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2019

# Kentucky Occupational Injury, Illness & Fatality Report

Based on 2017 BLS data



Report prepared by:  
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In cooperation with The U.S. Department of Labor Bureau of Labor Statistics

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## INTRODUCTION

### Kentucky Occupational Safety and Health Program KRS 338

The Kentucky 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, Occupational Safety and Health Administration (OSHA), exercises jurisdiction for enforcement, on-site consultation, standards promulgation, and training services related to workplace safety and health. Enforcement activities and voluntary compliance services extend to both the public and private sectors in Kentucky 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 retains jurisdiction in Kentucky for private sector maritime activities as well as for Tennessee Valley Authority employment, military bases, and other properties ceded to the U.S. government.

### Kentucky SOII Survey

The Statistical Services Branch conducts an annual survey of occupational injuries and illnesses from approximately 4,200 companies (private and public). The type of data collected in this survey includes annual average employment, total hours worked and injury and illness totals for the state of Kentucky. Demographic data and case characteristics are provided for cases that involve one day or more away from work. This survey is a random sample survey conducted in conjunction with the federal Bureau of Labor Statistics. The results are published each year by the Division of Education and Training, and data is also merged with national statistics to formulate incidence rates on a national level as well. The publication includes the top 10 hazardous industries in Kentucky, and 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 more serious cases, those involving one or more days away from work, it provides a description of the injury or illness circumstances as well as the characteristics of the affected workers.

### Benefits of SOII Data

The data is used to identify and correct hazards in the workplace. National and State policy makers use the survey as an indicator of the occupational safety and health conditions across industries and kinds of workers. The Occupational Safety and Health Administration uses the statistics 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 job safety and health.

## TECHNICAL NOTES

### Scope of the Survey

The BLS survey collected data from employers in the following industries in the state of Kentucky: agriculture, forestry, fishing, and hunting; oil and gas extraction (in the mining industry); construction, manufacturing, wholesale trade, retail trade, transportation and warehousing, utilities, information, finance and insurance; real estate and rental and leasing; administrative and support and waste management and remediation services; educational services; health and social assistance; arts, entertainment, and recreation; accommodation and food services; other services; and public administration. All employees, e.g., part-time, full-time, casual, etc., in these industries are covered. Excluded were self-employed individuals, farms with less than 10 employees and the federal government. Questionnaires were mailed or e-mailed to 4,200 establishments. 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 Acts were provided to this publication by the Mine Safety and Health Administration. Data on railroad employers was provided to this publication by the Federal Railroad Administration, U.S. Department of Transportation.

### Sample Design

A weighted sample was selected by the Bureau of Labor Statistics to represent all industries, size classes, and geographic locations in Kentucky with the exceptions noted above. Industries were developed using the 2012 North American Industry Classification System (NAICS) Manual published by the Office of Management and Budget. The injury and illness data for all units in each industry-employment size group were expanded by the inverse of the sampling ratio and benchmarked to the appropriate employment level in each industry to obtain the estimates. A benchmark factor was derived for each estimating cell by dividing the universe employment by the weighted employment derived from the sample. This factor serves to adjust for births and deaths in the universe within each industry-employment-size cell.

### Instructions for computing an incidence rate

Incidence rates for an individual establishment or firm may be calculated by employers using the same formula as that used to calculate industry-wide incidence rates from the BLS Survey of Occupational Injuries. By so doing, an employer may compare his own work injury and illness experience to the overall experience of his industry in Kentucky. This formula uses a constant figure of 200,000 which represents the number of hours worked per 100 full-time equivalent workers. In the formula use the total hours worked by all categories of employees, full time, part time, seasonal, etc. during the time period you wish to study. This should correspond with the case count time period. (month, year).

The formula for computing the incidence rate is as follows:

$$\frac{\text{Count of cases X 200,000}}{\text{Hours Worked}}$$

## 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 from employers in the sample. For calendar year 2015 the number of cases reported on the Log is shown as an incidence rate, and as a count of cases

### Case Type

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 in the survey were asked to submit additional information for each case that was serious enough for the employee to miss days 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
- Number of days missed per case

## SOII SUMMARY

The SOII 2017 data from the Bureau of Labor Statistics reported the lowest incident rate for nonfatal occupational injuries and illnesses in the state's history.

Kentucky's rate improved from 3.4 in 2016 to 3.3 in 2017 - reflecting the most recent data available. This rate has steadily declined since first calculated in 1997, when the rate was 8.4.

Six industry categories in the Commonwealth saw improvements in industry-specific incident rates. Comparing data from 2016 and 2017, Good Producing, Construction, Manufacturing, Information, Education and Health Services and State and Local Government all saw slight decreases.

The majority of injury and illness events or exposure were; Overexertion and bodily reaction (42.2 %), Contact with object, equipment (25.7 %) and Falls, slips and trips (21.2 %).



## 2017 Record Low Year for Nonfatal Occupational Injuries and Illnesses in Kentucky

*BLS data shows drop in rate of recordable nonfatal occupational injuries and illnesses for Kentucky workers*

**FRANKFORT, Ky. (Jan. 23, 2019)** - Officials from the Kentucky Labor Cabinet today applauded recent [reports](#) by the federal government that show continued improvement in workplace safety throughout Kentucky, including the lowest rate of nonfatal incidents recorded in more than two decades.

According to the latest data from the U.S. Bureau of Labor Statistics (BLS), the rate of recordable nonfatal occupational injuries and illnesses for all industries dropped to 3.3 cases per 100 full-time employees in 2017 – a decrease from the previous rate of 3.4 in 2016 and the rate of 3.7 in 2015. This marks the lowest rate of nonfatal occupational injuries and illnesses in Kentucky since BLS began tracking this data in 1996. Additionally, BLS reported that 70 work-related fatalities occurred in Kentucky in 2017, a decrease from the 92 work-related fatalities reported in 2016.

“I am encouraged to see a continued decline in workplace injuries throughout Kentucky during 2017,” said Acting Secretary David A. Dickerson. “But no rate of injury and, more importantly, no workplace fatality number – except zero – will ever be acceptable. It is the goal of this Cabinet and this Administration to do whatever it takes to ensure that both of these numbers continue to fall.”

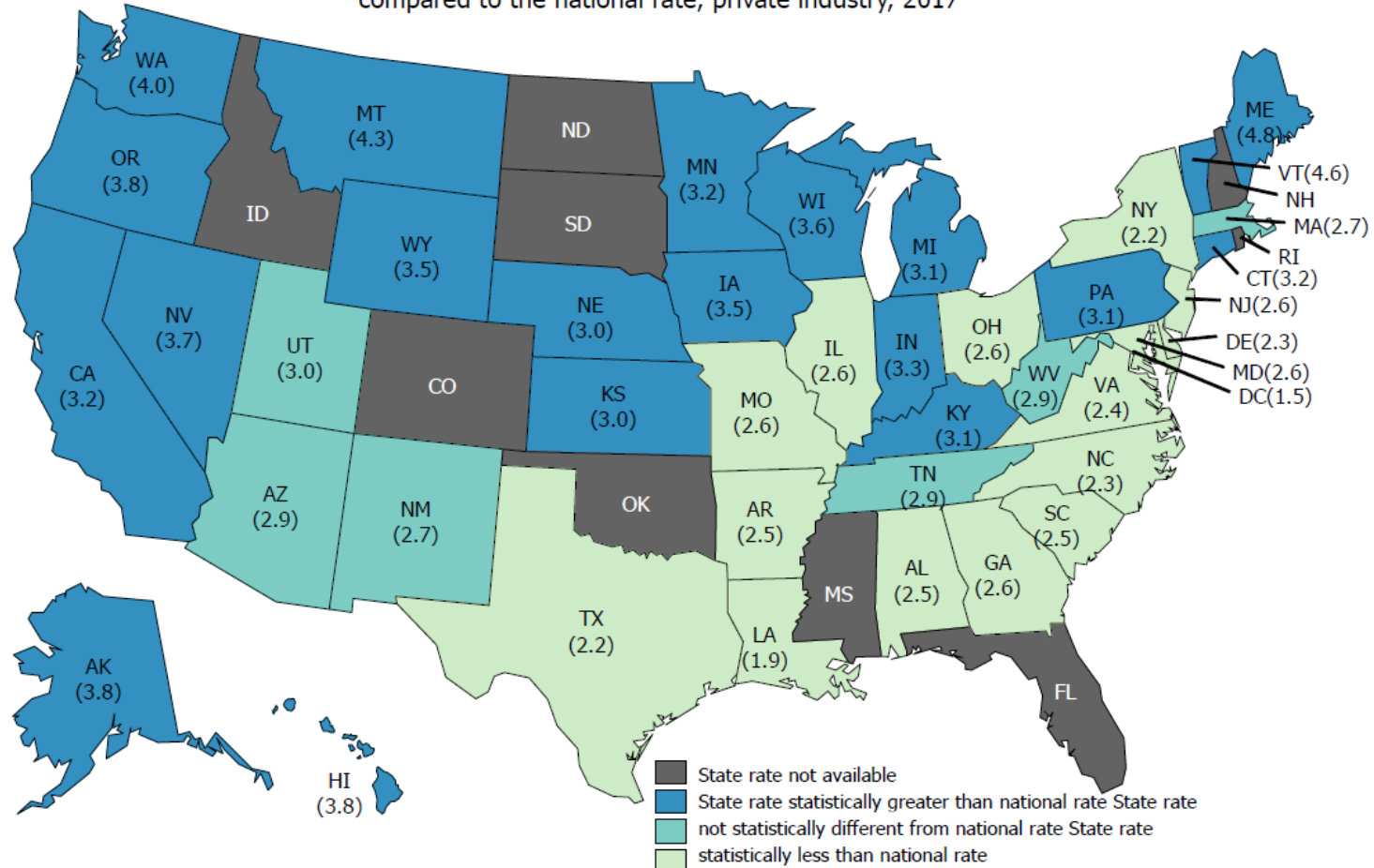
Partnering with the U.S. Occupational Safety and Health Administration, the Labor Cabinet has the statutory responsibility to enforce occupational safety and health (OSH) standards in Kentucky. In performing this duty, investigators with the Labor Cabinet’s Division of OSH Compliance inspect workplaces throughout the Commonwealth to identify hazardous, unsafe, or unhealthy environments that may exist and, when necessary, cite or stop employers that permit such conditions to occur. The Labor Cabinet also provides free consultation and training services for employers that wish to identify and address OSH concerns proactively through KYSafe, a program overseen by the Division of OSH Education & Training.

“Kentucky has a real opportunity to establish itself as the ‘gold standard’ for safe and healthful workplaces across the country,” said Department of Workplace Standards Commissioner Dwayne Depp. “It will take a lot of effort to reach that goal, but we have a team of employees who dedicate themselves every single day to answering the paramount question of how to make the Commonwealth safer, healthier, and more productive for the 1.9 million people who work here. I am proud of what we have accomplished since I came on board six months ago, and I look forward to implementing further initiatives to make our program, and the services we provide, even better.”

“Improving the OSH program is my number one policy priority,” added Secretary Dickerson. “The recently published injury and illness rates by BLS provide us with good news, but we can do better. In the coming months, the public should expect to see additional reforms within the Labor Cabinet for this purpose. Whether it be reducing response times, embracing new technologies, re-thinking priorities, or incentivizing employee performance, everything is on the table.”

For more information, please visit the Kentucky Labor Cabinet’s webpage at [www.labor.ky.gov](http://www.labor.ky.gov). Follow the Kentucky Labor Cabinet on [Facebook](#) and [Twitter](#) for all the latest updates.

State nonfatal occupational injury and illness incidence rates\*  
 compared to the national rate, private industry, 2017

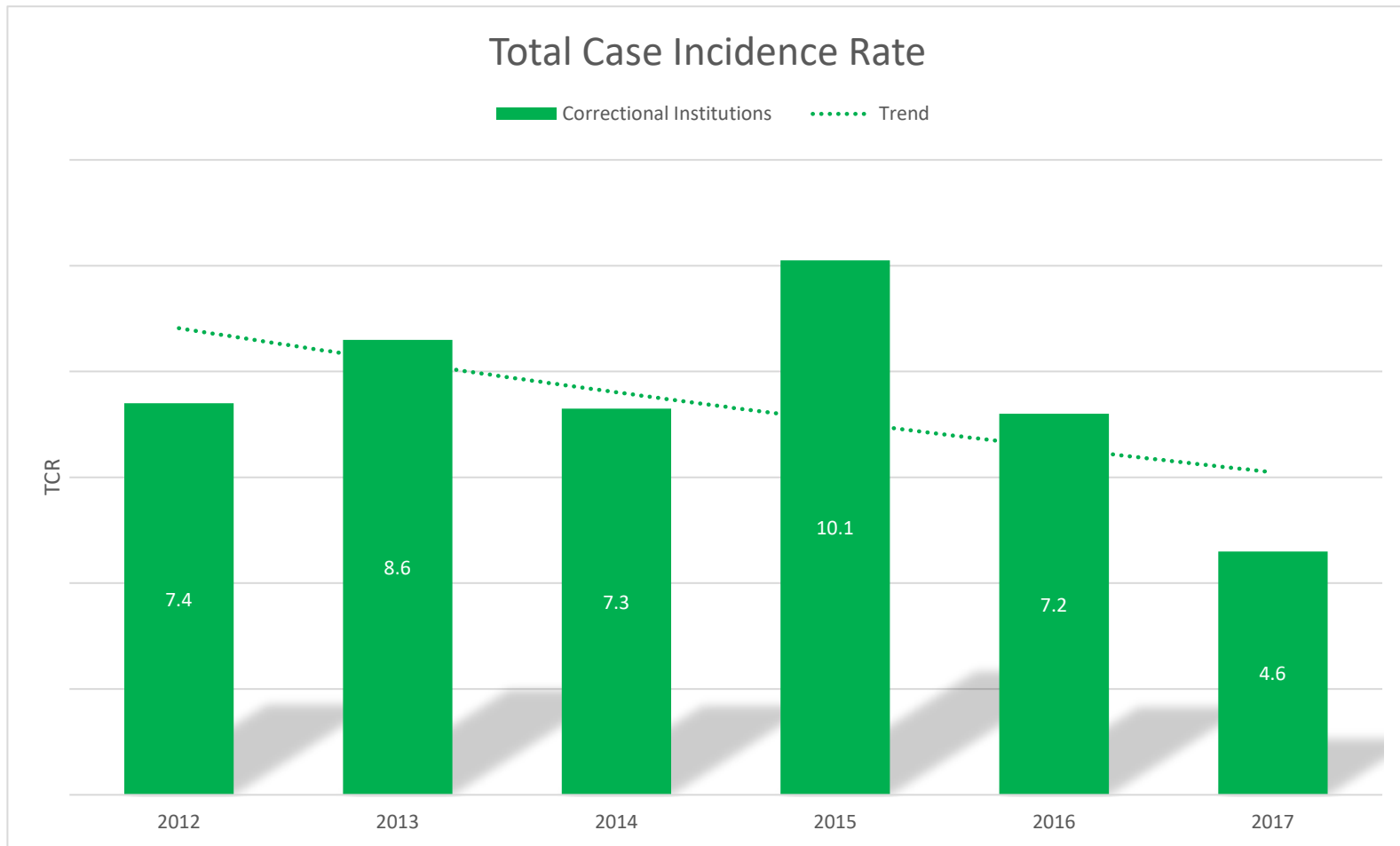


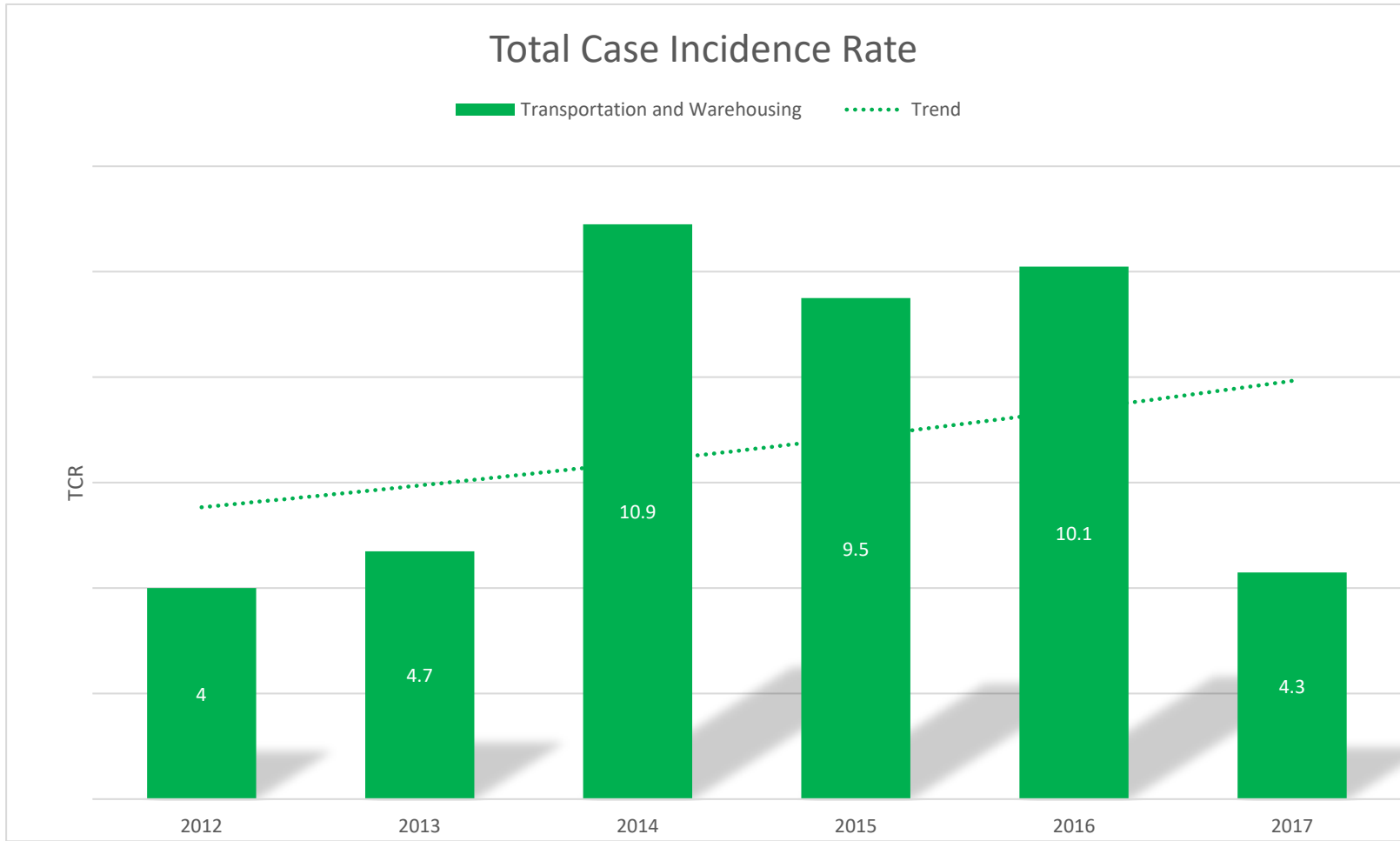
Private industry and public sector estimates are available for 41 participating states and for the District of Columbia for 2017. The private industry injury and illness rate was statistically higher in 20 states than the national rate of 2.8 cases per 100 full-time workers, lower in 15 states and in the District of Columbia, and not statistically different in 6 states. Caution should be taken when comparing rates among different states as some differences can be attributed to different industry composition within each state.

\* Total recordable case (TRC) incidence rate per 100 full-time workers  
 Source: U.S. Bureau of Labor Statistics, U.S. Department of Labor, November 2018

## EMPHASIS PROGRAMS

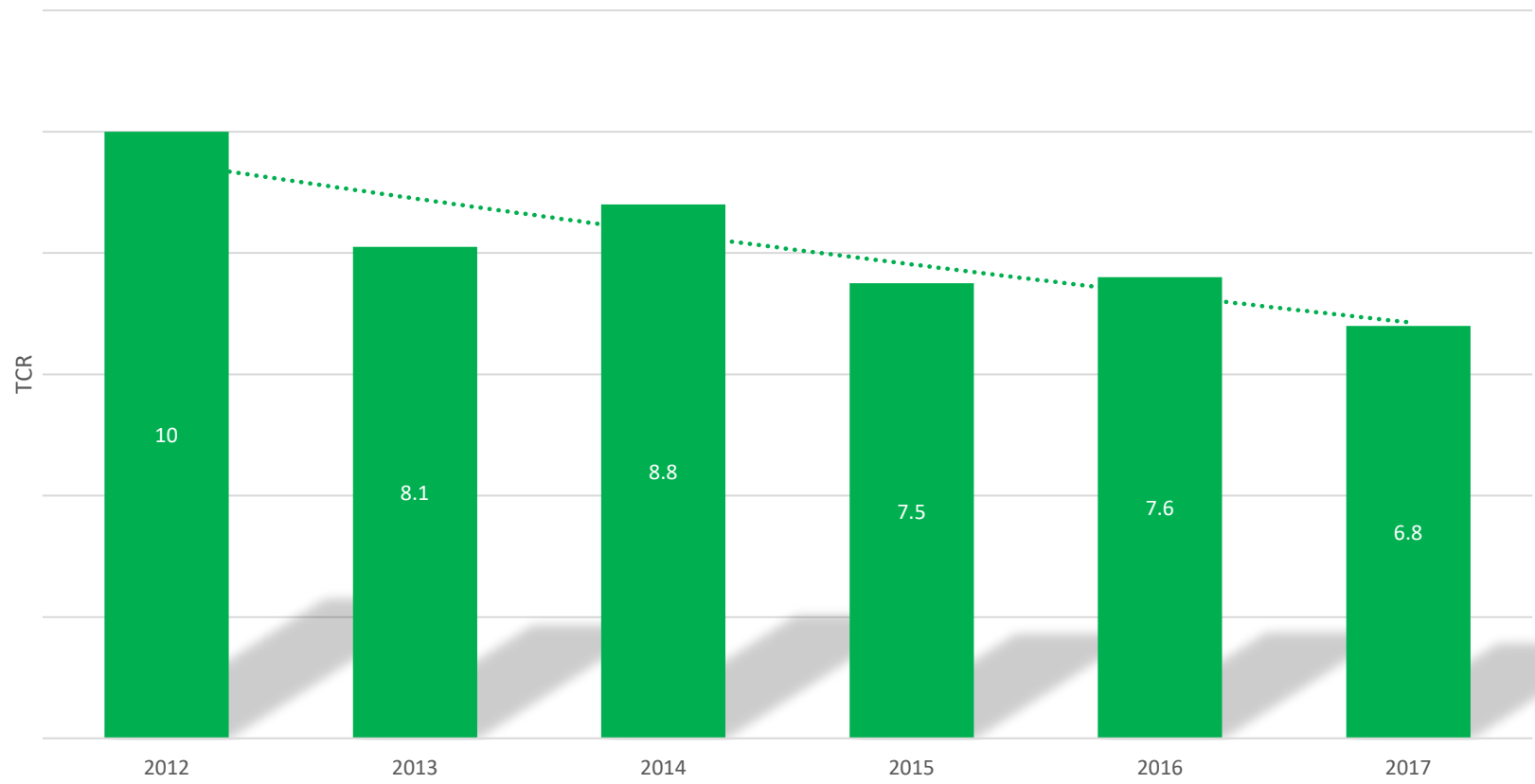
In an effort to address high hazard industry issues, the Division of OSH Education and Training uses the data from the Bureau of Labor Statistics, Survey of Occupational Injury and Illness report to target employers in the industries with the highest injury and illness rates. The graphs below represent industries that were selected by the Division of OSH Education and Training in emphasis outreach programs.



