

2017 KENTUCKY OCCUPATIONAL INJURY, ILLNESS & FATALITY REPORT

Based on 2015 BLS data

KySafe.ky.gov

Report prepared by: Kentucky Labor Cabinet Department of Workplace Standards Division of Occupational Safety and Health Education and Training Statistical Services Branch

> Research Analysts Jamie Ballinger Darlene Garr Margaret Miles

Chasidy Hawkins, CFOI Program Coordinator

Heather Damron, Branch Manager

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 are extended 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 that is 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 is a survey that 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 that involve one or more days away from work, it also 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 <u>2012 North American Industry Classification</u> <u>System</u> (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:

<u>Count of cases X 200,000</u> Hours Worked = Incidence Rate

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

Tables are available on request or through the <u>website www.bls.gov/iif</u>

SOII 2016 Summary

The SOII 2015 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 3.8 in 2014 to 3.7 in 2015 – reflecting the most recent data available. This rate has steadily declined since it was first calculated in 1997, when a rate of 8.4 was reported.

Five sectors in the Commonwealth saw significant improvements in industry-specific incident rates. Comparing data from 2014 and 2015, Cement and Concrete Product Manufacturing improved by 9.8 points; Sawmill and Wood Preservation improved by 9.2 points; Nonmetallic Mineral Product Manufacturing improved by 5.6 points; Wood Product Manufacturing improved by 2.0 points; and, Machine Shops improved by 4.0 points.

Kentucky Businesses Set All-Time Low Occupational Injury Rate

Jarrad HensleyJarrad.Hensley@ky.gov502-564-3219

Frankfort, Ky. (Jan. 23, 2017) – According to a recent report from the U.S. Bureau of Labor Statistics (BLS), Kentucky employers reported the lowest incident rate for nonfatal occupational injuries and illnesses in the state's history.

Based on a mathematical calculation that describes the number of recordable incidents per 100 fulltime employees, Kentucky's rate improved from 3.8 in 2014 to 3.7 in 2015 – reflecting the most recent data available. This rate has steadily declined since it was first calculated in 1996, when a rate of 8.4 was reported.

"Improving workplace safety for all 1.9 million workers in the Commonwealth is the Labor Cabinet's top priority," Labor Secretary Derrick Ramsey stated. "While setting an all-time low for the number of workplace injuries and illnesses is an important feat, it is also important that we stay steadfast in our mission to make the Commonwealth the safest place to work and do business in the country. We want every Kentuckian to go home safe and sound at the end of a day's work, and maintaining a culture of workplace safety is an important foundation to accomplish Gov. Bevin's goal of making Kentucky the engineering and manufacturing hub of excellence in the nation."

According to the BLS report, approximately 2.9 million nonfatal workplace injuries and illnesses were reported nationally by private industry employers in 2015 – resulting in 48,000 fewer injuries from the prior year. This produced a national injury and illness rate of 3.0.

Five sectors in the Commonwealth saw significant improvements in industry-specific incident rates. Comparing data from 2014 and 2015, *Cement and Concrete Product Manufacturing* improved by 9.8 points; *Sawmill and Wood Preservation* improved by 9.2 points; *Nonmetallic Mineral Product Manufacturing* improved by 5.6 points; *Wood Product Manufacturing* improved by 2.0 points; and, *Machine Shops* improved by 4.0 points.

The Labor Cabinet's Division of Occupational Safety & Health Education & Training leads the Cabinet's proactive efforts to create safe and healthful workplace conditions. This includes providing free consultative services to employers across Kentucky on ways to increase workplace safety – including how to improve injury and illness rates. Services include free on-site consultations to small employers, as well as other compliance assistance, educational materials, and class-style and online training for all employers.

Last year, the Division conducted 334 consultative surveys identifying and ensuring the abatement of 3,154 serious hazards. Also, 129 training courses were conducted, reaching approximately 4,400 attendees in response to training requests from employers.

Employers and employees all across Kentucky and the nation have access to cost-free safety and health eLearning programs on the Labor Cabinet's eTrain website. Since the launch of this program, 100,000 participants have utilized this service. This free initiative saves employers money and reduces workplace injuries. Consultants from state agencies or universities work with small and medium-sized businesses to identify workplace hazards, provide advice on compliance with OSHA standards, and help employers establish injury and illness prevention programs.

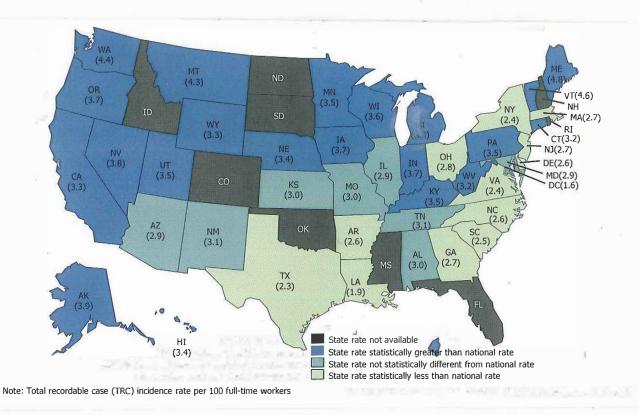
In addition to these training and education programs, the Division of Compliance is responsible for the enforcement of safety and health standards. Compliance officers inspect workplaces for hazardous conditions and issue citations where violations of standards are found. Inspections may

be the result of regular scheduling, imminent danger reports, fatalities, and worker complaints or referrals. Overall, both the education and enforcement responsibilities of the Cabinet comprise a comprehensive goal to "Plan, Prevent and Protect" Kentucky's workforce.

Follow the Kentucky Labor Cabinet on Facebook and Twitter for all the latest updates.

National Incidence Rates

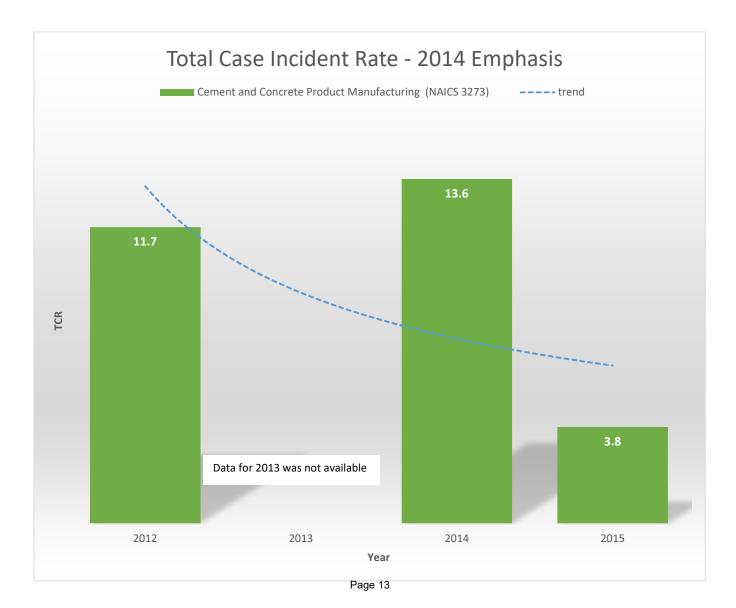
State nonfatal occupational injury and illness incident rates, Private Industry 2015

