

2021
Occupational Injury, Illness, and Fatality Report



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2021 Survey of Occupational Injuries & Illnesses

INTRODUCTION

Occupational Safety and Health Program

The Kentucky Occupational Safety and Health (OSH) Program, under the statutory authority of Kentucky Revised Statutes (KRS) Chapter 338, and through a state plan approved by the U.S. Department of Labor (DOL), Occupational Safety and Health Administration (OSHA), exercises jurisdiction for enforcement, on-site consultation, training, and standards promulgation, related to workplace safety and health. Enforcement activities and voluntary compliance services are extended to the public and private sectors with the exception of employees of the federal government and employers under the authority of federal agencies other than OSHA, such as the Mine Safety and Health Administration or the Federal Railroad Administration. OSHA exercises jurisdiction in Kentucky for private sector maritime activities as well as Tennessee Valley Authority employment, military bases, and other properties ceded to the United States government.

SOII Survey

Kentucky's OSH Statistical Services conducts an annual Survey of Occupational Injuries and Illnesses (SOII). The type of data collected in the survey includes annual average employment, total hours worked, as well as injury and illness totals for the state. Demographic data and case characteristics are provided for cases that involve one (1) day or more away from work. The survey is a random sample conducted in conjunction with the United States Bureau of Labor Statistics (BLS). The results are published annually by Statistical Services and data is merged with national statistics to formulate incidence rates on a national level. This publication includes the top ten (10) hazardous industries in Kentucky as well as comparisons between Kentucky and national data.

This survey is designed to provide an estimate of the number of work related injuries and illnesses and a measure of the frequency (rate) at which they occur. For cases that involve one (1) or more days away from work, it also provides a description of the injury or illness circumstances and the characteristics of affected workers.

Benefits of SOII Data

SOII data helps identify and correct hazards in the workplace. National and State policy makers use the survey as an indicator of the OSH conditions across industries and types of employees. OSHA uses the data to help determine where additional measures are needed to improve safety programs and to measure the effectiveness of the 1970 act in reducing work-related injuries and illnesses. Both labor and management use the estimates to design and evaluate safety programs. Other users include insurance carriers involved in workers' compensation, industrial hygienists, manufacturers of safety equipment, researchers, and others concerned with occupational safety and health.

TECHNICAL NOTES

The survey collected data from Kentucky employers in the following industries.

- Accommodation and Food Services
- Administrative & Support & Waste Management & Remediation Services
- Agriculture, Forestry, Fishing, & Hunting
- Arts, Entertainment, and Recreation
- Construction
- Educational Services
- Finance & Insurance
- Health Care and Social Assistance
- Information
- Manufacturing
- Mining, Quarry, & Oil/Gas Extraction
- Other Services (Except Public Administration)
- Public Administration
- Real Estate, Rental, & Leasing
- Retail Trade
- Transportation & Warehousing
- Utilities
- Wholesale Trade

All employees, part-time, full-time, casual, etc., in the aforementioned industries were covered. Self-employed individuals, farms with less than ten (10) employees, and federal government were excluded. Although not collected using the BLS survey instrument, data for employers covered by the Coal Mine Health and Safety Act and the Metallic and Nonmetallic Mine Safety Act were provided to this publication by the Mine Safety and Health Administration. The United States Department of Transportation, Federal Railroad Administration, provided railroad employer data for this publication.

Survey, sample design, and calculation information is posted at:

www.bls.gov/opub/hom/soii/home.htm.

REFERENCE TABLES

Summary Data

The BLS Survey of Occupational Injuries and Illnesses collected data recorded on OSHA's Form 300, log of Work-Related Injuries and Illnesses. For calendar year 2019, the number of cases reported on the Log is expressed as an incidence rate and as a count of cases.

Case Types

TRC = Total recordable cases

DART = Days away from work, job transfer, or restriction cases

DAFW = Days away from work cases

DJTR = Days of job transfer or restriction only cases

ORC = other recordable cases beyond first aid

Case Data

Employers submitted additional information for each case that an employee missed days away from work. The data on these forms provided the information for the remainder of the tables in this section of the publication. Each injury or illness became part of a database containing the following characteristics:

- Physical condition, or nature of injury or illness (cut, sprain, fracture);
- Part of the body affected by the condition;
- Source of injury or illness-the object, substance, exposure, or bodily motion that directly produced or inflicted the condition;
- Type of event or exposure associated with the injury or illness-that is, how the condition; was inflicted or produced (struck by an object, fall, bodily motion);
- Occupation of the person;
- Race;
- Age;
- Hire date;
- Gender;
- Time of event; and
- Number of days missed per case.

Tables are posted at www.bls.gov/iif.

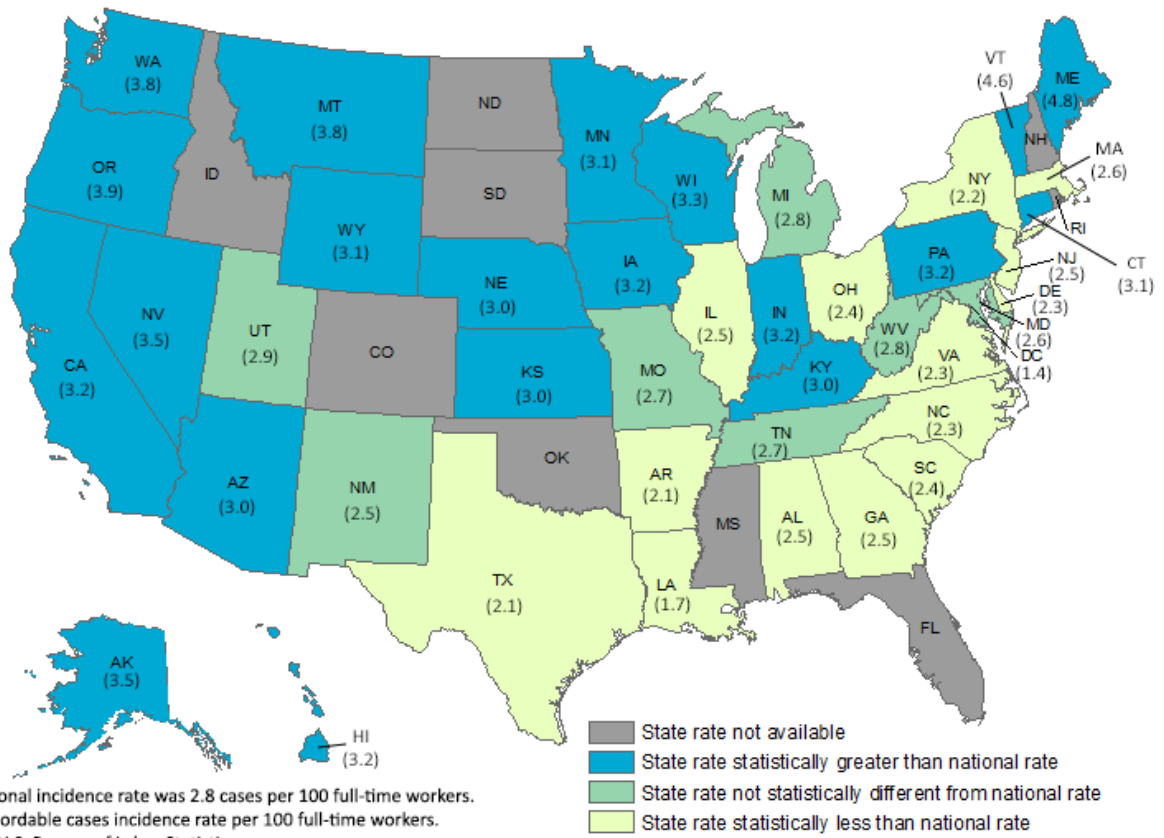
SOII 2021 Summary

The SOII 2019 data from BLS reported a 0.2 decrease in the incident rate for nonfatal private and public sector occupational injuries and illnesses. Kentucky's rate was 3.3 in 2017, 3.4 in 2018, and 3.2 in 2019. Overall, with one (1) minor exception in 2018, Kentucky's rate has steadily declined since it was first calculated in 1996, when a rate of 9.0 was reported.

Five (5) sectors experienced significant improvements in industry-specific incident rates. Comparing data from 2018 to 2019, "Police Protection" improved by 8 points, "Other Specialty Trade Contractors" improved by 5.5 points, "Hospitals" improved by 3.5 points, "Machine Shops, Turned Product, and Screw, Nut, and Bolt Manufacturing" improved by 3.2 points, and "Health Care and Social Assistance" improved by 2.9 points.

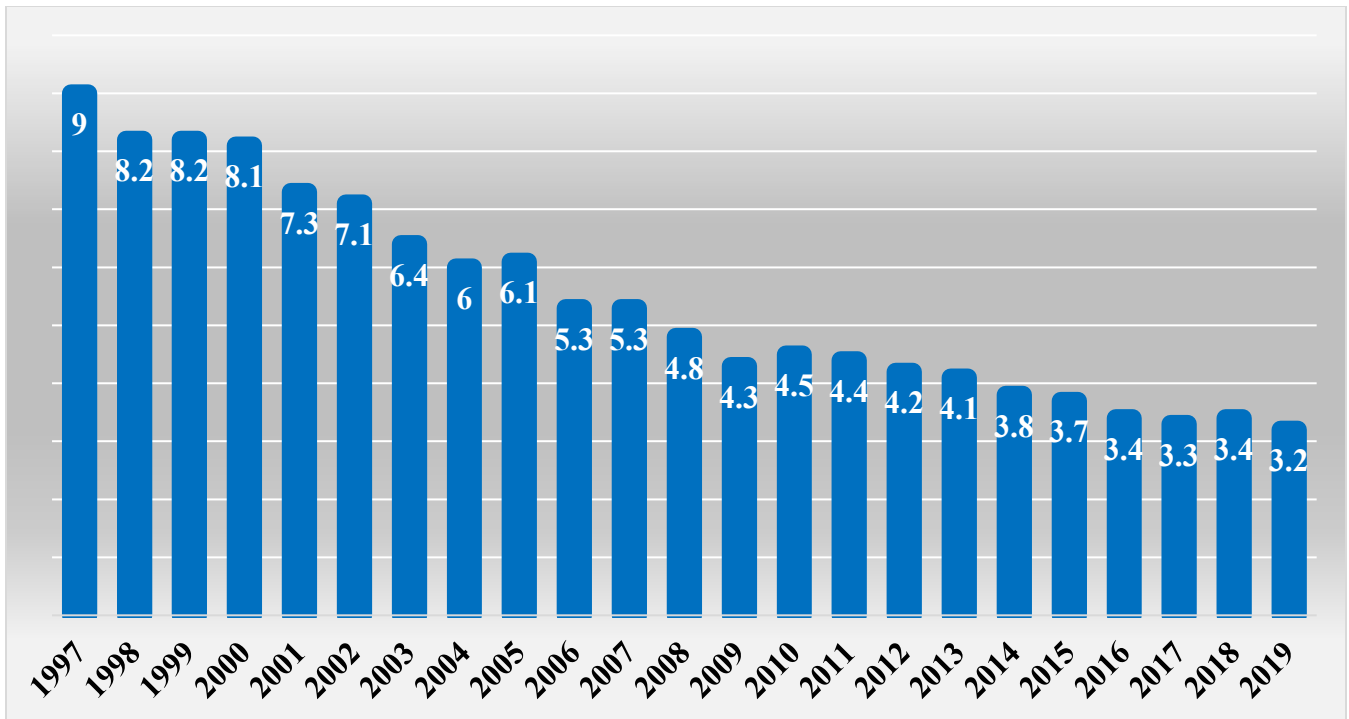
NATIONAL INCIDENCE RATES

State nonfatal occupational injury and illness incidence rates, private industry, 2019



Note: Does not include public sector

KENTUCKY INCIDENT RATE



Source: US DOL, BLS, SOII

Incidence Rate is the number of injuries and / or illnesses per 100 full time workers. The formula for computing the incidence rate is as follows:

$$\frac{\text{Count of cases} \times 200,000}{\text{Hours worked}} = \text{Incident Rate}$$