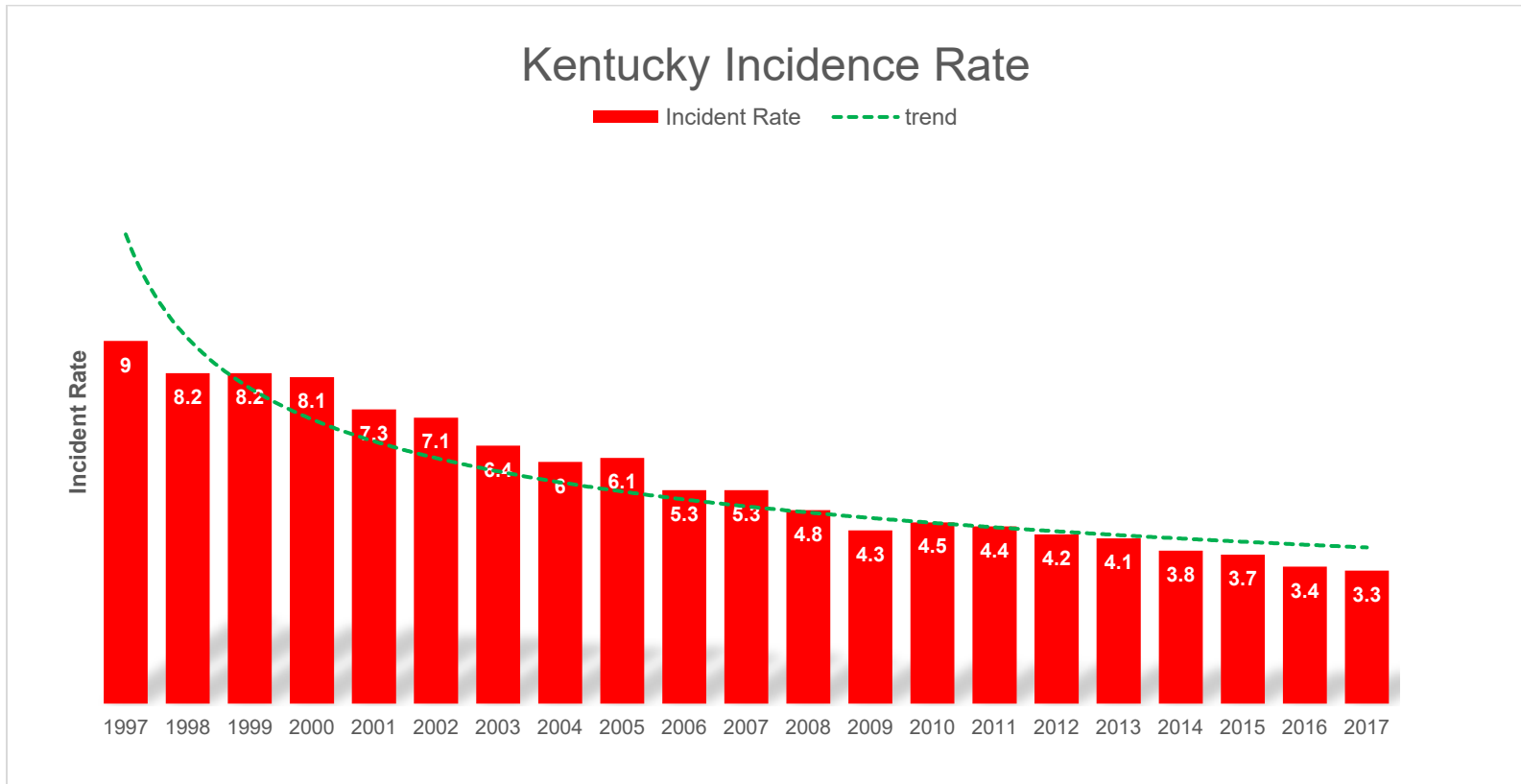


# Total Case Incidence Rate

■ Nursing and Residential Care Facilities Private    ..... Trend



## Kentucky Incidence Rate Trend



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

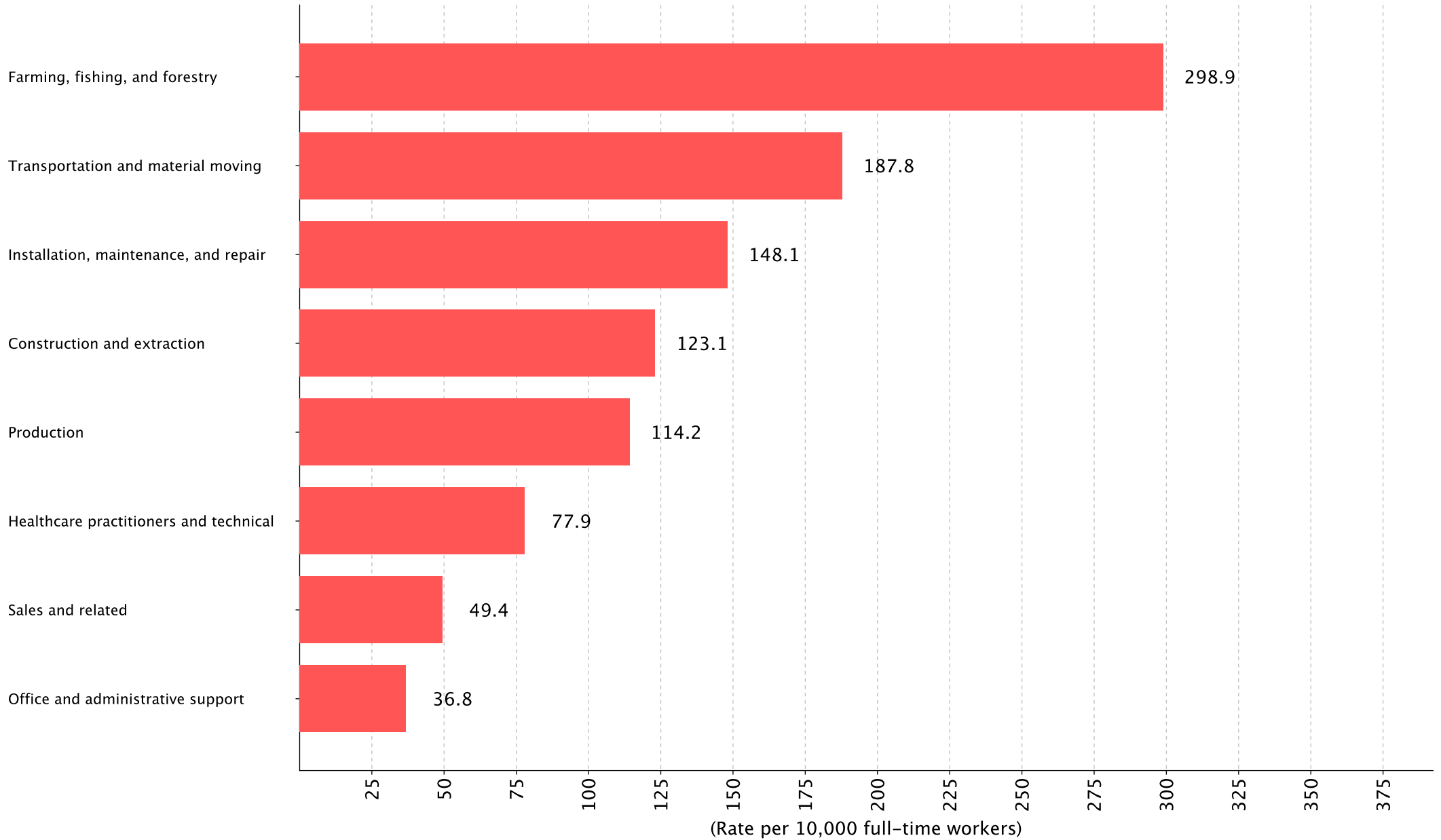
Incidence Rate is the number of injuries and or illnesses the per 100 full time workers were calculated. The formula for computing the incidence rate is as follows:

$$\frac{\text{Count of cases} \times 200,000}{\text{Hours Worked}}$$

Kentucky's Ranking of Industries with the Highest Injury and Illness Total Case Incidence  
Rate, All Industries

2017		
NAICS	DESCRIPTION	RATE
KY-3.3 NA-2.8		
71	Arts, entertainment and recreation	10.2
622	Hospitals (state government)	9.9
3219	Other wood product manufacturing	8.8
424	Merchant wholesalers, nondurable goods	6.9
623	Nursing and residential care facilities (private industry)	6.8
3321	Forging and stamping manufacturing	6.7
92212	Police protection	6.5
3211	Sawmill & wood preservation	6.4
92	Public protection	6.2

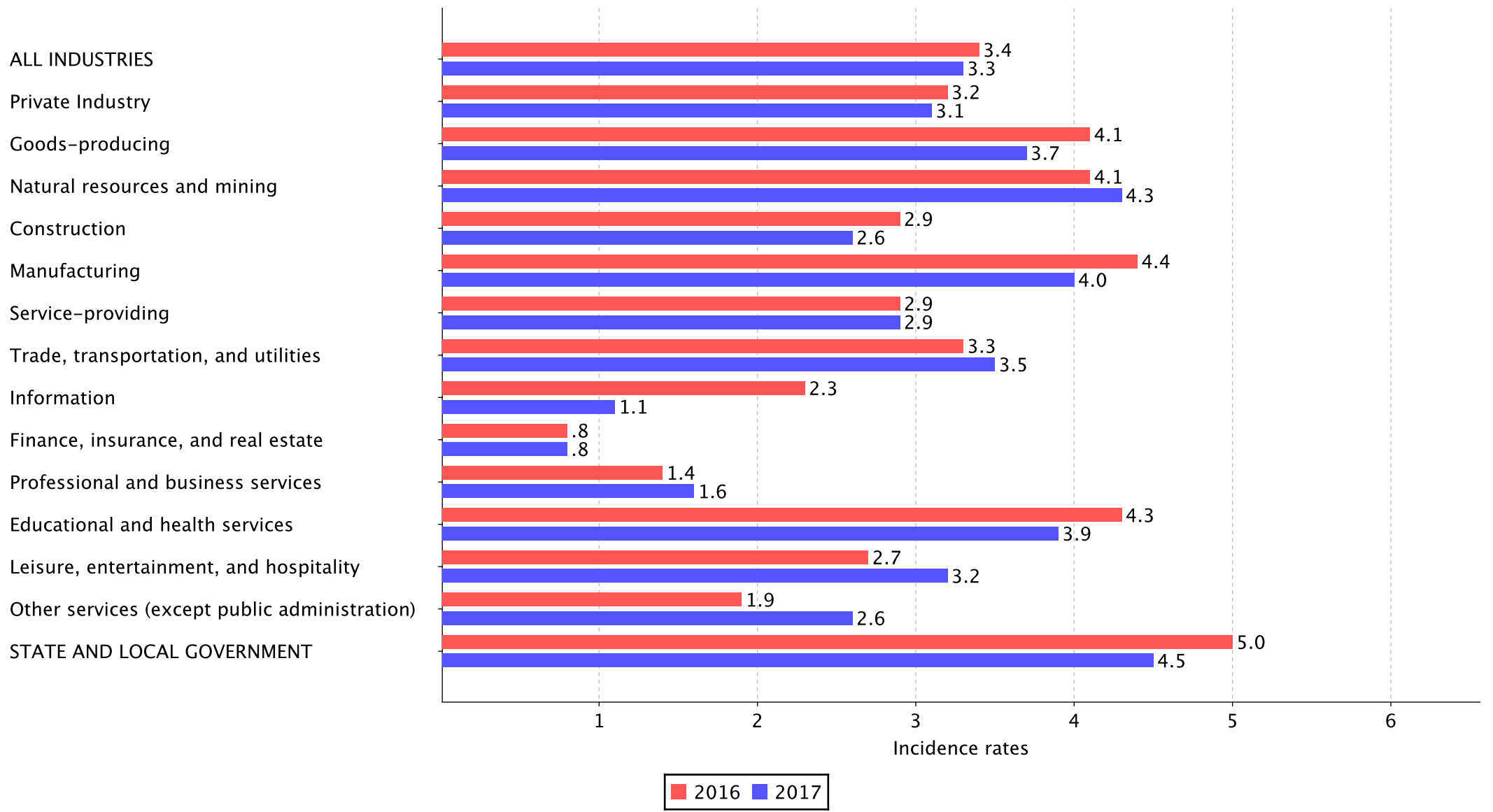
Incidence rates of injuries and illnesses by major occupation categories, private industry, Kentucky, 2017



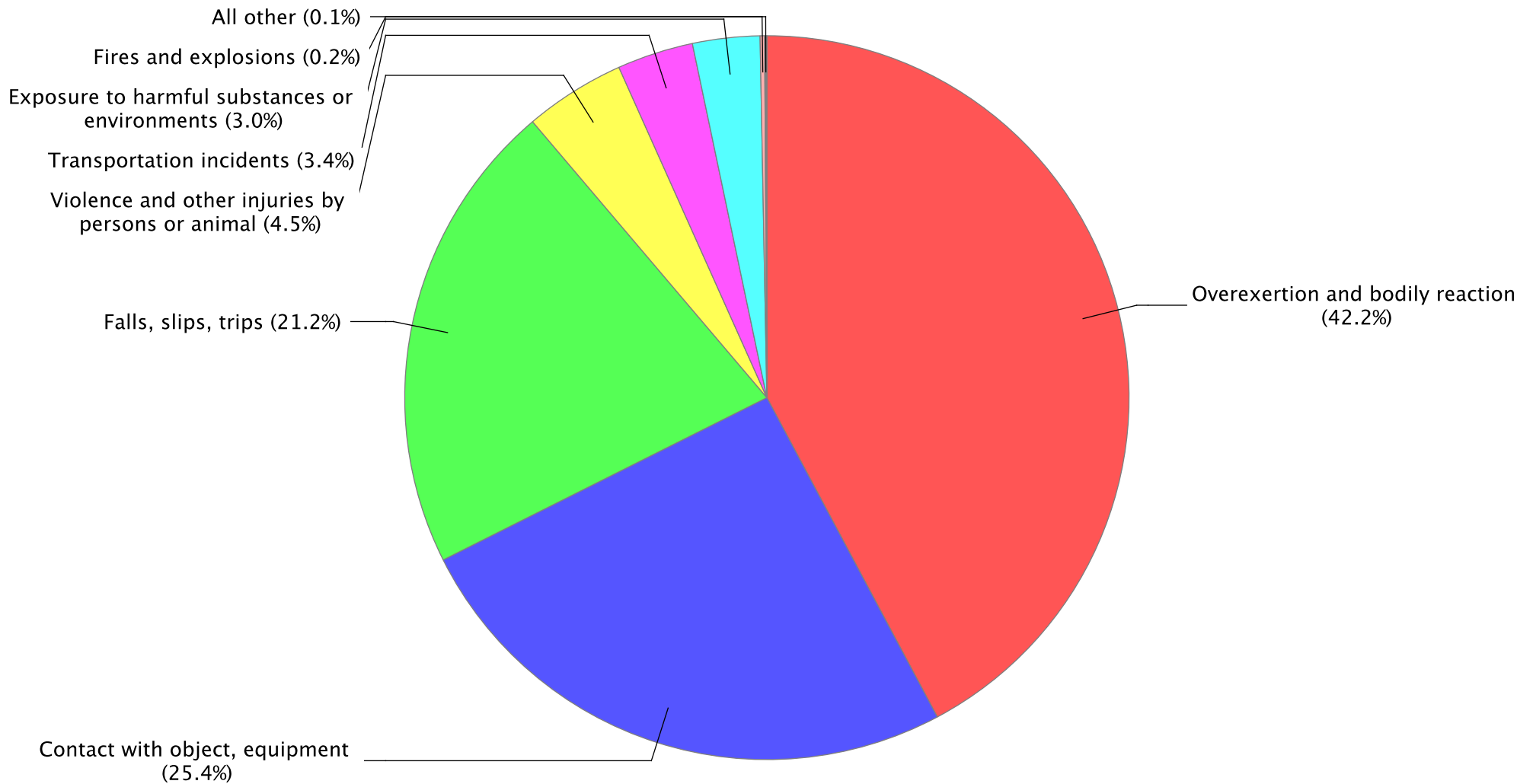
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]



Incidence rates per 100 full-time workers for total nonfatal occupational injuries and illnesses by major industry sector, Kentucky, 2016 & 2017  
 [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

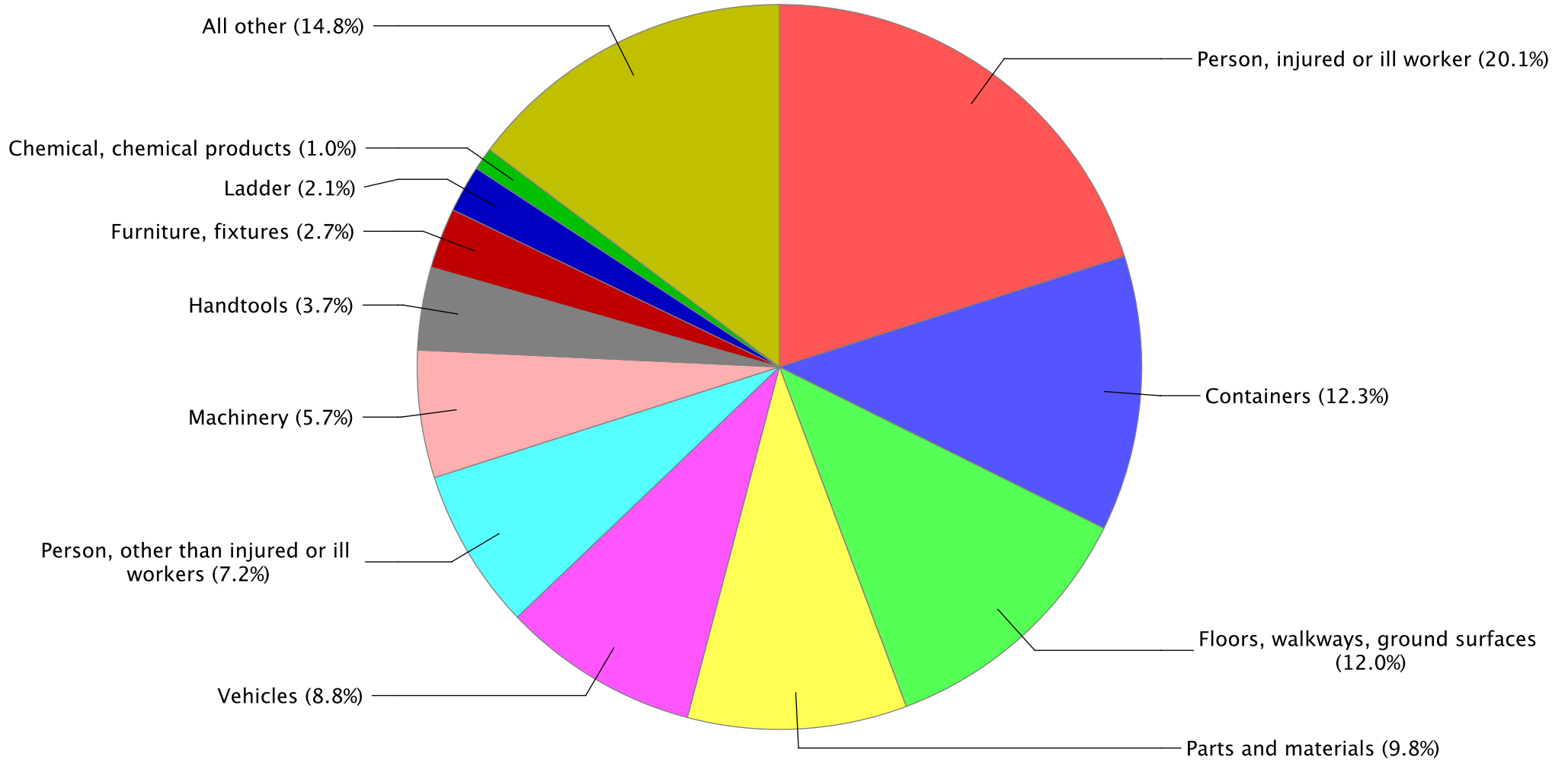


Distribution of injuries and illnesses by event or exposure, private industry, Kentucky, 2017  
[Total Cases = 11,670]



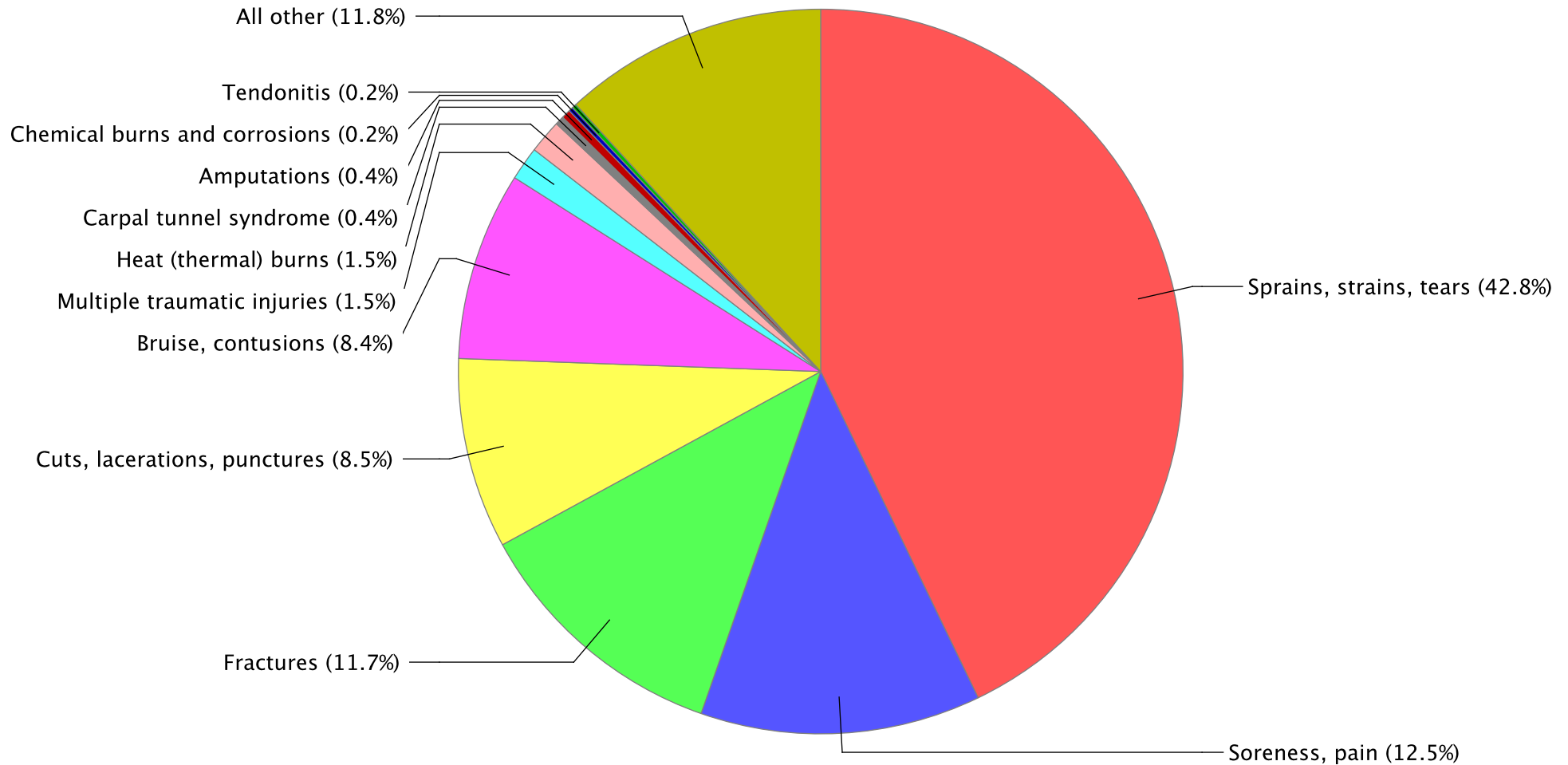
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

Distribution of injuries and illnesses by source, private industry, Kentucky, 2017  
[Total Cases = 11,670 ]



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

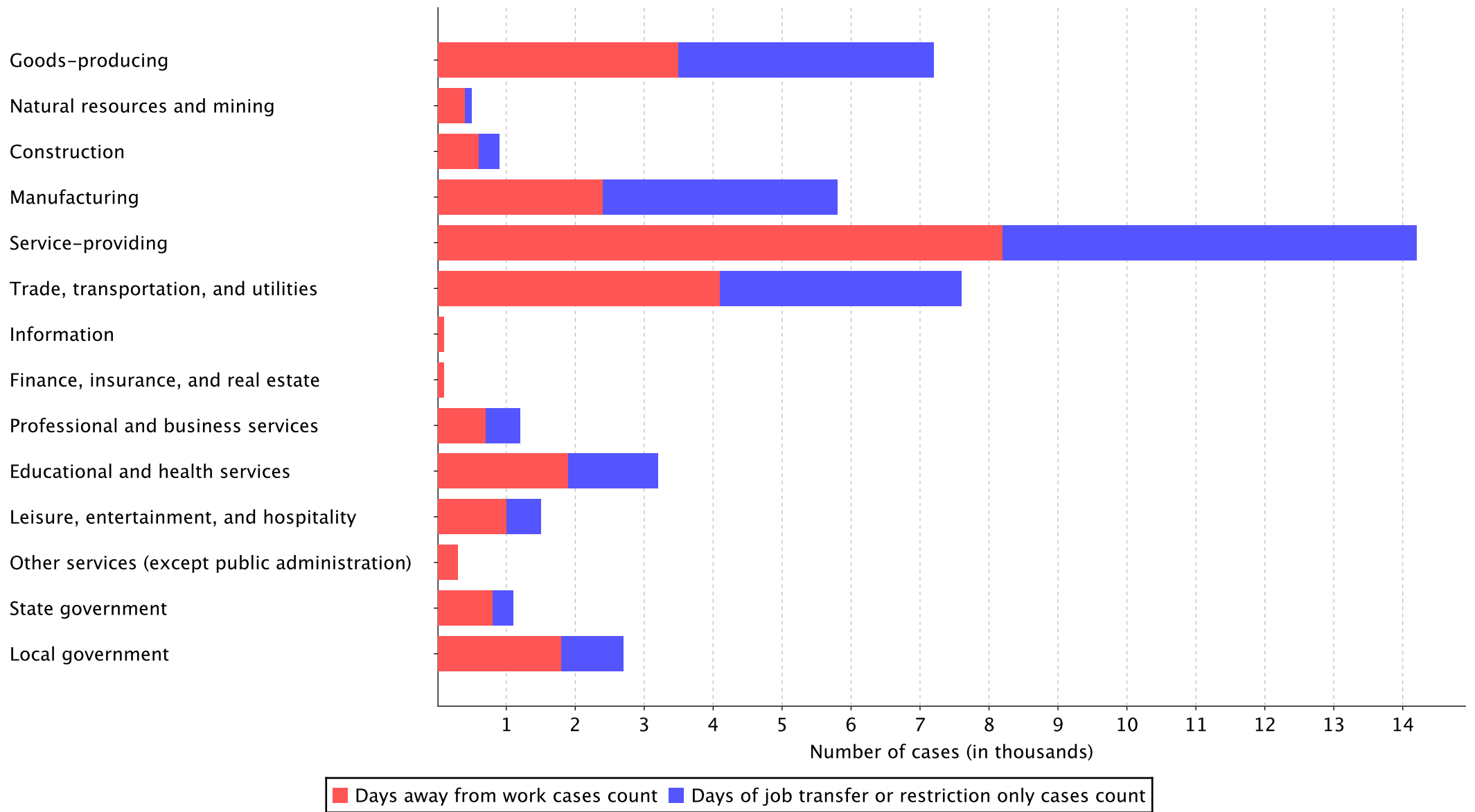
Distribution of injuries and illnesses by nature, private industry, Kentucky, 2017  
[Total Cases = 11,670]