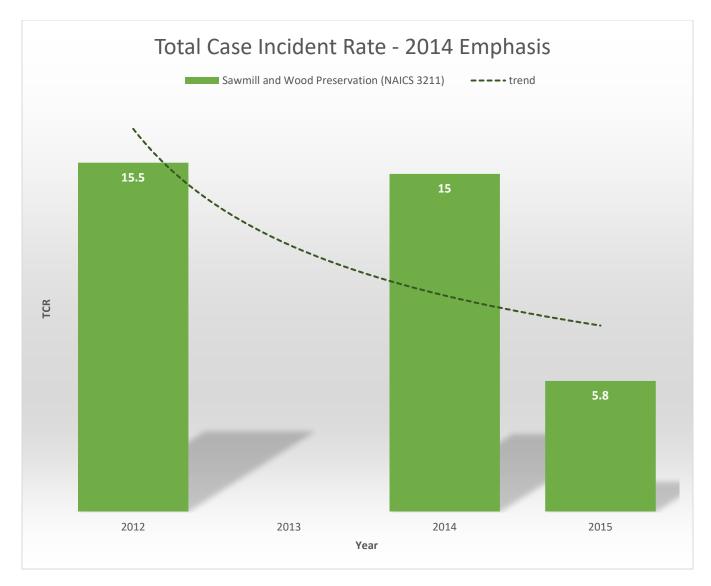


* Note does not include Public

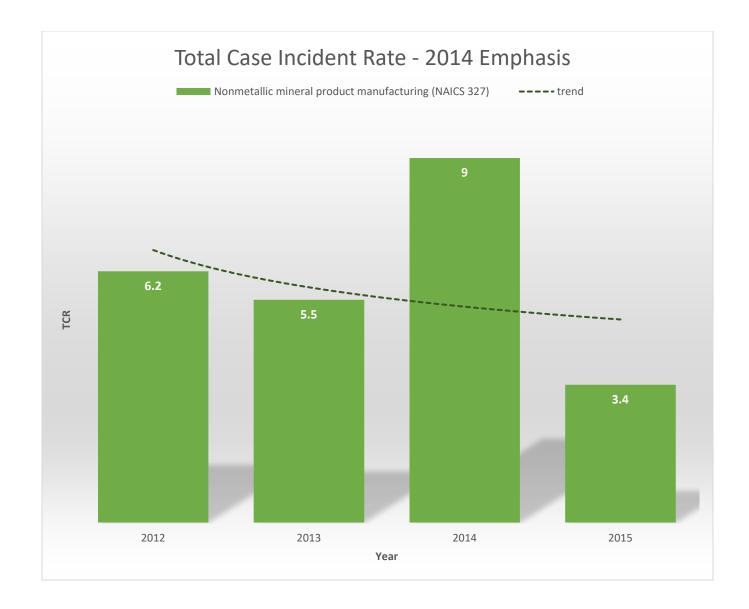
Emphasis Programs

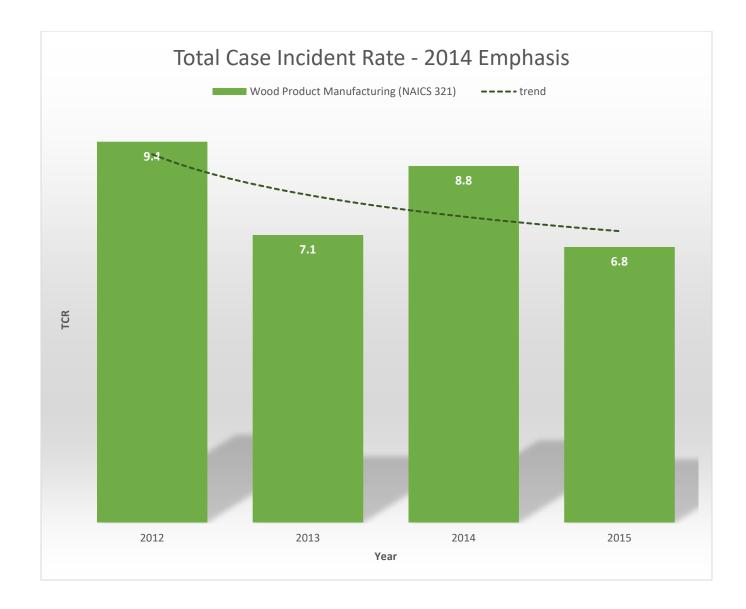
In an effort to address high hazard industry issues, the Division of OSH Education and Training uses the data from the Bureau of Labor Statistics, Survey of Occupational Injury and Illness report to target employers in the industries with the highest injury and illness rates. The graphs below represent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

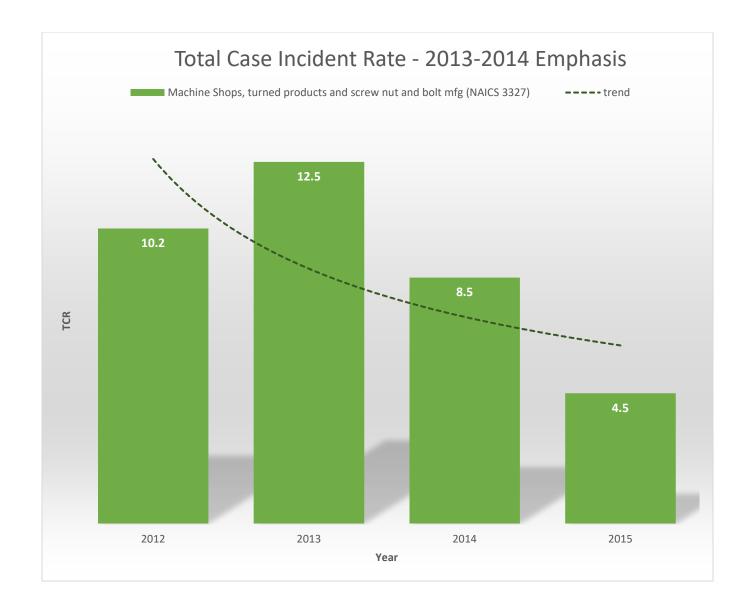


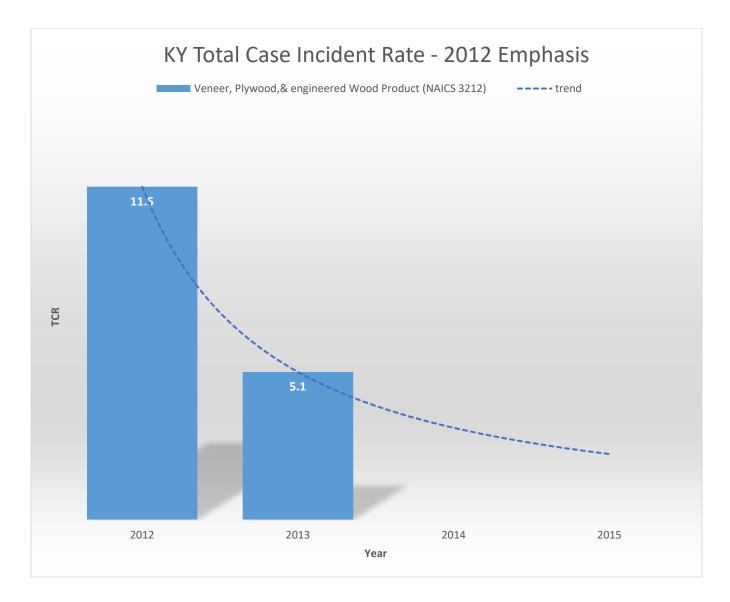


Data for 2013 was not available



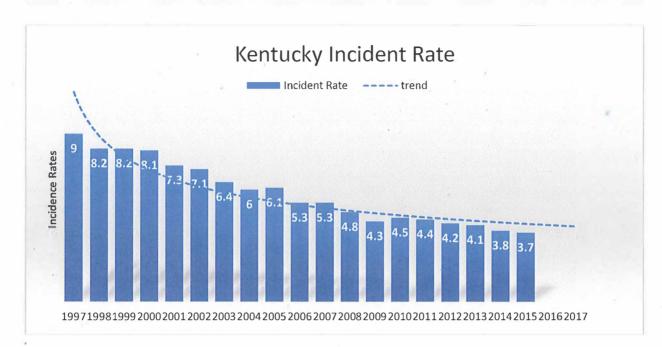






Data for 2014 and 2015 was not available

Kentucky Incidence Rate Trend



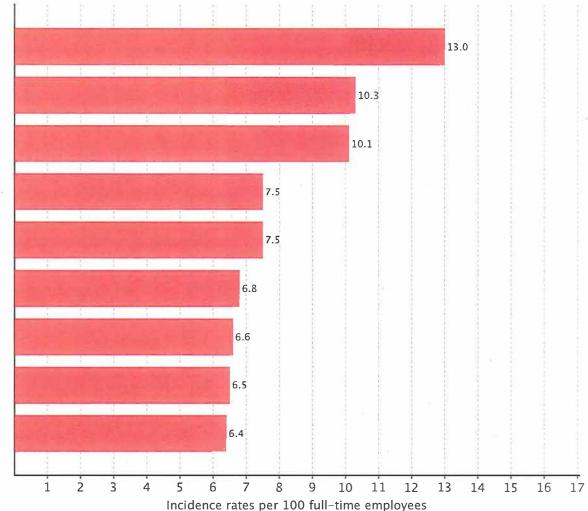
SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses.

