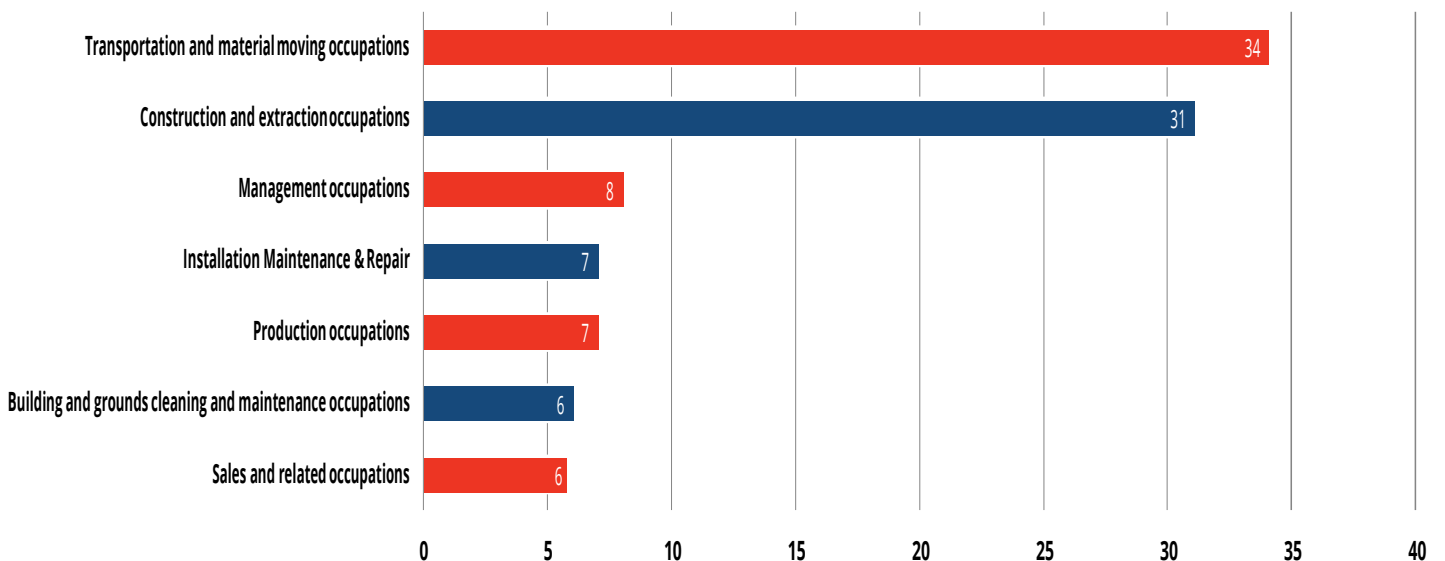
## Tennessee Census of Fatal Occupational Injuries - 2019

**Chart 13. Number of fatal work-related occupational injuries  
Tennessee, 2010-2019**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcdef.htm>.