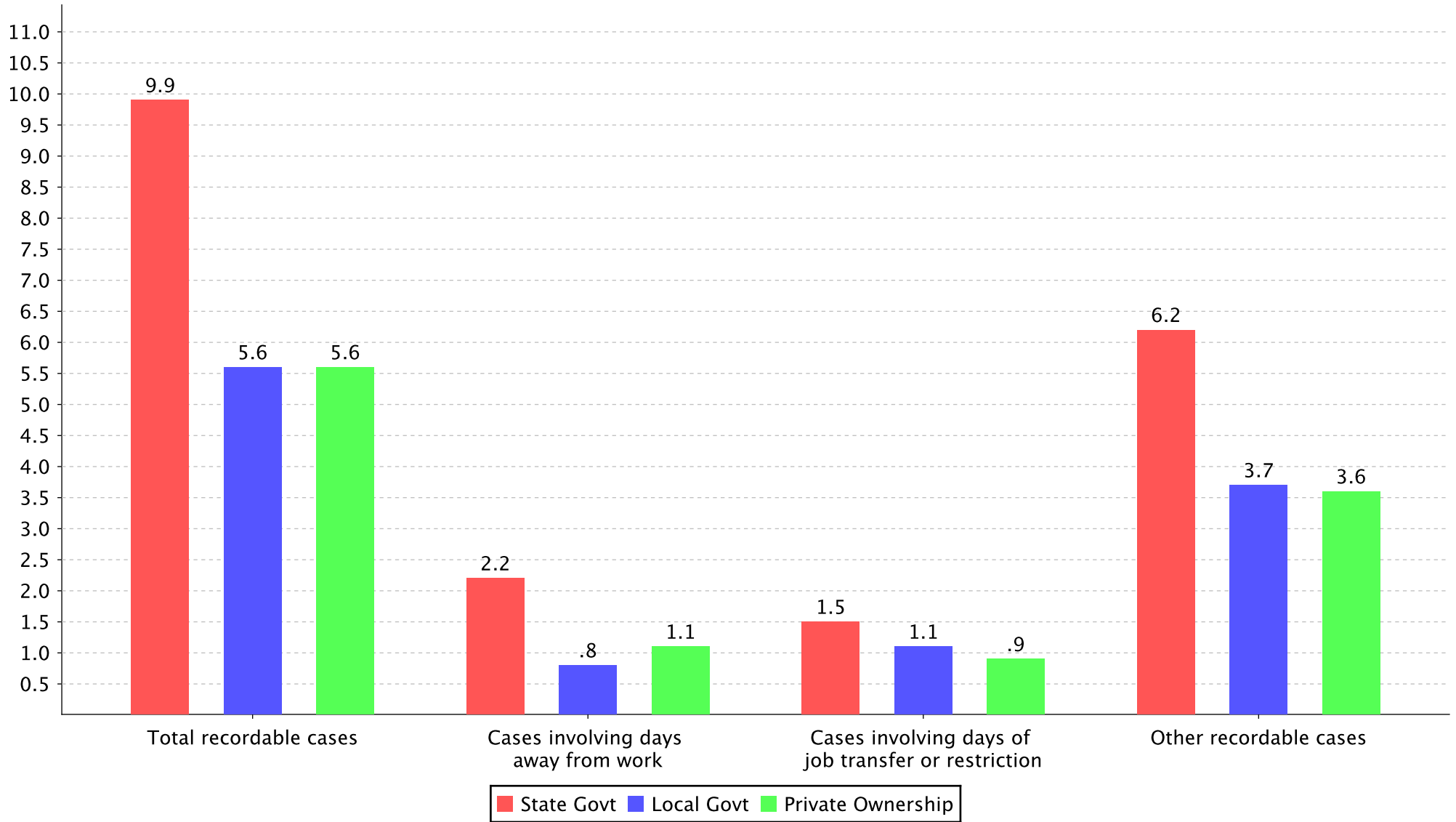
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

Number of nonfatal occupational injury and illness cases with days away from work, job transfer, or restriction by private industry sector, state government, and local government, Kentucky, 2017

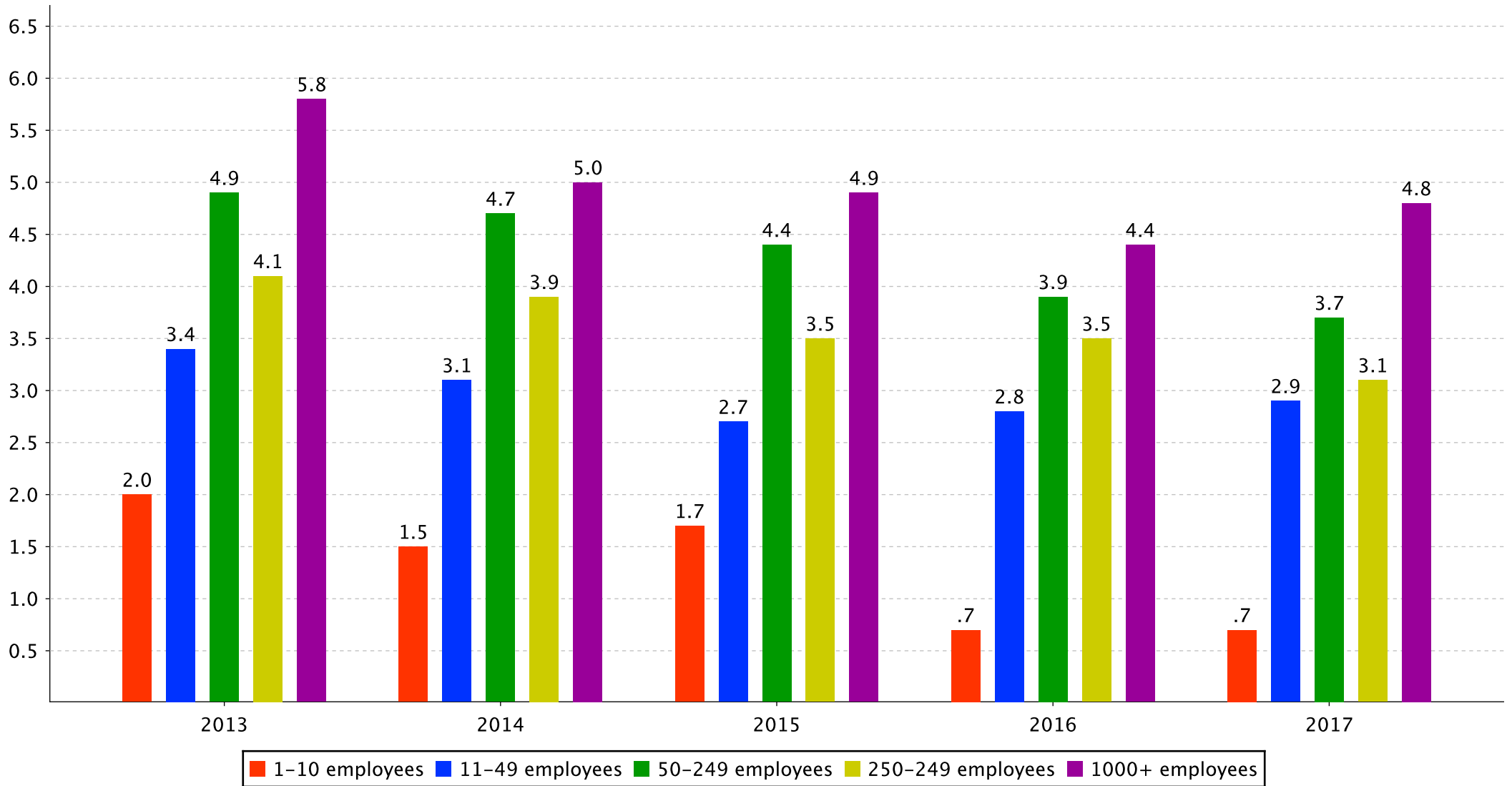
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]



Incidence rates of occupational injuries and illnesses in hospitals (NAICS 622) by ownership and case type, Kentucky, 2017  
 [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]



Incidence rates of occupational injuries and illnesses by size class, Kentucky, 2012–2017  
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]



**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2017**

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>		3.3	1.6	0.9	0.7	1.6
<b>Private industry<sup>5</sup></b>		3.1	1.6	0.9	0.7	1.5
<b>Goods-producing<sup>5</sup></b>		3.7	2.1	1.0	1.1	1.6
<b>Natural resources and mining<sup>5,6</sup></b>		4.3	2.5	2.2	0.3	1.8
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		6.2	3.2	2.6	0.6	3.1
Animal production and aquaculture <sup>5</sup>	112	9.2	4.9	4.6	--	4.2
Support activities for agriculture and forestry	115	5.2	3.0	2.2	0.8	2.3
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		3.2	2.1	2.0	0.2	1.1
Mining (except oil and gas) <sup>7</sup>	212	3.7	2.5	2.3	0.2	1.2
<b>Construction</b>		2.6	1.3	0.9	0.4	1.3
<b>Construction</b>		2.6	1.3	0.9	0.4	1.3
Construction of buildings	236	1.8	0.7	0.4	0.2	1.2
Heavy and civil engineering construction	237	1.9	1.0	0.8	0.2	0.8
Specialty trade contractors	238	3.0	1.5	1.1	0.5	1.5
<b>Manufacturing</b>		4.0	2.3	1.0	1.3	1.7
<b>Manufacturing</b>		4.0	2.3	1.0	1.3	1.7
Food manufacturing	311	3.4	2.2	0.7	1.5	1.1
Beverage and tobacco product manufacturing	312	3.4	2.0	1.4	0.6	1.4
Wood product manufacturing	321	8.1	4.7	3.4	1.3	3.4
Paper manufacturing	322	3.1	1.0	0.6	0.5	2.1
Printing and related support activities	323	2.7	1.8	1.2	0.6	0.9
Chemical manufacturing	325	2.1	1.2	0.5	0.6	0.9



Plastics and rubber products manufacturing	326	3.5	1.8	0.6	1.1	1.7
Nonmetallic mineral product manufacturing	327	3.4	1.2	0.5	0.7	2.2
Primary metal manufacturing	331	2.4	1.6	0.6	1.0	0.9
Fabricated metal product manufacturing	332	4.4	2.4	1.0	1.3	2.0
Machinery manufacturing	333	3.3	1.6	0.7	0.9	1.7
Computer and electronic product manufacturing	334	1.4	1.2	0.7	0.6	--
Transportation equipment manufacturing	336	5.5	3.3	1.1	2.2	2.2
Furniture and related product manufacturing	337	2.6	1.2	0.5	0.7	1.4
Miscellaneous manufacturing	339	2.1	0.8	0.5	--	1.3
<b>Service-providing</b>		2.9	1.4	0.8	0.6	1.4
<b>Trade, transportation, and utilities<sup>8</sup></b>		3.5	2.2	1.2	1.0	1.3
<b>Wholesale trade</b>		4.4	3.0	1.2	1.7	1.5
Merchant wholesalers, durable goods	423	3.5	1.9	1.2	0.7	1.6
Merchant wholesalers, nondurable goods	424	6.9	5.2	1.6	3.5	1.7
<b>Retail trade</b>		2.7	1.6	0.9	0.7	1.1
Motor vehicle and parts dealers	441	2.8	1.6	1.2	0.3	1.2
Building material and garden equipment and supplies dealers	444	4.8	3.9	2.4	1.4	0.9
Food and beverage stores	445	3.8	2.6	1.8	0.8	1.2
General merchandise stores	452	3.4	1.9	0.6	1.3	1.5
Miscellaneous store retailers	453	--	--	--	--	--
<b>Transportation and warehousing<sup>8</sup></b>		4.3	2.9	1.7	1.2	1.5
Truck transportation	484	3.8	2.3	1.9	0.4	1.5
Warehousing and storage	493	3.7	2.9	2.1	0.8	0.8
<b>Utilities</b>		1.8	1.1	0.7	0.4	0.7
Utilities	221	1.8	1.1	0.7	0.4	0.7
<b>Information</b>		1.1	0.6	0.4	0.2	0.5
<b>Information</b>		1.1	0.6	0.4	0.2	0.5
<b>Finance, insurance, and real estate</b>		0.8	0.2	0.1	--	0.6
<b>Finance and insurance</b>		0.3	( <sup>9</sup> )	( <sup>9</sup> )	--	0.3
<b>Real estate and rental and leasing</b>		2.7	0.8	0.5	--	1.9
<b>Professional and business services</b>		1.6	0.7	0.4	0.3	0.9

<b>Professional, scientific, and technical services</b>		0.7	0.2	0.2	--	0.4
<b>Management of companies and enterprises</b>		1.4	0.5	0.3	0.1	1.0
<b>Administrative and support and waste management and remediation services</b>		2.3	1.1	0.6	0.5	1.1
Administrative and support services	561	2.1	1.0	0.6	0.4	1.1
Waste management and remediation services	562	5.2	3.9	1.3	--	1.3
<b>Educational and health services</b>		3.9	1.6	0.9	0.7	2.3
<b>Educational services</b>		1.2	0.3	0.2	--	0.9
<b>Health care and social assistance</b>		4.1	1.7	1.0	0.7	2.4
Ambulatory health care services	621	2.1	0.5	0.3	0.2	1.6
Hospitals	622	5.6	2.0	1.1	0.9	3.6
Nursing and residential care facilities	623	6.8	4.0	2.3	1.7	2.7
Social assistance	624	1.9	0.9	0.6	0.3	1.0
<b>Leisure, entertainment, and hospitality</b>		3.2	1.3	0.9	0.4	2.0
<b>Arts, entertainment, and recreation</b>		10.2	4.9	3.4	--	--
<b>Accommodation and food services</b>		2.4	0.8	0.6	0.2	1.6
Accommodation	721	2.4	1.1	0.8	0.3	1.3
Food services and drinking places	722	2.4	0.8	0.5	0.2	1.6
<b>Other services (except public administration)</b>		2.6	0.8	0.7	0.1	1.8
<b>Other services (except public administration)</b>		2.6	0.8	0.7	0.1	1.8
Repair and maintenance	811	4.2	1.0	0.9	--	3.2
<b>State and local government<sup>5</sup></b>		4.5	1.9	1.3	0.6	2.6
<b>State government<sup>5</sup></b>		3.1	1.5	1.1	0.4	1.6
<b>Service-providing</b>		3.1	1.5	1.1	0.4	1.6
<b>Educational and health services</b>		3.5	1.6	1.1	0.5	1.9
<b>Educational services</b>		Page 22	2.1	1.0	0.6	1.1

Educational services	611	2.1	1.0	0.6	0.4	1.1
<b>Health care and social assistance</b>		6.3	2.9	2.0	0.9	3.4
Hospitals	622	9.9	3.7	2.2	1.5	6.2
Nursing and residential care facilities	623	5.5	4.3	3.3	1.0	1.2
<b>Public administration</b>		2.4	1.2	1.2	0.1	1.1
<b>Public administration</b>		2.4	1.2	1.2	0.1	1.1
Executive, legislative, and other general government support	921	1.5	0.5	0.5	--	1.0
Justice, public order, and safety activities	922	2.9	1.5	1.5	--	1.4
<b>Local government<sup>5</sup></b>		5.3	2.1	1.4	0.7	3.2
<b>Service-providing</b>		5.3	2.1	1.4	0.7	3.2
<b>Trade, transportation, and utilities<sup>8</sup></b>		--	--	--	--	--
<b>Utilities</b>		4.2	2.9	0.7	2.2	1.2
Utilities	221	4.2	2.9	0.7	2.2	1.2
<b>Educational and health services</b>		4.9	1.5	1.0	0.6	3.4
<b>Educational services</b>		4.9	1.5	0.9	0.6	3.4
Educational services	611	4.9	1.5	0.9	0.6	3.4
<b>Health care and social assistance</b>		5.5	2.5	1.7	0.7	3.1
Hospitals	622	5.6	2.0	0.8	1.1	3.7
Nursing and residential care facilities	623	--	--	--	--	--
<b>Public administration</b>		6.2	3.0	2.1	0.9	3.3
<b>Public administration</b>		6.2	3.0	2.1	0.9	3.3

<sup>1</sup> Incidence rates represent the number of injuries and/or illnesses per 100 full-time workers and were calculated as:  $(N / EH) \times 200,000$  where,

N	=	number of injuries and/or 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).

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

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<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 OSHA 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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in 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 in cooperation with participating state agencies, February 18, 2019

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</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>3</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>4</sup></b>		50.1	25.1	14.2	10.8	25.0
<b>Private industry<sup>4</sup></b>		41.2	21.3	11.7	9.7	19.9
<b>Goods-producing<sup>4</sup></b>		12.8	7.2	3.5	3.7	5.6
<b>Natural resources and mining<sup>4,5</sup></b>		0.8	0.5	0.4	0.1	0.3
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		0.4	0.2	0.2	( <sup>8</sup> )	0.2
Animal production and aquaculture <sup>4</sup>	112	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Support activities for agriculture and forestry	115	0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		0.4	0.3	0.2	( <sup>8</sup> )	0.1
Mining (except oil and gas) <sup>6</sup>	212	0.4	0.3	0.2	( <sup>8</sup> )	0.1
<b>Construction</b>		1.8	0.9	0.6	0.3	0.9
<b>Construction</b>		1.8	0.9	0.6	0.3	0.9
Construction of buildings	236	0.3	0.1	0.1	( <sup>8</sup> )	0.2
Heavy and civil engineering construction	237	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Specialty trade contractors	238	1.3	0.7	0.5	0.2	0.7
<b>Manufacturing</b>		10.2	5.8	2.4	3.4	4.4
<b>Manufacturing</b>		10.2	5.8	2.4	3.4	4.4
Food manufacturing	311	1.0	0.7	0.2	0.4	0.3
Beverage and tobacco product manufacturing	312	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Wood product manufacturing	321	0.8	0.5	0.3	0.1	0.4
Paper manufacturing	322	0.3	0.1	0.1	( <sup>8</sup> )	0.2
Printing and related support activities	323	0.2	0.2	0.1	0.1	0.1
Chemical manufacturing	325	0.3	0.1	0.1	0.1	0.1

Plastics and rubber products manufacturing	326	0.6	0.3	0.1	0.2	0.3
Nonmetallic mineral product manufacturing	327	0.2	0.1	( <sup>8</sup> )	0.1	0.2
Primary metal manufacturing	331	0.3	0.2	0.1	0.1	0.1
Fabricated metal product manufacturing	332	0.9	0.5	0.2	0.3	0.4
Machinery manufacturing	333	0.7	0.3	0.1	0.2	0.3
Computer and electronic product manufacturing	334	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Transportation equipment manufacturing	336	3.8	2.2	0.7	1.5	1.5
Furniture and related product manufacturing	337	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Miscellaneous manufacturing	339	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
<b>Service-providing</b>		28.4	14.1	8.2	6.0	14.2
<b>Trade, transportation, and utilities<sup>7</sup></b>		11.9	7.6	4.1	3.5	4.3
<b>Wholesale trade</b>		3.3	2.2	0.9	1.3	1.1
Merchant wholesalers, durable goods	423	1.3	0.7	0.4	0.3	0.6
Merchant wholesalers, nondurable goods	424	1.9	1.4	0.5	1.0	0.5
<b>Retail trade</b>		4.5	2.6	1.5	1.1	1.8
Motor vehicle and parts dealers	441	0.7	0.4	0.3	0.1	0.3
Building material and garden equipment and supplies dealers	444	0.7	0.6	0.4	0.2	0.1
Food and beverage stores	445	0.9	0.7	0.4	0.2	0.3
General merchandise stores	452	1.3	0.7	0.2	0.5	0.6
Miscellaneous store retailers	453	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		4.1	2.7	1.6	1.1	1.4
Truck transportation	484	1.0	0.6	0.5	0.1	0.4
Warehousing and storage	493	1.1	0.8	0.6	0.2	0.2
<b>Utilities</b>		0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Utilities	221	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Information</b>		0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Information</b>		0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Finance, insurance, and real estate</b>		0.7	0.2	0.1	--	0.5
<b>Finance and insurance</b>		0.2	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.2
<b>Real estate and rental and leasing</b>		0.5	0.1	0.1	--	0.3
<b>Professional and business services</b>		2.7	1.3	0.7	0.5	1.5

<b>Professional, scientific, and technical services</b>		0.4	0.1	0.1	--	0.3
<b>Management of companies and enterprises</b>		0.3	0.1	0.1	( <sup>8</sup> )	0.2
<b>Administrative and support and waste management and remediation services</b>		2.0	1.0	0.5	0.5	1.0
Administrative and support services	561	1.7	0.8	0.5	0.3	0.9
Waste management and remediation services	562	0.3	0.2	0.1	--	0.1
<b>Educational and health services</b>		7.9	3.2	1.9	1.3	4.7
<b>Educational services</b>		0.2	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
<b>Health care and social assistance</b>		7.7	3.2	1.8	1.3	4.6
Ambulatory health care services	621	1.4	0.3	0.2	0.1	1.1
Hospitals	622	3.6	1.3	0.7	0.6	2.3
Nursing and residential care facilities	623	2.3	1.4	0.8	0.6	0.9
Social assistance	624	0.5	0.2	0.1	0.1	0.3
<b>Leisure, entertainment, and hospitality</b>		3.9	1.5	1.0	0.5	2.4
<b>Arts, entertainment, and recreation</b>		1.3	0.6	0.4	--	--
<b>Accommodation and food services</b>		2.5	0.9	0.6	0.2	1.7
Accommodation	721	0.3	0.1	0.1	( <sup>8</sup> )	0.1
Food services and drinking places	722	2.3	0.7	0.5	0.2	1.6
<b>Other services (except public administration)</b>		1.0	0.3	0.3	( <sup>8</sup> )	0.7
<b>Other services (except public administration)</b>		1.0	0.3	0.3	( <sup>8</sup> )	0.7
Repair and maintenance	811	0.7	0.2	0.2	( <sup>8</sup> )	0.6
<b>State and local government<sup>4</sup></b>		8.9	3.7	2.6	1.2	5.2
<b>State government<sup>4</sup></b>		2.1	1.0	0.8	0.3	1.1
<b>Service-providing</b>		2.1	1.0	0.8	0.3	1.1
<b>Educational and health services</b>		1.5	0.7	0.5	0.2	0.8
<b>Educational services</b>		0.6	0.3	0.2	0.1	0.3

Educational services	611	0.6	0.3	0.2	0.1	0.3
<b>Health care and social assistance</b>		0.9	0.4	0.3	0.1	0.5
Hospitals	622	0.7	0.3	0.2	0.1	0.5
Nursing and residential care facilities	623	0.1	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )
<b>Public administration</b>		0.6	0.3	0.3	( <sup>8</sup> )	0.3
<b>Public administration</b>		0.6	0.3	0.3	( <sup>8</sup> )	0.3
Executive, legislative, and other general government support	921	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Justice, public order, and safety activities	922	0.3	0.2	0.2	( <sup>8</sup> )	0.1
<b>Local government<sup>4</sup></b>		6.8	2.7	1.8	0.9	4.0
<b>Service-providing</b>		6.7	2.7	1.8	0.9	4.0
<b>Trade, transportation, and utilities<sup>7</sup></b>		--	--	--	--	--
<b>Utilities</b>		0.2	0.1	( <sup>8</sup> )	0.1	0.1
Utilities	221	0.2	0.1	( <sup>8</sup> )	0.1	0.1
<b>Educational and health services</b>		3.7	1.2	0.7	0.4	2.5
<b>Educational services</b>		3.3	1.0	0.6	0.4	2.3
Educational services	611	3.3	1.0	0.6	0.4	2.3
<b>Health care and social assistance</b>		0.4	0.2	0.1	( <sup>8</sup> )	0.2
Hospitals	622	0.2	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Nursing and residential care facilities	623	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Public administration</b>		2.6	1.2	0.9	0.4	1.4
<b>Public administration</b>		2.6	1.2	0.9	0.4	1.4



<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Days-away-from-work cases include those that result in days away from work 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*, 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</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 in cooperation with participating state agencies, February 18, 2019