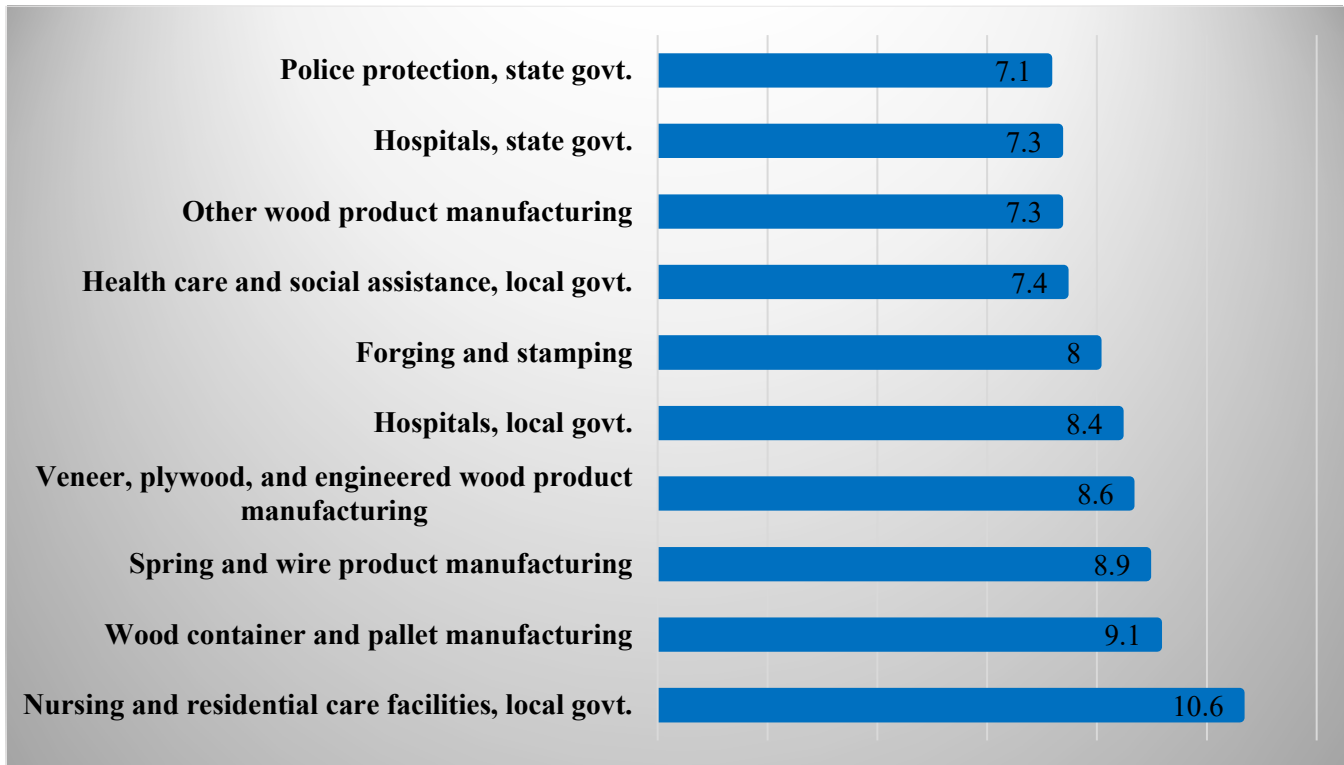
EMPHASIS PROGRAMS

In an effort to address high hazard industry issues, data was utilized from the BLS Survey of Occupational Injury and Illness report to target employers in industries with the highest injury and illness rates. The graph below represents industries that were eligible for emphasis programs.

KENTUCKY RANKING OF INDUSTRIES WITH HIGHEST INJURY AND ILLNESS TOTAL CASE INCIDENCE RATE, ALL INDUSTRIES

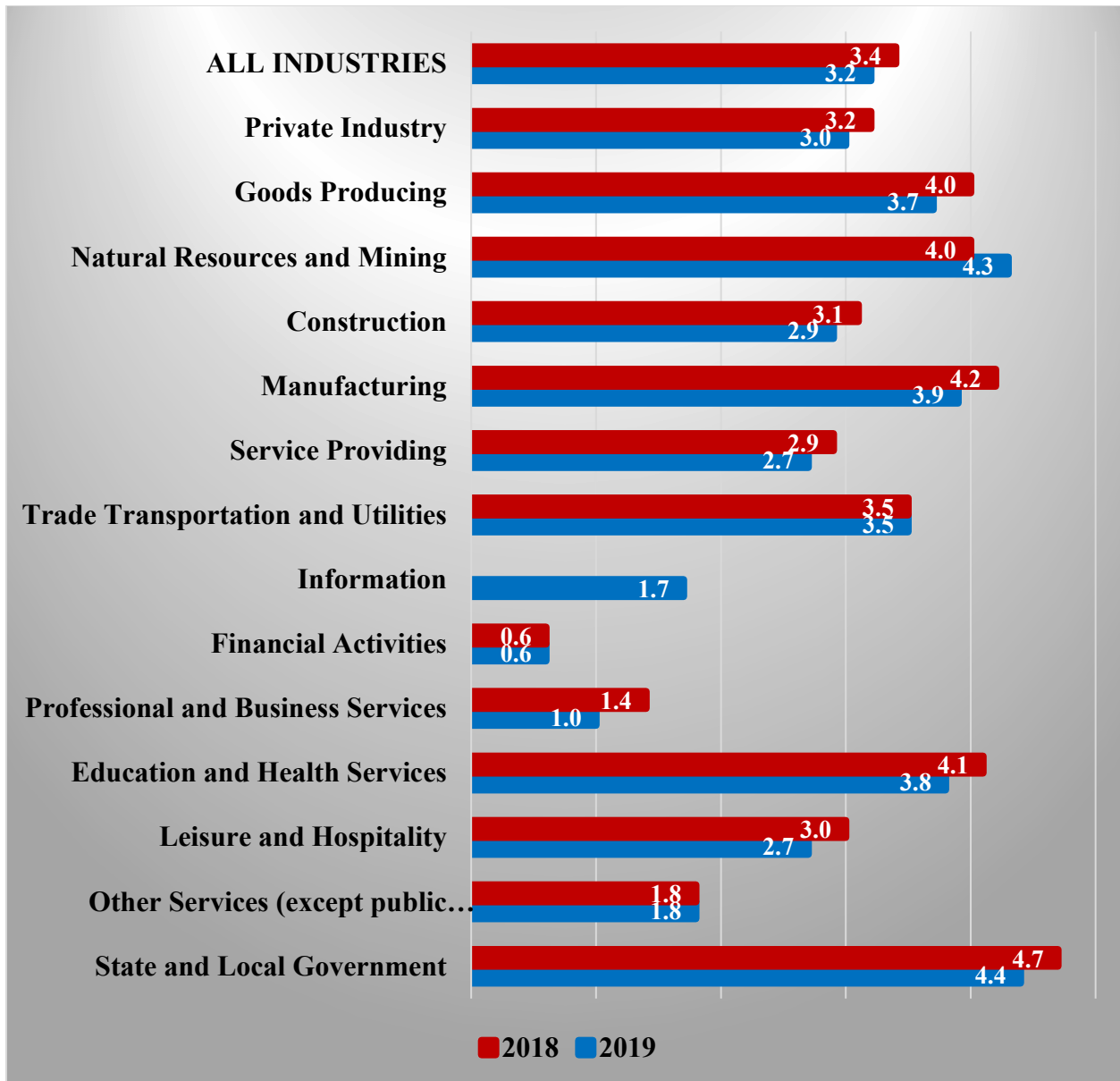
2019		
NAICS	DESCRIPTION	RATE
623	Nursing and residential care facilities, local government	10.6
32192	Wood container and pallet manufacturing	9.1
3326	Spring and wire product manufacturing	8.9
3212	Veneer, plywood, and engineered wood product manufacturing	8.6
622	Hospitals, local government	8.4
3321	Forging and Stamping Manufacturing	8.0
62	Health care and social assistance, local government	7.4
3219	Other wood product manufacturing	7.3
622	Hospitals, state government	7.3
92212	Police protection, state government	7.1

INDUSTRIES WITH HIGHEST INCIDENCE RATES OF TOTAL NONFATAL
OCCUPATIONAL INJURIES AND ILLNESSES



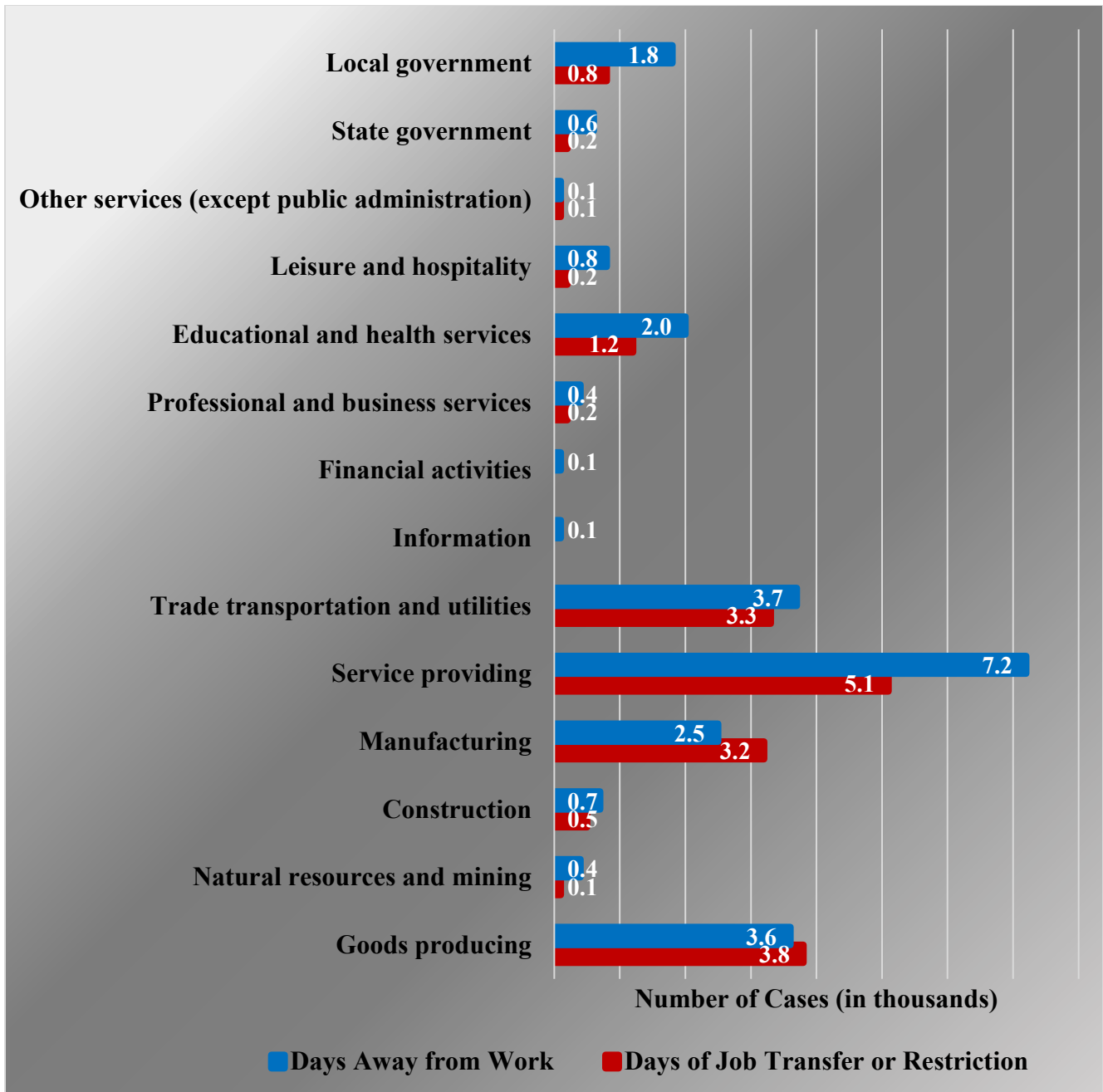
Source: US DOL, BLS 2021 Incident rates per 100 full-time employees

INCIDENCE RATES PER 100 FULL-TIME WORKERS FOR TOTAL NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES BY MAJOR INDUSTRY SECTOR
KENTUCKY 2018 & 2019