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

<u>Count of cases X 200,000</u> Hours Worked = Incidence Rate

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

	2015	
NAICS	DESCRIPTION	RATE
KY-3.7		
NA-3.0		
485	Transit and Ground Passenger Transportation	13.0
623	Nursing and Residential Care Facilities	10.3
92214	Correctional Institutions	10.1
48-49	Transportation and Warehousing	9.5
92	Public administration	7.5
321	Wood product manufacturing	6.8
3331	Agriculture, construction, and mining machinery manufacturing	6.8
3219	Other wood product manufacturing	6.7
3335	Metalworking machinery manufacturing	6.7
336	Transportation equipment manufacturing	6.5



Industries with the highest incidence rates of total nonfatal occupational injuries and illnesses, Kentucky, 2015 [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

Local government Transit and ground passenger transportation

State government Nursing and residential care facilities

Private industry Support activities for agriculture and forestry

Private industry Animal production and aquaculture

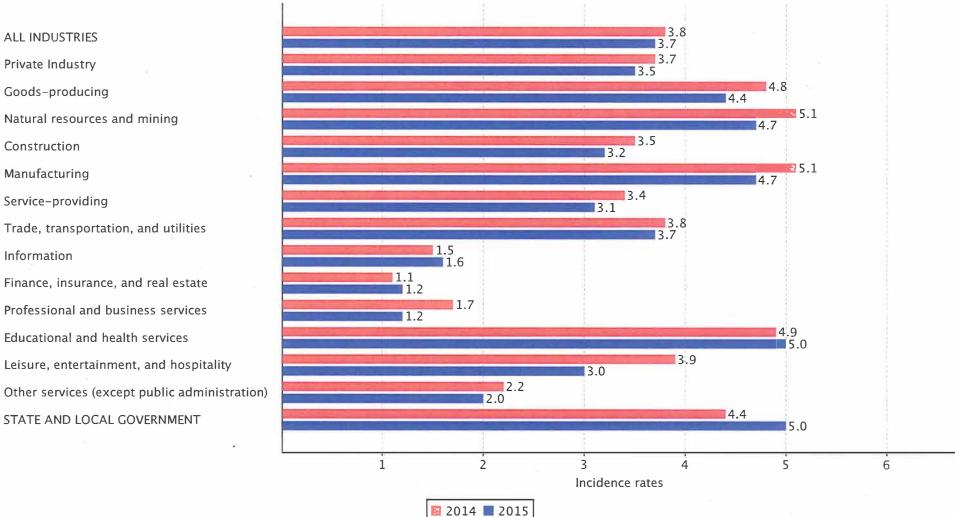
Private industry Nursing and residential care facilities

Private industry Wood product manufacturing

Local government Justice, public order, and safety activities

Private industry Transportation equipment manufacturing

Private industry Social assistance



Incidence rates per 100 full-time workers for total nonfatal occupational injuries and illnesses by major industry sector, Kentucky , 2014 & 2015 [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

ALL INDUSTRIES

Private Industry

Construction

Manufacturing

Information

Service-providing

Goods-producing

Natural resources and mining

Trade, transportation, and utilities

Finance, insurance, and real estate

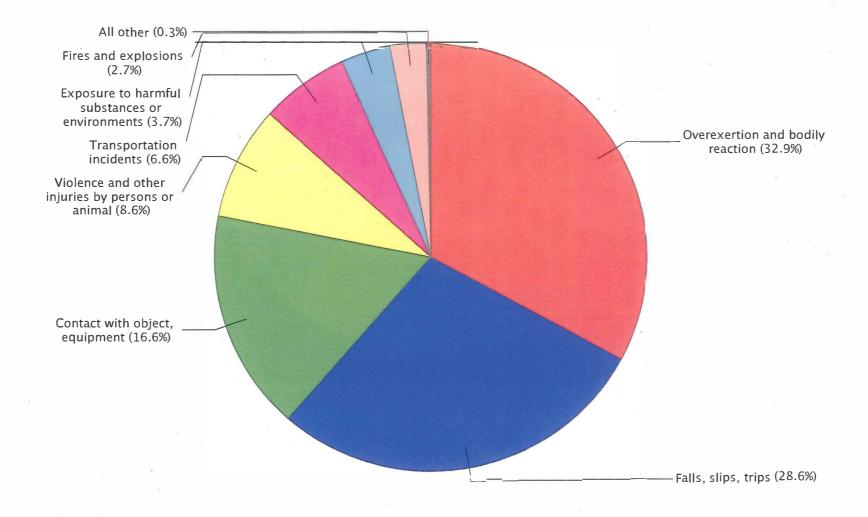
Professional and business services

Educational and health services

STATE AND LOCAL GOVERNMENT

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Distribution of injuries and illnesses by event or exposure, state and local government combined, Kentucky, 2015 [Total Cases = 3,010]



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

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, 2015

[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

Goods-producing

Construction

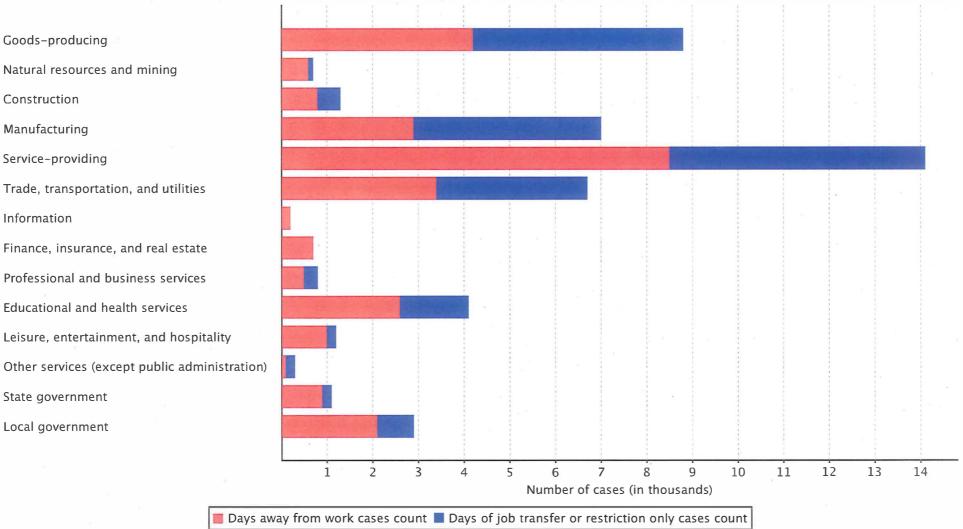
Manufacturing

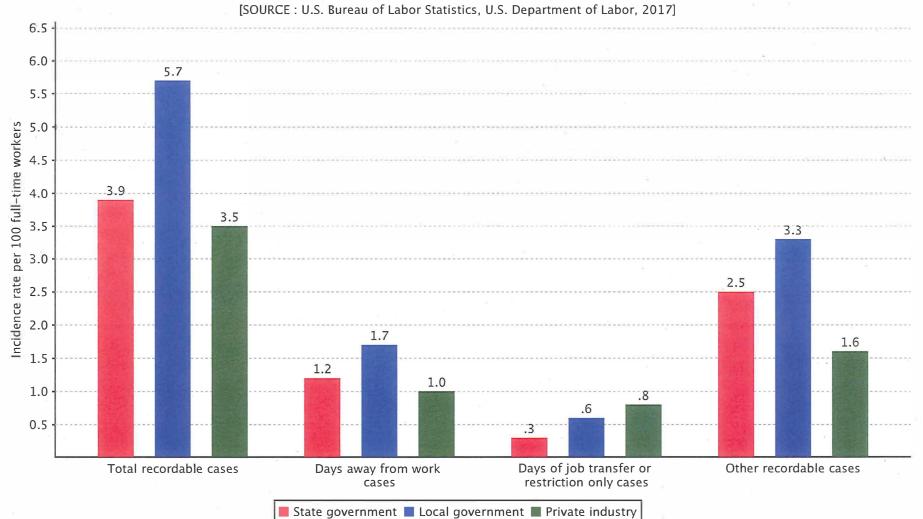
Information

Service-providing

State government

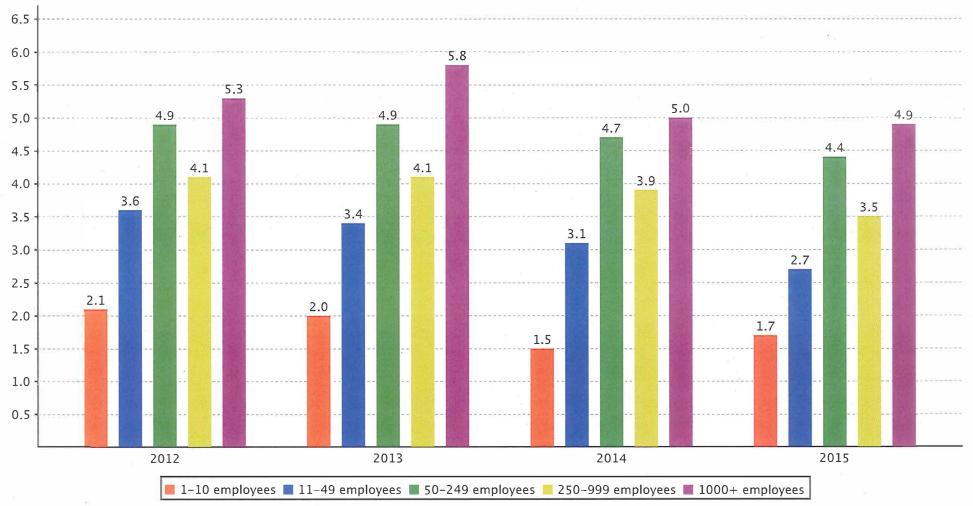
Local government





Nonfatal occupational injury and illness incidence rates by case type and ownership, Kentucky, 2015