**Table 3. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry sector and employment size, Kentucky, 2017**

Industry sector <sup>2</sup>	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more
<b>All industries including state and local government<sup>3</sup></b>	3.3	0.6	3.0	3.7	3.5	4.7
<b>Private industry<sup>3</sup></b>	3.1	0.7	2.9	3.7	3.1	4.8
<b>Goods-producing<sup>3</sup></b>	3.7	--	3.6	4.5	2.9	5.5
<b>Natural resources and mining<sup>3,4</sup></b>	4.3	0.5	4.1	6.2	4.5	--
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	6.2	--	6.5	8.2	--	--
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	3.2	0.7	2.8	4.6	4.5	--
<b>Construction</b>	2.6	--	3.2	3.4	1.9	--
<b>Manufacturing</b>	4.0	--	3.9	4.6	2.9	5.5
<b>Service-providing</b>	2.9	0.6	2.8	3.4	3.3	4.3
<b>Trade, transportation, and utilities<sup>5</sup></b>	3.5	0.7	3.7	3.8	4.1	--
<b>Wholesale trade</b>	4.4	--	5.2	4.4	6.1	--
<b>Retail trade</b>	2.7	--	2.6	3.4	3.9	--
<b>Transportation and warehousing<sup>5</sup></b>	4.3	--	4.4	4.4	3.6	--
<b>Utilities</b>	1.8	--	--	2.1	--	--
<b>Information</b>	1.1	--	--	1.9	--	--
<b>Finance, insurance, and real estate</b>	0.8	--	1.3	--	1.3	--
<b>Finance and insurance</b>	0.3	--	--	--	0.3	--
<b>Real estate and rental and leasing</b>	2.7	--	--	1.7	2.9	--
<b>Professional and business services</b>	1.6	--	2.0	2.0	1.1	0.5
<b>Professional, scientific, and technical services</b>	0.7	--	--	1.1	0.3	--
<b>Management of companies and enterprises</b>	1.4	--	--	2.5	1.4	--
<b>Administrative and support and waste management and remediation services</b>	2.3	--	3.0	2.7	1.3	0.8
<b>Educational and health services</b>	3.9	--	1.7	5.3	5.0	5.3
<b>Educational services</b>	1.2	--	--	--	2.2	--
<b>Health care and social assistance</b>	4.1	--	1.8	5.6	5.6	5.5
<b>Leisure, entertainment, and hospitality</b>	3.2	--	3.6	3.2	4.8	--
<b>Arts, entertainment, and recreation</b>	10.2	--	--	2.9	5.0	--
<b>Accommodation and food services</b>	2.4	--	2.0	3.2	--	--
<b>Other services (except public administration)</b>	2.6	--	3.1	2.7	--	--
<b>Other services (except public administration)</b>	2.6	--	3.1	2.7	--	--
<b>State and local government<sup>3</sup></b>	4.5	--	3.4	4.6	5.5	4.6
<b>State government<sup>3</sup></b>	3.1	--	2.6	2.3	3.2	3.8
<b>Local government<sup>3</sup></b>	5.3	--	3.8	5.7	6.1	5.2

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  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> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries. □

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</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 in cooperation with participating state agencies, February 18, 2019

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Kentucky, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
<b>All industries including state and local government<sup>4</sup></b>		3.1	47.2
<b>Private industry<sup>4</sup></b>		2.9	38.9
<b>Goods-producing<sup>4</sup></b>		3.4	11.6
<b>Natural resources and mining<sup>4,5</sup></b>		4.1	0.8
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		6.0	0.4
Animal production and aquaculture <sup>4</sup>	112	8.9	0.2
Support activities for agriculture and forestry	115	4.9	0.2
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		3.2	0.4
Mining (except oil and gas) <sup>6</sup>	212	3.6	0.4
<b>Construction</b>		2.5	1.8
<b>Construction</b>		2.5	1.8
Construction of buildings	236	1.7	0.3
Heavy and civil engineering construction	237	1.9	0.2
Specialty trade contractors	238	2.9	1.3
<b>Manufacturing</b>		3.6	9.1
<b>Manufacturing</b>		3.6	9.1
Food manufacturing	311	3.0	0.9
Beverage and tobacco product manufacturing	312	3.4	0.2
Wood product manufacturing	321	7.6	0.8
Paper manufacturing	322	2.9	0.3
Printing and related support activities	323	2.6	0.2
Chemical manufacturing	325	1.9	0.2
Plastics and rubber products manufacturing	326	3.3	0.6

Nonmetallic mineral product manufacturing	327	3.4	0.2
Primary metal manufacturing	331	2.3	0.3
Fabricated metal product manufacturing	332	4.3	0.9
Machinery manufacturing	333	3.1	0.6
Computer and electronic product manufacturing	334	1.4	0.1
Transportation equipment manufacturing	336	4.4	3.0
Furniture and related product manufacturing	337	2.5	0.1
Miscellaneous manufacturing	339	2.1	0.1
<b>Service-providing</b>		2.8	27.3
<b>Trade, transportation, and utilities<sup>7</sup></b>		3.4	11.6
<b>Wholesale trade</b>		4.3	3.2
Merchant wholesalers, durable goods	423	3.5	1.3
Merchant wholesalers, nondurable goods	424	6.7	1.8
<b>Retail trade</b>		2.7	4.4
Motor vehicle and parts dealers	441	2.8	0.7
Building material and garden equipment and supplies dealers	444	4.7	0.7
Food and beverage stores	445	3.8	0.9
General merchandise stores	452	3.3	1.2
Miscellaneous store retailers	453	--	( <sup>8</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		4.2	3.9
Truck transportation	484	3.8	1.0
Warehousing and storage	493	3.6	1.1
<b>Utilities</b>		1.8	0.1
Utilities	221	1.8	0.1
<b>Information</b>		1.0	0.2
<b>Information</b>		1.0	0.2
<b>Finance, insurance, and real estate</b>		0.8	0.7
<b>Finance and insurance</b>		0.3	0.2
<b>Real estate and rental and leasing</b>		2.6	0.5
<b>Professional and business services</b>		1.5	2.7

<b>Professional, scientific, and technical services</b>		0.7	0.4
<b>Management of companies and enterprises</b>		1.4	0.3
<b>Administrative and support and waste management and remediation services</b>		2.2	1.9
Administrative and support services	561	2.0	1.7
Waste management and remediation services	562	5.0	0.3
<b>Educational and health services</b>		3.6	7.3
<b>Educational services</b>		1.2	0.2
<b>Health care and social assistance</b>		3.7	7.2
Ambulatory health care services	621	1.9	1.3
Hospitals	622	5.1	3.3
Nursing and residential care facilities	623	6.4	2.2
Social assistance	624	1.8	0.5
<b>Leisure, entertainment, and hospitality</b>		3.2	3.8
<b>Arts, entertainment, and recreation</b>		10.1	1.3
<b>Accommodation and food services</b>		2.3	2.5
Accommodation	721	2.3	0.3
Food services and drinking places	722	2.4	2.2
<b>Other services (except public administration)</b>		2.6	1.0
<b>Other services (except public administration)</b>		2.6	1.0
Repair and maintenance	811	4.2	0.7
<b>State and local government<sup>4</sup></b>		4.2	8.3
<b>State government<sup>4</sup></b>		3.0	2.1
<b>Service-providing</b>		3.0	2.1
<b>Educational and health services</b>		3.4	1.5
<b>Educational services</b>		2.1	0.6
Educational services	611	2.1	0.6

<b>Health care and social assistance</b>		6.3	0.9
Hospitals	622	9.8	0.7
Nursing and residential care facilities	623	5.4	0.1
<b>Public administration</b>		2.2	0.5
<b>Public administration</b>		2.2	0.5
Executive, legislative, and other general government support	921	1.5	0.1
Justice, public order, and safety activities	922	2.6	0.3
<b>Local government<sup>4</sup></b>		4.8	6.2
<b>Service-providing</b>		4.8	6.2
<b>Trade, transportation, and utilities<sup>7</sup></b>		--	--
<b>Utilities</b>		3.9	0.2
Utilities	221	3.9	0.2
<b>Educational and health services</b>		4.6	3.4
<b>Educational services</b>		4.5	3.1
Educational services	611	4.5	3.1
<b>Health care and social assistance</b>		5.4	0.3
Hospitals	622	5.4	0.2
Nursing and residential care facilities	623	--	( <sup>8</sup> )
<b>Public administration</b>		5.6	2.3
<b>Public administration</b>		5.6	2.3

<sup>1</sup> Incidence rates represent the number of injuries per 100 full-time workers and were calculated as:

$(N/EH) \times 200,000$  where

N = number of injuries

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> *North American Industry Classification System* -- United States, 2012.

<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*, 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>6</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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</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 in cooperation with participating state agencies, February 18, 2019



Table 5. Incidence rates<sup>1</sup> and numbers of nonfatal occupational illnesses by industry sector and category of illness, Kentucky, 2017

Industry sector <sup>2</sup>	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
	Incidence rates per 10,000 full-time workers <sup>1</sup>						Numbers of illnesses in thousands					
<b>All industries including state and local government<sup>3</sup></b>	19.0	1.9	1.0	--	2.2	13.9	2.9	0.3	0.2	( <sup>6</sup> )	0.3	2.1
<b>Private industry<sup>3</sup></b>	17.1	1.4	0.5	--	2.4	12.8	2.3	0.2	0.1	( <sup>6</sup> )	0.3	1.7
<b>Goods-producing<sup>3</sup></b>	34.8	2.4	0.5	--	8.0	23.9	1.2	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.3	0.8
<b>Natural resources and mining<sup>3,4</sup></b>	13.4	--	--	--	--	--	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	26.6	--	--	--	--	--	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Construction</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Manufacturing</b>	44.5	2.7	--	--	10.9	30.3	1.1	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.3	0.8
<b>Service-providing</b>	11.0	1.0	0.6	--	0.4	8.9	1.1	0.1	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.9
<b>Trade, transportation, and utilities<sup>5</sup></b>	9.3	0.5	--	--	1.2	7.0	0.3	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	0.2
<b>Wholesale trade</b>	10.3	--	--	--	--	6.4	0.1	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Retail trade</b>	4.3	1.1	--	--	--	2.7	0.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--	( <sup>6</sup> )
<b>Transportation and warehousing<sup>5</sup></b>	17.7	--	--	--	2.3	15.4	0.2	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	0.1
<b>Utilities</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--	( <sup>6</sup> )
<b>Information</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Finance, insurance, and real estate</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Finance and insurance</b>	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Real estate and rental and leasing</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Professional and business services</b>	4.8	1.0	1.1	--	--	2.7	0.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Professional, scientific, and technical services</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Management of companies and enterprises</b>	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Administrative and support and waste management and remediation services</b>	8.6	2.0	1.8	--	--	4.8	0.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Educational and health services</b>	28.9	2.4	--	--	--	25.8	0.6	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	0.5
<b>Educational services</b>	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Health care and social assistance</b>	30.6	2.6	--	--	--	27.4	0.6	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	0.5
<b>Leisure, entertainment, and hospitality</b>	5.1	--	--	--	--	4.4	0.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	0.1
<b>Arts, entertainment, and recreation</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Accommodation and food services</b>	4.7	--	--	--	--	4.1	0.1	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Other services (except public administration)</b>	--	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Other services (except public administration)</b>	--	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>State and local government<sup>3</sup></b>	32.0	5.1	4.3	--	0.8	21.5	0.6	0.1	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.4
<b>State government<sup>3</sup></b>	8.2	2.4	--	--	--	3.6	0.1	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Local government<sup>3</sup></b>	44.9	6.5	5.5	--	1.3	31.2	0.6	0.1	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.4

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where:

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Sector 21 in the *North American Industry Classification System Manual*, 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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</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 in cooperation with participating state agencies, February 18, 2019

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2017**

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>		3.3	1.6	0.9	0.7	1.6
<b>Private industry<sup>5</sup></b>		3.1	1.6	0.9	0.7	1.5
<b>Goods-producing<sup>5</sup></b>		3.7	2.1	1.0	1.1	1.6
<b>Natural resources and mining<sup>5,6</sup></b>		4.3	2.5	2.2	0.3	1.8
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		6.2	3.2	2.6	0.6	3.1
Animal production and aquaculture <sup>5</sup>	112	9.2	4.9	4.6	--	4.2
Support activities for agriculture and forestry	115	5.2	3.0	2.2	0.8	2.3
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		3.2	2.1	2.0	0.2	1.1
Mining (except oil and gas) <sup>7</sup>	212	3.7	2.5	2.3	0.2	1.2
<b>Construction</b>		2.6	1.3	0.9	0.4	1.3
<b>Construction</b>		2.6	1.3	0.9	0.4	1.3
Construction of buildings	236	1.8	0.7	0.4	0.2	1.2
Residential building construction	2361	1.7	--	--	--	1.7
Nonresidential building construction	2362	1.9	1.0	0.6	0.4	0.9
Heavy and civil engineering construction	237	1.9	1.0	0.8	0.2	0.8
Highway, street, and bridge construction	2373	3.0	1.1	0.8	--	1.9
Specialty trade contractors	238	3.0	1.5	1.1	0.5	1.5
Foundation, structure, and building exterior contractors	2381	1.7	1.0	1.0	--	0.7
Building equipment contractors	2382	3.1	1.4	0.9	0.5	1.7
Electrical contractors and other wiring installation contractors	23821	3.0	1.1	0.5	--	1.9
Plumbing, heating, and air-conditioning contractors	23822	3.5	1.7	1.2	0.6	1.7
Building finishing contractors	2383	3.4	2.3	1.6	--	1.1
Other specialty trade contractors	2389	3.7	2.0	1.4	--	1.7
<b>Manufacturing</b>		4.0	2.3	1.0	1.3	1.7

<b>Manufacturing</b>		4.0	2.3	1.0	1.3	1.7
Food manufacturing	311	3.4	2.2	0.7	1.5	1.1
Fruit and vegetable preserving and specialty food manufacturing	3114	2.7	2.2	0.6	1.7	--
Animal slaughtering and processing	3116	3.7	2.5	0.6	1.9	1.2
Animal slaughtering and processing	31161	3.7	2.5	0.6	1.9	1.2
Poultry processing	311615	2.9	2.1	0.3	1.8	0.8
Bakeries and tortilla manufacturing	3118	1.5	1.2	0.4	0.8	0.3
Beverage and tobacco product manufacturing	312	3.4	2.0	1.4	0.6	1.4
Beverage manufacturing	3121	3.2	1.7	1.1	0.6	1.6
Wood product manufacturing	321	8.1	4.7	3.4	1.3	3.4
Sawmills and wood preservation	3211	6.4	5.2	5.1	--	--
Sawmills and wood preservation	32111	6.4	5.2	5.1	--	--
Sawmills	321113	6.8	5.6	5.5	--	--
Other wood product manufacturing	3219	8.8	4.2	2.8	1.4	4.6
Millwork	32191	4.5	2.6	1.1	1.4	1.9
Cut stock, resawing lumber, and planing	321912	4.1	--	--	--	2.9
Paper manufacturing	322	3.1	1.0	0.6	0.5	2.1
Converted paper product manufacturing	3222	3.5	1.1	0.6	0.5	2.4
Paperboard container manufacturing	32221	2.7	1.3	0.7	0.6	1.4
Printing and related support activities	323	2.7	1.8	1.2	0.6	0.9
Printing and related support activities	3231	2.7	1.8	1.2	0.6	0.9
Printing	32311	2.7	1.8	1.2	0.6	0.9
Commercial printing (except screen and books)	323111	2.7	2.0	1.2	0.7	0.7
Chemical manufacturing	325	2.1	1.2	0.5	0.6	0.9
Basic chemical manufacturing	3251	3.3	2.4	1.3	1.0	0.9
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	1.3	1.2	0.7	0.5	--
Plastics and rubber products manufacturing	326	3.5	1.8	0.6	1.1	1.7
Plastics product manufacturing	3261	3.5	1.8	0.6	1.2	1.8
Rubber product manufacturing	3262	3.2	1.9	0.9	0.9	1.4
Nonmetallic mineral product manufacturing	327	3.4	1.2	0.5	0.7	2.2
Primary metal manufacturing	331	2.4	1.6	0.6	1.0	0.9
Alumina and aluminum production and processing	3313	1.1	0.8	--	0.6	0.4
Fabricated metal product manufacturing	332	4.4	2.4	1.0	1.3	2.0
Forging and stamping	3321	6.7	4.4	1.4	3.1	2.2
Architectural and structural metals manufacturing	3323	5.0	2.7	1.6	1.1	2.4
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	2.4	1.0	0.6	0.4	1.4
Coating, engraving, heat treating, and allied activities	3328	5.6	4.1	1.6	2.5	1.5
Machinery manufacturing	333	3.3	1.6	0.7	0.9	1.7
Agriculture, construction, and mining machinery manufacturing	3331	3.5	2.0	1.1	0.9	1.5
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	4.3	1.9	0.8	1.1	2.4
Metalworking machinery manufacturing	3335	4.0	1.6	0.9	0.6	2.4
Other general purpose machinery manufacturing	3339	2.4	1.5	0.4	1.1	0.9
Material handling equipment manufacturing	33392	2.5	1.3	--	0.9	1.2

Computer and electronic product manufacturing	334	1.4	1.2	0.7	0.6	--
Transportation equipment manufacturing	336	5.5	3.3	1.1	2.2	2.2
Motor vehicle parts manufacturing	3363	--	--	--	--	--
Motor vehicle seating and interior trim manufacturing	33636	4.8	3.5	1.1	2.3	1.3
Motor vehicle metal stamping	33637	4.5	2.8	1.2	1.6	1.7
Other motor vehicle parts manufacturing	33639	4.0	2.3	1.1	1.2	1.7
Aerospace product and parts manufacturing	3364	1.8	0.8	--	--	1.0
Furniture and related product manufacturing	337	2.6	1.2	0.5	0.7	1.4
Miscellaneous manufacturing	339	2.1	0.8	0.5	--	1.3
<b>Service-providing</b>		2.9	1.4	0.8	0.6	1.4
<b>Trade, transportation, and utilities<sup>8</sup></b>		3.5	2.2	1.2	1.0	1.3
<b>Wholesale trade</b>		4.4	3.0	1.2	1.7	1.5
Merchant wholesalers, durable goods	423	3.5	1.9	1.2	0.7	1.6
Merchant wholesalers, nondurable goods	424	6.9	5.2	1.6	3.5	1.7
<b>Retail trade</b>		2.7	1.6	0.9	0.7	1.1
Motor vehicle and parts dealers	441	2.8	1.6	1.2	0.3	1.2
Building material and garden equipment and supplies dealers	444	4.8	3.9	2.4	1.4	0.9
Building material and supplies dealers	4441	4.0	3.0	1.3	1.6	1.0
Home centers	44411	6.0	4.5	1.8	2.7	1.4
Food and beverage stores	445	3.8	2.6	1.8	0.8	1.2
Grocery stores	4451	3.7	2.4	1.6	0.8	1.4
Supermarkets and other grocery (except convenience) stores	44511	3.8	2.4	1.6	0.8	1.4
General merchandise stores	452	3.4	1.9	0.6	1.3	1.5
Miscellaneous store retailers	453	--	--	--	--	--
<b>Transportation and warehousing<sup>8</sup></b>		4.3	2.9	1.7	1.2	1.5
Truck transportation	484	3.8	2.3	1.9	0.4	1.5
Warehousing and storage	493	3.7	2.9	2.1	0.8	0.8
<b>Utilities</b>		1.8	1.1	0.7	0.4	0.7
Utilities	221	1.8	1.1	0.7	0.4	0.7
Electric power generation, transmission and distribution	2211	1.9	1.0	0.5	0.4	0.9
<b>Information</b>		1.1	0.6	0.4	0.2	0.5
<b>Information</b>		1.1	0.6	0.4	0.2	0.5
<b>Finance, insurance, and real estate</b>		0.8	0.2	0.1	--	0.6

<b>Finance and insurance</b>		0.3	( <sup>9</sup> )	( <sup>9</sup> )	--	0.3
<b>Real estate and rental and leasing</b>		2.7	0.8	0.5	--	1.9
<b>Professional and business services</b>		1.6	0.7	0.4	0.3	0.9
<b>Professional, scientific, and technical services</b>		0.7	0.2	0.2	--	0.4
<b>Management of companies and enterprises</b>		1.4	0.5	0.3	0.1	1.0
<b>Administrative and support and waste management and remediation services</b>		2.3	1.1	0.6	0.5	1.1
Administrative and support services	561	2.1	1.0	0.6	0.4	1.1
Investigation and security services	5616	1.0	0.4	0.3	--	0.6
Services to buildings and dwellings	5617	4.5	3.0	1.8	1.3	1.4
Waste management and remediation services	562	5.2	3.9	1.3	--	1.3
<b>Educational and health services</b>		3.9	1.6	0.9	0.7	2.3
<b>Educational services</b>		1.2	0.3	0.2	--	0.9
<b>Health care and social assistance</b>		4.1	1.7	1.0	0.7	2.4
Ambulatory health care services	621	2.1	0.5	0.3	0.2	1.6
Hospitals	622	5.6	2.0	1.1	0.9	3.6
Nursing and residential care facilities	623	6.8	4.0	2.3	1.7	2.7
Social assistance	624	1.9	0.9	0.6	0.3	1.0
<b>Leisure, entertainment, and hospitality</b>		3.2	1.3	0.9	0.4	2.0
<b>Arts, entertainment, and recreation</b>		10.2	4.9	3.4	--	--
<b>Accommodation and food services</b>		2.4	0.8	0.6	0.2	1.6
Accommodation	721	2.4	1.1	0.8	0.3	1.3
Food services and drinking places	722	2.4	0.8	0.5	0.2	1.6
<b>Other services (except public administration)</b>		2.6	0.8	0.7	0.1	1.8
<b>Other services (except public administration)</b>		2.6	0.8	0.7	0.1	1.8
Repair and maintenance	811	4.2	1.0	0.9	--	3.2
<b>State and local government<sup>5</sup></b>		4.5	1.9	1.3	0.6	2.6
<b>State government<sup>5</sup></b>		3.1	1.5	1.1	0.4	1.6

<b>Service-providing</b>		3.1	1.5	1.1	0.4	1.6
<b>Educational and health services</b>		3.5	1.6	1.1	0.5	1.9
<b>Educational services</b>		2.1	1.0	0.6	0.4	1.1
Educational services	611	2.1	1.0	0.6	0.4	1.1
Colleges, universities, and professional schools	6113	2.2	1.0	0.7	0.4	1.2
<b>Health care and social assistance</b>		6.3	2.9	2.0	0.9	3.4
Hospitals	622	9.9	3.7	2.2	1.5	6.2
Nursing and residential care facilities	623	5.5	4.3	3.3	1.0	1.2
<b>Public administration</b>		2.4	1.2	1.2	0.1	1.1
<b>Public administration</b>		2.4	1.2	1.2	0.1	1.1
Executive, legislative, and other general government support	921	1.5	0.5	0.5	--	1.0
Justice, public order, and safety activities	922	2.9	1.5	1.5	--	1.4
Justice, public order, and safety activities	9221	2.9	1.5	1.5	--	1.4
Police protection	92212	6.5	4.1	4.1	--	2.4
Correctional institutions	92214	4.6	2.1	2.0	--	2.5
<b>Local government<sup>5</sup></b>		5.3	2.1	1.4	0.7	3.2
<b>Service-providing</b>		5.3	2.1	1.4	0.7	3.2
<b>Trade, transportation, and utilities<sup>8</sup></b>		--	--	--	--	--
<b>Utilities</b>		4.2	2.9	0.7	2.2	1.2
Utilities	221	4.2	2.9	0.7	2.2	1.2
Water, sewage and other systems	2213	4.0	3.1	0.8	--	0.9
<b>Educational and health services</b>		4.9	1.5	1.0	0.6	3.4
<b>Educational services</b>		4.9	1.5	0.9	0.6	3.4
Educational services	611	4.9	1.5	0.9	0.6	3.4
Elementary and secondary schools	6111	4.9	1.5	0.9	0.6	3.4
<b>Health care and social assistance</b>		5.5	2.5	1.7	0.7	3.1
Hospitals	622	5.6	2.0	0.8	1.1	3.7
Nursing and residential care facilities	623	--	--	--	--	--

<b>Public administration</b>		6.2	3.0	2.1	0.9	3.3
<b>Public administration</b>		6.2	3.0	2.1	0.9	3.3

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  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> *North American Industry Classification System* -- United States, 2012.