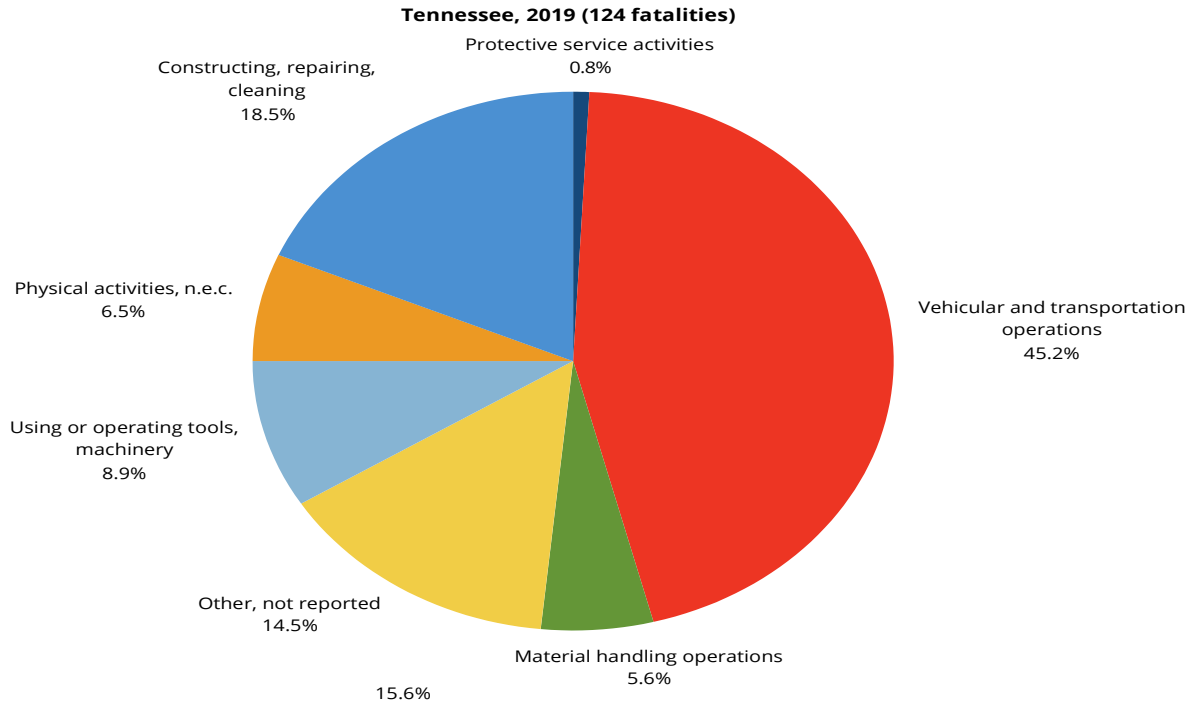
**Chart 14. Number of fatal work-related occupational injuries by major occupational group  
Tennessee, 2019 (124 fatalities)**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcdef.htm>.

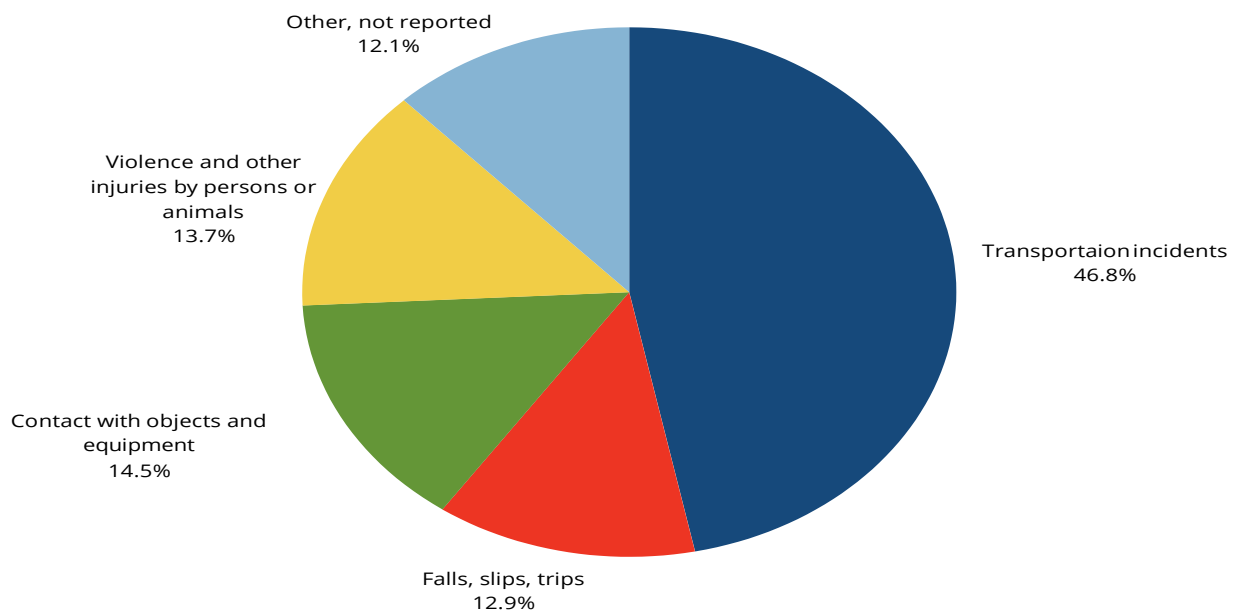
## Tennessee Census of Fatal Occupational Injuries - 2019

**Chart 15. Percent distribution of fatal work-related occupational injuries by worker activity,**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcdef.htm>.

**Chart 16. Percent distribution of fatal work-related occupational injuries by event or exposure,**



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, December 16, 2020. See data definitions at <http://www.bls.gov/iif/oshcdef.htm>.

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