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Incidence rates of occupational injuries and illnesses by size class, Kentucky, 2012–2015 [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	_
All industries including state and local government ⁵		3.7	1.9	1.1	0.8	1.8
Private industry ⁵		3.5	1.9	1.0	0.8	1.6
Goods-producing ⁵		4.4	2.6	1.3	1.4	1.8
Natural resources and mining ^{5,6}		4.7	2.8	2.5	0.3	2.0
Agriculture, forestry, fishing and hunting ⁵		7.9	3.5	2.7	0.8	4.4
Crop production ⁵	111					
Animal production and aquaculture ⁵	112	7.5	5.1	3.8		2.4
Support activities for agriculture and forestry	115	10.1	3.5	2.8	0.7	6.6
Mining, quarrying, and oil and gas extraction ⁶		3.5	2.5	2.4	0.1	1.0
Oil and gas extraction	211					
Mining (except oil and gas) ⁷	212	3.8	2.6	2.4	0.2	1.2
Construction		3.2	1.8	1.1	0.7	1.4
Construction		3.2	1.8	1.1	0.7	1.4
Construction of buildings	236	2.8	1.6	0.6		1.2
Heavy and civil engineering construction	237	3.9	2.2	2.0	0.3	1.6
Specialty trade contractors	238	3.1	1.7	1.0	0.7	1.4
Manufacturing		4.7	2.9	1.2	1.7	1.9
Manufacturing		4.7	2.9	1.2	1.7	1.9
Food manufacturing	311	3.6	2.4	1.0	1.4	1.3

	· · · · · ·						
Industry ²	NAICS code ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases	
				Cases with	Cases		
			Total	days away	with job transfer or		
Beverage and tobacco product manufacturing	312	4.2	2.4	from work ⁴	restriction 1.2	1.9	
Apparel manufacturing	312	4.2		1.2	1.2 24 	1.9	
Wood product manufacturing	315	6.8	4.0	2.2		2.8	
-	321	2.9	4.0	0.7	1.0	1.2	
Paper manufacturing Printing and related support activities	323	2.9	2.2	1.3		1.7	
	325	3.8	1.7	0.8		2.0	
Chemical manufacturing Plastics and rubber products manufacturing	325	3.0	2.1	0.8		1.0	
Nonmetallic mineral product manufacturing	320	3.4	2.1	1.9		1.0	
	327		2.4	0.9			
Primary metal manufacturing	332	3.9 5.3	2.5	1.3		1.6 2.7	
Fabricated metal product manufacturing	333		2.0	1.3		2.0	
Machinery manufacturing	334	4.7					
Computer and electronic product manufacturing		0.6	0.3			0.3	
Transportation equipment manufacturing	336	6.5	4.1	1.3		2.4	
Furniture and related product manufacturing	337	4.0	2.9	1.4		1.0	
Miscellaneous manufacturing	339	4.6	3.2	0.5	2.8	1.3	
Service-providing		3.1	1.6	0.9	0.6	1.6	
Trade, transportation, and utilities ⁸		3.7	2.1	1.1	1.0	1.6	
Wholesale trade		4.6	2.2	1.2	1.1	2.3	
Merchant wholesalers, durable goods	423	5.2	1.7	1.1	0.7	3.5	
Retail trade		3.2	1.8	0.9	0.9	1.4	
Motor vehicle and parts dealers	441	2.6	1.1	0.7	0.3	1.6	
Building material and garden equipment and supplies dealers	444	3.5	2.4	1.1	1.3	1.2	
Food and beverage stores	445	4.0	2.6	1.4	1.2	1.3	
Gasoline stations	447	2.5	0.9			1.6	
General merchandise stores	452	4.6	2.6	1.1	1.6	1.9	
Transportation and warehousing ⁸		4.0	2.7	1.4	1.3	1.3	

Industry ²	NAICS code ³	Total recordable cases		ith days away from w ransfer, or restriction		Other recordable cases
1 ^m			Total	Cases with days away from work ⁴	Cases with job transfer or restriction	
Rail transportation ⁸ Truck transportation Support activities for transportation	482 484 488	1.1 3.8 2.3	0.8 2.6 1.4	0.8 1.9 	 0.7 	 1.2 1.0
Warehousing and storage Utilities	493	3.6	2.6 0.4	0.9	1.7 	1.0
Utilities	221	1.6	0.4			1.2
Information		1.6	1.0 1.0	0.8		0.7
Publishing industries (except internet) Telecommunications Data processing, hosting, and related services	511 517 518	0.8 3.1 0.9	 2.2 0.2	 1.9 		0.7 0.8 0.6
Finance, insurance, and real estate		1.2	0.9	0.8	0.1	0.4
Finance and insurance Real estate and rental and leasing		0.6 3.7	0.3	0.3 3.0		0.3
Professional and business services		1.2	0.5	0.3	0.2	0.6
Professional, scientific, and technical services		0.9	0.2	0.2	s 0.1	0.6
Management of companies and enterprises		1.2	0.6	0.5		0.7
Administrative and support and waste management and remediation services		1.5	0.9	0.5	0.4	0.6

Industry ²	NAICS code ³	Total recordable cases		th days away from w ransfer, or restrictior		Other recordable cases
			Total	Cases with days away from work⁴	Cases with job transfer or restriction	
Administrative and support services	561	1.6	0.9	0.5	0.4	0.7
Educational and health services		5.0	2.1	1.4	0.8	2.9
Educational services		2.5	0.9	0.6	0.2	1.6
Health care and social assistance		5.2	2.2	1.4	0.8	3.0
Ambulatory health care services	621	2.6	0.9	0.7	0.2	1.8
Hospitals	622	6.2	2.5	1.4	1.1	3.7
Nursing and residential care facilities	623	7.5	4.5	2.5	2.0	3.0
Social assistance	624	6.4	2.0	1.9	0.1	4.4
Leisure, entertainment, and hospitality		3.0	1.1	0.9	0.2	1.8
Arts, entertainment, and recreation		2.6	1.2	0.9	0.3	1.4
Accommodation and food services		3.0	1.1	0.9	0.2	1.9
Accommodation	721	2.5	1.3	1.0	0.3	1.1
Food services and drinking places	722	3.0	1.1	0.9	0.2	2.0
Other services (except public administration)		2.0	1.0	0.3	0.7	1.0
Other services (except public administration)		2.0	- 1.0	0.3	0.7	1.0
Repair and maintenance	811	1.6	1.0	0.2	0.8	0.7
Personal and laundry services	812	2.9	1.3		1.1	1.6
State and local government ⁵		5.0	2.0	1.5	0.5	3.0
State government ⁵		3.9	1.4	1.2	0.3	2.5

Industry ²	NAICS code ³	recordable		Cases with days away from work, job transfer, or restriction			
	τ		Total	Cases with days away from work ⁴	Cases with job transfer or restriction		
Service-providing		3.9	1.4	1.2	0.3	2.5	
Educational and health services		4.1	1.6	1.3	0.3	2.5	
Educational services		2.3	0.9	0.7	0.2	1.4	
Educational services	611	2.3	0.9	0.7	0.2	1.4	
Health care and social assistance							
Nursing and residential care facilities	623	10.3	5.1	3.8	1.3	5.2	
Public administration		3.7	1.1	0.9	0.2	2.6	
Public administration		3.7	1.1	0.9	0.2	2.6	
Executive, legislative, and other general government support	921	1.4	0.4	0.4		1.0	
Justice, public order, and safety activities	922	4.1	1.4	1.4		2.7	
Local government ⁵		5.7	2.4	1.7	0.6	3.3	
Service-providing		5.7	2.4	1.7	0.6	3.3	
Trade, transportation, and utilities ⁸		5.1	2.8	2.1	0.7	2.3	
Transportation and warehousing ⁸		9.5	5.5	4.4	1.0	4.0	
Transit and ground passenger transportation	485	13.0	7.1	5.8	1.3	5.9	
Utilities		3.4	1.7	1.2	0.5	1.7	
Utilities	221	3.4	1.7	1.2	0.5	1.7	