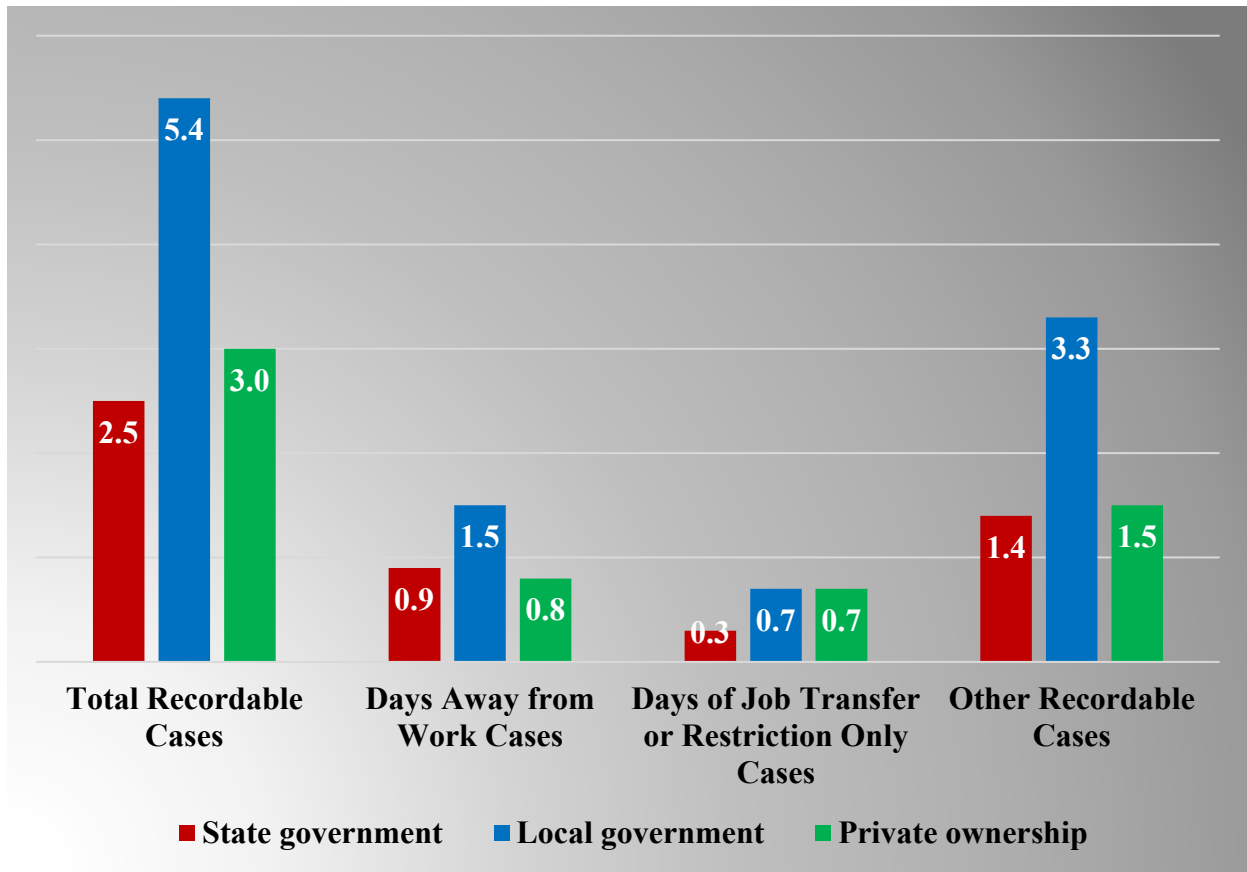
Source: US DOL, BLS 2021

NUMBER OF NONFATAL OCCUPATIONAL INJURY AND ILLNESS CASES WITH
DAYS AWAY FROM WORK, JOB TRANSFOR, OR RESTRICTION BY PRIVATE
INDUSTRY SECTOR, STATE GOVERNMENT, AND LOCAL GOVERNMENT
KENTUCKY 2019



Source: US DOL, BLS 2021

NONFATAL OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES BY CASE TYPE AND OWNERSHIP, KENTUCKY 2019



Source: US DOL, BLS 2021 Incident rates per 100 full-time employees

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
All industries including private, state and local government ⁵		3.2	1.6	0.9	0.7	1.6
Private industry ⁵		3.0	1.5	0.8	0.7	1.5
Goods-producing ⁵		3.7	2.1	1.0	1.1	1.6
Natural resources and mining ^{5,6}		4.3	2.3	1.8	0.4	2.1
Agriculture, forestry, fishing and hunting ⁵	11	5.9	3.2	2.3	-	2.7
Mining, quarrying, and oil and gas extraction ⁶	21	3.4	1.7	1.6	0.1	1.7
Oil and gas extraction	211	-	-	-	-	-
Mining (except oil and gas) ⁷	212	3.3	1.9	1.8	0.2	1.4
Construction		2.9	1.7	1.0	0.7	1.2
Construction	23	2.9	1.7	1.0	0.7	1.2
Construction of buildings	236	2.9	1.5	1.3	0.2	1.4
Nonresidential building construction	2362	4.1	2.3	2.1	0.2	1.8
Heavy and civil engineering construction	237	4.7	3.0	0.9	2.1	1.7
Utility system construction	2371	5.0	4.2	0.8	3.4	0.8
Highway, street, and bridge construction	2373	2.8	1.5	0.7	0.8	1.3
Specialty trade contractors	238	2.4	1.4	0.9	0.5	1.0
Building equipment contractors	2382	2.8	1.4	1.1	0.4	1.3
Electrical contractors & other wiring installation contractors	23821	2.4	1.3	1.3	-	1.1
Plumbing, heating, and air-conditioning contractors	23822	3.2	1.5	1.0	0.5	1.7
Other specialty trade contractors	2389	1.5	0.7	0.5	-	0.8
Manufacturing		3.9	2.3	1.0	1.3	1.7
Manufacturing	31-33	3.9	2.3	1.0	1.3	1.7
Food manufacturing	311	3.0	2.2	0.8	1.4	0.9
Fruit & vegetable preserving & specialty food manufacturing	3114	3.2	2.4	1.1	1.3	0.9
Dairy product manufacturing	3115	3.5	2.8	1.2	1.7	-
Animal slaughtering and processing	3116	3.7	2.6	0.7	1.9	1.2
Animal slaughtering and processing	31161	3.7	2.6	0.7	1.9	1.2
Meat processed from carcasses	311612	4.4	3.0	1.3	1.7	1.5
Poultry processing	311615	2.8	1.9	0.3	1.6	0.9
Bakeries and tortilla manufacturing	3118	2.2	1.7	0.5	1.2	0.6
Beverage and tobacco product manufacturing	312	3.3	1.4	1.0	0.4	1.9
Beverage manufacturing	3121	3.3	1.3	1.0	0.3	2.0
Wood product manufacturing	321	6.4	3.4	2.3	1.1	3.0
Sawmills and wood preservation	3211	3.3	0.7	0.7	-	2.6
Veneer, plywood, & engineered wood product manufacturing	3212	8.6	6.7	-	3.5	2.0
Other wood product manufacturing	3219	7.3	4.0	2.7	1.2	3.3
Millwork	32191	5.6	2.5	1.0	1.5	3.1
Wood container and pallet manufacturing	32192	9.1	5.3	4.5	0.9	3.8
Paper manufacturing	322	2.9	1.5	0.7	0.8	1.4
Converted paper product manufacturing	3222	3.3	1.6	0.8	0.9	1.7
Paperboard container manufacturing	32221	3.9	2.0	1.1	0.9	1.9
Printing and related support activities	323	2.4	1.4	1.1	0.3	0.9
Printing and related support activities	3231	2.4	1.4	1.1	0.3	0.9
Printing	32311	2.4	1.4	1.2	0.3	1.0
Commercial printing (except screen and books)	323111	2.1	1.5	1.3	-	0.7

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Chemical manufacturing	325	2.2	1.1	0.8	0.3	1.1
Basic chemical manufacturing	3251	2.5	0.8	-	-	1.7
Resin, synthetic rubber, & artificial & synthetic fibers & filaments mfg	3252	1.1	0.5	0.5	-	0.6
Plastics and rubber products manufacturing	326	2.6	1.5	0.8	0.7	1.1
Plastics product manufacturing	3261	2.4	1.4	0.7	0.7	1.0
Rubber product manufacturing	3262	3.3	1.6	1.1	0.5	1.6
Nonmetallic mineral product manufacturing	327	3.6	2.5	1.6	0.9	1.1
Cement and concrete product manufacturing	3273	5.0	4.6	3.3	1.3	-
Primary metal manufacturing	331	2.9	2.0	1.0	0.9	0.9
Alumina and aluminum production and processing	3313	1.1	0.5	-	0.4	0.6
Foundries	3315	5.1	3.4	2.4	1.0	1.7
Fabricated metal product manufacturing	332	5.0	2.4	0.8	1.6	2.7
Forging and stamping	3321	8.0	3.8	0.9	2.9	4.2
Architectural and structural metals manufacturing	3323	4.2	1.8	0.5	1.3	2.4
Spring and wire product manufacturing	3326	8.9	4.1	1.9	2.2	4.8
Machine shops; turned product; & screw, nut, & bolt manufacturing	3327	2.7	0.8	0.5	-	2.0
Coating, engraving, heat treating, and allied activities	3328	3.8	2.8	-	2.5	1.0
Machinery manufacturing	333	3.3	1.7	0.9	0.8	1.5
Agriculture, construction, and mining machinery manufacturing	3331	4.3	1.8	1.5	-	2.5
Ventilation, heating, AC, & commercial refrigeration equipment mfg	3334	3.6	2.7	1.0	1.7	0.9
Metalworking machinery manufacturing	3335	2.3	1.3	-	1.1	1.0
Other general purpose machinery manufacturing	3339	3.3	1.6	0.9	0.8	1.7
Material handling equipment manufacturing	33392	3.7	1.5	0.8	0.7	2.1
Computer and electronic product manufacturing	334	2.8	1.2	-	1.0	1.6
Transportation equipment manufacturing	336	5.7	3.6	1.2	2.4	2.1
Motor vehicle seating and interior trim manufacturing	33636	6.5	4.5	1.4	3.0	2.0
Motor vehicle metal stamping	33637	3.5	1.7	0.7	1.0	1.8
Furniture and related product manufacturing	337	3.3	0.9	0.8	-	2.4
Miscellaneous manufacturing	339	2.8	1.7	1.4	0.3	1.1
Service-providing		2.7	1.3	0.8	0.5	1.4
Trade, transportation, and utilities ⁸		3.5	2.1	1.1	1.0	1.4
Wholesale trade	42	2.8	2.0	0.9	1.1	0.8
Merchant wholesalers, durable goods	423	1.9	1.4	0.9	0.5	0.5
Merchant wholesalers, nondurable goods	424	4.5	3.3	1.0	2.3	1.2
Retail trade	44-45	3.0	1.6	0.9	0.7	1.4
Motor vehicle and parts dealers	441	2.6	1.5	1.0	0.5	1.2
Building material and garden equipment and supplies dealers	444	4.0	2.7	1.6	1.1	1.4
Building material and supplies dealers	4441	4.4	3.1	1.9	1.3	1.3
Home centers	44411	6.1	4.4	2.3	2.1	1.7
Food and beverage stores	445	4.4	2.4	1.6	0.8	2.0
Grocery stores	4451	4.4	2.4	1.6	0.8	2.0
Health and personal care stores	446	1.2	0.9	0.6	-	0.3
Health and personal care stores	4461	1.2	0.9	0.6	-	0.3
Pharmacies and drug stores	44611	1.6	1.2	0.9	-	-
General merchandise stores	452	4.2	1.9	0.9	1.0	2.3
Transportation and warehousing ⁸	48-49	5.1	3.3	1.8	1.5	1.8