<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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in 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 in cooperation with participating state agencies, February 18, 2019



**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</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>3</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>4</sup></b>		50.1	25.1	14.2	10.8	25.0
<b>Private industry<sup>4</sup></b>		41.2	21.3	11.7	9.7	19.9
<b>Goods-producing<sup>4</sup></b>		12.8	7.2	3.5	3.7	5.6
<b>Natural resources and mining<sup>4,5</sup></b>		0.8	0.5	0.4	0.1	0.3
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		0.4	0.2	0.2	( <sup>8</sup> )	0.2
Animal production and aquaculture <sup>4</sup>	112	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Support activities for agriculture and forestry	115	0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		0.4	0.3	0.2	( <sup>8</sup> )	0.1
Mining (except oil and gas) <sup>6</sup>	212	0.4	0.3	0.2	( <sup>8</sup> )	0.1
<b>Construction</b>		1.8	0.9	0.6	0.3	0.9
<b>Construction</b>		1.8	0.9	0.6	0.3	0.9
Construction of buildings	236	0.3	0.1	0.1	( <sup>8</sup> )	0.2
Residential building construction	2361	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Nonresidential building construction	2362	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Heavy and civil engineering construction	237	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Highway, street, and bridge construction	2373	0.1	( <sup>8</sup> )	( <sup>8</sup> )	--	0.1
Specialty trade contractors	238	1.3	0.7	0.5	0.2	0.7
Foundation, structure, and building exterior contractors	2381	0.1	0.1	0.1	--	0.1
Building equipment contractors	2382	0.8	0.4	0.2	0.1	0.4
Electrical contractors and other wiring installation contractors	23821	0.3	0.1	( <sup>8</sup> )	--	0.2
Plumbing, heating, and air-conditioning contractors	23822	0.5	0.2	0.2	0.1	0.2
Building finishing contractors	2383	0.2	0.1	0.1	--	0.1
Other specialty trade contractors	2389	0.2	0.1	0.1	--	0.1
<b>Manufacturing</b>		10.2	5.8	2.4	3.4	4.4

<b>Manufacturing</b>		10.2	5.8	2.4	3.4	4.4
Food manufacturing	311	1.0	0.7	0.2	0.4	0.3
Fruit and vegetable preserving and specialty food manufacturing	3114	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
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
Poultry processing	311615	0.2	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Bakeries and tortilla manufacturing	3118	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Beverage and tobacco product manufacturing	312	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Beverage manufacturing	3121	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Wood product manufacturing	321	0.8	0.5	0.3	0.1	0.4
Sawmills and wood preservation	3211	0.2	0.1	0.1	--	--
Sawmills and wood preservation	32111	0.2	0.1	0.1	--	--
Sawmills	321113	0.2	0.1	0.1	--	--
Other wood product manufacturing	3219	0.6	0.3	0.2	0.1	0.3
Millwork	32191	0.2	0.1	( <sup>8</sup> )	0.1	0.1
Cut stock, resawing lumber, and planing	321912	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Paper manufacturing	322	0.3	0.1	0.1	( <sup>8</sup> )	0.2
Converted paper product manufacturing	3222	0.3	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.2
Paperboard container manufacturing	32221	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Printing and related support activities	323	0.2	0.2	0.1	0.1	0.1
Printing and related support activities	3231	0.2	0.2	0.1	0.1	0.1
Printing	32311	0.2	0.2	0.1	0.1	0.1
Commercial printing (except screen and books)	323111	0.2	0.1	0.1	0.1	0.1
Chemical manufacturing	325	0.3	0.1	0.1	0.1	0.1
Basic chemical manufacturing	3251	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Plastics and rubber products manufacturing	326	0.6	0.3	0.1	0.2	0.3
Plastics product manufacturing	3261	0.5	0.3	0.1	0.2	0.3
Rubber product manufacturing	3262	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Nonmetallic mineral product manufacturing	327	0.2	0.1	( <sup>8</sup> )	0.1	0.2
Primary metal manufacturing	331	0.3	0.2	0.1	0.1	0.1
Alumina and aluminum production and processing	3313	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Fabricated metal product manufacturing	332	0.9	0.5	0.2	0.3	0.4
Forging and stamping	3321	0.2	0.2	( <sup>8</sup> )	0.1	0.1
Architectural and structural metals manufacturing	3323	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Coating, engraving, heat treating, and allied activities	3328	0.2	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Machinery manufacturing	333	0.7	0.3	0.1	0.2	0.3
Agriculture, construction, and mining machinery manufacturing	3331	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Metalworking machinery manufacturing	3335	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Other general purpose machinery manufacturing	3339	0.2	0.1	( <sup>8</sup> )	0.1	0.1
Material handling equipment manufacturing	33392	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )

Computer and electronic product manufacturing	334	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Transportation equipment manufacturing	336	3.8	2.2	0.7	1.5	1.5
Motor vehicle parts manufacturing	3363	--	--	--	--	--
Motor vehicle seating and interior trim manufacturing	33636	0.3	0.2	0.1	0.2	0.1
Motor vehicle metal stamping	33637	0.3	0.2	0.1	0.1	0.1
Other motor vehicle parts manufacturing	33639	0.3	0.2	0.1	0.1	0.1
Aerospace product and parts manufacturing	3364	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Furniture and related product manufacturing	337	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Miscellaneous manufacturing	339	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
<b>Service-providing</b>		28.4	14.1	8.2	6.0	14.2

<b>Wholesale trade</b>		3.3	2.2	0.9	1.3	1.1
Merchant wholesalers, durable goods	423	1.3	0.7	0.4	0.3	0.6
Merchant wholesalers, nondurable goods	424	1.9	1.4	0.5	1.0	0.5
<b>Retail trade</b>		4.5	2.6	1.5	1.1	1.8
Motor vehicle and parts dealers	441	0.7	0.4	0.3	0.1	0.3
Building material and garden equipment and supplies dealers	444	0.7	0.6	0.4	0.2	0.1
Building material and supplies dealers	4441	0.5	0.4	0.2	0.2	0.1
Home centers	44411	0.5	0.3	0.1	0.2	0.1
Food and beverage stores	445	0.9	0.7	0.4	0.2	0.3
Grocery stores	4451	0.8	0.5	0.3	0.2	0.3
Supermarkets and other grocery (except convenience) stores	44511	0.8	0.5	0.3	0.2	0.3
General merchandise stores	452	1.3	0.7	0.2	0.5	0.6
Miscellaneous store retailers	453	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		4.1	2.7	1.6	1.1	1.4
Truck transportation	484	1.0	0.6	0.5	0.1	0.4
Warehousing and storage	493	1.1	0.8	0.6	0.2	0.2
<b>Utilities</b>		0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Utilities	221	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Electric power generation, transmission and distribution	2211	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Information</b>		0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Information</b>		0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Finance, insurance, and real estate</b>		0.7	0.2	0.1	--	0.5

<b>Finance and insurance</b>		0.2	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.2
<b>Real estate and rental and leasing</b>		0.5	0.1	0.1	--	0.3
<b>Professional and business services</b>		2.7	1.3	0.7	0.5	1.5
<b>Professional, scientific, and technical services</b>		0.4	0.1	0.1	--	0.3
<b>Management of companies and enterprises</b>		0.3	0.1	0.1	( <sup>8</sup> )	0.2
<b>Administrative and support and waste management and remediation services</b>		2.0	1.0	0.5	0.5	1.0
Administrative and support services	561	1.7	0.8	0.5	0.3	0.9
Investigation and security services	5616	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Services to buildings and dwellings	5617	0.7	0.5	0.3	0.2	0.2
Waste management and remediation services	562	0.3	0.2	0.1	--	0.1
<b>Educational and health services</b>		7.9	3.2	1.9	1.3	4.7
<b>Educational services</b>		0.2	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
<b>Health care and social assistance</b>		7.7	3.2	1.8	1.3	4.6
Ambulatory health care services	621	1.4	0.3	0.2	0.1	1.1
Hospitals	622	3.6	1.3	0.7	0.6	2.3
Nursing and residential care facilities	623	2.3	1.4	0.8	0.6	0.9
Social assistance	624	0.5	0.2	0.1	0.1	0.3
<b>Leisure, entertainment, and hospitality</b>		3.9	1.5	1.0	0.5	2.4
<b>Arts, entertainment, and recreation</b>		1.3	0.6	0.4	--	--
<b>Accommodation and food services</b>		2.5	0.9	0.6	0.2	1.7
Accommodation	721	0.3	0.1	0.1	( <sup>8</sup> )	0.1
Food services and drinking places	722	2.3	0.7	0.5	0.2	1.6
<b>Other services (except public administration)</b>		1.0	0.3	0.3	( <sup>8</sup> )	0.7
<b>Other services (except public administration)</b>		1.0	0.3	0.3	( <sup>8</sup> )	0.7
Repair and maintenance	811	0.7	0.2	0.2	( <sup>8</sup> )	0.6
<b>State and local government<sup>4</sup></b>		8.9	3.7	2.6	1.2	5.2
<b>State government<sup>4</sup></b>		2.1	1.0	0.8	0.3	1.1

<b>Service-providing</b>		2.1	1.0	0.8	0.3	1.1
<b>Educational and health services</b>		1.5	0.7	0.5	0.2	0.8
<b>Educational services</b>		0.6	0.3	0.2	0.1	0.3
Educational services	611	0.6	0.3	0.2	0.1	0.3
Colleges, universities, and professional schools	6113	0.5	0.2	0.2	0.1	0.3
<b>Health care and social assistance</b>		0.9	0.4	0.3	0.1	0.5
Hospitals	622	0.7	0.3	0.2	0.1	0.5
Nursing and residential care facilities	623	0.1	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )
<b>Public administration</b>		0.6	0.3	0.3	( <sup>8</sup> )	0.3
<b>Public administration</b>		0.6	0.3	0.3	( <sup>8</sup> )	0.3
Executive, legislative, and other general government support	921	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Justice, public order, and safety activities	922	0.3	0.2	0.2	( <sup>8</sup> )	0.1
Justice, public order, and safety activities	9221	0.3	0.2	0.2	( <sup>8</sup> )	0.1
Police protection	92212	0.1	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )
Correctional institutions	92214	0.2	0.1	0.1	( <sup>8</sup> )	0.1
<b>Local government<sup>4</sup></b>		6.8	2.7	1.8	0.9	4.0
<b>Service-providing</b>		6.7	2.7	1.8	0.9	4.0
<b>Trade, transportation, and utilities<sup>7</sup></b>		--	--	--	--	--
<b>Utilities</b>		0.2	0.1	( <sup>8</sup> )	0.1	0.1
Utilities	221	0.2	0.1	( <sup>8</sup> )	0.1	0.1
Water, sewage and other systems	2213	0.2	0.1	( <sup>8</sup> )	--	( <sup>8</sup> )
<b>Educational and health services</b>		3.7	1.2	0.7	0.4	2.5
<b>Educational services</b>		3.3	1.0	0.6	0.4	2.3
Educational services	611	3.3	1.0	0.6	0.4	2.3
Elementary and secondary schools	6111	3.3	1.0	0.6	0.4	2.3
<b>Health care and social assistance</b>		0.4	0.2	0.1	( <sup>8</sup> )	0.2
Hospitals	622	0.2	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Nursing and residential care facilities	623	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )

<b>Public administration</b>		2.6	1.2	0.9	0.4	1.4
<b>Public administration</b>		2.6	1.2	0.9	0.4	1.4

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012

<sup>3</sup> Days-away-from-work cases include those that result in days away from work 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*, 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>6</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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</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 in cooperation with participating state agencies, February 18, 2019

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Kentucky, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including state and local government<sup>4</sup></b>		19.0	1.9	1.0	( <sup>5</sup> )	2.2	13.9
<b>Private industry<sup>4</sup></b>		17.1	1.4	0.5	( <sup>5</sup> )	2.4	12.8
<b>Goods-producing<sup>4</sup></b>		34.8	2.4	0.5	( <sup>5</sup> )	8.0	23.9
<b>Natural resources and mining<sup>4,6</sup></b>		13.4	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		26.6	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Animal production and aquaculture <sup>4</sup>	112	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Support activities for agriculture and forestry	115	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Mining (except oil and gas) <sup>7</sup>	212	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Construction</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Construction</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Construction of buildings	236	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Heavy and civil engineering construction	237	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Specialty trade contractors	238	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Manufacturing</b>		44.5	2.7	( <sup>5</sup> )	( <sup>5</sup> )	10.9	30.3
<b>Manufacturing</b>		44.5	2.7	( <sup>5</sup> )	( <sup>5</sup> )	10.9	30.3
Food manufacturing	311	34.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	15.9	16.5
Beverage and tobacco product manufacturing	312	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wood product manufacturing	321	49.4	--	( <sup>5</sup> )	( <sup>5</sup> )	28.5	( <sup>5</sup> )
Paper manufacturing	322	23.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	17.0	( <sup>5</sup> )
Printing and related support activities	323	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Chemical manufacturing	325	15.5	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--

Plastics and rubber products manufacturing	326	19.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	8.7
Nonmetallic mineral product manufacturing	327	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Primary metal manufacturing	331	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Fabricated metal product manufacturing	332	13.3	( <sup>5</sup> )	--	( <sup>5</sup> )	--	( <sup>5</sup> )
Machinery manufacturing	333	14.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	10.7
Computer and electronic product manufacturing	334	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Transportation equipment manufacturing	336	115.6	2.7	( <sup>5</sup> )	( <sup>5</sup> )	17.9	94.4
Furniture and related product manufacturing	337	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Miscellaneous manufacturing	339	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Service-providing</b>		11.0	1.0	0.6	( <sup>5</sup> )	0.4	8.9
<b>Trade, transportation, and utilities<sup>8</sup></b>		9.3	0.5	--	( <sup>5</sup> )	1.2	7.0
<b>Wholesale trade</b>		10.3	( <sup>5</sup> )	--	( <sup>5</sup> )	--	6.4
Merchant wholesalers, durable goods	423	5.3	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Merchant wholesalers, nondurable goods	424	20.6	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	15.0
<b>Retail trade</b>		4.3	1.1	( <sup>5</sup> )	( <sup>5</sup> )	--	2.7
Motor vehicle and parts dealers	441	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Building material and garden equipment and supplies dealers	444	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Food and beverage stores	445	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
General merchandise stores	452	13.2	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	10.7
Miscellaneous store retailers	453	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Transportation and warehousing<sup>8</sup></b>		17.7	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.3	15.4
Truck transportation	484	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Warehousing and storage	493	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Utilities</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Utilities	221	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
<b>Information</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Information</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Finance, insurance, and real estate</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Finance and insurance</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Real estate and rental and leasing</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Professional and business services</b>		4.8	1.0	1.1	( <sup>5</sup> )	( <sup>5</sup> )	2.7



<b>Professional, scientific, and technical services</b>		--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Management of companies and enterprises</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Administrative and support and waste management and remediation services</b>		8.6	2.0	1.8	( <sup>5</sup> )	( <sup>5</sup> )	4.8
Administrative and support services	561	7.9	--	1.9	( <sup>5</sup> )	( <sup>5</sup> )	4.5
Waste management and remediation services	562	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Educational and health services</b>		28.9	2.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	25.8
<b>Educational services</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		30.6	2.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	27.4
Ambulatory health care services	621	21.2	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	20.2
Hospitals	622	49.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	47.0
Nursing and residential care facilities	623	33.4	7.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	25.7
Social assistance	624	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Leisure, entertainment, and hospitality</b>		5.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.4
<b>Arts, entertainment, and recreation</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Accommodation and food services</b>		4.7	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.1
Accommodation	721	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Food services and drinking places	722	4.3	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Other services (except public administration)</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Other services (except public administration)</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Repair and maintenance	811	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>State and local government<sup>4</sup></b>		32.0	5.1	4.3	( <sup>5</sup> )	0.8	21.5
<b>State government<sup>4</sup></b>		8.2	2.4	--	( <sup>5</sup> )	( <sup>5</sup> )	3.6
<b>Service-providing</b>		8.2	2.4	--	( <sup>5</sup> )	( <sup>5</sup> )	3.6
<b>Educational and health services</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Educational services</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

Educational services	611	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Hospitals	622	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Nursing and residential care facilities	623	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Public administration</b>		17.7	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	7.7
<b>Public administration</b>		17.7	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	7.7
Executive, legislative, and other general government support	921	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Justice, public order, and safety activities	922	30.0	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	15.9
<b>Local government<sup>4</sup></b>		44.9	6.5	5.5	( <sup>5</sup> )	1.3	31.2
<b>Service-providing</b>		44.9	6.5	5.5	( <sup>5</sup> )	1.3	31.3
<b>Trade, transportation, and utilities<sup>8</sup></b>		--	--	--	--	--	--
<b>Utilities</b>		--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Utilities	221	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Educational and health services</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Educational services</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Educational services	611	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Health care and social assistance</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Hospitals	622	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Nursing and residential care facilities	623	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Public administration</b>		65.6	15.3	6.1	( <sup>5</sup> )	3.9	40.2
<b>Public administration</b>		65.6	15.3	6.1	( <sup>5</sup> )	3.9	40.2

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 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> *North American Industry Classification System* -- United States, 2012.

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

<sup>5</sup> Data too small to be displayed.

<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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in 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.

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 in cooperation with participating state agencies, February 18, 2019

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Kentucky, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including state and local government<sup>3</sup></b>		2.9	0.3	0.2	( <sup>4</sup> )	0.3	2.1
<b>Private industry<sup>3</sup></b>		2.3	0.2	0.1	( <sup>4</sup> )	0.3	1.7
<b>Goods-producing<sup>3</sup></b>		1.2	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.3	0.8
<b>Natural resources and mining<sup>3,5</sup></b>		( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>		( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Animal production and aquaculture <sup>3</sup>	112	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Support activities for agriculture and forestry	115	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Mining (except oil and gas) <sup>6</sup>	212	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Construction</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Construction</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Construction of buildings	236	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Heavy and civil engineering construction	237	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Specialty trade contractors	238	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Manufacturing</b>		1.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.3	0.8
<b>Manufacturing</b>		1.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.3	0.8
Food manufacturing	311	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Beverage and tobacco product manufacturing	312	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Wood product manufacturing	321	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Paper manufacturing	322	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Printing and related support activities	323	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Chemical manufacturing	325	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--

Plastics and rubber products manufacturing	326	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Nonmetallic mineral product manufacturing	327	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Primary metal manufacturing	331	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Fabricated metal product manufacturing	332	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	--	( <sup>4</sup> )
Machinery manufacturing	333	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Computer and electronic product manufacturing	334	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Transportation equipment manufacturing	336	0.8	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	0.6
Furniture and related product manufacturing	337	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Miscellaneous manufacturing	339	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Service-providing</b>		1.1	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.9
<b>Trade, transportation, and utilities<sup>7</sup></b>		0.3	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	0.2
<b>Wholesale trade</b>		0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	--	( <sup>4</sup> )
Merchant wholesalers, durable goods	423	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Merchant wholesalers, nondurable goods	424	0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Retail trade</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Motor vehicle and parts dealers	441	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Building material and garden equipment and supplies dealers	444	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Food and beverage stores	445	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
General merchandise stores	452	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Miscellaneous store retailers	453	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Truck transportation	484	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Warehousing and storage	493	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Utilities</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Utilities	221	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
<b>Information</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Information</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Finance, insurance, and real estate</b>		--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Finance and insurance</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Real estate and rental and leasing</b>		--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Professional and business services</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<b>Professional, scientific, and technical services</b>		--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Management of companies and enterprises</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Administrative and support and waste management and remediation services</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Administrative and support services	561	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Waste management and remediation services	562	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Educational and health services</b>		0.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.5
<b>Educational services</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Health care and social assistance</b>		0.6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.5
Ambulatory health care services	621	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Hospitals	622	0.3	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.3
Nursing and residential care facilities	623	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Social assistance	624	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Leisure, entertainment, and hospitality</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
<b>Arts, entertainment, and recreation</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Accommodation and food services</b>		0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Accommodation	721	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Food services and drinking places	722	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Other services (except public administration)</b>		--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Other services (except public administration)</b>		--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Repair and maintenance	811	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>State and local government<sup>3</sup></b>		0.6	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.4
<b>State government<sup>3</sup></b>		0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Service-providing</b>		0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Educational and health services</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Educational services</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

Educational services	611	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Health care and social assistance</b>		( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Hospitals	622	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nursing and residential care facilities	623	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Public administration</b>		( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Public administration</b>		( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Executive, legislative, and other general government support	921	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Justice, public order, and safety activities	922	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Local government<sup>3</sup></b>		0.6	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.4
<b>Service-providing</b>		0.6	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.4
<b>Trade, transportation, and utilities<sup>7</sup></b>		--	--	--	--	--	--
<b>Utilities</b>		--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Utilities	221	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Educational and health services</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Educational services</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Educational services	611	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Health care and social assistance</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Hospitals	622	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nursing and residential care facilities	623	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Public administration</b>		0.3	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2
<b>Public administration</b>		0.3	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data too small to be displayed.

<sup>5</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>6</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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</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. 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, February 18, 2019



**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Kentucky, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>All industries including state and local government<sup>4</sup></b>		3.1	47.2	2.8	2.6
<b>Private industry<sup>4</sup></b>		2.9	38.9	3.2	2.9
<b>Goods-producing<sup>4</sup></b>		3.4	11.6	3.0	2.7
<b>Natural resources and mining<sup>4,5</sup></b>		4.1	0.8	10.0	7.8
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		6.0	0.4	16.7	14.9
Animal production and aquaculture <sup>4</sup>	112	8.9	0.2	23.7	19.9
Support activities for agriculture and forestry	115	4.9	0.2	23.1	25.9
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		3.2	0.4	10.4	4.4
Mining (except oil and gas) <sup>6</sup>	212	3.6	0.4	( <sup>9</sup> )	( <sup>9</sup> )
<b>Construction</b>		2.5	1.8	11.6	11.2
<b>Construction</b>		2.5	1.8	11.6	11.2
Construction of buildings	236	1.7	0.3	26.8	26.2
Nonresidential building construction	2362	1.9	0.2	25.3	25.0
Heavy and civil engineering construction	237	1.9	0.2	31.2	30.1
Highway, street, and bridge construction	2373	3.0	0.1	34.2	31.8
Specialty trade contractors	238	2.9	1.3	13.6	13.4
Foundation, structure, and building exterior contractors	2381	1.4	0.1	46.8	45.8
Building equipment contractors	2382	3.1	0.8	17.7	17.7
Electrical contractors and other wiring installation contractors	23821	3.0	0.3	29.3	27.9
Plumbing, heating, and air-conditioning contractors	23822	3.5	0.5	24.2	24.4
Building finishing contractors	2383	3.4	0.2	33.5	37.1
Other specialty trade contractors	2389	3.7	0.2	27.6	28.2
<b>Manufacturing</b>		3.6	9.1	2.9	2.6
<b>Manufacturing</b>		3.6	9.1	2.9	2.6

Food manufacturing	311	3.0	0.9	5.6	5.7
Fruit and vegetable preserving and specialty food manufacturing	3114	2.1	0.1	17.9	18.3
Animal slaughtering and processing	3116	3.2	0.3	4.2	4.1
Animal slaughtering and processing	31161	3.2	0.3	4.2	4.1
Poultry processing	311615	2.4	0.1	( <sup>10</sup> )	( <sup>10</sup> )
Bakeries and tortilla manufacturing	3118	1.5	0.1	17.8	18.1
Beverage and tobacco product manufacturing	312	3.4	0.2	23.8	24.6
Beverage manufacturing	3121	3.2	0.2	28.7	29.4
Wood product manufacturing	321	7.6	0.8	14.2	11.5
Sawmills and wood preservation	3211	6.4	0.2	19.9	18.2
Sawmills and wood preservation	32111	6.4	0.2	19.9	18.2
Sawmills	321113	6.8	0.2	19.7	18.6
Other wood product manufacturing	3219	8.0	0.5	17.5	12.9
Millwork	32191	4.3	0.2	10.2	9.8
Cut stock, resawing lumber, and planing	321912	3.9	( <sup>8</sup> )	0.6	2.5
Paper manufacturing	322	2.9	0.3	29.7	30.9
Converted paper product manufacturing	3222	3.2	0.3	31.1	32.9
Paperboard container manufacturing	32221	2.6	0.1	25.4	25.8
Printing and related support activities	323	2.6	0.2	10.2	10.0
Printing and related support activities	3231	2.6	0.2	10.2	10.0
Printing	32311	2.6	0.2	10.3	10.2
Commercial printing (except screen and books)	323111	2.6	0.2	8.5	8.6
Chemical manufacturing	325	1.9	0.2	22.4	22.9
Basic chemical manufacturing	3251	3.1	0.1	36.1	37.3
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	1.2	( <sup>8</sup> )	59.5	57.7
Plastics and rubber products manufacturing	326	3.3	0.6	10.6	9.1
Plastics product manufacturing	3261	3.3	0.5	13.1	11.1
Rubber product manufacturing	3262	3.2	0.1	10.4	10.7
Nonmetallic mineral product manufacturing	327	3.4	0.2	27.6	27.0
Primary metal manufacturing	331	2.3	0.3	15.4	17.2
Alumina and aluminum production and processing	3313	1.1	0.1	8.5	9.1
Fabricated metal product manufacturing	332	4.3	0.9	9.5	8.2
Forging and stamping	3321	6.4	0.2	12.9	14.8
Architectural and structural metals manufacturing	3323	5.0	0.2	15.1	14.7
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	2.3	0.1	26.7	27.0
Coating, engraving, heat treating, and allied activities	3328	5.6	0.2	24.4	22.3
Machinery manufacturing	333	3.1	0.6	7.6	7.8
Agriculture, construction, and mining machinery manufacturing	3331	3.5	0.1	6.9	5.7
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	3.6	0.1	22.9	25.2
Metalworking machinery manufacturing	3335	4.0	0.1	15.9	19.0
Other general purpose machinery manufacturing	3339	2.4	0.2	15.7	14.7
Material handling equipment manufacturing	33392	2.5	0.1	26.6	23.9
Computer and electronic product manufacturing	334	1.4	0.1	30.3	29.9
Transportation equipment manufacturing	336	4.4	3.0	3.7	3.2

Motor vehicle parts manufacturing	3363	--	--	--	--
Motor vehicle seating and interior trim manufacturing	33636	4.4	0.3	2.9	3.5
Motor vehicle metal stamping	33637	4.2	0.3	12.1	12.9
Other motor vehicle parts manufacturing	33639	3.5	0.3	2.6	2.4
Aerospace product and parts manufacturing	3364	1.5	( <sup>8</sup> )	9.7	9.9
Furniture and related product manufacturing	337	2.5	0.1	38.8	39.9
Miscellaneous manufacturing	339	2.1	0.1	22.3	25.2
<b>Service-providing</b>		2.8	27.3	4.4	4.0
<b>Trade, transportation, and utilities<sup>7</sup></b>		3.4	11.6	5.1	4.1
<b>Wholesale trade</b>		4.3	3.2	11.5	8.9
Merchant wholesalers, durable goods	423	3.5	1.3	12.8	12.6
Merchant wholesalers, nondurable goods	424	6.7	1.8	12.8	12.4
<b>Retail trade</b>		2.7	4.4	8.4	7.0
Motor vehicle and parts dealers	441	2.8	0.7	20.6	20.0
Building material and garden equipment and supplies dealers	444	4.7	0.7	18.6	15.7
Building material and supplies dealers	4441	3.9	0.5	14.2	10.2
Home centers	44411	5.9	0.4	6.8	7.8
Food and beverage stores	445	3.8	0.9	14.2	13.5
Grocery stores	4451	3.7	0.8	10.2	9.5
Supermarkets and other grocery (except convenience) stores	44511	3.8	0.8	10.2	9.5
General merchandise stores	452	3.3	1.2	10.8	10.7
Miscellaneous store retailers	453	--	( <sup>8</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		4.2	3.9	5.6	6.0
Truck transportation	484	3.8	1.0	12.9	13.1
Warehousing and storage	493	3.6	1.1	11.3	13.7
<b>Utilities</b>		1.8	0.1	21.3	21.4
Utilities	221	1.8	0.1	21.3	21.4
Electric power generation, transmission and distribution	2211	1.8	0.1	24.4	24.9
<b>Information</b>		1.0	0.2	31.5	28.2
<b>Information</b>		1.0	0.2	31.5	28.2
<b>Finance, insurance, and real estate</b>		0.8	0.7	31.0	31.2
<b>Finance and insurance</b>		0.3	0.2	34.1	34.1