Industry ²	NAICS code ³	Total recordable cases		ith days away from w transfer, or restrictior		Other recordable cases		
			Total	Cases with days away from work ⁴	Cases with job transfer or restriction			
Educational and health services		5.0	1.6		0.4	3.4		
Educational services		5.1	1.6	1.3	0.3	3.4		
Educational services	611	5.1	1.6	1.3	0.3	3.4		
Health care and social assistance				-	-	•= 		
Nursing and residential care facilities	623	6.1						
Public administration	×.	7.5	4.0	2.8	1.1	3.5		
Public administration		7.5	4.0	2.8	1.1	3.5		
Justice, public order, and safety activities	922	6.6	2.8	2.3	0.5			

Industry ²	NAICS Total code ³ cases	recordable	recordable	vode ³ recordable	recordable		vith days away from v transfer, or restriction		Other recordable cases
	i.		Total	Cases with days away from work⁴	Cases with job transfer or restriction				
 ¹ Incidence rates represent the number of injuries and/or illnesses per 100 full-time workers and were calculated as: (N / EH) X 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). 									
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, January 09, 2017									

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2015

(In thousands)

(In thousands)						
Industry ¹	NAICS code ²	Total recordable cases	Cases wi t	Other recordable cases		
-			Total	Cases with days away from work ³	Cases with job transfer or restriction	
All industries including state and local government ⁴		53.3	27.0	15.7	11.2	26.3
Private industry ⁴		43.3	23.0	12.7	10.3	20.3
Goods-producing ⁴		14.8	8.9	4.2	4.6	6.0
Natural resources and mining ^{4,5}		1.1	0.6	0.6	0.1	0.5
Agriculture, forestry, fishing and hunting ⁴		0.5	0.2	0.2	0.1	0.3
Crop production ⁴	111	(⁸)	(⁸)	(⁸)	(⁸)	(8)
Animal production and aquaculture ⁴ Support activities for agriculture and forestry	112 115	0.2		0.1 0.1	 (⁸)	0.1 0.2
Mining, quarrying, and oil and gas extraction ⁵		0.6	0.4	0.4		0.2
Oil and gas extraction Mining (except oil and gas) ⁶	211 212	(⁸) 0.5	(⁸) 0.3	(⁸) 0.3	(⁸) (⁸)	(⁸) 0.2
Construction		2.2	1.3	0.8	0.5	1.0
Construction		2.2	1.3	0.8	0.5	1.0
Construction of buildings	236	0.4	0.2	0.1		0.2
Heavy and civil engineering construction	237			0.2	1 14	0.2
Specialty trade contractors	238	1.3	0.7	0.4	0.3	0.6
Manufacturing		11.5	7.0	2.9	4.1	4.6
Manufacturing		. 11.5	7.0	2.9	4.1	4.6
Food manufacturing	311	1.0	0.7	0.3	0.4	0.3

(In thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with	Cases	
				days away from work ³	with job transfer or restriction	
Beverage and tobacco product manufacturing	312	0.3	0.2	0.1	0.1	0.1
Apparel manufacturing	315	(⁸)	(⁸)	(⁸)		
Wood product manufacturing	321	0.7	0.4	0.2	0.2	0.3
Paper manufacturing	322	0.3	0.2	0.1	0.1	0.1
Printing and related support activities	323	0.4	0.2	0.1	0.1	0.2
Chemical manufacturing	325	0.5	0.2	0.1	0.1	0.3
Plastics and rubber products manufacturing	326	0.5	0.3	0.1	0.2	0.2
Nonmetallic mineral product manufacturing	327	0.2	0.2	0.1	(⁸)	0.1
Primary metal manufacturing	331	0.5	0.3	0.1	0.2	0.2
Fabricated metal product manufacturing	332	1.1	0.5	0.3	0.3	0.6
Machinery manufacturing	333	1.0	0.6	0.2	0.3	0.4
Computer and electronic product manufacturing	334	(⁸)	(⁸)	(⁸)		(⁸)
Transportation equipment manufacturing	336	4.0	2.5	0.8	1.7	1.5
Furniture and related product manufacturing	337	0.1	0.1	0.1	0.1	(⁸)
Miscellaneous manufacturing	339	0.2	0.2	(⁸)	0.1	0.1
Service-providing	_	28.5	14.1	8.5	5.6	14.3
Trade, transportation, and utilities ⁷		11.8	6.7	3.4	3.3	5.0
Wholesale trade	ж. — — — — — — — — — — — — — — — — — — —	3.1	1.5	0.8	0.7	1.6
Merchant wholesalers, durable goods	423	1.8	0.6	0.4	0.2	1.2
Retail trade		5.1	2.8	1.4	1.4	2.3
Motor vehicle and parts dealers	441	0.6	0.3	0.2	0.1	0.4
Building material and garden equipment and supplies dealers	444	0.6	0.4	0.2	0.2	0.2
Food and beverage stores	445	1.0	0.7	0.4	0.3	0.3
Gasoline stations	447	0.3	0.1			0.2
General merchandise stores	452	1.6	0,9	0.4	0.6	0.7
Transportation and warehousing ⁷		3.5	2.4	1.3	1.1	1.2

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2015 - Continued

(In thousands)

NAICS code ² 482 484	Total recordable cases (⁸)		th days away from w ransfer, or restriction Cases with days away		Other recordable cases
	(8)	Total	days away		
	(⁸)		from work ³	restriction	
488	1.0 0.2	(⁶) .0.7 0.1	(⁸) 0.5 		(⁸) 0.3 0.1
493	0.8 0.1	0.6 (⁸)	0.2 (⁸)	0.4	0.2
221	0.1	(⁸)	(⁸)	x	0.1
	0.4	0.2	0.2		0.2
511 517 518	(⁶) 0.3 0.1	([§]) 0.2 ([§])	(⁸) 0.2 (⁶)	([®]) ([®])	(⁶) 0.1 (⁶)
	1.0	0.7	0.7	(⁸)	0.3
	0.4 0.6	0.2	0.2		0.2
	1.7	0.8	0.5	0.3	0.9
	0.6	0.2	0.1	0.1	0.4
	0.2	0.1	0.1	(⁶) 0.2	0.1
	511 517	221 0.1 0.4 0.4 511 (⁸) 517 0.3 518 0.1 1.0 0.4 0.6 1.7 0.6 0.2	$\begin{array}{c ccccc} 221 & 0.1 & (^{6}) \\ 0.4 & 0.2 \\ 0.4 & 0.2 \\ 0.4 & 0.2 \\ 511 & (^{6}) & (^{6}) \\ 517 & 0.3 & 0.2 \\ 518 & 0.1 & (^{6}) \\ 1.0 & 0.7 \\ 0.4 & 0.2 \\ 0.4 & 0.2 \\ 0.6 & 0.5 \\ 1.7 & 0.8 \\ 0.6 & 0.2 \\ 0.2 & 0.1 \end{array}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2015 - Continued

(In thousands)

(In thousands)			6			
Industry ¹		Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work ³	Cases with job transfer or restriction	ñ.
Administrative and support services	561	0.9	0.5		0.2	0.4
Educational and health services		9.7	4.1	2.6	1.5	5.6
Educational services	<	0.3	0.1	0.1	(⁸)	0.2
Health care and social assistance		9.3	4.0	2.5	1.5	5.4
Ambulatory health care services	621	1.7	0.6	0.4	0.1	1.1
Hospitals	622	3.5	1.4	0.8	0.6	2.1
Nursing and residential care facilities	623	2.5	1.5	0.8	0.7	1.0
Social assistance	624	1.7	0.5	0.5	(⁸)	1.1
Leisure, entertainment, and hospitality		3.3	1.2	1.0	0.2	2.0
Arts, entertainment, and recreation		0.3	0.1	0.1	(⁸)	0.1
Accommodation and food services		3.0	1.1	0.9	0.2	1.9
Accommodation	721	0.3	0.1	0.1	(8)	0.1
Food services and drinking places	722	2.7	1.0			1.8
Other services (except public administration)		0.6	0.3	0.1	0.2	0.3
Other services (except public administration)		0.6	0.3	0.1	0.2	0.3
Repair and maintenance	811	0.3	0.2	(⁸)	0.1	0.1
Personal and laundry services	812	0.2	0.1		0.1	0.1
State and local government ⁴		9.9	4.0	3.0	1.0	6.0
State government ⁴		2.9	1.1	0.9	0.2	1.9