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Air transportation	481	6.6	5.6	3.4	2.3	1.0
Truck transportation	484	5.0	3.5	2.3	1.2	1.5
Transit and ground passenger transportation	485	4.0	2.8	2.7	-	1.2
Support activities for transportation	488	3.3	2.2	0.9	1.3	1.1
Warehousing and storage	493	4.3	3.3	1.8	1.5	1.0
Utilities	22	2.5	0.8	0.6	-	1.7
Utilities	221	2.5	0.8	0.6	-	1.7
Electric power generation, transmission and distribution	2211	2.7	0.9	0.7	-	1.8
Information		1.7	0.9	0.7	-	0.7
Information	51	1.7	0.9	0.7	-	0.7
Telecommunications	517	1.4	0.9	0.7	-	0.5
Finance, insurance, and real estate		0.6	0.1	0.1	(- ⁹ -)	0.5
Finance and insurance	52	0.6	0.1	-	-	0.5
Real estate and rental and leasing	53	0.4	0.2	-	0.1	-
Professional and business services		1.0	0.4	0.3	0.1	0.6
Professional, scientific, and technical services	54	0.4	0.1	0.1	-	-
Administrative & support & waste management & remediation services	56	1.5	0.8	0.5	0.3	0.7
Administrative and support services	561	1.4	0.6	0.4	0.2	0.7
Services to buildings and dwellings	5617	2.4	1.2	0.8	0.4	1.2
Educational and health services		3.8	1.5	0.9	0.6	2.3
Educational services	61	1.3	0.6	0.5	-	0.7
Health care and social assistance	62	4.0	1.6	1.0	0.6	2.4
Ambulatory health care services	621	2.5	0.7	0.5	0.2	1.8
Hospitals	622	5.1	1.8	1.0	0.8	3.3
Nursing and residential care facilities	623	6.3	3.4	2.2	1.2	2.9
Social assistance	624	2.1	0.9	0.7	0.2	1.2
Leisure, entertainment, and hospitality		2.7	0.8	0.7	0.2	1.8
Accommodation and food services	72	2.6	0.7	0.5	0.2	1.9
Accommodation	721	1.9	0.5	0.3	0.2	1.4
Food services and drinking places	722	2.7	0.7	0.6	0.2	1.9
Other services (except public administration)		1.8	0.5	0.2	0.3	1.3
Other services (except public administration)	81	1.8	0.5	0.2	0.3	1.3
Repair and maintenance	811	1.2	0.4	-	0.3	0.7
Personal and laundry services	812	1.8	1.0	0.4	0.6	0.8
State and local government ⁵		4.4	1.8	1.3	0.5	2.6
State government ⁵		2.5	1.2	0.9	0.3	1.4
Service-providing		2.5	1.2	0.9	0.3	1.4
Educational and health services		3.0	1.3	0.9	0.4	1.7
Educational services	61	1.9	0.8	0.5	0.3	1.1
Educational services	611	1.9	0.8	0.5	0.3	1.1
Colleges, universities, and professional schools	6113	1.7	0.8	0.5	0.4	0.9
Health care and social assistance	62	4.9	2.2	1.5	0.6	2.8
Hospitals	622	7.3	2.8	1.9	0.9	4.5
Public administration		1.7	0.9	0.8	0.1	0.8
Public administration	92	1.7	0.9	0.8	0.1	0.8
Justice, public order, and safety activities	922	2.4	1.3	1.2	-	1.1

TABLE 1. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Justice, public order, and safety activities	9221	2.4	1.3	1.2	-	1.1
Police protection	92212	7.1	2.2	2.2	-	4.9
Correctional institutions	92214	3.6	2.7	2.3	-	0.9
Local government ⁵		5.4	2.1	1.5	0.7	3.3
Goods-producing ⁵		-	-	-	-	-
Service-providing		5.4	2.1	1.5	0.7	3.3
Utilities	22	4.8	3.0	2.5	0.5	1.8
Utilities	221	4.8	3.0	2.5	0.5	1.8
Water, sewage and other systems	2213	4.7	3.4	-	-	1.4
Educational and health services		5.5	1.7	1.1	0.6	3.9
Educational services	61	5.3	1.6	1.0	0.6	3.7
Educational services	611	5.3	1.6	1.0	0.6	3.7
Elementary and secondary schools	6111	5.3	1.6	1.0	0.6	3.7
Health care and social assistance	62	7.4	2.1	1.2	0.9	5.3
Hospitals	622	8.4	2.8	1.6	1.2	5.6
Nursing and residential care facilities	623	10.6	8.7	-	-	-
Public administration		5.7	3.0	2.1	0.9	2.7
Public administration	92	5.7	3.0	2.1	0.9	2.7

¹ The 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 full-time equivalent 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 -- United States, 2017*

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

⁵ Excludes farms with fewer than 11 employees.

⁶ 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 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.

⁷ 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.

⁸ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁹ 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

TABLE 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019 (thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
All industries including private, state & local government⁴		46.9	23.0	13.1	9.9	23.8
Private industry⁴		38.6	19.7	10.8	8.9	18.9
Goods-producing ⁴		12.9	7.4	3.6	3.8	5.5
Natural resources and mining ^{4,5}		0.8	0.4	0.4	0.1	0.4
Agriculture, forestry, fishing and hunting ⁴	11	0.4	0.2	0.2	-	0.2
Mining, quarrying, and oil and gas extraction ⁵	21	0.4	0.2	0.2	(- ⁸ -)	0.2
Oil and gas extraction	211	-	-	-	-	-
Mining (except oil and gas) ⁶	212	0.3	0.2	0.2	(- ⁸ -)	0.1
Construction		2.2	1.3	0.7	0.5	0.9
Construction	23	2.2	1.3	0.7	0.5	0.9
Construction of buildings	236	0.5	0.2	0.2	(- ⁸ -)	0.2
Nonresidential building construction	2362	0.4	0.2	0.2	(- ⁸ -)	0.2
Heavy and civil engineering construction	237	0.6	0.4	0.1	0.3	0.2
Utility system construction	2371	0.3	0.3	0.1	0.2	0.1
Highway, street, and bridge construction	2373	0.1	0.1	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)
Specialty trade contractors	238	1.1	0.7	0.4	0.3	0.5
Building equipment contractors	2382	0.7	0.4	0.3	0.1	0.3
Electrical contractors & other wiring installation contractors	23821	0.2	0.1	0.1	-	0.1
Plumbing, heating, and air-conditioning contractors	23822	0.4	0.2	0.1	0.1	0.2
Other specialty trade contractors	2389	0.1	(- ⁸ -)	(- ⁸ -)	-	0.1
Manufacturing		9.9	5.7	2.5	3.2	4.2
Manufacturing	31-33	9.9	5.7	2.5	3.2	4.2
Food manufacturing	311	0.8	0.6	0.2	0.4	0.2
Fruit and vegetable preserving and specialty food manufacturing	3114	0.1	0.1	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)
Dairy product manufacturing	3115	0.1	0.1	(- ⁸ -)	(- ⁸ -)	-
Animal slaughtering and processing	3116	0.4	0.3	0.1	0.2	0.1
Animal slaughtering and processing	31161	0.4	0.3	0.1	0.2	0.1
Meat processed from carcasses	311612	0.1	0.1	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)
Poultry processing	311615	0.2	0.1	(- ⁸ -)	0.1	0.1
Bakeries and tortilla manufacturing	3118	0.1	0.1	(- ⁸ -)	0.1	(- ⁸ -)
Beverage and tobacco product manufacturing	312	0.3	0.1	0.1	(- ⁸ -)	0.1
Beverage manufacturing	3121	0.2	0.1	0.1	(- ⁸ -)	0.1
Wood product manufacturing	321	0.7	0.4	0.2	0.1	0.3
Sawmills and wood preservation	3211	0.1	(- ⁸ -)	(- ⁸ -)	-	0.1
Veneer, plywood, & engineered wood product mfg	3212	0.1	0.1	-	(- ⁸ -)	(- ⁸ -)
Other wood product manufacturing	3219	0.5	0.3	0.2	0.1	0.2
Millwork	32191	0.2	0.1	(- ⁸ -)	(- ⁸ -)	0.1
Wood container and pallet manufacturing	32192	0.3	0.2	0.1	(- ⁸ -)	0.1
Paper manufacturing	322	0.3	0.1	0.1	0.1	0.1
Converted paper product manufacturing	3222	0.2	0.1	0.1	0.1	0.1
Paperboard container manufacturing	32221	0.1	0.1	(- ⁸ -)	(- ⁸ -)	0.1
Printing and related support activities	323	0.2	0.1	0.1	(- ⁸ -)	0.1
Printing and related support activities	3231	0.2	0.1	0.1	(- ⁸ -)	0.1
Printing	32311	0.2	0.1	0.1	(- ⁸ -)	0.1

TABLE 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019 (thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
Commercial printing (except screen and books)	323111	0.1	0.1	0.1	-	(- ⁸ -)
Chemical manufacturing	325	0.3	0.2	0.1	(- ⁸ -)	0.1
Basic chemical manufacturing	3251	0.1	(- ⁸ -)	-	-	(- ⁸ -)
Resin, synthetic rubber, & artificial & synthetic fibers & filaments mfg	3252	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)	-	(- ⁸ -)
Plastics and rubber products manufacturing	326	0.5	0.3	0.1	0.1	0.2
Plastics product manufacturing	3261	0.3	0.2	0.1	0.1	0.1
Rubber product manufacturing	3262	0.1	0.1	(- ⁸ -)	(- ⁸ -)	0.1
Nonmetallic mineral product manufacturing	327	0.3	0.2	0.1	0.1	0.1
Cement and concrete product manufacturing	3273	0.1	0.1	0.1	(- ⁸ -)	-
Primary metal manufacturing	331	0.4	0.3	0.1	0.1	0.1
Alumina and aluminum production and processing	3313	0.1	(- ⁸ -)	-	(- ⁸ -)	(- ⁸ -)
Foundries	3315	0.1	0.1	0.1	(- ⁸ -)	(- ⁸ -)
Fabricated metal product manufacturing	332	1.1	0.5	0.2	0.4	0.6
Forging and stamping	3321	0.3	0.1	(- ⁸ -)	0.1	0.1
Architectural and structural metals manufacturing	3323	0.2	0.1	(- ⁸ -)	0.1	0.1
Spring and wire product manufacturing	3326	0.3	0.1	0.1	0.1	0.2
Machine shops; turned product; & screw, nut, & bolt mfg	3327	0.1	(- ⁸ -)	(- ⁸ -)	-	0.1
Coating, engraving, heat treating, and allied activities	3328	0.1	0.1	-	0.1	(- ⁸ -)
Machinery manufacturing	333	0.7	0.4	0.2	0.2	0.3
Agriculture, construction, & mining machinery manufacturing	3331	0.1	0.1	(- ⁸ -)	-	0.1
Ventilation, heating, AC, & commercial refrigeration equipment mfg	3334	0.1	0.1	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)
Metalworking machinery manufacturing	3335	0.1	(- ⁸ -)	-	(- ⁸ -)	(- ⁸ -)
Other general purpose machinery manufacturing	3339	0.3	0.1	0.1	0.1	0.1
Material handling equipment manufacturing	33392	0.2	0.1	(- ⁸ -)	(- ⁸ -)	0.1
Computer and electronic product manufacturing	334	0.1	(- ⁸ -)	-	(- ⁸ -)	0.1
Transportation equipment manufacturing	336	3.8	2.4	0.8	1.6	1.4
Motor vehicle seating and interior trim manufacturing	33636	0.5	0.3	0.1	0.2	0.1
Motor vehicle metal stamping	33637	0.2	0.1	(- ⁸ -)	0.1	0.1
Furniture and related product manufacturing	337	0.1	(- ⁸ -)	(- ⁸ -)	-	0.1
Miscellaneous manufacturing	339	0.2	0.1	0.1	(- ⁸ -)	0.1
Service-providing		25.7	12.3	7.2	5.1	13.4
Trade, transportation, and utilities ⁷		11.6	7.0	3.7	3.3	4.6
Wholesale trade	42	1.9	1.4	0.6	0.8	0.5
Merchant wholesalers, durable goods	423	0.8	0.6	0.3	0.2	0.2
Merchant wholesalers, nondurable goods	424	1.2	0.9	0.3	0.6	0.3
Retail trade	44-45	4.8	2.5	1.4	1.1	2.2
Motor vehicle and parts dealers	441	0.7	0.4	0.3	0.1	0.3
Building material & garden equipment & supplies dealers	444	0.7	0.5	0.3	0.2	0.2
Building material and supplies dealers	4441	0.7	0.5	0.3	0.2	0.2
Home centers	44411	0.6	0.4	0.2	0.2	0.2
Food and beverage stores	445	1.1	0.6	0.4	0.2	0.5
Grocery stores	4451	1.0	0.5	0.4	0.2	0.5
Health and personal care stores	446	0.1	0.1	0.1	-	(- ⁸ -)
Health and personal care stores	4461	0.1	0.1	0.1	-	(- ⁸ -)