<b>Real estate and rental and leasing</b>		2.6	0.5	43.4	42.9
<b>Professional and business services</b>		1.5	2.7	17.1	16.6
<b>Professional, scientific, and technical services</b>		0.7	0.4	36.0	36.9
<b>Management of companies and enterprises</b>		1.4	0.3	29.9	29.6
<b>Administrative and support and waste management and remediation services</b>		2.2	1.9	21.3	20.7
Administrative and support services	561	2.0	1.7	23.0	22.5
Investigation and security services	5616	0.9	0.1	42.4	44.4
Services to buildings and dwellings	5617	4.3	0.7	21.9	22.3
Waste management and remediation services	562	5.0	0.3	51.9	51.7
<b>Educational and health services</b>		3.6	7.3	5.3	4.1
<b>Educational services</b>		1.2	0.2	9.7	6.4
<b>Health care and social assistance</b>		3.7	7.2	5.5	4.2
Ambulatory health care services	621	1.9	1.3	17.1	17.0
Hospitals	622	5.1	3.3	1.0	1.1
Nursing and residential care facilities	623	6.4	2.2	7.5	6.6
Social assistance	624	1.8	0.5	32.5	32.4
<b>Leisure, entertainment, and hospitality</b>		3.2	3.8	19.2	19.5
<b>Arts, entertainment, and recreation</b>		10.1	1.3	52.2	52.2
<b>Accommodation and food services</b>		2.3	2.5	10.9	11.5
Accommodation	721	2.3	0.3	22.5	23.8
Food services and drinking places	722	2.4	2.2	11.9	12.5
<b>Other services (except public administration)</b>		2.6	1.0	35.1	31.8
<b>Other services (except public administration)</b>		2.6	1.0	35.1	31.8
Repair and maintenance	811	4.2	0.7	39.5	39.0
<b>State and local government<sup>4</sup></b>		4.2	8.3	4.9	5.2
<b>State government<sup>4</sup></b>		3.0	2.1	3.5	3.1
<b>Service-providing</b>		3.0	2.1	3.5	3.1

<b>Educational and health services</b>		3.4	1.5	2.3	2.5
<b>Educational services</b>		2.1	0.6	3.3	3.2
Educational services	611	2.1	0.6	3.3	3.2
Colleges, universities, and professional schools	6113	2.2	0.5	( <sup>10</sup> )	( <sup>10</sup> )
<b>Health care and social assistance</b>		6.3	0.9	5.0	3.6
Hospitals	622	9.8	0.7	( <sup>10</sup> )	( <sup>10</sup> )
Nursing and residential care facilities	623	5.4	0.1	13.9	11.1
<b>Public administration</b>		2.2	0.5	11.3	9.7
<b>Public administration</b>		2.2	0.5	11.3	9.7
Executive, legislative, and other general government support	921	1.5	0.1	40.8	37.9
Justice, public order, and safety activities	922	2.6	0.3	12.5	7.4
Justice, public order, and safety activities	9221	2.6	0.3	12.5	7.4
Police protection	92212	5.9	0.1	7.7	7.7
Correctional institutions	92214	4.0	0.1	5.7	6.9
<b>Local government<sup>4</sup></b>		4.8	6.2	6.7	6.9
<b>Service-providing</b>		4.8	6.2	6.7	6.9
<b>Trade, transportation, and utilities<sup>7</sup></b>		--	--	--	--
<b>Utilities</b>		3.9	0.2	33.4	30.6
Utilities	221	3.9	0.2	33.4	30.6
Water, sewage and other systems	2213	4.0	0.2	42.1	38.8
<b>Educational and health services</b>		4.6	3.4	6.8	6.6
<b>Educational services</b>		4.5	3.1	7.3	7.0
Educational services	611	4.5	3.1	7.3	7.0
Elementary and secondary schools	6111	4.5	3.1	7.3	7.0
<b>Health care and social assistance</b>		5.4	0.3	16.9	20.0
Hospitals	622	5.4	0.2	6.1	7.4
Nursing and residential care facilities	623	--	( <sup>8</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Public administration</b>		5.6	2.3	15.1	15.4

<b>Public administration</b>		5.6	2.3	15.1	15.4
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<sup>1</sup> Incidence rates represent the number of injuries per 100 full-time workers and were calculated as:

$(N/EH) \times 200,000$  where

N = number of injuries

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> *North American Industry Classification System* -- United States, 2012.

<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*, 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>6</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 requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</sup> Data too small to be displayed.

<sup>9</sup> Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

<sup>10</sup> Percent relative standard error less than 0.05.

NOTE: Because of rounding, components may not add to totals. Dashes indicate data that 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, February 18, 2019

**Table 11. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry sector and case types, 2015-2017, Kentucky**

Industry sector <sup>2</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>6</sup>			Cases with job transfer or restriction					
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
<b>All industries including state and local government<sup>3</sup></b>	3.7	3.4	3.3	1.9	1.8	1.6	1.1	1.0	0.9	0.8	0.7	0.7	1.8	1.6	1.6
<b>Private industry<sup>3</sup></b>	3.5	3.2	3.1	1.9	1.8	1.6	1.0	1.0	0.9	0.8	0.8	0.7	1.6	1.4	1.5
<b>Goods-producing<sup>3</sup></b>	4.4	4.1	3.7	2.6	2.5	2.1	1.3	1.2	1.0	1.4	1.3	1.1	1.8	1.6	1.6
<b>Natural resources and mining<sup>3,4</sup></b>	4.7	4.1	4.3	2.8	2.5	2.5	2.5	2.2	2.2	0.3	0.4	0.3	2.0	1.5	1.8
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	7.9	5.5	6.2	3.5	3.4	3.2	2.7	2.5	2.6	0.8	0.9	0.6	4.4	2.2	3.1
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	3.5	3.2	3.2	2.5	2.1	2.1	2.4	2.0	2.0	0.1	--	0.2	1.0	1.2	1.1
<b>Construction</b>	3.2	2.9	2.6	1.8	1.9	1.3	1.1	1.5	0.9	0.7	0.4	0.4	1.4	0.9	1.3
<b>Manufacturing</b>	4.7	4.4	4.0	2.9	2.6	2.3	1.2	1.1	1.0	1.7	1.6	1.3	1.9	1.8	1.7
<b>Service-providing</b>	3.1	2.9	2.9	1.6	1.5	1.4	0.9	0.9	0.8	0.6	0.6	0.6	1.6	1.4	1.4
<b>Trade, transportation, and utilities<sup>5</sup></b>	3.7	3.3	3.5	2.1	2.0	2.2	1.1	1.1	1.2	1.0	0.9	1.0	1.6	1.3	1.3
<b>Wholesale trade</b>	4.6	3.0	4.4	2.2	1.7	3.0	1.2	0.8	1.2	1.1	0.9	1.7	2.3	1.3	1.5
<b>Retail trade</b>	3.2	3.0	2.7	1.8	1.6	1.6	0.9	0.8	0.9	0.8	0.7	0.7	1.4	1.3	1.1
<b>Transportation and warehousing<sup>5</sup></b>	4.0	4.3	4.3	2.7	3.0	2.9	1.4	1.7	1.7	1.3	1.3	1.2	1.3	1.3	1.5
<b>Utilities</b>	1.6	3.1	1.8	0.4	1.9	1.1	--	1.7	0.7	--	--	0.4	1.2	1.2	0.7
<b>Information</b>	1.6	2.3	1.1	1.0	1.5	0.6	0.8	--	0.4	--	--	0.2	0.7	0.8	0.5
<b>Finance, insurance, and real estate</b>	1.2	0.8	0.8	0.9	0.3	0.2	0.8	0.3	0.1	0.1	--	--	0.4	0.5	0.6
<b>Finance and insurance</b>	0.6	0.6	0.3	0.3	0.2	( <sup>7</sup> )	0.3	0.2	( <sup>7</sup> )	--	--	--	0.3	0.3	0.3
<b>Real estate and rental and leasing</b>	3.7	1.8	2.7	3.1	0.5	0.8	3.0	0.4	0.5	--	--	--	0.5	--	1.9
<b>Professional and business services</b>	1.2	1.4	1.6	0.5	0.8	0.7	0.3	0.5	0.4	0.2	0.3	0.3	0.6	0.7	0.9
<b>Professional, scientific, and technical services</b>	0.9	1.2	0.7	0.2	0.5	0.2	0.2	0.4	0.2	0.1	0.1	--	0.6	0.7	0.4
<b>Management of companies and enterprises</b>	1.2	--	1.4	0.6	--	0.5	0.5	--	0.3	--	0.1	0.1	0.7	--	1.0
<b>Administrative and support and waste management and remediation services</b>	1.5	1.8	2.3	0.9	1.1	1.1	0.5	0.6	0.6	0.4	0.5	0.5	0.6	0.7	1.1
<b>Educational and health services</b>	5.0	4.3	3.9	2.1	2.0	1.6	1.4	1.2	0.9	0.8	0.8	0.7	2.9	2.3	2.3
<b>Educational services</b>	2.5	1.8	1.2	0.9	0.3	0.3	0.6	0.2	0.2	0.2	--	--	1.6	1.5	0.9
<b>Health care and social assistance</b>	5.2	4.5	4.1	2.2	2.1	1.7	1.4	1.3	1.0	0.8	0.8	0.7	3.0	2.4	2.4
<b>Leisure, entertainment, and hospitality</b>	3.0	2.7	3.2	1.1	1.1	1.3	0.9	0.9	0.9	0.2	0.2	0.4	1.8	1.6	2.0
<b>Arts, entertainment, and recreation</b>	2.6	--	10.2	1.2	--	4.9	0.9	--	3.4	0.3	--	--	1.4	--	--
<b>Accommodation and food services</b>	3.0	2.5	2.4	1.1	0.8	0.8	0.9	0.7	0.6	0.2	0.1	0.2	1.9	1.7	1.6
<b>Other services (except public administration)</b>	2.0	1.9	2.6	1.0	0.9	0.8	0.3	0.7	0.7	0.7	0.2	0.1	1.0	1.0	1.8
<b>Other services (except public administration)</b>	2.0	1.9	2.6	1.0	0.9	0.8	0.3	0.7	0.7	0.7	0.2	0.1	1.0	1.0	1.8
<b>State and local government<sup>3</sup></b>	5.0	5.0	4.5	2.0	1.9	1.9	1.5	1.4	1.3	0.5	0.5	0.6	3.0	3.0	2.6
<b>State government<sup>3</sup></b>	3.9	3.5	3.1	1.4	1.4	1.5	1.2	1.2	1.1	0.3	0.2	0.4	2.5	2.0	1.6
<b>Local government<sup>3</sup></b>	5.7	5.8	5.3	2.4	2.2	2.1	1.7	1.5	1.4	0.6	0.7	0.7	3.3	3.6	3.2

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

- N = number of injuries and illnesses
- EH = total hours worked by all employees during the calendar year
- 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</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 OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Days-away-from-work cases include those that result in days away from work with or without restricted work activity.

<sup>7</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 in cooperation with participating state agencies, February 18, 2019



[KySafe.ky.gov](http://KySafe.ky.gov)

2017  
CENSUS OF FATAL  
OCCUPATIONAL INJURIES  
CFOI

Based on 2017 BLS data





## INTRODUCTION

The Census of Fatal Occupational Injuries (CFOI) program was developed by the U.S. Department of Labor, Bureau of Labor Statistics (BLS) to compile a comprehensive, accurate, and timely measure of fatal work injuries that occur during the year.

The CFOI program is a Federal/State cooperative program. The program was expanded to include all 50 states and the District of Columbia in 1992. This is Kentucky's 28<sup>th</sup> 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 (2017), 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 safety and health. Among these workers are the self-employed, laborers on small farms, and certain government employees. Thus, CFOI data, which covers these workers may differ from data obtained through other administrative sources.

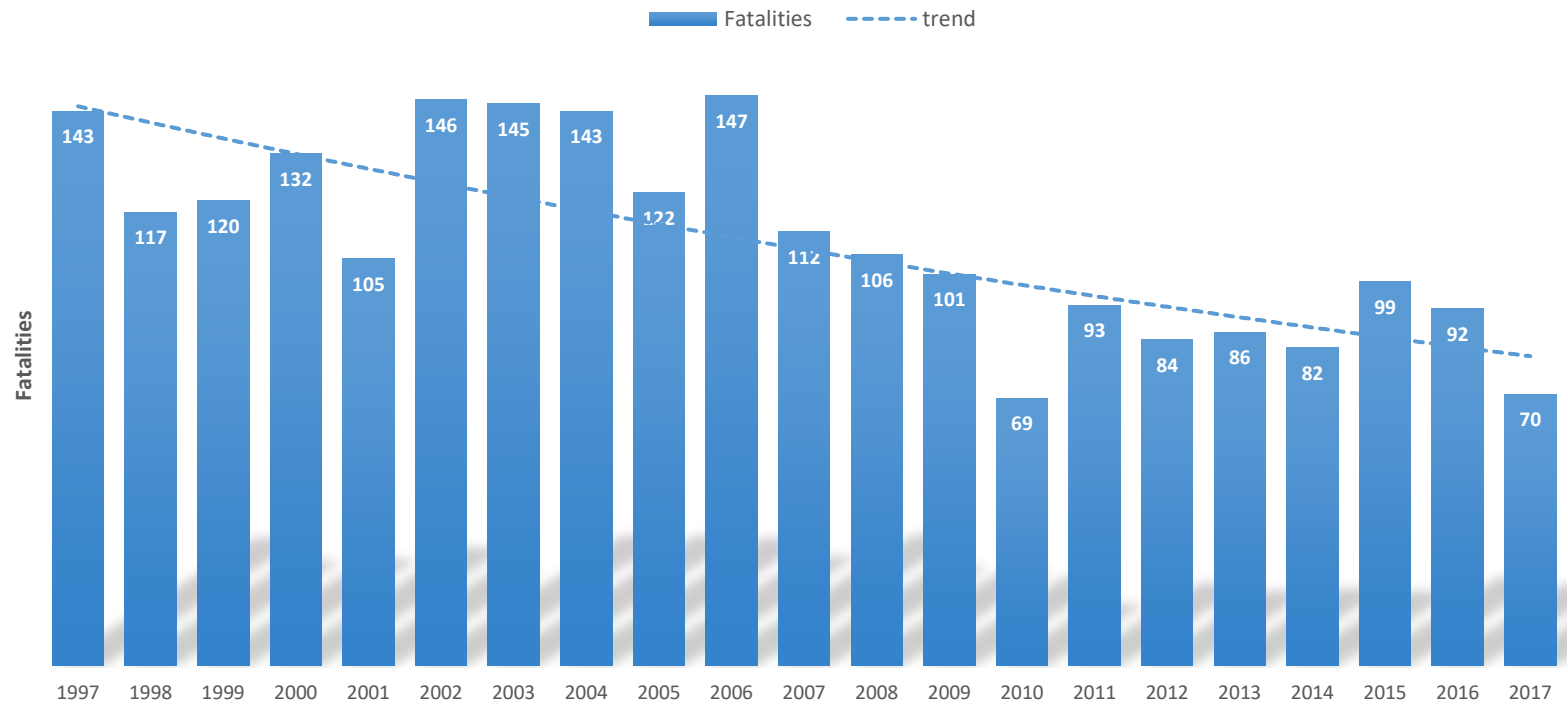
Timely information on all fatal occupational injuries were compiled from a variety of administrative sources including death certificates, motor vehicle traffic accident reports, medical examiners reports, newspaper articles, Kentucky and Federal Worker's Compensation reports and other governmental investigative reports. Each fatality was substantiated by at least two independent source documents or one 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 gives both public and private stakeholders and analysts' information that will lead to safer working conditions.

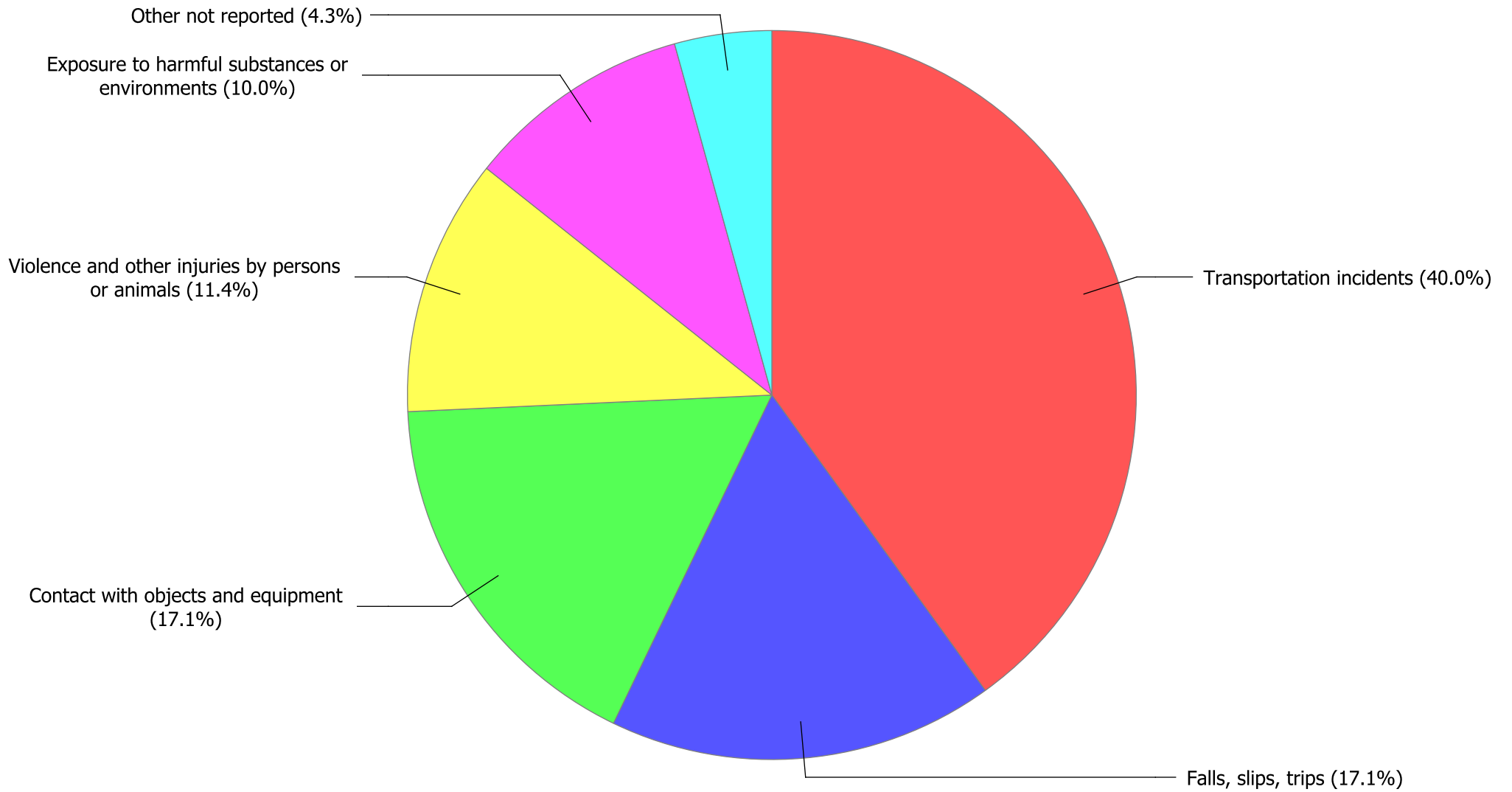
## CFOI SUMMARY

1. The number of Occupational Fatalities in Kentucky was 70 in 2017
2. The largest categories for fatal events were in transportation, with 28 deaths, and contact with objects and equipment, and Falls, slips and trips, both with 12 deaths.
3. The industries experiencing the most fatalities were Natural Resources and Mining (20 fatalities), Agriculture, Forestry, Fishing and Hunting (18 fatalities), Trade, Transportation and Utilities (16 fatalities) and Construction (11 fatalities).
4. The age range with the highest number of fatal occupational injuries was 65 years and over with 20 fatalities.
5. The race or ethnic group with the highest number of fatalities was White (non- Hispanic) with 61 deaths.
6. The largest category of primary source was vehicles, accounting for 25 fatalities.
7. Of the 70 fatalities in 2017, 63 were men and 7 were women.
8. In 2017 there were 2 homicides
9. In 2017 there were 5 fatalities in the government sectors.
10. Of the 702 fatalities in Kentucky 20 were self-employed.

# Kentucky Work Related Fatalities

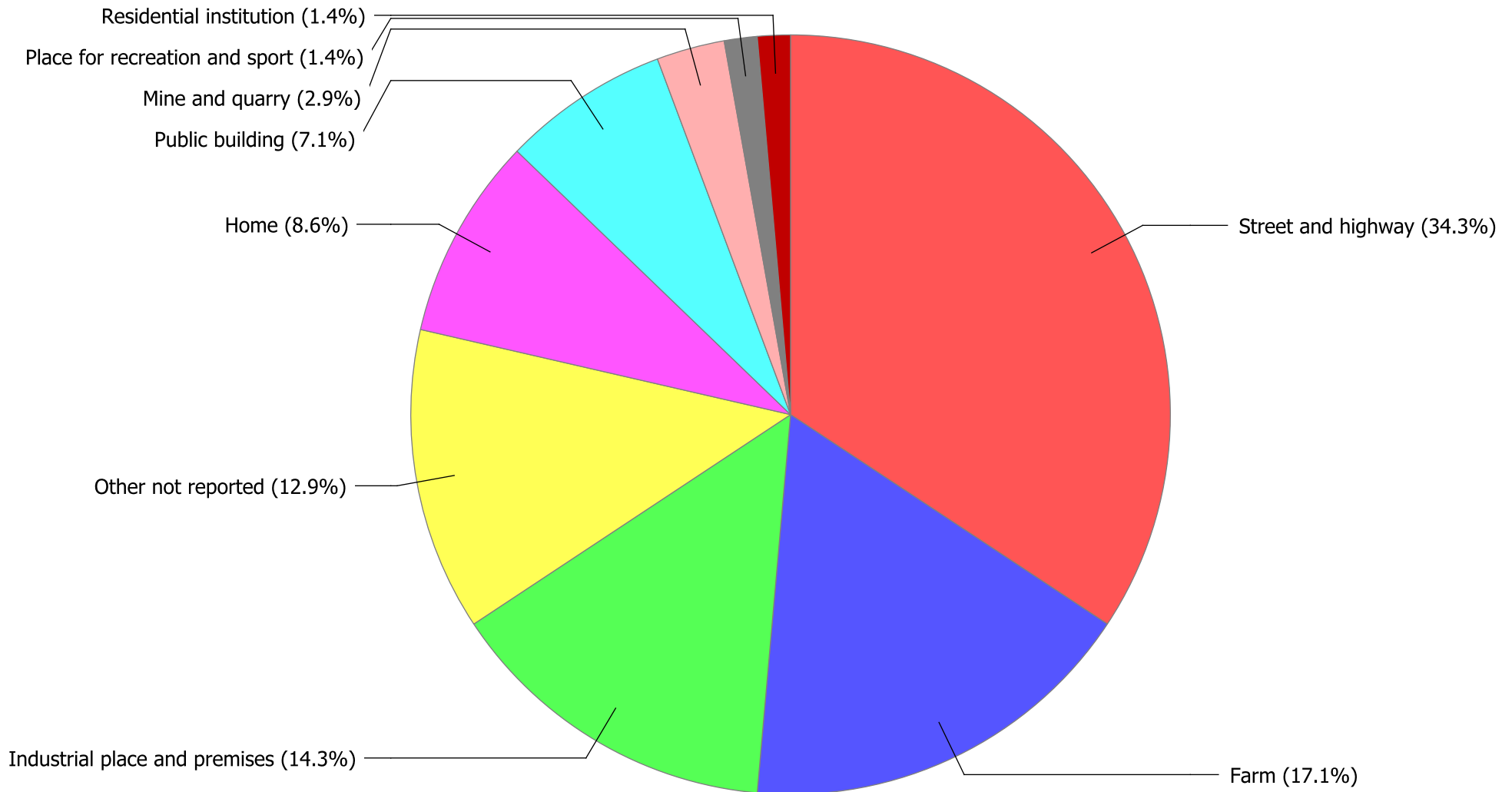


Workplace fatal injuries by event or exposure, all ownerships, Kentucky, 2017 (70 total fatal injuries)