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2015 - Continued

(In thousands)

Industry ¹	NAICS code ²	Total recordable cases	Cases w t	Other recordable cases		
			Total	Cases with days away from work ³	Cases with job transfer or restriction	
Service-providing		2.9	1.1	0.9		1.9
Educational and health services		1.9	0.8	0.6	0.2	1.2
Educational services		0.8	0.3	0.2	0.1	0.5
Educational services	611	0.8	0.3	0.2	0.1	0.5
Health care and social assistance					÷	
Nursing and residential care facilities	623	0.2	0.1	0.1	(⁸)	0.1
Public administration		1.0	0.3	0.2	(⁸)	0.7
Public administration		1.0	0.3	0.2	(⁸)	0.7
Executive, legislative, and other general government support Justice, public order, and safety activities	921 922	0.1 0.5	(⁸) 0.2	(⁸) 0.2	(⁸) (⁸)	(⁸) 0.3
Local government ⁴		7.0	2.9	2.1	0.8	4.1
Service-providing		7.0	2.9	2.1	0:8	4.1
Trade, transportation, and utilities ⁷		0.4	0.2	0.2	(⁸)	0.2
Transportation and warehousing ⁷		0.2	0.1	0.1	(⁸)	0.1
Transit and ground passenger transportation	485	0.2	0.1	0.1	(⁸)	0.1
Utilities		0.2	0.1	0.1	(⁸)	0.1
Utilities	221	0.2	0.1	0.1	(⁶)	0.1

Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Kentucky, 2015 - Continued

(In thousands)

Industry ¹	NAICS code ²	recordable		Cases with days away from work, job transfer, or restriction			
			Total	Cases with days away	Cases with job transfer or		
				from work ³	restriction		
Educational and health services		3.8	1.2	0.9		2.6	
Educational services		3.5	1.1	0.9	0.2	2.4	
Educational services	611	3.5	1.1	0.9	0.2	2.4	
Health care and social assistance							
Nursing and residential care facilities	623	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	
Public administration		2.7	1.4	1.0	0.4	1.3	
Public administration		2.7	1.4	1.0	0.4	1.3	
Justice, public order, and safety activities	922	0.4	0.2	0.1	(⁸)		

(In thousands)

Cases withCasesTotaldays awaywith job transfer or	Industry ¹	NAICS code ²	Total recordable cases		vith days away from v transfer, or restrictior	Other recordable cases
			* ¹	Total		

Totals include data for industries not shown separately.

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

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

Excludes farms with fewer than 11 employees.

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. 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.

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

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, January 09, 2017

					à.	
Industry sector ²	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more
All industries including state and local government ³	3.7	1.7	2.8	4.4	4.2	4.7
Private industry ³	3.5	1.7	2.7	4.4	. 3.5	4.9
Goods-producing ³	4.4		4.4	5.1	3.6	6.2
Natural resources and mining ^{3,4}	4.7	0.4	4.7	7.2	3.5	
Agriculture, forestry, fishing and hunting ³	7.9		8.3	10.3		
Mining, quarrying, and oil and gas extraction ⁴	3.5	0.6	3.4	5.1	3.5	
Construction	3.2		4.2	3.8	1.4	
Manufacturing	4.7		4.6	5.3	3.8	6.2
Service-providing	3.1	1.7	2.4	4.1	3.5	4.1
Trade, transportation, and utilities ⁵	3.7	1.9	3.0	4.8	3.8	
Wholesale trade	4.6		2.1	6.4	5.1	
Retail trade	3.2		3.2	4.1	4.4	
Transportation and warehousing ⁵	4.0		3.6	5.3	2.4	
Utilities	1.6			1.5		
Information	1.6		1.3		1.0	
Finance, insurance, and real estate	1.2		2.4	1.2	0.7	0.2
Finance and insurance	0.6			1.1	0.7	0.2
Real estate and rental and leasing	3.7					
Professional and business services	1.2		1.2	1.9	1.0	
Professional, scientific, and technical services	0.9			1.1		
Management of companies and enterprises	1.2	·		2.1	0.9	
Administrative and support and	1.5		0.5	2.4	1.5	
waste management and remediation services						
Educational and health services	5.0		2.4	5.8	6.0	5.3
Educational services	2.5			3.5	2.8	
Health care and social assistance	5.2		2.4	5.9	6.8	5.4
Leisure, entertainment, and hospitality	3.0		2.0	4.2	4.8	
Arts, entertainment, and recreation	2.6			5.5	4.2	
Accommodation and food services	3.0		2.1	4.0	4.9	
Other services (except public administration)	2.0			3.4		
Other services (except public administration)	2.0			3.4		
State and local government ³	5.0		3.3	4.9	6.6	4.5
State government ³	3.9		3.6	3.1	6.5	2.5
Local government ³	5.7		3.1	6.2	6.6	5.7

Table 3. Incidence rates¹ of nonfatal occupational injuries and illnesses by industry sector and employment size, Kentucky, 2015 - Continued

Industry sector ²	All establishments	Establishment employment size (workers)						
1 to 10 11 to 49 50 to 249 250 to 999 1,000 or more 1 Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where N = number of injuries and illnesses EH = total hours worked by all employees during the calendar year 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year). 2 2 North American Industry Classification System United States, 2012. 3 5 Excludes farms with fewer than 11 employees. 4 Data for mining (Sector 21 in the <i>North American Industry Classification System</i> , 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. 5 Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 6 Data to os small to be displayed. NOTE: Because of rounding, components may not add to totals. Dash indicates d								
SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupation	tional Injuries and	Illnesses in cooperati	on with participating	state agencies, Janu	ary 10, 2017			