TABLE 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019 (thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
Pharmacies and drug stores	44611	0.1	0.1	0.1	-	-
General merchandise stores	452	1.5	0.7	0.3	0.4	0.8
Transportation and warehousing ⁷	48-49	4.7	3.0	1.6	1.4	1.7
Air transportation	481	0.2	0.1	0.1	0.1	(- ⁸ -)
Truck transportation	484	1.2	0.8	0.6	0.3	0.4
Transit and ground passenger transportation	485	0.1	(- ⁸ -)	(- ⁸ -)	-	(- ⁸ -)
Support activities for transportation	488	0.3	0.2	0.1	0.1	0.1
Warehousing and storage	493	1.1	0.9	0.5	0.4	0.3
Utilities	22	0.2	0.1	(- ⁸ -)	-	0.1
Utilities	221	0.2	0.1	(- ⁸ -)	-	0.1
Electric power generation, transmission and distribution	2211	0.2	0.1	(- ⁸ -)	-	0.1
Information		0.3	0.2	0.1	-	0.1
Information	51	0.3	0.2	0.1	-	0.1
Telecommunications	517	0.1	0.1	0.1	-	(- ⁸ -)
Finance, insurance, and real estate		0.5	0.1	0.1	(- ⁸ -)	0.4
Finance and insurance	52	0.4	0.1	-	-	0.3
Real estate and rental and leasing	53	0.1	(- ⁸ -)	-	(- ⁸ -)	-
Professional and business services		1.5	0.6	0.4	0.2	0.9
Professional, scientific, and technical services	54	0.2	0.1	0.1	-	-
Administrative & support & waste mgmt & remediation svcs	56	0.9	0.5	0.3	0.2	0.5
Administrative and support services	561	0.8	0.3	0.2	0.1	0.4
Services to buildings and dwellings	5617	0.5	0.2	0.2	0.1	0.2
Educational and health services		8.0	3.2	2.0	1.2	4.8
Educational services	61	0.2	0.1	0.1	-	0.1
Health care and social assistance	62	7.8	3.1	1.9	1.2	4.7
Ambulatory health care services	621	1.8	0.5	0.4	0.2	1.3
Hospitals	622	3.2	1.1	0.6	0.5	2.1
Nursing and residential care facilities	623	2.2	1.2	0.8	0.4	1.0
Social assistance	624	0.5	0.2	0.2	0.1	0.3
Leisure, entertainment, and hospitality		3.2	1.0	0.8	0.2	2.2
Accommodation and food services	72	2.8	0.8	0.6	0.2	2.0
Accommodation	721	0.2	(- ⁸ -)	(- ⁸ -)	(- ⁸ -)	0.1
Food services and drinking places	722	2.6	0.7	0.6	0.2	1.9
Other services (except public administration)		0.6	0.2	0.1	0.1	0.5
Other services (except public administration)	81	0.6	0.2	0.1	0.1	0.5
Repair and maintenance	811	0.2	0.1	-	(- ⁸ -)	0.1
Personal and laundry services	812	0.2	0.1	(- ⁸ -)	0.1	0.1
State and local government⁴		8.2	3.3	2.3	1.0	4.9
State government⁴		1.7	0.8	0.6	0.2	0.9
Service-providing		1.7	0.8	0.6	0.2	0.9
Educational and health services		1.2	0.5	0.3	0.2	0.7
Educational services	61	0.5	0.2	0.1	0.1	0.3
Educational services	611	0.5	0.2	0.1	0.1	0.3
Colleges, universities, and professional schools	6113	0.3	0.2	0.1	0.1	0.2
Health care and social assistance	62	0.7	0.3	0.2	0.1	0.4

TABLE 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2019 (thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
Hospitals	622	0.6	0.2	0.2	0.1	0.4
Public administration		0.4	0.2	0.2	(- ⁸ -)	0.2
Public administration	92	0.4	0.2	0.2	(- ⁸ -)	0.2
Justice, public order, and safety activities	922	0.3	0.1	0.1	-	0.1
Justice, public order, and safety activities	9221	0.3	0.1	0.1	-	0.1
Police protection	92212	0.1	(- ⁸ -)	(- ⁸ -)	-	0.1
Correctional institutions	92214	0.1	0.1	0.1	-	(- ⁸ -)
Local government⁴		6.6	2.6	1.8	0.8	4.0
Goods-producing ⁴		-	-	-	-	-
Service-providing		6.6	2.6	1.8	0.8	4.0
Utilities	22	0.2	0.2	0.1	(- ⁸ -)	0.1
Utilities	221	0.2	0.2	0.1	(- ⁸ -)	0.1
Water, sewage and other systems	2213	0.2	0.1	-	-	0.1
Educational and health services		4.0	1.2	0.8	0.4	2.8
Educational services	61	3.5	1.1	0.7	0.4	2.4
Educational services	611	3.5	1.1	0.7	0.4	2.4
Elementary and secondary schools	6111	3.5	1.1	0.7	0.4	2.4
Health care and social assistance	62	0.5	0.1	0.1	0.1	0.3
Hospitals	622	0.4	0.1	0.1	(- ⁸ -)	0.2
Nursing and residential care facilities	623	(- ⁸ -)	(- ⁸ -)	-	-	-
Public administration		2.2	1.1	0.8	0.3	1.0
Public administration	92	2.2	1.1	0.8	0.3	1.0

¹ Totals include data for industries not shown separately.

² *North American Industry Classification System -- United States, 2017*

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

⁴ Excludes farms with fewer than 11 employees.

⁵ 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 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.

⁶ 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.

⁷ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁸ 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

Table A-2. Percent relative standard errors for numbers of nonfatal occupational injuries & illnesses by industry & case types, Kentucky, 2019

Industry	NAICS code ¹	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
All industries including state and local government		2.1	2.3	2.9	3.4	3.0
Private industry		2.4	2.5	3.2	3.7	3.5
Goods producing		3.2	3.9	5.0	5.6	4.4
Natural resources and mining		12.1	15.8	12.4	57.6	17.6
Agriculture, forestry, fishing and hunting		20.9	29.3	25.6	--	30.1
Mining, quarrying, and oil and gas extraction		11.3	4.5	4.9	(⁴)	18.4
Oil and gas extraction	211	36.5	(⁴)	(⁴)	(⁴)	36.5
Mining (except oil and gas)	212	(³)	(³)	(³)	(³)	(³)
Construction		12.3	17.2	16.8	33.4	15.0
Construction of buildings	236	22.1	31.1	34.6	27.0	21.4
Nonresidential building construction	2362	23.5	32.8	36.1	28.6	22.5
Heavy and civil engineering construction	237	23.3	33.1	30.3	47.2	45.3
Utility system construction	2371	29.6	42.3	53.2	53.4	50.5
Highway, street, and bridge construction	2373	26.2	29.9	35.6	49.2	34.2
Specialty trade contractors	238	18.1	25.0	22.5	52.3	18.0
Building equipment contractors	2382	19.3	22.5	27.8	32.1	22.4
Electrical contractors and other wiring installation contractors	23821	44.6	44.4	46.7	--	51.3
Plumbing, heating, and air-conditioning contractors	23822	19.9	28.6	36.6	38.5	23.7
Other specialty trade contractors	2389	27.7	30.0	47.9	49.9	37.1
Manufacturing		3.0	3.0	4.9	3.1	4.4
Food manufacturing	311	4.8	5.6	7.4	8.0	5.4
Fruit and vegetable preserving and specialty food manufacturing	3114	17.9	18.4	30.3	25.0	24.6
Dairy product manufacturing	3115	18.7	24.9	27.5	31.2	19.6
Animal slaughtering and processing	3116	1.5	2.4	4.7	2.0	3.4
Animal slaughtering and processing	31161	1.5	2.4	4.7	2.0	3.4
Meat processed from carcasses	311612	3.4	8.0	8.2	8.9	10.2
Poultry processing	311615	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Bakeries and tortilla manufacturing	3118	23.6	24.2	28.8	36.8	28.5
Beverage and tobacco product manufacturing	312	23.8	21.8	31.6	14.3	26.5
Beverage manufacturing	3121	26.3	26.0	35.5	15.6	27.8
Wood product manufacturing	321	18.8	20.5	26.6	20.6	23.7
Sawmills and wood preservation	3211	46.4	43.1	43.1	(⁴)	61.5
Veneer, plywood, and engineered wood product manufacturing	3212	60.1	61.5	--	58.4	61.3
Other wood product manufacturing	3219	21.6	21.8	31.2	15.1	26.5
Millwork	32191	19.8	19.6	29.8	21.1	29.6
Wood container and pallet manufacturing	32192	35.4	34.0	41.2	28.8	44.4
Paper manufacturing	322	17.8	21.5	16.3	27.3	23.1
Converted paper product manufacturing	3222	18.9	23.9	18.0	30.4	23.4
Paperboard container manufacturing	32221	26.3	37.1	24.0	55.0	27.0
Printing and related support activities	323	15.0	17.7	20.0	12.5	14.1
Printing and related support activities	3231	15.0	17.7	20.0	12.5	14.1
Printing	32311	15.1	18.0	20.3	12.7	14.1
Commercial printing (except screen and books)	323111	21.6	22.1	22.7	20.5	25.1
Chemical manufacturing	325	22.9	34.5	35.5	38.5	22.5
Basic chemical manufacturing	3251	27.1	43.5	--	61.7	46.8

Table A-2. Percent relative standard errors for numbers of nonfatal occupational injuries & illnesses by industry & case types. Kentucky, 2019

Industry	NAICS code ¹	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing	3252	28.2	26.1	26.1	(⁴)	41.2
Plastics and rubber products manufacturing	326	6.2	8.3	12.0	14.0	8.8
Plastics product manufacturing	3261	6.9	9.4	12.2	16.1	11.0
Rubber product manufacturing	3262	13.6	17.2	29.7	12.8	13.6
Nonmetallic mineral product manufacturing	327	24.8	36.7	43.2	38.9	17.9
Cement and concrete product manufacturing	3273	48.9	54.0	59.7	62.3	--
Primary metal manufacturing	331	13.1	17.1	15.7	24.6	16.7
Alumina and aluminum production and processing	3313	10.0	12.8	18.9	17.5	11.4
Foundries	3315	8.8	7.9	14.0	31.5	13.4
Fabricated metal product manufacturing	332	10.4	10.8	12.3	12.0	13.3
Forging and stamping	3321	23.6	24.4	25.8	24.8	34.2
Architectural and structural metals manufacturing	3323	21.8	29.5	34.8	33.0	27.4
Spring and wire product manufacturing	3326	23.2	19.1	17.2	23.2	27.3
Machine shops; turned product; & screw, nut, & bolt manufacturing	3327	32.0	28.8	30.4	28.4	34.0
Coating, engraving, heat treating, and allied activities	3328	16.1	20.8	23.4	23.5	23.4
Machinery manufacturing	333	7.0	9.7	11.9	14.4	10.9
Agriculture, construction, and mining machinery manufacturing	3331	11.5	9.6	12.8	26.5	24.2
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	23.7	28.9	25.5	41.0	14.3
Metalworking machinery manufacturing	3335	27.3	27.7	59.7	24.9	48.7
Other general purpose machinery manufacturing	3339	10.9	18.1	27.8	22.3	16.1
Material handling equipment manufacturing	33392	7.4	12.6	4.4	27.4	15.0
Computer and electronic product manufacturing	334	28.5	16.4	62.2	23.9	49.3
Transportation equipment manufacturing	336	3.4	3.2	6.5	3.5	4.9
Motor vehicle parts manufacturing	3363	--	--	--	--	--
Motor vehicle seating and interior trim manufacturing	33636	7.1	5.1	31.0	7.7	11.5
Motor vehicle metal stamping	33637	9.2	5.8	12.5	12.3	14.5
Furniture and related product manufacturing	337	31.0	39.5	42.9	14.0	30.6
Miscellaneous manufacturing	339	20.8	28.0	31.6	51.1	25.4
Service providing		3.2	3.3	4.1	5.0	4.6
Trade transportation and utilities		3.8	4.2	5.0	6.6	6.1
Wholesale trade		11.7	11.3	13.9	16.0	22.5
Merchant wholesalers, durable goods	423	15.8	15.2	20.8	24.3	27.5
Merchant wholesalers, nondurable goods	424	16.4	15.8	16.9	19.8	32.9
Retail trade		5.6	5.6	7.3	8.3	9.9
Motor vehicle and parts dealers	441	15.2	18.0	20.5	34.2	25.1
Building material and garden equipment and supplies dealers	444	9.6	8.6	11.1	15.4	24.2
Building material and supplies dealers	4441	7.2	8.7	11.1	15.4	16.7
Home centers	44411	7.9	9.1	12.1	15.4	17.0
Food and beverage stores	445	10.3	10.2	14.0	16.2	17.6
Grocery stores	4451	10.8	11.2	14.4	15.4	16.1
Health and personal care stores	446	45.4	51.1	49.3	--	64.0
Health and personal care stores	4461	45.4	51.1	49.3	--	64.0
Pharmacies and drug stores	44611	49.2	51.1	49.3	--	--
General merchandise stores	452	10.7	6.9	9.7	8.7	18.3
Transportation and warehousing		5.4	6.7	7.7	10.9	7.1
Air transportation	481	42.7	43.2	41.7	45.8	40.1
Truck transportation	484	15.7	16.6	19.8	29.8	28.3