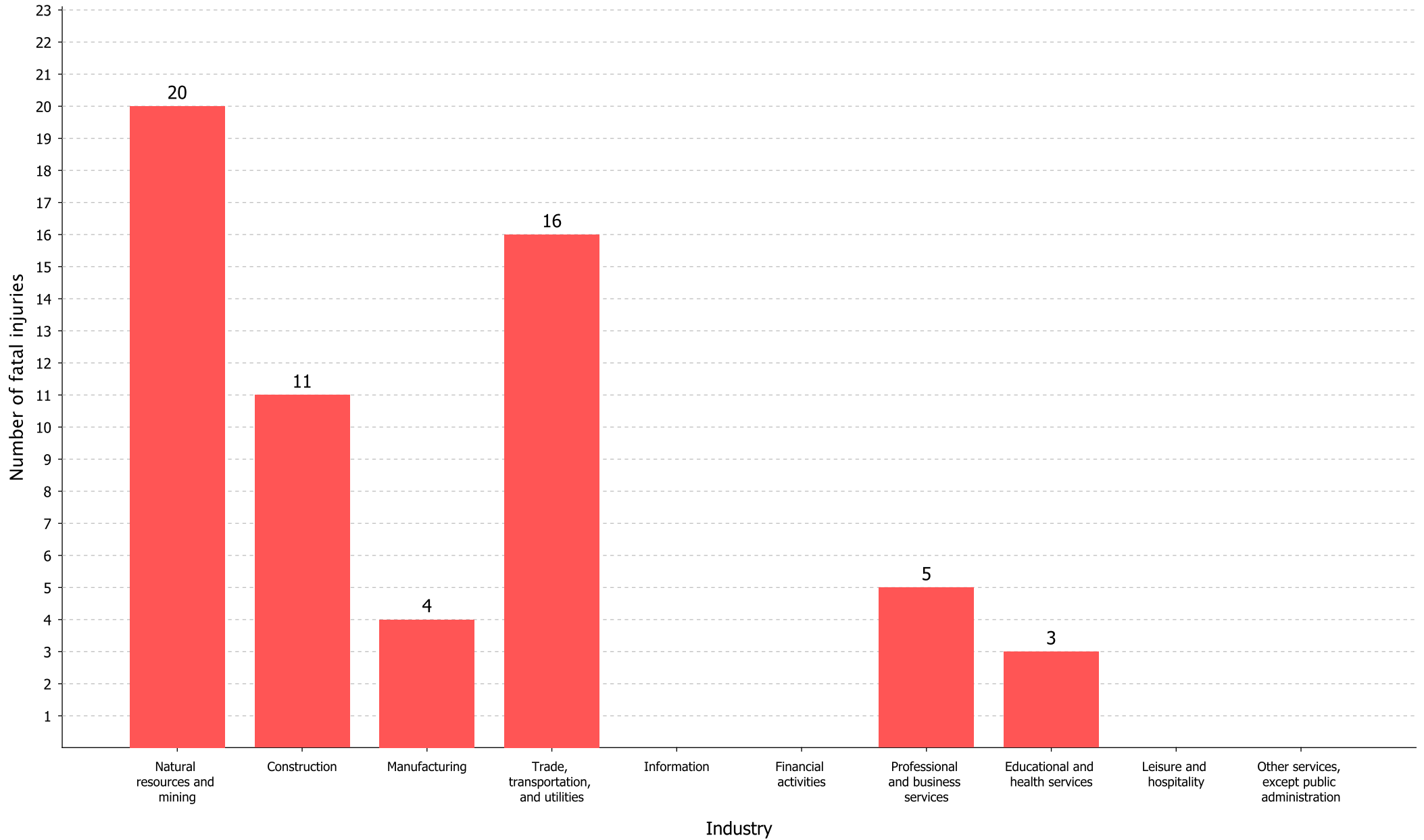
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

Fatal work injuries by location, all ownerships, Kentucky, 2017 (70 total fatal injuries)



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

Fatal work injuries in selected industries, private industry, Kentucky, 2017 (65 total fatal injuries)



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2019]

**TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Kentucky, 2017**

Industry <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
<b>Total</b>	70	28	17	5	6	6	2
<b>Private industry</b>	65	25	15	5	5	5	2
<b>Goods producing</b>	35	11	2	5	4	--	--
<b>Natural resources and mining</b>	20	6	--	5	1	--	--
<b>Agriculture, forestry, fishing and hunting</b>	18	6	--	5	1	--	--
Crop production	8	4	--	3	1	--	--
Oilseed and grain farming	2	1	--	--	1	--	--
Soybean farming	1	1	--	--	1	--	--
Other crop farming	1	1	--	1	--	--	--
Tobacco farming	1	1	--	1	--	--	--
Animal production and aquaculture	5	--	--	--	--	--	--
Cattle ranching and farming	3	--	--	--	--	--	--
Forestry and logging	5	--	--	--	--	--	--
Logging	5	--	--	--	--	--	--
Logging	5	--	--	--	--	--	--
<b>Mining<sup>3</sup></b>	2	--	--	--	--	--	--
Mining (except oil and gas)	2	--	--	--	--	--	--
Coal mining	2	--	--	--	--	--	--
Coal mining	2	--	--	--	--	--	--
Bituminous coal and lignite surface mining	1	--	--	--	--	--	--
Bituminous coal underground mining	1	--	--	--	--	--	--
<b>Construction</b>	11	2	1	--	1	--	--
<b>Construction</b>	11	2	1	--	1	--	--
Construction of buildings	3	--	--	--	--	--	--

Residential building construction	3	--	--	--	--	--	--
Residential building construction	3	--	--	--	--	--	--
New single-family housing construction (except for-sale builders)	3	--	--	--	--	--	--
Heavy and civil engineering construction	2	2	1	--	1	--	--
Utility system construction	1	1	1	--	--	--	--
Oil and gas pipeline and related structures construction	1	1	1	--	--	--	--
Highway, street, and bridge construction	1	1	--	--	1	--	--
Highway, street, and bridge construction	1	1	--	--	1	--	--
Specialty trade contractors	6	--	--	--	--	--	--
Foundation, structure, and building exterior contractors	3	--	--	--	--	--	--
Roofing contractors	1	--	--	--	--	--	--
Building finishing contractors	1	--	--	--	--	--	--
Drywall and insulation contractors	1	--	--	--	--	--	--
<b>Manufacturing</b>	<b>4</b>	<b>3</b>	<b>1</b>	--	--	--	--
<b>Manufacturing</b>	<b>4</b>	<b>3</b>	<b>1</b>	--	--	--	--
Food manufacturing	1	1	--	--	1	--	--
Animal slaughtering and processing	1	1	--	--	1	--	--
Animal slaughtering and processing	1	1	--	--	1	--	--
Poultry processing	1	1	--	--	1	--	--
Fabricated metal product manufacturing	--	1	1	--	--	--	--
Machine shops; turned product; and screw, nut, and bolt manufacturing	1	1	1	--	--	--	--
Machine shops	1	1	1	--	--	--	--
Transportation equipment manufacturing	1	--	--	--	--	--	--
Motor vehicle manufacturing	1	--	--	--	--	--	--
Heavy duty truck manufacturing	1	--	--	--	--	--	--
<b>Service providing</b>	<b>30</b>	<b>14</b>	<b>13</b>	--	<b>1</b>	<b>5</b>	<b>2</b>
<b>Trade, transportation, and utilities</b>	<b>16</b>	<b>11</b>	<b>10</b>	--	<b>1</b>	--	--
<b>Utilities</b>	<b>2</b>	<b>1</b>	<b>1</b>	--	--	--	--
Utilities	2	1	1	--	--	--	--
Electric power generation, transmission and distribution	2	1	1	--	--	--	--
Electric power generation	1	1	1	--	--	--	--
Fossil fuel electric power generation	1	1	1	--	--	--	--
Electric power transmission, control, and distribution	1	--	--	--	--	--	--
Electric power distribution	1	--	--	--	--	--	--
<b>Wholesale trade</b>	<b>4</b>	--	--	--	--	--	--
Merchant wholesalers, durable goods	--	--	--	--	--	--	--
Lumber and other construction materials merchant wholesalers	--	--	--	--	--	--	--



Lumber, plywood, millwork, and wood panel merchant wholesalers	1	--	--	--	--	--	--
<b>Transportation and warehousing</b>	10	9	8	--	1	--	--
Truck transportation	9	8	8	--	--	--	--
General freight trucking	6	5	5	--	--	--	--
General freight trucking, local	2	1	1	--	--	--	--
General freight trucking, long-distance	4	4	4	--	--	--	--
General freight trucking, long-distance, truckload	2	--	--	--	--	--	--
Specialized freight trucking	3	3	3	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	1	1	1	--	--	--	--
Warehousing and storage	1	1	--	--	1	--	--
Warehousing and storage	1	1	--	--	1	--	--
General warehousing and storage	1	1	--	--	1	--	--
<b>Professional and business services</b>	5	1	1	--	--	--	--
<b>Professional and technical services</b>	1	--	--	--	--	--	--
Professional, scientific, and technical services	1	--	--	--	--	--	--
Architectural, engineering, and related services	1	--	--	--	--	--	--
Engineering services	1	--	--	--	--	--	--
<b>Administrative and waste services</b>	4	1	1	--	--	--	--
Administrative and support services	4	1	1	--	--	--	--
Facilities support services	1	--	--	--	--	--	--
Facilities support services	1	--	--	--	--	--	--
Services to buildings and dwellings	3	1	1	--	--	--	--
Landscaping services	3	1	1	--	--	--	--
<b>Educational and health services</b>	3	--	--	--	--	3	2
<b>Health care and social assistance</b>	3	--	--	--	--	3	2
Ambulatory health care services	2	--	--	--	--	2	2
Offices of physicians	1	--	--	--	--	1	1
Offices of physicians	1	--	--	--	--	1	1
Offices of physicians (except mental health specialists)	1	--	--	--	--	1	1
Offices of other health practitioners	1	--	--	--	--	1	1
Offices of all other health practitioners	1	--	--	--	--	1	1
Nursing and residential care facilities	1	--	--	--	--	1	--
Residential intellectual and developmental disability, mental health, and substance abuse facilities	1	--	--	--	--	1	--
Residential intellectual and developmental disability facilities	1	--	--	--	--	1	--
<b>Leisure and hospitality</b>	--	--	--	--	--	1	--

<b>Accommodation and food services</b>	--	--	--	--	--	1	--
Food services and drinking places	--	--	--	--	--	1	--
Restaurants and other eating places	--	--	--	--	--	1	--
Restaurants and other eating places	--	--	--	--	--	1	--
Full-service restaurants	--	--	--	--	--	1	--
<b>Other services, except public administration</b>	--	--	--	--	--	1	--
<b>Other services, except public administration</b>	--	--	--	--	--	1	--
Religious, grantmaking, civic, professional, and similar organizations	1	--	--	--	--	1	--
Religious organizations	1	--	--	--	--	1	--
Religious organizations	1	--	--	--	--	1	--
<b>Government<sup>4</sup></b>	5	3	--	--	--	1	--
<b>Federal government</b>	1	--	--	--	--	--	--
<b>Service providing</b>	1	--	--	--	--	--	--
<b>Trade, transportation, and utilities</b>	1	--	--	--	--	--	--
<b>Transportation and warehousing</b>	1	--	--	--	--	--	--
Postal service	1	--	--	--	--	--	--
Postal service	1	--	--	--	--	--	--
Postal service	1	--	--	--	--	--	--
<b>Local government</b>	4	--	--	--	--	1	--
<b>Goods producing</b>	1	--	--	--	--	--	--
<b>Construction</b>	1	--	--	--	--	--	--
<b>Construction</b>	1	--	--	--	--	--	--
Heavy and civil engineering construction	1	--	--	--	--	--	--
Highway, street, and bridge construction	1	--	--	--	--	--	--
Highway, street, and bridge construction	1	--	--	--	--	--	--
<b>Service providing</b>	3	--	--	--	--	1	--
<b>Public administration</b>	2	--	--	--	--	1	--
<b>Public administration</b>	2	--	--	--	--	1	--

Justice, public order, and safety activities	2	--	--	--	--	1	--
Justice, public order, and safety activities	2	--	--	--	--	1	--
Police protection	2	--	--	--	--	1	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> 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.

<sup>4</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. 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, February 19, 2019

**TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Kentucky, 2017**

Industry <sup>1</sup>	Fatal injuries		Private sector wage and salary workers <sup>2</sup>		Government workers <sup>3</sup>		Self-employed workers <sup>4</sup>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	70	100.0	45	100.0	5	100.0	20	100.0
<b>Goods producing</b>	36	51.4	22	48.9	1	20.0	13	65.0
<b>Natural resources and mining</b>	20	28.6	9	20.0	--	--	11	55.0
<b>Agriculture, forestry, fishing and hunting</b>	18	25.7	7	15.6	--	--	11	55.0
Crop production	8	11.4	--	--	--	--	6	30.0
Oilseed and grain farming	2	2.9	--	--	--	--	2	10.0
Soybean farming	1	1.4	--	--	--	--	1	5.0
Other crop farming	1	1.4	--	--	--	--	1	5.0
Tobacco farming	1	1.4	--	--	--	--	1	5.0
Animal production and aquaculture	5	7.1	--	--	--	--	3	15.0
Cattle ranching and farming	3	4.3	--	--	--	--	3	15.0
Forestry and logging	5	7.1	3	6.7	--	--	2	10.0
Logging	5	7.1	3	6.7	--	--	2	10.0
Logging	5	7.1	3	6.7	--	--	2	10.0
<b>Mining<sup>5</sup></b>	2	2.9	2	4.4	--	--	--	--
Mining (except oil and gas)	2	2.9	2	4.4	--	--	--	--
Coal mining	2	2.9	2	4.4	--	--	--	--
Coal mining	2	2.9	2	4.4	--	--	--	--
Bituminous coal and lignite surface mining	1	1.4	1	2.2	--	--	--	--
Bituminous coal underground mining	1	1.4	1	2.2	--	--	--	--
<b>Construction</b>	12	17.1	9	20.0	1	20.0	--	--
<b>Construction</b>	12	17.1	9	20.0	1	20.0	--	--
Construction of buildings	3	4.3	--	--	--	--	--	--
Residential building construction	3	4.3	--	--	--	--	--	--
Residential building construction	3	4.3	--	--	--	--	--	--

New single-family housing construction (except for-sale builders)	3	4.3	--	--	--	--	--	--
Heavy and civil engineering construction	3	4.3	2	4.4	1	20.0	--	--
Utility system construction	1	1.4	1	2.2	--	--	--	--
Oil and gas pipeline and related structures construction	1	1.4	1	2.2	--	--	--	--
Highway, street, and bridge construction	2	2.9	1	2.2	1	20.0	--	--
Highway, street, and bridge construction	2	2.9	1	2.2	1	20.0	--	--
Specialty trade contractors	6	8.6	6	13.3	--	--	--	--
Foundation, structure, and building exterior contractors	3	4.3	3	6.7	--	--	--	--
Roofing contractors	1	1.4	1	2.2	--	--	--	--
Building finishing contractors	1	1.4	1	2.2	--	--	--	--
Drywall and insulation contractors	1	1.4	1	2.2	--	--	--	--
<b>Manufacturing</b>	4	5.7	4	8.9	--	--	--	--
<b>Manufacturing</b>	4	5.7	4	8.9	--	--	--	--
Food manufacturing	1	1.4	1	2.2	--	--	--	--
Animal slaughtering and processing	1	1.4	1	2.2	--	--	--	--
Animal slaughtering and processing	1	1.4	1	2.2	--	--	--	--
Poultry processing	1	1.4	1	2.2	--	--	--	--
Fabricated metal product manufacturing	--	--	--	--	--	--	--	--
Machine shops; turned product; and screw, nut, and bolt manufacturing	1	1.4	1	2.2	--	--	--	--
Machine shops	1	1.4	1	2.2	--	--	--	--
Transportation equipment manufacturing	1	1.4	1	2.2	--	--	--	--
Motor vehicle manufacturing	1	1.4	1	2.2	--	--	--	--
Heavy duty truck manufacturing	1	1.4	1	2.2	--	--	--	--
<b>Service providing</b>	34	48.6	23	51.1	4	80.0	7	35.0
<b>Trade, transportation, and utilities</b>	17	24.3	14	31.1	1	20.0	2	10.0
<b>Utilities</b>	2	2.9	2	4.4	--	--	--	--
Utilities	2	2.9	2	4.4	--	--	--	--
Electric power generation, transmission and distribution	2	2.9	2	4.4	--	--	--	--
Electric power generation	1	1.4	1	2.2	--	--	--	--
Fossil fuel electric power generation	1	1.4	1	2.2	--	--	--	--
Electric power transmission, control, and distribution	1	1.4	1	2.2	--	--	--	--
Electric power distribution	1	1.4	1	2.2	--	--	--	--
<b>Wholesale trade</b>	4	5.7	4	8.9	--	--	--	--
Merchant wholesalers, durable goods	--	--	--	--	--	--	--	--
Lumber and other construction materials merchant wholesalers	--	--	--	--	--	--	--	--
Lumber, plywood, millwork, and wood panel merchant wholesalers	1	1.4	1	2.2	--	--	--	--

<b>Transportation and warehousing</b>	11	15.7	8	17.8	1	20.0	2	10.0
Truck transportation	9	12.9	7	15.6	--	--	2	10.0
General freight trucking	6	8.6	5	11.1	--	--	1	5.0
General freight trucking, local	2	2.9	2	4.4	--	--	--	--
General freight trucking, long-distance	4	5.7	3	6.7	--	--	1	5.0
General freight trucking, long-distance, truckload	2	2.9	1	2.2	--	--	1	5.0
Specialized freight trucking	3	4.3	--	--	--	--	1	5.0
Specialized freight (except used goods) trucking, local	--	--	--	--	--	--	1	5.0
Specialized freight (except used goods) trucking, long-distance	1	1.4	1	2.2	--	--	--	--
Postal service	1	1.4	--	--	1	20.0	--	--
Postal service	1	1.4	--	--	1	20.0	--	--
Postal service	1	1.4	--	--	1	20.0	--	--
Warehousing and storage	1	1.4	1	2.2	--	--	--	--
Warehousing and storage	1	1.4	1	2.2	--	--	--	--
General warehousing and storage	1	1.4	1	2.2	--	--	--	--
<b>Professional and business services</b>	6	8.6	2	4.4	--	--	3	15.0
<b>Professional and technical services</b>	1	1.4	1	2.2	--	--	--	--
Professional, scientific, and technical services	1	1.4	1	2.2	--	--	--	--
Architectural, engineering, and related services	1	1.4	1	2.2	--	--	--	--
Engineering services	1	1.4	1	2.2	--	--	--	--
<b>Administrative and waste services</b>	5	7.1	1	2.2	--	--	3	15.0
Administrative and support services	4	5.7	1	2.2	--	--	3	15.0
Facilities support services	1	1.4	1	2.2	--	--	--	--
Facilities support services	1	1.4	1	2.2	--	--	--	--
Services to buildings and dwellings	3	4.3	--	--	--	--	3	15.0
Landscaping services	3	4.3	--	--	--	--	3	15.0
<b>Educational and health services</b>	3	4.3	2	4.4	--	--	1	5.0
<b>Health care and social assistance</b>	3	4.3	2	4.4	--	--	1	5.0
Ambulatory health care services	2	2.9	1	2.2	--	--	1	5.0
Offices of physicians	1	1.4	1	2.2	--	--	--	--
Offices of physicians	1	1.4	1	2.2	--	--	--	--
Offices of physicians (except mental health specialists)	1	1.4	1	2.2	--	--	--	--
Offices of other health practitioners	1	1.4	--	--	--	--	1	5.0
Offices of all other health practitioners	1	1.4	--	--	--	--	1	5.0
Nursing and residential care facilities	1	1.4	1	2.2	--	--	--	--
Residential intellectual and developmental disability, mental health, and substance abuse facilities	1	1.4	1	2.2	--	--	--	--

Residential intellectual and developmental disability facilities	1	1.4	1	2.2	--	--	--	--
<b>Other services, except public administration</b>	--	--	1	2.2	--	--	--	--
<b>Other services, except public administration</b>	--	--	1	2.2	--	--	--	--
Religious, grantmaking, civic, professional, and similar organizations	1	1.4	1	2.2	--	--	--	--
Religious organizations	1	1.4	1	2.2	--	--	--	--
Religious organizations	1	1.4	1	2.2	--	--	--	--
<b>Public administration</b>	2	2.9	--	--	2	40.0	--	--
<b>Public administration</b>	2	2.9	--	--	2	40.0	--	--
Justice, public order, and safety activities	2	2.9	--	--	2	40.0	--	--
Justice, public order, and safety activities	2	2.9	--	--	2	40.0	--	--
Police protection	2	2.9	--	--	2	40.0	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

<sup>2</sup> May include volunteers and workers receiving other types of compensation.

<sup>3</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry.

<sup>4</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>5</sup> 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. 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, February 19, 2019

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry<sup>1</sup> sector, Kentucky, 2017

Primary source and secondary source <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	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	70	35	20	11	4	30	16	--	--	5	3	--	--
<b>Primary Source<sup>4</sup></b>													
<b>Chemicals and chemical products</b>	4	--	--	--	--	--	1	--	--	--	--	--	--
Chemical products--general	4	--	--	--	--	--	1	--	--	--	--	--	--
Drugs, alcohol, and medicines	4	--	--	--	--	--	1	--	--	--	--	--	--
Drugs--nonmedicinal	3	--	--	--	--	--	--	--	--	--	--	--	--
Multiple drugs, alcohol, medicines	1	--	--	--	--	1	1	--	--	--	--	--	--
<b>Machinery</b>	3	3	3	--	--	--	--	--	--	--	--	--	--
Agricultural and garden machinery	--	--	--	--	--	--	--	--	--	--	--	--	--
Harvesting and threshing machinery	1	1	1	--	--	--	--	--	--	--	--	--	--
Combines	1	1	1	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	1	1	1	--	--	--	--	--	--	--	--	--	--
Conveyors--powered	1	1	1	--	--	--	--	--	--	--	--	--	--
Conveyors--belt	1	1	1	--	--	--	--	--	--	--	--	--	--
<b>Parts and materials</b>	--	--	--	--	--	--	1	--	--	--	--	--	--
Machine, tool, and electric parts	1	--	--	--	--	1	1	--	--	--	--	--	--
Electric parts	1	--	--	--	--	1	1	--	--	--	--	--	--
Power lines, transformers, convertors	1	--	--	--	--	1	1	--	--	--	--	--	--
<b>Persons, plants, animals, and minerals</b>	15	7	7	--	--	7	1	--	--	1	3	1	1
Nonmetallic minerals, except fuel	2	1	1	--	--	1	--	--	--	1	--	--	--
Rocks, crushed stone	1	1	1	--	--	--	--	--	--	--	--	--	--
Person--injured or ill worker	1	--	--	--	--	1	1	--	--	--	--	--	--
Person--other than injured or ill worker	6	--	--	--	--	5	--	--	--	--	3	1	1
Relative or domestic partner of injured or ill worker	1	--	--	--	--	1	--	--	--	--	1	--	--
Spouse or domestic partner of injured or ill worker	1	--	--	--	--	1	--	--	--	--	1	--	--
Patient	1	--	--	--	--	1	--	--	--	--	1	--	--
Other client or customer	1	--	--	--	--	1	--	--	--	--	1	--	--
Assailant, suspect, inmate	2	--	--	--	--	1	--	--	--	--	--	--	1
Robber	1	--	--	--	--	1	--	--	--	--	--	--	1
Suspect not yet apprehended	1	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	5	5	5	--	--	--	--	--	--	--	--	--	--
Trees, logs, limbs	5	5	5	--	--	--	--	--	--	--	--	--	--
Trees	3	3	3	--	--	--	--	--	--	--	--	--	--
Limbs, branches--unattached	2	2	2	--	--	--	--	--	--	--	--	--	--
<b>Structures and surfaces</b>	7	6	--	6	--	--	--	--	--	--	--	--	--
Confined spaces	1	1	--	1	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations	1	1	--	1	--	--	--	--	--	--	--	--	--
Structures other than buildings	1	1	--	1	--	--	--	--	--	--	--	--	--
Scaffolds, staging	1	1	--	1	--	--	--	--	--	--	--	--	--
Scaffolds--self-supporting staging	1	1	--	1	--	--	--	--	--	--	--	--	--
Other structural elements	3	3	--	3	--	--	--	--	--	--	--	--	--
Roofs	3	3	--	3	--	--	--	--	--	--	--	--	--
Existing roof openings, other than skylights	1	1	--	1	--	--	--	--	--	--	--	--	--
<b>Vehicles</b>	36	14	8	3	3	18	12	--	--	4	--	--	--
Rail vehicles	1	--	--	--	--	1	--	--	--	1	--	--	--
Train, locomotive, rail car	1	--	--	--	--	1	--	--	--	1	--	--	--
Freight train	1	--	--	--	--	1	--	--	--	1	--	--	--
Highway vehicles, motorized	25	7	--	3	3	15	11	--	--	2	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	4	1	--	--	--	--	--	--	--	--	--	--	--
Ambulance, police, and other emergency passenger vehicle	1	--	--	--	--	--	--	--	--	--	--	--	--