Table A-2. Percent relative standard errors for numbers of nonfatal occupational injuries & illnesses by industry & case types. Kentucky, 2019

Industry	NAICS code ¹	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Transit and ground passenger transportation	485	46.2	59.9	62.3	--	45.9
Support activities for transportation	488	24.4	30.2	21.0	51.8	47.3
Warehousing and storage	493	11.0	12.4	4.8	26.1	8.7
Utilities		25.6	25.7	27.9	39.4	34.1
Utilities	221	25.6	25.7	27.9	39.4	34.1
Electric power generation, transmission and distribution	2211	27.6	26.5	27.9	43.9	37.7
Information		26.6	45.4	54.0	--	23.5
Telecommunications	517	40.6	40.2	48.0	--	58.5
Financial activities		25.0	49.8	61.2	48.3	29.5
Finance and insurance		27.6	63.3	--	41.7	31.6
Real estate and rental and leasing		57.6	46.3	--	60.8	--
Professional and business services		21.8	15.4	17.8	26.0	31.8
Professional, scientific, and technical services		58.5	56.1	59.9	--	--
Administrative & support & waste management & remediation services		17.2	17.3	19.0	29.6	24.1
Administrative and support services	561	20.1	20.6	21.1	35.3	26.4
Services to buildings and dwellings	5617	29.0	26.5	28.5	39.6	41.4
Educational and health services		5.4	5.0	6.7	7.6	7.2
Educational services		13.2	16.9	16.6	32.4	14.3
Health care and social assistance		5.5	5.1	6.9	7.7	7.3
Ambulatory health care services	621	21.4	24.5	31.5	42.3	24.0
Hospitals	622	1.2	2.0	2.3	3.2	1.2
Nursing and residential care facilities	623	6.3	5.8	6.8	11.0	10.4
Social assistance	624	18.6	23.6	26.0	33.5	27.4
Leisure and hospitality		11.3	17.5	18.7	29.5	12.3
Accommodation and food services		11.4	14.5	16.3	32.5	13.0
Accommodation	721	40.2	35.7	27.1	58.4	50.2
Food services and drinking places	722	11.8	15.2	17.1	35.4	13.5
Other services (except public administration)		26.4	30.4	38.8	40.3	32.9
Repair and maintenance	811	39.7	51.1	--	62.1	49.3
Personal and laundry services	812	38.0	39.0	27.5	55.2	41.9
State and local government		4.4	5.5	7.2	5.1	5.5
State government		3.8	4.3	5.4	5.4	5.6
Service providing		3.8	4.3	5.4	5.4	5.6

Table A-2. Percent relative standard errors for numbers of nonfatal occupational injuries & illnesses by industry & case types.

Industry	NAICS code ¹	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Educational and health services		2.7	2.3	3.8	5.9	5.7
Educational services		6.8	3.7	6.9	1.5	14.0
Educational services	611	6.8	3.7	6.9	1.5	14.0
Colleges, universities, and professional schools	6113	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Health care and social assistance		1.1	2.8	4.4	10.6	2.1
Hospitals	622	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Public administration		12.8	13.9	14.0	15.3	16.8
Justice, public order, and safety activities	922	9.1	9.0	9.8	7.4	20.5
Justice, public order, and safety activities	9221	9.1	9.0	9.8	7.4	20.5
Police protection	92212	17.2	27.3	27.3	(⁴)	26.5
Correctional institutions	92214	3.2	4.4	4.5	8.0	14.3
Local government		5.4	7.1	9.4	6.3	6.6
Goods producing		(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Service providing		5.4	7.1	9.4	6.3	6.6
Trade transportation and utilities		--	--	--	--	--
Utilities		35.8	53.4	64.6	34.4	31.2
Utilities	221	35.8	53.4	64.6	34.4	31.2
Water, sewage and other systems	2213	47.2	62.3	--	55.2	52.9
Educational and health services		5.5	4.9	6.4	6.5	7.4
Educational services		6.0	5.5	6.9	7.4	8.2
Educational services	611	6.0	5.5	6.9	7.4	8.2
Elementary and secondary schools	6111	6.0	5.5	6.9	7.4	8.2
Health care and social assistance		10.2	5.1	14.5	8.0	15.1
Hospitals	622	4.8	6.0	16.9	9.5	10.1
Nursing and residential care facilities	623	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Public administration		12.3	13.2	16.6	12.1	15.6

¹Data 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>.

² Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

³ Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

⁴ Percent relative standard error less than 0.05.

NOTE: 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 in cooperation with participating state agencies, December 17, 2020

Table A-3. Percent relative standard errors for incidence rates of nonfatal occupational illnesses by industry and category of illness, Kentucky, 2019

Industry sector ¹	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
All industries including state and local government	5.2	16.4	23.5	44.4	8.2	6.2
Private industry	4.2	18.8	27.5	(²)	8.7	4.7
Goods producing	3.1	23.9	21.6	(²)	9.2	2.7
Natural resources and mining	45.3	(²)	(²)	(²)	(²)	45.3
Agriculture, forestry, fishing and hunting	55.6	(²)	(²)	(²)	(²)	55.6
Mining, quarrying, and oil and gas extraction	--	(²)	(²)	(²)	(²)	--
Construction	40.4	--	(²)	(²)	(²)	38.1
Manufacturing	2.9	19.5	21.6	(²)	9.1	2.5
Service providing	9.7	27.7	34.3	(²)	27.9	11.0
Trade transportation and utilities	18.8	30.2	58.2	(²)	27.0	22.1
Wholesale trade	30.3	(²)	(²)	(²)	--	32.7
Retail trade	34.8	26.4	60.6	(²)	(²)	45.7
Transportation and warehousing	10.7	--	5.0	(²)	5.0	9.7
Utilities	59.8	--	(²)	(²)	(²)	--
Information	(²)	(²)	(²)	(²)	(²)	(²)
Financial activities	53.5	(²)	7.6	(²)	(²)	58.2
Finance and insurance	8.5	(²)	8.5	(²)	(²)	(²)
Real estate and rental and leasing	60.2	(²)	(²)	(²)	(²)	60.2
Professional and business services	37.6	--	48.4	(²)	(²)	38.2
Professional, scientific, and technical services	(²)	(²)	(²)	(²)	(²)	(²)
Administrative & support & waste management & remediation services	40.5	--	48.7	(²)	(²)	45.3
Educational and health services	11.4	29.3	33.1	(²)	(²)	12.8
Educational services	8.9	8.9	8.9	(²)	(²)	(²)
Health care and social assistance	11.6	32.5	37.7	(²)	(²)	12.9
Leisure and hospitality	51.0	4.4	--	(²)	(²)	54.4
Accommodation and food services	57.3	(²)	(²)	(²)	(²)	57.3
Other services (except public administration)	62.7	(²)	(²)	(²)	--	--
State and local government	25.1	31.0	21.9	44.5	3.2	31.5
State government	28.8	7.2	17.9	53.0	(²)	38.9
Local government	29.6	35.7	29.6	3.4	3.4	36.5

¹ 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/soil/concepts.htm>.

² Percent relative standard error less than 0.05.

³ Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

NOTE: 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 in cooperation with participating state agencies, December 17, 2020

Table A-4. Percent relative standard errors for numbers of nonfatal occupational illnesses by industry & category of illness, Kentucky, 2019

Industry sector ¹	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
All industries including state and local government	5.2	15.9	23.3	48.6	8.0	6.3
Private industry	4.3	18.7	27.2	(²)	8.4	4.9
Goods producing	3.6	23.5	22.4	(²)	8.8	3.8
Natural resources and mining	40.5	(²)	(²)	(²)	(²)	40.5
Agriculture, forestry, fishing and hunting	55.4	(²)	(²)	(²)	(²)	55.4
Mining, quarrying, and oil and gas extraction	--	(²)	(²)	(²)	(²)	--
Construction	39.7	--	(²)	(²)	(²)	38.3
Manufacturing	3.5	19.7	22.4	(²)	8.8	3.7
Service providing	9.6	27.7	33.9	(²)	28.3	10.9
Trade transportation and utilities	18.8	30.7	57.6	(²)	27.1	22.2
Wholesale trade	30.8	(²)	(²)	(²)	--	33.3
Retail trade	34.9	26.4	60.1	(²)	(²)	46.0
Transportation and warehousing	10.2	--	2.5	(²)	2.6	9.1
Utilities	60.2	--	(²)	(²)	(²)	--
Information	(²)	(²)	(²)	(²)	(²)	(²)
Financial activities	55.1	(²)	8.8	(²)	(²)	60.0
Finance and insurance	8.8	(²)	8.8	(²)	(²)	(²)
Real estate and rental and leasing	60.0	(²)	(²)	(²)	(²)	60.0
Professional and business services	36.9	--	46.4	(²)	(²)	38.4
Professional, scientific, and technical services	(²)	(²)	(²)	(²)	(²)	(²)
Administrative & support & waste management & remediation services	39.7	--	46.4	(²)	(²)	46.3
Educational and health services	11.2	29.2	33.2	(²)	(²)	12.6
Educational services	9.8	9.8	9.8	(²)	(²)	(²)
Health care and social assistance	11.4	32.4	37.8	(²)	(²)	12.6
Leisure and hospitality	51.1	11.7	--	(²)	(²)	54.5
Accommodation and food services	57.4	(²)	(²)	(²)	(²)	57.4
Other services (except public administration)	62.5	(²)	(²)	(²)	--	--
State and local government	25.2	22.9	21.6	48.6	10.0	31.6
State government	30.2	25.6	13.2	57.6	(²)	39.8
Local government	29.8	26.3	29.5	10.9	10.0	36.7

¹ 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/soi/concepts.htm>.

² Percent relative standard error less than 0.05.

³ Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

NOTE: 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 in cooperation with participating state agencies, December 17, 2020

2021 Census of Occupational Injuries

INTRODUCTION

The Census of Fatal Occupational Injuries (CFOI) program was developed by the BLS to compile a comprehensive, accurate, and timely measure of fatal work injuries that occurred during the year. The CFOI program is a Federal-State cooperative program. In 1992, the program was expanded to include all 50 states and the District of Columbia. This is Kentucky's 30th year participating in the program.

The CFOI program currently includes private sector, public sector, military, self-employed, and certain volunteers. To be included in this report, the incident leading to the fatality must have occurred in the reference state (Kentucky) during the reference year (2019), and the fatality must be work-related according to the CFOI guidelines. Many of these fatalities involve workers not covered under the jurisdiction of Federal or State agencies engaged in consultation-related, prevention-related, or regulatory activities in occupational safety and health. Among these workers are the self-employed, laborers on small farms, and certain government employees. Thus, CFOI data that covers these workers may differ from data obtained through other sources.