Automobile	3	1	--	1	--	--	--	--	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	17	4	--	2	2	12	10	--	--	2	--	--	--	--
Semi, tractor-trailer, tanker truck	7	2	--	--	2	5	5	--	--	--	--	--	--	--
Boom truck, bucket or basket hoist truck	2	--	--	--	--	2	--	--	--	2	--	--	--	--
Dump truck	3	--	--	--	--	3	3	--	--	--	--	--	--	--
Delivery truck or van	2	--	--	--	--	1	1	--	--	--	--	--	--	--
Cement truck, concrete mixer truck	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Tow truck	1	1	--	1	--	--	--	--	--	--	--	--	--	--
Multi-purpose highway vehicles	4	--	--	--	1	1	1	--	--	--	--	--	--	--
Pickup truck	3	--	--	--	1	1	1	--	--	--	--	--	--	--
SUV, sports utility vehicle	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Off-road or industrial vehicles--powered	10	7	7	--	--	--	--	--	--	1	--	--	--	--
Off-road passenger vehicles--powered	3	--	--	--	--	1	--	--	--	1	--	--	--	--
ATV, all terrain vehicle	3	--	--	--	--	1	--	--	--	1	--	--	--	--
Tractors, PTOs	6	5	5	--	--	--	--	--	--	--	--	--	--	--
Farm tractor	5	5	5	--	--	--	--	--	--	--	--	--	--	--
Power take-off (PTO)	1	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Secondary Source<sup>5</sup></b>														
<b>Machinery</b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Agricultural and garden machinery	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Plowing, planting, and fertilizing machinery	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Seed planting machinery	1	1	1	--	--	--	--	--	--	--	--	--	--	--
<b>Parts and materials</b>	1	--	--	--	--	1	--	--	--	1	--	--	--	--
Machine, tool, and electric parts	1	--	--	--	--	1	--	--	--	1	--	--	--	--
Electric parts	1	--	--	--	--	1	--	--	--	1	--	--	--	--
Power lines, transformers, convertors	1	--	--	--	--	1	--	--	--	1	--	--	--	--
<b>Persons, plants, animals, and minerals</b>	3	3	3	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	3	3	3	--	--	--	--	--	--	--	--	--	--	--
Trees, logs, limbs	3	3	3	--	--	--	--	--	--	--	--	--	--	--
Trees	3	3	3	--	--	--	--	--	--	--	--	--	--	--
<b>Structures and surfaces</b>	15	9	3	5	1	6	4	--	--	1	--	--	--	--
Structures other than buildings	3	--	--	--	--	3	3	--	--	--	--	--	--	--
Bridges, dams, locks	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Towers, poles	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Utility and telephone poles	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Other structural elements	--	1	1	--	--	--	--	--	--	--	--	--	--	--
Trusses, girders, beams--structurally attached	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Girders, beams, structural steel	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces	10	8	--	5	1	2	1	--	--	1	--	--	--	--
Floors	2	2	--	2	--	--	--	--	--	--	--	--	--	--
Ground	6	5	--	3	--	1	--	--	--	1	--	--	--	--
Curbs, traffic calming bumps, embankments	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Embankments	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Other floors, walkways, ground surfaces	1	1	--	--	1	--	--	--	--	--	--	--	--	--
Ramps, loading docks, dock plates	1	1	--	--	1	--	--	--	--	--	--	--	--	--
<b>Tools, instruments, and equipment</b>	7	--	--	--	--	7	2	--	--	--	--	3	1	1
Handtools--nonpowered	3	--	--	--	--	3	--	--	--	--	--	1	1	1
Cutting handtools--nonpowered	3	--	--	--	--	3	--	--	--	--	--	1	1	1
Knives, unspecified or n.e.c.	3	--	--	--	--	3	--	--	--	--	--	1	1	1
Medical and surgical instruments and equipment	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Medical sharps instruments	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Needles, syringes	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Firearms, law enforcement, and other self-defense equipment	3	--	--	--	--	3	1	--	--	--	--	2	--	--
Firearms	3	--	--	--	--	3	1	--	--	--	--	2	--	--
Pistol, handgun, revolver	1	--	--	--	--	1	1	--	--	--	--	--	--	--
<b>Vehicles</b>	10	3	--	2	1	4	2	--	--	1	--	--	--	--
Highway vehicles, motorized	10	3	--	2	1	4	2	--	--	1	--	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	4	--	--	--	--	--	--	--	--	1	--	--	--	--
Automobile	4	--	--	--	--	--	--	--	--	1	--	--	--	--
Trucks--motorized freight hauling and utility	5	2	--	1	1	2	2	--	--	--	--	--	--	--
Semi, tractor-trailer, tanker truck	2	1	--	--	--	1	1	--	--	--	--	--	--	--
Dump truck	1	1	--	--	--	1	--	--	--	--	--	--	--	--

Garbage, recycling, or refuse truck	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Delivery truck or van	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Multi-purpose highway vehicles	1	1	--	1	--	--	--	--	--	--	--	--	--	--
Pickup truck	1	1	--	1	--	--	--	--	--	--	--	--	--	--
<b>Other sources</b>	3	--	1	--	--	--	--	--	--	--	--	--	--	--
Apparel and textiles	2	1	1	--	--	--	--	--	--	--	--	--	--	--
Clothing and shoes	2	1	1	--	--	--	--	--	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> 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.

<sup>4</sup> The primary source of a fatal occupational injury is the object, substance, person, bodily motion, or exposure which most directly led to, produced, or inflicted the injury or illness.

<sup>5</sup> The secondary source of a fatal occupational injury is the object, substance, person, or exposure, other than the source, if any, which most actively generated the source or contributed to the injury or illness.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." 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, February 19, 2019

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Kentucky, 2017**

Occupation <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
		Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	70	8	28	--	12	7	12
<b>Management occupations</b>	9	--	5	1	--	--	--
Other management occupations	9	--	5	1	--	--	--
Farmers, ranchers, and other agricultural managers	9	--	5	1	--	--	--
Farmers, ranchers, and other agricultural managers	9	--	5	1	--	--	--
<b>Architecture and engineering occupations</b>	1	--	--	--	--	1	--
Architects, surveyors, and cartographers	1	--	--	--	--	1	--
Surveyors, cartographers, and photogrammetrists	1	--	--	--	--	1	--
Surveyors	1	--	--	--	--	1	--
<b>Healthcare practitioners and technical occupations</b>	1	1	--	--	--	--	--
Health diagnosing and treating practitioners	1	1	--	--	--	--	--
Miscellaneous health diagnosing and treating practitioners	1	1	--	--	--	--	--
<b>Protective service occupations</b>	2	1	--	--	--	--	--
Law enforcement workers	2	1	--	--	--	--	--
Police officers	2	1	--	--	--	--	--
Police and sheriff's patrol officers	2	1	--	--	--	--	--
<b>Building and grounds cleaning and maintenance occupations</b>	4	1	1	--	--	1	--
Supervisors of building and grounds cleaning and maintenance workers	1	--	1	--	--	--	--
First-line supervisors of building and grounds cleaning and maintenance workers	1	--	1	--	--	--	--
First-line supervisors of landscaping, lawn service, and groundskeeping workers	1	--	1	--	--	--	--
Building cleaning and pest control workers	1	1	--	--	--	--	--
Building cleaning workers	1	1	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	1	1	--	--	--	--	--
Grounds maintenance workers	2	--	--	--	--	1	--
Grounds maintenance workers	2	--	--	--	--	1	--
Tree trimmers and pruners	2	--	--	--	--	1	--
<b>Personal care and service occupations</b>	1	1	--	--	--	--	--
Other personal care and service workers	1	1	--	--	--	--	--
Personal care aides	1	1	--	--	--	--	--
Personal care aides	1	1	--	--	--	--	--
<b>Office and administrative support occupations</b>	5	1	--	--	--	--	--
Information and record clerks	1	1	--	--	--	--	--

Receptionists and information clerks	1	1	--	--	--	--	--
Receptionists and information clerks	1	1	--	--	--	--	--
Material recording, scheduling, dispatching, and distributing workers	4	--	--	--	--	--	--
Postal service workers	1	--	--	--	--	--	--
Postal service mail carriers	1	--	--	--	--	--	--
Stock clerks and order fillers	3	--	1	--	--	--	--
Stock clerks and order fillers	3	--	1	--	--	--	--
<b>Farming, fishing, and forestry occupations</b>	9	--	--	--	--	--	6
Agricultural workers	4	--	--	--	--	--	--
Miscellaneous agricultural workers	4	--	--	--	--	--	--
Forest, conservation, and logging workers	5	--	--	--	--	--	5
Logging workers	5	--	--	--	--	--	5
Fallers	5	--	--	--	--	--	5
<b>Construction and extraction occupations</b>	15	--	3	--	6	3	--
Construction trades workers	12	--	--	--	5	3	1
Carpenters	4	--	--	--	--	--	--
Carpenters	4	--	--	--	--	--	--
Construction laborers	1	--	--	--	--	--	1
Construction laborers	1	--	--	--	--	--	1
Drywall installers, ceiling tile installers, and tapers	1	--	--	--	1	--	--
Drywall and ceiling tile installers	1	--	--	--	1	--	--
Electricians	1	--	--	--	--	--	--
Electricians	1	--	--	--	--	--	--
Roofers	1	--	--	--	1	--	--
Roofers	1	--	--	--	1	--	--
Other construction and related workers	1	--	1	--	--	--	--
Highway maintenance workers	1	--	1	--	--	--	--
Highway maintenance workers	1	--	1	--	--	--	--
<b>Installation, maintenance, and repair occupations</b>	3	--	1	--	--	1	--
Supervisors of installation, maintenance, and repair workers	1	--	1	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	1	--	1	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	1	--	1	--	--	--	--
Other installation, maintenance, and repair occupations	1	--	--	--	--	1	--
Line installers and repairers	1	--	--	--	--	1	--
Electrical power-line installers and repairers	1	--	--	--	--	1	--
<b>Transportation and material moving occupations</b>	16	1	12	--	--	--	3
Motor vehicle operators	12	1	11	--	--	--	--
Driver/sales workers and truck drivers	12	1	11	--	--	--	--
Heavy and tractor-trailer truck drivers	10	1	9	--	--	--	--
Light truck or delivery services drivers	1	--	1	--	--	--	--
Material moving workers	4	--	1	--	--	--	3
Dredge, excavating, and loading machine operators	1	--	--	--	--	--	--
Loading machine operators, underground mining	1	--	--	--	--	--	--
Laborers and material movers, hand	2	--	--	--	--	--	--
Laborers and freight, stock, and material movers, hand	1	--	--	--	--	--	--

Machine feeders and offbearers	1	--	--	--	--	--	1
Refuse and recyclable material collectors	1	--	1	--	--	--	--
Refuse and recyclable material collectors	1	--	1	--	--	--	--

<sup>1</sup> CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

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

<sup>5</sup> 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. 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, February 19, 2019

**TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Kentucky, 2017**

Occupation <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Total	70	28	17	5	6	6	2
<b>Management occupations</b>	9	5	--	4	1	--	--
Other management occupations	9	5	--	4	1	--	--
Farmers, ranchers, and other agricultural managers	9	5	--	4	1	--	--
Farmers, ranchers, and other agricultural managers	9	5	--	4	1	--	--
<b>Architecture and engineering occupations</b>	1	--	--	--	--	--	--
Architects, surveyors, and cartographers	1	--	--	--	--	--	--
Surveyors, cartographers, and photogrammetrists	1	--	--	--	--	--	--
Surveyors	1	--	--	--	--	--	--
<b>Healthcare practitioners and technical occupations</b>	1	--	--	--	--	1	1
Health diagnosing and treating practitioners	1	--	--	--	--	1	1
Miscellaneous health diagnosing and treating practitioners	1	--	--	--	--	1	1
<b>Protective service occupations</b>	2	--	--	--	--	1	--
Law enforcement workers	2	--	--	--	--	1	--
Police officers	2	--	--	--	--	1	--
Police and sheriff's patrol officers	2	--	--	--	--	1	--
<b>Building and grounds cleaning and maintenance occupations</b>	4	1	1	--	--	1	--
Supervisors of building and grounds cleaning and maintenance workers	1	1	1	--	--	--	--
First-line supervisors of building and grounds cleaning and maintenance workers	1	1	1	--	--	--	--
First-line supervisors of landscaping, lawn service, and groundskeeping workers	1	1	1	--	--	--	--
Building cleaning and pest control workers	1	--	--	--	--	1	--
Building cleaning workers	1	--	--	--	--	1	--
Janitors and cleaners, except maids and housekeeping cleaners	1	--	--	--	--	1	--
Grounds maintenance workers	2	--	--	--	--	--	--
Grounds maintenance workers	2	--	--	--	--	--	--
Tree trimmers and pruners	2	--	--	--	--	--	--
<b>Personal care and service occupations</b>	1	--	--	--	--	1	--
Other personal care and service workers	1	--	--	--	--	1	--
Personal care aides	1	--	--	--	--	1	--
Personal care aides	1	--	--	--	--	1	--
<b>Office and administrative support occupations</b>	5	Page 90	--	--	1	1	1
Information and record clerks	1	--	--	--	--	1	1

Receptionists and information clerks	1	--	--	--	--	1	1
Receptionists and information clerks	1	--	--	--	--	1	1
Material recording, scheduling, dispatching, and distributing workers	4	--	--	--	1	--	--
Postal service workers	1	--	--	--	--	--	--
Postal service mail carriers	1	--	--	--	--	--	--
Stock clerks and order fillers	3	1	--	--	1	--	--
Stock clerks and order fillers	3	1	--	--	1	--	--
<b>Farming, fishing, and forestry occupations</b>	9	--	--	--	--	--	--
Agricultural workers	4	--	--	--	--	--	--
Miscellaneous agricultural workers	4	--	--	--	--	--	--
Forest, conservation, and logging workers	5	--	--	--	--	--	--
Logging workers	5	--	--	--	--	--	--
Fallers	5	--	--	--	--	--	--
<b>Construction and extraction occupations</b>	15	3	--	--	--	--	--
Construction trades workers	12	--	--	--	--	--	--
Carpenters	4	--	--	--	--	--	--
Carpenters	4	--	--	--	--	--	--
Construction laborers	1	--	--	--	--	--	--
Construction laborers	1	--	--	--	--	--	--
Drywall installers, ceiling tile installers, and tapers	1	--	--	--	--	--	--
Drywall and ceiling tile installers	1	--	--	--	--	--	--
Electricians	1	--	--	--	--	--	--
Electricians	1	--	--	--	--	--	--
Roofers	1	--	--	--	--	--	--
Roofers	1	--	--	--	--	--	--
Other construction and related workers	1	1	--	--	1	--	--
Highway maintenance workers	1	1	--	--	1	--	--
Highway maintenance workers	1	1	--	--	1	--	--
<b>Installation, maintenance, and repair occupations</b>	3	1	1	--	--	--	--
Supervisors of installation, maintenance, and repair workers	1	1	1	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	1	1	1	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	1	1	1	--	--	--	--
Other installation, maintenance, and repair occupations	1	--	--	--	--	--	--
Line installers and repairers	1	--	--	--	--	--	--
Electrical power-line installers and repairers	1	--	--	--	--	--	--
<b>Transportation and material moving occupations</b>	16	12	10	--	2	--	--
Motor vehicle operators	12	11	10	--	1	--	--
Driver/sales workers and truck drivers	12	11	10	--	1	--	--
Heavy and tractor-trailer truck drivers	10	9	8	--	1	--	--
Light truck or delivery services drivers	1	1	1	--	--	--	--
Material moving workers	4	1	--	--	1	--	--
Dredge, excavating, and loading machine operators	1	--	--	--	--	--	--
Loading machine operators, underground mining	1	--	--	--	--	--	--
Laborers and material movers, hand	2	--	--	--	--	--	--
Laborers and freight, stock, and material movers, hand	1	--	--	--	--	--	--

Machine feeders and offbearers	1	--	--	--	--	--
Refuse and recyclable material collectors	1	1	--	--	1	--
Refuse and recyclable material collectors	1	1	--	--	1	--

<sup>1</sup> CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> 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. 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, February 19, 2019



**Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Kentucky, 2017**

Worker characteristics	Total fatal injuries (number)	Event or exposure <sup>1</sup>					
		Transportation incidents <sup>2</sup>	Violence and other injuries by persons or animals <sup>3</sup>	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total	70	28	8	12	12	7	--
<b>Employee status</b>							
Wage and salary <sup>4</sup>	50	20	7	9	7	6	--
Self-employed <sup>5</sup>	20	8	1	3	5	1	--
<b>Gender</b>							
Women	7	4	3	--	--	--	--
Men	63	24	5	12	12	7	--
<b>Age</b>							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	--	--	--	--	--	--	--
20 to 24 years	--	--	--	--	--	--	--
25 to 34 years	11	3	2	--	--	3	--
35 to 44 years	13	4	--	3	--	--	--
45 to 54 years	12	5	--	--	2	--	1
55 to 64 years	13	9	2	--	--	--	--
65 years and over	20	7	2	4	6	--	--
<b>Race or ethnic origin<sup>6</sup></b>							
White (non-Hispanic)	61	24	5	11	12	6	--
Black or African-American (non-Hispanic)	5	4	--	--	--	--	--
Hispanic or Latino	--	--	--	--	--	--	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--
Asian (non-Hispanic)	--	--	--	--	--	--	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<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: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. 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, February 19, 2019

**TABLE A-8. Fatal occupational injuries by event or exposure and age, Kentucky, 2017**

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Total	70	--	--	--	--	11	13	12	13	20
<b>Violence and other injuries by persons or animals</b>	8	--	--	--	--	2	--	--	2	2
Intentional injury by person	7	--	--	--	--	2	1	--	2	2
Homicides (Intentional injury by other person)	6	--	--	--	--	2	1	--	1	2
Shooting by other person--intentional	2	--	--	--	--	--	1	--	1	--
Stabbing, cutting, slashing, piercing	3	--	--	--	--	1	--	--	--	2
Suicides (Self-inflicted injury--intentional)	1	--	--	--	--	--	--	--	1	--
Shooting--intentional self-harm	1	--	--	--	--	--	--	--	1	--
<b>Transportation incidents</b>	28	--	--	--	--	3	4	5	9	7
Pedestrian vehicular incident	6	--	--	--	--	--	--	2	2	--
Pedestrian struck by vehicle in work zone	1	--	--	--	--	--	--	--	1	--
Pedestrian struck by forward-moving vehicle in work zone	1	--	--	--	--	--	--	--	1	--
Pedestrian struck by vehicle in roadway	2	--	--	--	--	--	1	1	--	--
Pedestrian struck by forward-moving vehicle in roadway	2	--	--	--	--	--	1	1	--	--
Pedestrian struck by vehicle in nonroadway area	3	--	--	--	--	--	--	1	1	--
Pedestrian struck by forward-moving vehicle in nonroadway area	2	--	--	--	--	--	--	1	1	--
Roadway incidents involving motorized land vehicle	17	--	--	--	--	2	--	3	7	3
Roadway collision with other vehicle	7	--	--	--	--	1	--	1	3	--
Roadway collision--moving in same direction	4	--	--	--	--	--	--	1	2	--
Roadway collision--moving in opposite directions, oncoming	--	--	--	--	--	1	--	--	--	--
Roadway collision with object other than vehicle	5	--	--	--	--	1	1	--	1	--
Vehicle struck object or animal on side of roadway	5	--	--	--	--	1	1	--	1	--
Roadway noncollision incident	4	--	--	--	--	--	--	2	2	--
Jack-knifed or overturned, roadway	4	--	--	--	--	--	--	2	2	--
Nonroadway incident involving motorized land vehicles	5	--	--	--	--	--	--	--	--	4
Nonroadway noncollision incident	5	--	--	--	--	--	--	--	--	4
Jack-knifed or overturned, nonroadway	3	--	--	--	--	--	--	--	--	3
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	--	--	--	--	--	--	--	--	1
<b>Fires and explosions</b>	--	--	--	--	--	--	--	1	--	--
Fires	1	--	--	--	--	--	--	1	--	--
Vehicle or machinery fire	1	--	--	--	--	--	--	1	--	--
<b>Falls, slips, trips</b>	12	--	--	--	--	--	--	2	--	6
Falls to lower level	10	--	--	--	--	--	--	2	--	4
Fall from collapsing structure or equipment	1	--	--	--	--	--	--	1	--	--
Fall from collapsing structure or equipment 11 to 15 feet	1	--	--	--	--	--	--	1	--	--
Fall through surface or existing opening	1	--	--	--	--	--	--	1	--	--
Fall through surface or existing opening 16 to 20 feet	1	--	--	--	--	--	--	1	--	--

Other fall to lower level	8	--	--	--	--	--	--	--	--	4
Other fall to lower level 6 to 10 feet	3	--	--	--	--	--	--	--	--	--
<b>Exposure to harmful substances or environments</b>	7	--	--	--	--	3	--	--	--	--
Exposure to electricity	2	--	--	--	--	1	--	--	--	--
Direct exposure to electricity	1	--	--	--	--	1	--	--	--	--
Direct exposure to electricity, greater than 220 volts	1	--	--	--	--	1	--	--	--	--
Indirect exposure to electricity	1	--	--	--	--	--	--	--	--	--
Indirect exposure to electricity, greater than 220 volts	1	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	4	--	--	--	--	--	--	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	4	--	--	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	1	--	--	--	--	--	1	--	--	--
Drowning, submersion, n.e.c.	1	--	--	--	--	--	1	--	--	--
<b>Contact with objects and equipment</b>	12	--	--	--	--	--	3	--	--	4
Struck by object or equipment	9	--	--	--	--	--	--	--	--	4
Struck by powered vehicle--nontransport	3	--	--	--	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	--	--	--	--	--	--	--	--	--	1
Struck by falling object or equipment--other than powered vehicle	6	--	--	--	--	--	--	--	--	2
Caught in or compressed by equipment or objects	--	--	--	--	--	--	--	1	--	--
Caught in running equipment or machinery	--	--	--	--	--	--	--	1	--	--
Caught in running equipment or machinery during regular operation	--	--	--	--	--	--	--	1	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	1	--	--	--	--	--	1	--	--	--
Excavation or trenching cave-in	1	--	--	--	--	--	1	--	--	--

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

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." 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, February 19, 2019

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry<sup>1</sup> sector, Kentucky, 2017

Event or exposure <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	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	70	35	20	11	4	30	16	--	--	5	3	--	--
<b>Violence and other injuries by persons or animals</b>	8	--	--	--	--	6	1	--	--	--	3	1	1
Intentional injury by person	7	--	--	--	--	6	1	--	--	--	3	1	1
Homicides (Intentional injury by other person)	6	--	--	--	--	5	--	--	--	--	3	1	1
Shooting by other person--intentional	2	--	--	--	--	2	--	--	--	--	2	--	--
Stabbing, cutting, slashing, piercing	3	--	--	--	--	3	--	--	--	--	1	1	1
Suicides (Self-inflicted injury--intentional)	1	--	--	--	--	1	1	--	--	--	--	--	--
Shooting--intentional self-harm	1	--	--	--	--	1	1	--	--	--	--	--	--
<b>Transportation incidents</b>	28	11	6	2	3	14	11	--	--	1	--	--	--
Pedestrian vehicular incident	6	4	1	1	--	1	1	--	--	--	--	--	--
Pedestrian struck by vehicle in work zone	1	1	--	1	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in work zone	1	1	--	1	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in roadway	2	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	2	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	3	3	1	--	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in nonroadway area	2	2	1	--	1	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	17	2	--	1	1	13	10	--	--	1	--	--	--
Roadway collision with other vehicle	7	2	--	1	1	4	--	--	--	1	--	--	--
Roadway collision--moving in same direction	4	1	--	1	--	3	--	--	--	1	--	--	--
Roadway collision--moving in opposite directions, oncoming	--	1	--	--	1	--	--	--	--	--	--	--	--
Roadway collision with object other than vehicle	5	--	--	--	--	5	4	--	--	--	--	--	--
Vehicle struck object or animal on side of roadway	5	--	--	--	--	5	4	--	--	--	--	--	--
Roadway noncollision incident	4	--	--	--	--	4	4	--	--	--	--	--	--
Jack-knifed or overturned, roadway	4	--	--	--	--	4	4	--	--	--	--	--	--
Nonroadway incident involving motorized land vehicles	5	5	5	--	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	5	5	5	--	--	--	--	--	--	--	--	--	--
Jack-knifed or overturned, nonroadway	3	3	3	--	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	1	1	--	--	--	--	--	--	--	--	--	--
<b>Fires and explosions</b>	--	1	1	--	--	--	--	--	--	--	--	--	--
Fires	1	1	1	--	--	--	--	--	--	--	--	--	--
Vehicle or machinery fire	1	1	1	--	--	--	--	--	--	--	--	--	--
<b>Falls, slips, trips</b>	12	9	3	6	--	3	--	--	--	--	--	--	--
Falls to lower level	10	8	3	5	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment	1	1	--	1	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment 11 to 15 feet	1	1	--	1	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening	1	1	--	1	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening 16 to 20 feet	1	1	--	1	--	--	--	--	--	--	--	--	--
Other fall to lower level	8	6	3	3	--	--	--	--	--	--	--	--	--
Other fall to lower level 6 to 10 feet	3	--	--	--	--	--	--	--	--	--	--	--	--
<b>Exposure to harmful substances or environments</b>	7	--	--	--	--	5	--	--	--	2	--	--	--
Exposure to electricity	2	--	--	--	--	2	1	--	--	1	--	--	--
Direct exposure to electricity	1	--	--	--	--	1	1	--	--	--	--	--	--
Direct exposure to electricity, greater than 220 volts	1	--	--	--	--	1	1	--	--	--	--	--	--
Indirect exposure to electricity	1	--	--	--	--	1	--	--	--	1	--	--	--
Indirect exposure to electricity, greater than 220 volts	1	--	--	--	--	1	--	--	--	1	--	--	--
Exposure to other harmful substances	4	--	--	--	--	--	--	--	--	--	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	4	--	--	--	--	--	--	--	--	--	--	--	--

Exposure to oxygen deficiency, n.e.c.	1	--	--	--	--	1	--	--	--	1	--	--	--
Drowning, submersion, n.e.c.	1	--	--	--	--	1	--	--	--	1	--	--	--
<b>Contact with objects and equipment</b>	<b>12</b>	<b>10</b>	<b>9</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Struck by object or equipment	9	8	8	--	--	--	--	--	--	--	--	--	--
Struck by powered vehicle--nontransport	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	6	6	6	--	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	1	1	--	1	--	--	--	--	--	--	--	--	--
Excavation or trenching cave-in	1	1	--	1	--	--	--	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> 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. 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, February 19, 2019