Timely information on all fatal occupational injuries were compiled from a variety of sources including death certificates, motor vehicle traffic accident reports, medical examiners reports, newspaper articles, Kentucky and Federal Worker's Compensation reports, and other governmental investigative reports. Each fatality was substantiated by at least two (2) independent source documents or one (1) source document and a follow-up questionnaire to the employer or other contact (excluding relatives) that had knowledge about the circumstances of the incident.

The Kentucky CFOI program provides useful data for identifying hazardous industries, occupations, activities, and equipment involved in work-related fatalities. The CFOI program provides stakeholders and analysts information that will lead to safer working conditions.

SUMMARY

The number of occupational fatalities in Kentucky was seventy-eight (78) in 2019.

Of the seventy-eight (78) fatalities in 2019, seventy-four (74) were men and four (4) were women.

The race or ethnic group with the highest number of fatalities was White (non-Hispanic) with sixty (60) deaths.

The two (2) largest categories for fatal events in the state were transportation with thirty-four (34) deaths and contact with objects and equipment with fifteen (15) deaths.

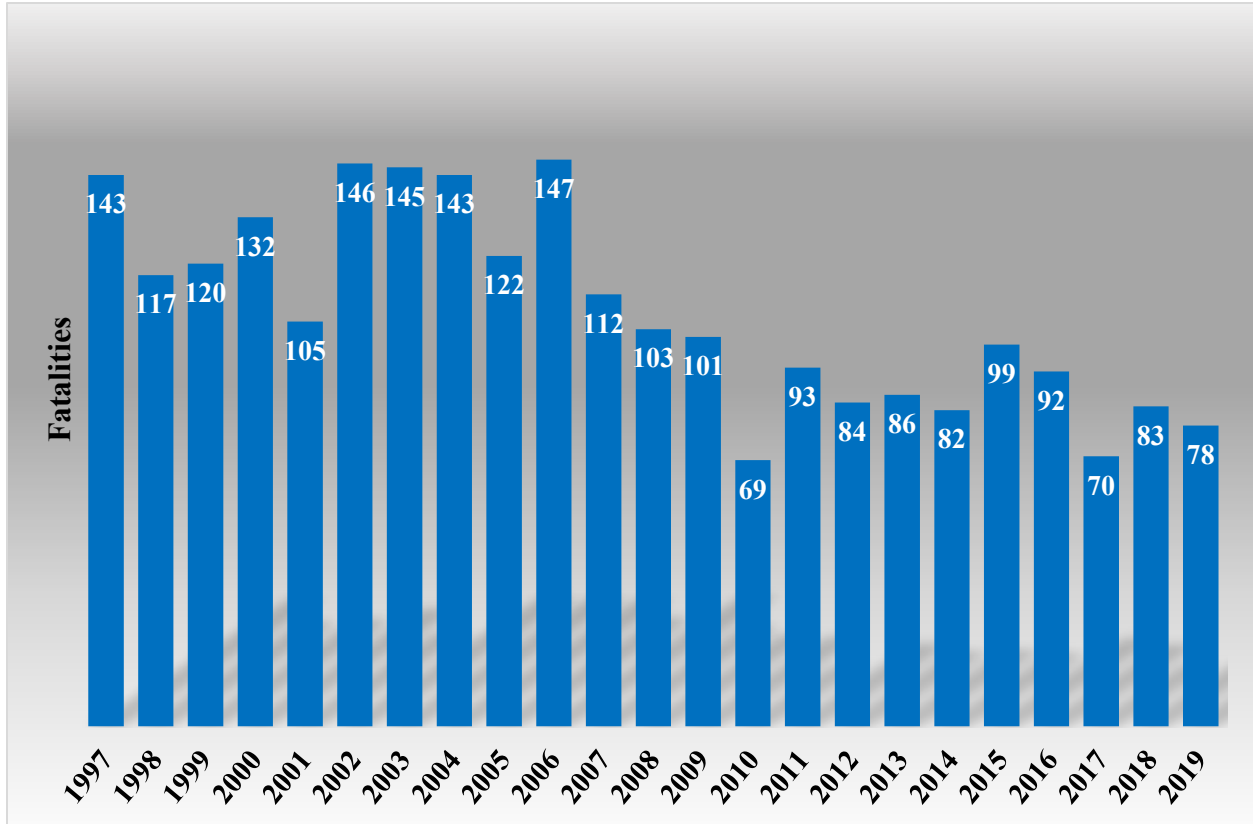
The industries experiencing the most fatalities were Trade, Transportation and Utilities (21 fatalities); Natural Resources and Mining (15 fatalities); Construction (14 fatalities); Agriculture, Forestry, Fishing, and Hunting (12 fatalities); and Transportation and Warehousing (12 fatalities).

The age range with the highest number of fatal occupational injuries was fifty-five (55) to sixty-four (64) years with twenty (20) fatalities.

There were five (5) fatalities in the government sectors.

Of the seventy-eight (78) fatalities in Kentucky, twenty-three (23) individuals were self-employed.

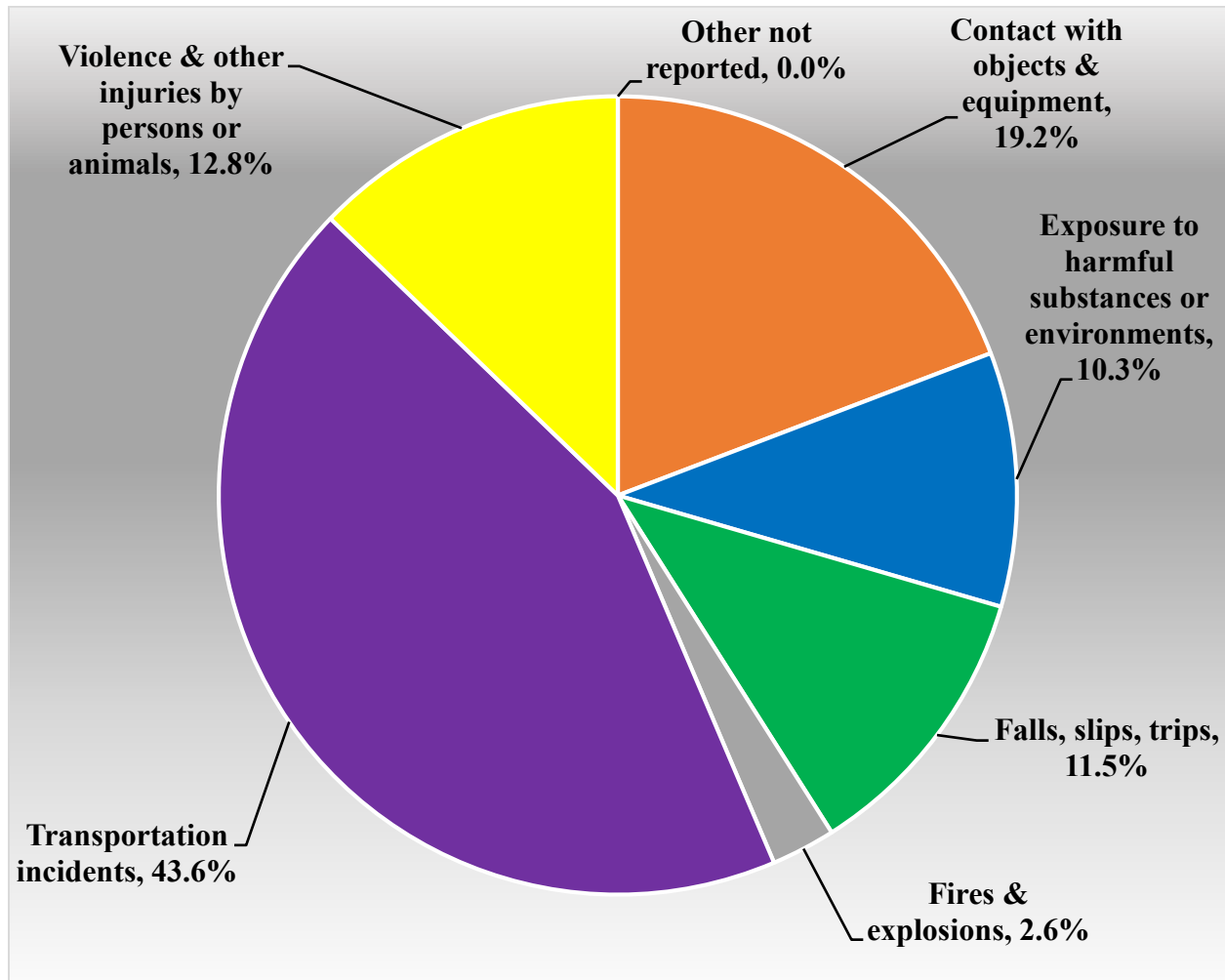
KENTUCKY WORK RELATED FATALITIES



Source: U.S. DOL, BLS, CFOI

This graph does not include employees that died of natural causes in the workplace.

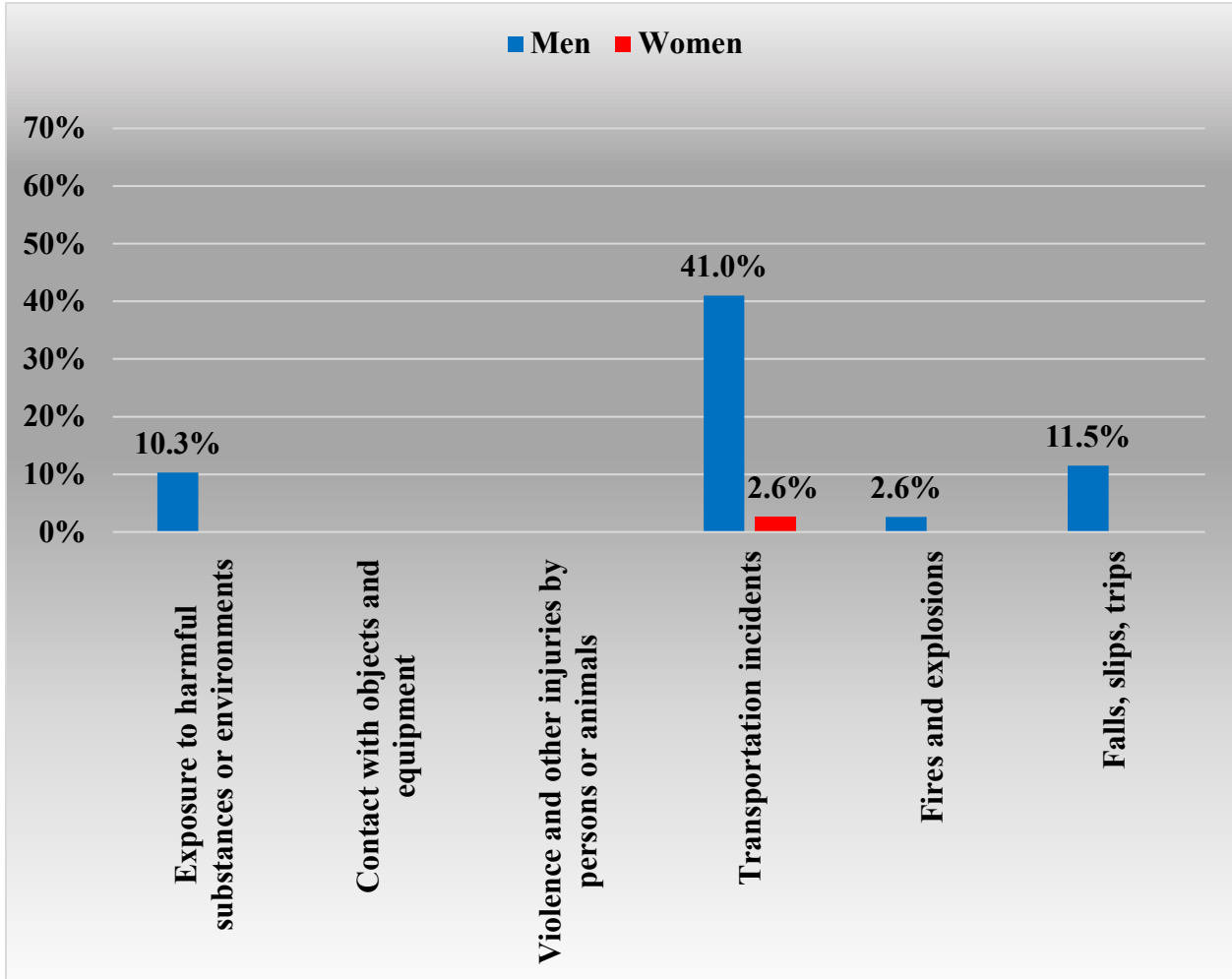
WORKPLACE FATAL INJURIES BY EVENT OR EXPOSURE, ALL OWNERSHIPS
KENTUCKY 2019 (78 TOTAL)



Source: U.S. DOL, BLS, 2021

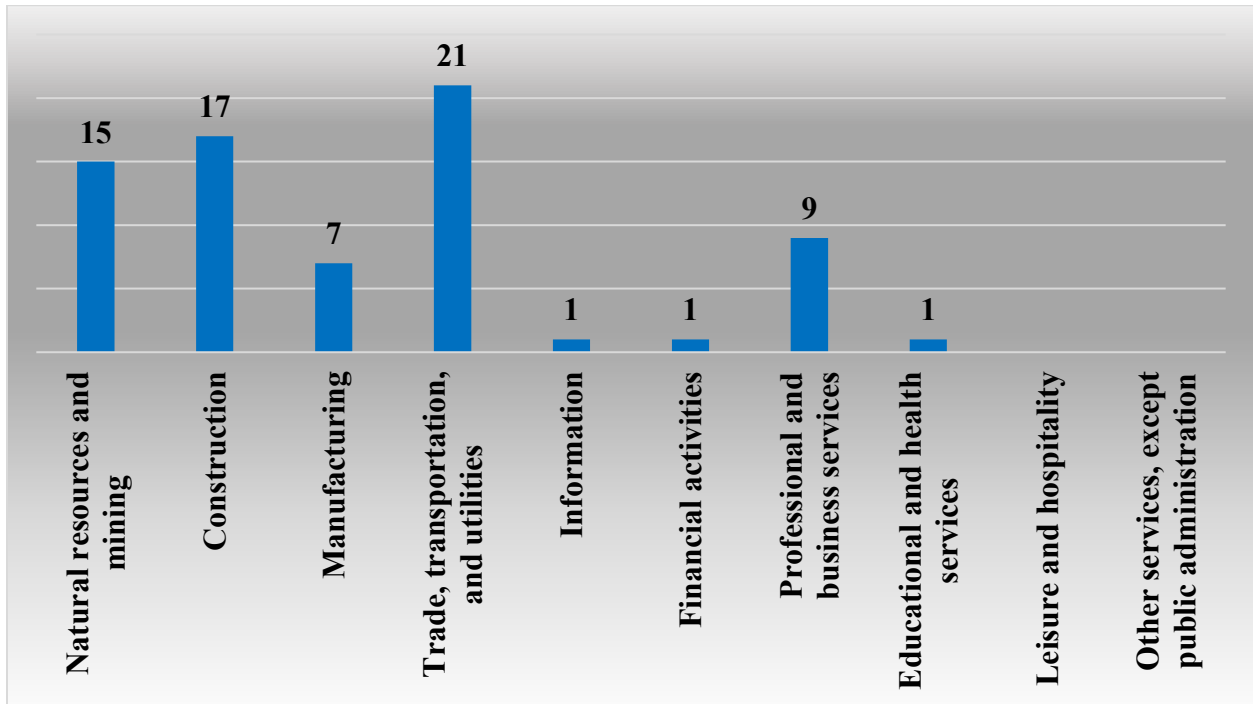
This graph does not include employees that died of natural causes in the workplace.

FATAL WORK INJURIES BETWEEN MEN AND WOMEN, ALL OWNERSHIPS
KENTUCKY 2019 (74 MEN, 4 WOMEN)



Source: U.S. DOL, BLS, 2021

FATAL WORK INJURIES IN SELECTED INDUSTRIES, ALL OWNERSHIPS
KENTUCKY 2019 (78 TOTAL)



Source: U.S. DOL, BLS, 2021

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Kentucky, 2019

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	78	10	34	2	9	8	15
Management occupations	11	3	6	--	--	--	--
Other management occupations	9	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Computer and mathematical occupations	1	--	--	--	--	--	--
Computer specialists	1	--	--	--	--	--	--
Computer occupations	1	--	--	--	--	--	--
Architecture and engineering occupations	2	--	2	--	--	--	--
Architects, surveyors, and cartographers	1	--	--	--	--	--	--
Surveyors, cartographers, and photogrammetrists	1	--	--	--	--	--	--
Surveyors	1	--	--	--	--	--	--
Engineers	1	--	--	--	--	--	--
Electrical and electronics engineers	1	--	--	--	--	--	--
Community and social service occupations	2	--	--	--	--	--	--
Counselors, social workers, & other community & social service specialists	1	--	--	--	--	--	--
Social workers	1	--	--	--	--	--	--
Child, family, and school social workers	1	--	--	--	--	--	--
Religious workers	1	--	--	--	--	--	--
Clergy	1	--	--	--	--	--	--
Protective service occupations	3	--	1	--	--	--	--
Law enforcement workers	1	--	--	--	--	--	--
Police officers	1	--	--	--	--	--	--
Police and sheriff's patrol officers	1	--	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	4	--	2	--	--	--	--
Grounds maintenance workers	4	--	2	--	--	--	--
Grounds maintenance workers	4	--	2	--	--	--	--
Landscaping and groundskeeping workers	3	--	--	--	--	--	--
Tree trimmers and pruners	1	--	--	--	--	--	--
Sales and related occupations	5	3	--	--	--	--	--
Supervisors of sales workers	1	1	--	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Kentucky, 2019

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
First-line supervisors of sales workers	1	1	--	--	--	--	--
First-line supervisors of retail sales workers	1	1	--	--	--	--	--
Farming, fishing, and forestry occupations	4	--	--	--	--	--	2
Supervisors of farming, fishing, and forestry workers	1	--	--	--	--	--	--
First-line supervisors of farming, fishing, & forestry workers	1	--	--	--	--	--	--
First-line supervisors of farming, fishing, & forestry workers	1	--	--	--	--	--	--
Agricultural workers	1	--	--	--	--	--	--
Miscellaneous agricultural workers	1	--	--	--	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse	1	--	--	--	--	--	--
Forest, conservation, and logging workers	2	--	--	--	--	--	--
Logging workers	2	--	--	--	--	--	--
Fallers	2	--	--	--	--	--	--
Construction and extraction occupations	16	--	6	--	6	3	1
Supervisors of construction and extraction workers	3	--	1	--	1	1	--
First-line supervisors of construction trades & extraction workers	3	--	1	--	1	1	--
First-line supervisors of construction trades & extraction workers	3	--	1	--	1	1	--
Construction trades workers	10	--	3	--	5	--	--
Painters and paperhangers	1	--	--	--	--	--	--
Painters, construction and maintenance	1	--	--	--	--	--	--
Pipelayers, plumbers, pipefitters, and steamfitters	1	--	1	--	--	--	--
Plumbers, pipefitters, and steamfitters	1	--	--	--	--	--	--
Roofers	6	--	--	--	--	--	--
Other construction and related workers	1	--	1	--	--	--	--
Construction and building inspectors	1	--	1	--	--	--	--
Extraction workers	2	--	1	--	--	--	1
Underground mining machine operators	1	--	--	--	--	--	--
Continuous mining machine operators	1	--	--	--	--	--	--
Helpers--extraction workers	1	--	--	--	--	--	--
Installation, maintenance, and repair occupations	4	--	--	--	--	--	--
Production occupations	7	--	1	--	--	--	3
Metal workers and plastic workers	3	--	--	--	--	--	1
Welding, soldering, and brazing workers	3	--	--	--	--	--	1
Welders, cutters, solderers, and brazers	3	--	--	--	--	--	1

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Kentucky, 2019

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Transportation and material moving occupations	17	--	9	--	--	3	3

¹ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>. Cases where occupation is unknown are included in the total.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

⁵ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 17, 2020

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Kentucky, 2019

Worker characteristics	Total fatal injuries (number)	Event or exposure ¹					
		Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total	78	34	10	15	9	8	2
Employee status							
Wage and salary ⁴	55	25	6	10	7	5	2
Self-employed ⁵	23	9	4	5	--	3	--
Gender							
Women	4	2	--	--	--	--	--
Men	74	32	--	--	9	8	2
Age							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	--	--	--	--	--	--	--
20 to 24 years	5	--	--	--	--	--	--
25 to 34 years	10	--	--	3	--	--	--
35 to 44 years	17	11	1	--	3	--	--
45 to 54 years	16	5	--	4	--	--	--
55 to 64 years	20	7	--	5	4	--	--
65 years and over	10	6	--	--	--	--	--
Race or ethnic origin⁶							
White (non-Hispanic)	60	29	6	11	7	5	--
Black or African-American (non-Hispanic)	7	--	--	--	--	--	--
Hispanic or Latino	8	--	--	--	--	--	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Kentucky, 2019

Worker characteristics	Total fatal injuries (number)	Event or exposure ¹					
		Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Asian (non-Hispanic)	--	--	--	--	--	--	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

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

² Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

⁵ 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.

⁶ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanic and Latino workers. Cases where ethnicity is unknown are included in count of non-Hispanic workers.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 17, 2020

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Total	78	--	15	14	--	--	21	--	1	9	1	--	--
Violence and other injuries by persons or animals	10	--	--	--	--	--	5	--	--	--	--	--	--
Intentional injury by person	8	--	--	--	--	--	--	--	--	--	--	--	--
Homicides (Intentional injury by other person)	6	--	--	--	--	--	--	--	--	--	--	--	--
Shooting by other person--intentional	3	--	--	--	--	--	--	--	--	--	--	--	--
Hitting, kicking, beating, shoving	1	--	--	--	--	--	--	--	--	--	--	--	--
Strangulation by other person	1	--	--	--	--	--	--	--	--	--	--	--	--
Transportation incidents	34	--	--	3	--	--	--	--	--	--	1	--	--
Pedestrian vehicular incident	9	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in work zone	3	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle backing up in work zone	1	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	6	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in nonroadway area	6	--	--	--	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	20	--	--	--	--	--	--	--	--	--	1	--	--
Roadway collision with other vehicle	7	--	--	--	--	--	--	--	--	--	--	--	--
Roadway collision--moving in same direction	3	--	--	--	--	--	--	--	--	--	--	--	--
Roadway collision--moving in opposite directions, oncoming	3	--	--	--	--	--	--	--	--	--	--	--	--
Roadway collision with object other than vehicle	8	--	--	--	--	--	--	--	--	--	--	--	--
Vehicle struck object or animal on side of roadway	7	--	--	--	--	--	--	--	--	--	--	--	--
Vehicle struck by falling or flying object--roadway	1	--	--	--	--	--	--	--	--	--	--	--	--
Roadway noncollision incident	5	--	--	--	--	--	--	--	--	--	--	--	--
Jack-knifed or overturned, roadway	5	--	--	--	--	--	--	--	--	--	--	--	--
Fires and explosions	2	--	--	--	--	--	--	--	--	--	--	--	--
Explosions	2	--	--	--	--	--	--	--	--	--	--	--	--
Explosion of nonpressurized vapors, gases, or liquids	1	--	--	--	--	--	--	--	--	--	--	--	--
Explosion of pressure vessel, piping, or tire	1	--	--	--	--	--	--	--	--	--	--	--	--
Falls, slips, trips	9	--	--	--	--	--	--	--	--	--	--	--	--
Falls to lower level	9	--	--	--	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment	2	--	--	--	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 6 to 10 feet	1	--	--	--	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 16 to 20 feet	1	--	--	--	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening	1	--	--	--	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 11 to 15 feet	1	--	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level	6	--	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level 11 to 15 feet	1	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to harmful substances or environments	8	--	--	3	--	--	3	--	--	--	--	--	--
Exposure to other harmful substances	5	--	--	--	--	--	--	--	--	--	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	5	--	--	--	--	--	--	--	--	--	--	--	--
Contact with objects and equipment	15	--	--	1	--	--	--	--	1	--	--	--	--

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector

Event or exposure ²	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Struck by object or equipment	13	--	--	--	--	--	--	--	--	--	--	--	--
Struck by powered vehicle--nontransport	6	--	--	--	--	--	--	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	5	--	--	--	--	--	1	--	--	--	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	1	--	--	--	--	--	1	--	--	--	--	--	--

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 17, 2020