All industries including state and local government* 3.4 49 Private industry* 3.3 40 Goods-producing* 4.1 13 Natural resources and mining*.5 4.5 1 Agriculture, forestry, fishing and hunting* 7.6 0 Crop production* 111 Animal production and aquaculture* 112 7.4 0 Support activities for agriculture and forestry 115 9.5 0 Mining, quarrying, and oil and gas extraction* 3.1 2 0 Oil and gas extraction 211 0 Mining (except oil and gas)* 222 3.6 0 Construction 3.1 2 2 Construction 231 3.1 2 Menufacturing 4.3 10 11 1 Food manufacturing 311 3.3 0 Food manufacturing 311 3.3 0				
Private industry ⁴ 3.3 40 Goods-producing ⁴ 4.1 13 Natural resources and mining ^{4,5} 4.5 1 Agriculture, forestry, fishing and hunting ⁴ 7.6 0 Crop production ¹ 111 (Animal production and aquaculture ¹ 112 7.4 0 Support activities for agriculture and forestry 115 9.5 0 Mining, quarrying, and oil and gas extraction ⁵ 3.3 0 0 Oil and gas extraction 211 (Mining (except oil and gas) ⁶ 212 3.6 0 Construction 3.1 22 3.6 0 Reavy and civil engineering construction 236 2.6 0 Speciality trade contractors 238 3.1 1 Manufacturing 4.3 10 10 Food manufacturing 311 3.3 0 Beverage and tobacco product manufacturing 311 3.3 0	Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
Goods-producing44.1Natural resources and mining4.54.5Agriculture, forestry, fishing and hunting47.6Agriculture, forestry, fishing and hunting4111Animal production4111Animal production4111Animal production4112Animal production4112Animal production4112Animal production4111Animal production4111Animal production4112Animal production4112Animal production4112Animal production4112Animal production4112Animal production4111Animal production4112Animal production53.3Oil and gas extraction53.3Oil and gas extraction211Construction212Construction3.1Construction236Peopla in divil engineering construction237Speciality trade contractors238Animal producturing4.3Manufacturing4.3Food manufacturing311Beverage and tobacco product manufacturing311Animal product manufacturing311Beverage and tobacco product manufacturing311Animal product manufacturing311Animal product manufacturing311Animal product manufacturing311Animal product manufacturing311Animal product manufacturing311Animal product product manufacturing311	All industries including state and local government ⁴		3.4	49.6
Natural resources and mining4-54.5Agriculture, forestry, fishing and hunting47.6Agriculture, forestry, fishing and hunting4111Arimal production4111Animal production4111Animal production and aquaculture4111Support activities for agriculture and forestry111Mining, quarrying, and oil and gas extraction5211Oil and gas extraction211Mining (except oil and gas)4211Construction211Construction236Construction237Manufacturing238Prevale238Manufacturing311Food manufacturing311Beverage and tobacco product manufacturing311Construction31	Private industry ⁴		3.3	40.7
Agriculture, forestry, fishing and hunting47.6Crop production4111	Goods-producing ⁴		4.1	13.7
Crop production*111Animal production and aquaculture*1117.4Support activities for agriculture and forestry1159.5Mining, quarrying, and oil and gas extraction*3.30Oil and gas extraction211Mining (except oil and gas)*2123.6Construction2123.60Construction3.122Construction2362.6Heavy and civil engineering construction2373.8Speciality trade contractors2383.1Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20	Natural resources and mining ^{4,5}		4.5	1.0
Animal production and aquaculture*1127.40Support activities for agriculture and forestry1159.50Mining, quarrying, and oil and gas extraction*211Oil and gas extraction211Mining (except oil and gas)*2123.60Construction2123.60Construction3.122Construction of buildings2362.60Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.3104.310Food manufacturing3113.30Beverage and tobacco product manufacturing3113.30	Agriculture, forestry, fishing and hunting ⁴		7.6	0.5
Animal production and aquaculture*1127.40Support activities for agriculture and forestry1159.50Mining, quarrying, and oil and gas extraction*211Oil and gas extraction211Mining (except oil and gas)*2123.60Construction2123.60Construction3.122Construction of buildings2362.60Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.3104.310Food manufacturing3113.30Beverage and tobacco product manufacturing3113.30	Crop production ⁴	111		(⁸)
Support activities for agriculture and forestry1159.50Mining, quarrying, and oil and gas extraction53.30Oil and gas extraction21100Mining (except oil and gas)62123.60Construction2123.60Construction2362.60Construction of buildings2362.60Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.3104.310Food manufacturing3113.30Beverage and tobacco product manufacturing3113.30			7.4	0.2
Oil and gas extraction211Mining (except oil and gas)62123.6Construction3.12Construction3.12Construction3.12Construction2362.6Manufacturing2373.8Manufacturing4.310Food manufacturing3113.3Beverage and tobacco product manufacturing3124.2			9.5	0.3
Mining (except oil and gas)62123.60Construction3.12Construction3.12Construction of buildings2362.60Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3113.30	Mining, quarrying, and oil and gas extraction ⁵		3.3	0.6
Mining (except oil and gas)62123.60Construction3.12Construction3.12Construction of buildings2362.60Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3113.30	Oil and gas extraction	211		(⁸)
Construction3.1Construction of buildings2.36Heavy and civil engineering construction2.37Specialty trade contractors2.38Manufacturing4.3Food manufacturing311Beverage and tobacco product manufacturing312Attack312 </td <td>Mining (except oil and gas)⁶</td> <td>212</td> <td>3.6</td> <td>0.5</td>	Mining (except oil and gas) ⁶	212	3.6	0.5
Construction of buildings2362.6Heavy and civil engineering construction2373.8Specialty trade contractors2383.1Manufacturing4.310Food manufacturing3113.3Beverage and tobacco product manufacturing3124.2	Construction		3.1	2.2
Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20	Construction		3.1	2.2
Heavy and civil engineering construction2373.80Specialty trade contractors2383.11Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20	Construction of buildings	236	2.6	0.4
Specialty trade contractors2383.11Manufacturing4.310Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20				
Manufacturing3113.30Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20			3.1	1.3
Food manufacturing3113.30Beverage and tobacco product manufacturing3124.20	Manufacturing		4.3	10.5
Beverage and tobacco product manufacturing 312 4.2 0	Manufacturing		4.3	10.5
	Food manufacturing	311	3.3	0.9
	Beverage and tobacco product manufacturing	312	4.2	0.3
Apparel manufacturing 315 2.4	Apparel manufacturing	315	2.4	(8)

Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
Wood product manufacturing	321	6.4	0.6
Paper manufacturing	322	2.7	0.2
Printing and related support activities	323	3.7	0.3
Chemical manufacturing	325	3.4	0.4
Plastics and rubber products manufacturing	326	2.9	0.5
Nonmetallic mineral product manufacturing	327	3.4	0.2
Primary metal manufacturing	331	3.6	0.5
Fabricated metal product manufacturing	332	5.1	1.1
Machinery manufacturing	333	4.5	0.9
Computer and electronic product manufacturing	334	0.6	(⁸)
Transportation equipment manufacturing	336	5.5	
Furniture and related product manufacturing	337	3.8	0.1
Miscellaneous manufacturing	339	4.4	0.2
Service-providing Trade, transportation, and utilities ⁷		3.0 3.6	
Wholesale trade		4.4	2.9
Merchant wholesalers, durable goods	423	5.1	1.7
Retail trade		3.1	4.9
Motor vehicle and parts dealers	441	2.5	0.6
Building material and garden equipment and supplies dealers	444	3.5	0.6
Food and beverage stores	445	3.9	
Gasoline stations	447	2.5	
General merchandise stores	452	4.4	
Transportation and warehousing ⁷		3.9	3.4
Rail transportation ⁷	482	1.1	(⁸)
Truck transportation	484	3.6	

Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
Support activities for transportation Warehousing and storage	488 493	2.2 3.6	
Utilities		1.1	0.1
Utilities	221	1.1	0.1
Information		1.6	0.4
Information		1.6	0.4
Publishing industries (except internet) Telecommunications Data processing, hosting, and related services	511 517 518	0.8 3.0 0.9	0.3
Finance, insurance, and real estate		1.2	1.0
Finance and insurance		0.6	0.4
Real estate and rental and leasing	÷	3.7	0.6
Professional and business services		1.1	1.7
Professional, scientific, and technical services		0.9	0.6
Management of companies and enterprises		1.2	0.2
Administrative and support and waste management and remediation services		1.4	0.8
Administrative and support services	561	1.5	0.8
Educational and health services		4.6	8.9

		2	
Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
Educational services		2.3	0.3
Health care and social assistance		4.8	8.6
Ambulatory health care services Hospitals Nursing and residential care facilities Social assistance	621 622 623 624	2.3 5.6 7.0 6.1	
Leisure, entertainment, and hospitality	а. Г	2.9	3.2
Arts, entertainment, and recreation		2.5	0.3
Accommodation and food services		2.9	2.9
Accommodation Food services and drinking places	721 722	2.3 3.0	0.2 2.7
Other services (except public administration)		1.9	0.6
Other services (except public administration)		1.9	0.6
Repair and maintenance Personal and laundry services	811 812	1.6 2.7	0.3 0.2
State and local government ⁴		4.5	8.9
State government ⁴		3.6	2.7
Service-providing		÷. 3.6	2.7
Educational and health services		3.9	1.8

· · · · · · · · · · · · · · · · · · ·			
Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
Educational services		2.2	0.7
Educational services	611	2.2	0.7
Health care and social assistance			
Nursing and residential care facilities	623	9.8	0.2
Public administration		3.0	0.8
Public administration		3.0	0.8
Executive, legislative, and other general government support Justice, public order, and safety activities	921 922	1.4 2.6	
Local government ⁴		5.1	6.3
Service-providing		5.1	6.3
Trade, transportation, and utilities ⁷		4.5	0.3
Transportation and warehousing ⁷		8.2	0.2
Transit and ground passenger transportation	485	11.6	0.1
Utilities		3.1	0.2
Utilities	221	3.1	0.2
Educational and health services	9	4.9	3.7
Educational services		5.0	3.4
Educational services	611	5.0	3.4

See footnotes at end of table.

Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
· · · · · · · · · · · · · · · · · · ·		v =	5
Health care and social assistance			
Nursing and residential care facilities	623	6.1	(⁸)
Public administration		5.8	2.1
Public administration		5.8	2.1
Justice, public order, and safety activities	922	4.3	0.2

Industry ²	NAICS code ³	Incidence rates ¹	Numbers (in thousands)
 ¹ Incidence rates represent the number of injuries per 100 full-time workers and were calce (N/EH) × 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 ² Totals include data for industries not shown separately. ³ North American Industry Classification System United States, 2012. ⁴ Excludes farms with fewer than 11 employees. ⁵ Data for mining (Sector 21 in the North American Industry Classification System, 2012 ecgoverned by the Mine Safety and Health Administration (MSHA) rules and reporting, such a support activities. Data for mining operators in coal, metal, and nonmetal mining are provided times. These data do not reflect the changes the Occupational Safety and Health Admirequirements effective January 1, 2002; therefore estimates for these industries are not co ⁶ Data for mining operators are excluded. These data do not reflect the change Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not co ⁶ Data for employers in rail transportation are provided to BLS by the Federal Railroad Admi⁸ Data too small to be displayed. 	r week, 50 weeks dition) include est as those in oil and ided to BLS by th rom the coal, met inistration made to mparable to estir alth Administratio es the Occupatior e estimates for th	tablishments not I gas extraction and related e Mine Safety and Health tal, and nonmetal mining to its recordkeeping mates in other industries. n, U.S. Department of nal Safety and Health mese industries are not	
NOTE: Because of rounding, components may not add to totals. Dash indicates data do not	t meet publicatio	n 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, January 10, 2017

Industry sector ²	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
±.		Incide	nce rates per 10,	.000 full-time wo	orkers ¹			N	umbers of illness	es in thousands	•	
All industries including state and local government ³	25.1		1.1		2.5	18.3	3.6				0.4	2.6
Private industry ³	21.0		1.0		2.1	15.0			0.1	(6)	0.3	1.9
Goods-producing ³	34.3		1.5		6.1	21.8				(6)	0.2	0.7
Natural resources and mining ^{3,4}	23.5		9.2				0.1	(6)	(6)	(6)	(6)	(6)
Agriculture, forestry, fishing and hunting ³	35.3				- D		(6)			(6)		
Mining, quarrying, and oil and gas extraction ⁴	19.0		10.2				(6)	(6)	(6)	(6)	(6)	(6)
Construction	6.8					2.3			-	(6)	(⁶)	(6)
Manufacturing	43.3		1.1		8.0	29.2		0.1	· (⁶)	(6)	0.2	0.7
Service-providing	16.1		0.8		0.7	12.5					0.1	1.1
Trade, transportation, and utilities ⁵	14.0	1.0	1.3		1.8	9.9		(⁶)	(6)	(6)	0.1	0.3
Wholesale trade	16.3					14.8		(6)	(6)	(6)	(6)	0.1
Retail trade	12.6	1.2				9.2	0.2	(6)		(6)	(6)	0.1
Transportation and warehousing ^s	12.4				3.4	8.0	0.1	(6)	(6)	(6)	(6)	0.1
Utilities	44.5					-	(6)	-	(6)	(*)		(6)
Information						-	(6)	(6)	(6)	(6)	(6)	-
Finance, insurance, and real estate	5.1					-	(6)	-	-	(⁶)	(6)	(
Finance and insurance						× -	-	(6)		(6)	(6)	
Real estate and rental and leasing						÷ +			(6)	(6)	(6)	(6)
Professional and business services	3.9	2.6	·			1.4	0.1	(6)	(6)	(6)	(6)	(6)
Professional, scientific, and technical services							(6)	(⁶)	(⁶)	(6)	(6)	(6)
Management of companies and enterprises							(6)	(6)	(⁶)	(6)	(6)	(6)
Administrative and support and waste management and remediation services	9.3	6.2				3.1	0.1	(6)	(6)	(6)	(6)	(6)
Educational and health services	41.8	3.5				37.7	0.8	0.1	(6)	(⁶)	(6)	0.7
Educational services	22.8					18.2			(6)	(6)	(⁶)	(⁶)
Health care and social assistance	43.3					39.2		0.1	(6)	(6)		0.7
Leisure, entertainment, and hospitality	7.4	3.9				3.1	0.1	(6)	(6)	-	(6)	(⁶)
Arts, entertainment, and recreation					_		(6)	(6)	(6)	(6)	(6)	· -
Accommodation and food services	7.1	4.0				2.6		(6)	(6)		(6)	(6)
Other services (except public administration)	6.5				_		(6)	(6)	(6)	(⁶)		(6)
Other services (except public administration)	6.5						(6)	(6)	(6)	(6)		(6)
State and local government ³	50.6	4.5	1.6			39.1		0.1	(6)	(6)		0.8
State government ³	37.4	6.8	3.2			26.0	0.3	0.1	(6)	(6)	(6)	0.2
Local government ³	58.6	3.1		-	-	47.1	0.7	(6)	(6)	(6)		0.6

Industry sector ²	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 ¹ Numbers of illnesses in thousands										
 ¹ Incidence rates represent the number of illnesses per 10,000 full-time workers and N = number of illnesses EH = total hours worked by all employees during the calenda 20,000,000 = base for 10,000 equivalent full-time workers (working 40 ² North American Industry Classification System United States, 2012. ³ Excludes farms with fewer than 11 employees. ⁴ Data for mining (Sector 21 in the North American Industry Classification System M and related support activities. Data for mining operators in coal, metal, and nonmet and nonmetal mining industries. These data do not reflect the changes OSHA made ⁵ Data for employers in railroad transportation are provided to BLS by the Federal R ⁶ Data too small to be displayed. NOTE: Because of rounding, components may not add to totals. Dash indicates data SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occur 	r year) hours per week anual, 2012 edit cal mining are pro- to its recordkeep ailroad Administr do not meet pu	, 50 weeks per ye ion) include estat ovided to BLS by ping requirement ration, U.S. Depar blication guideling	ear). Dishments not go the Mine Safety a s effective Janua rtment of Transp es.	overned by the M and Health Admir ry 1, 2002; there ortation.	histration, U.S. De fore estimates for	epartment of Lab r these industries	or. Independent	mining contracto	ors are excluded t	from the coal, me		а́л

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2015

Industry	NAICS code ¹ Total recordable cases		Cases wi t		Other recordable cases	
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
All industries including state and local government		2.6	2.9	4.0	3.4	4.0
Private industry		2.9	3.2	4.7	3.7	4.5
Goods-producing	c.	2.8	3.5	5.3	4.6	4.1
Natural resources and mining		9.6	11.5	11.1	33.1	17.8
Agriculture, forestry, fishing and hunting		19.8	25.7	24.1	49.1	28.6
Crop production	111	14.2	14.2	14.2	14.2	14.2
Animal production and aquaculture	112	30.7	38.0	22.9		29.8
Support activities for agriculture and forestry	115	28.7	35.6	35.9	40.8	35.5
Mining, quarrying, and oil and gas extraction	× ·	7.9	11.2	12.0	11.8	11.8
Oil and gas extraction	211	31.4	31.4	(4)	31.4	31.4
Mining (except oil and gas)	212	(³)	(³)	(³)	(³)	(3)
Construction		12.3	16.1	21.6	27.2	16.9
Construction		12.3	16.1	21.6	27.2	16.9
Construction of buildings	236	25.7	39.5	37.4		18.5
Residential building construction	2361	38.9	59.5			29.2
Nonresidential building construction	2362	22.0	30.9	42.1	41.1	24.2
Heavy and civil engineering construction	237	18.6	20.2	24.7	26.2	24.4
Utility system construction	2371	35.7	35.4	37.5		47.3
Highway, street, and bridge construction	2373	17.8	18.7	26.5	22.9	37.5
Specialty trade contractors	238	17.3	22.6	33.0	28.4	26.1
Foundation, structure, and building exterior contractors	2381	28.7	33.5	43.3	42.0	55.4
Masonry contractors	23814	60.7	60.1	61.9	·	64.7

See footnotes at end of table.

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types,

 Kentucky, 2015 - Continued

			ř			
Industry		Total recordable cases	Cases w t	Other recordable cases		
				Cases with	Cases	
			Total	days away	with job transfer or	
Building equipment contractors	2382	23.2	33.3	from work ² 43.9	restriction 49.6	31.7
Electrical contractors and other wiring installation contractors	23821	52.1	42.5	58.7	49.0 55.6	51.7
Plumbing, heating, and air-conditioning contractors	23822	29.7	45.9	53.6		33.8
Building finishing contractors	2383	29.7	28.2	38.9	33.8	51.4
Drywall and insulation contractors	23831	37.3		61.0		55.4
Other specialty trade contractors	2389	24.6		56.8	36.0	55.4
	2303	24.0		50.8	50.0	
Manufacturing		2.6	3.1	4.4	3.9	3.6
Hundridetaring		2.0	5.1	דוד	5.5	5.0
Manufacturing		2.6	3.1	4.4	3.9	3.6
Hundidetaining		2.0	5.1		5.5	5.0
Food manufacturing	311	5.2	5.3	7.7	7.3	11.1
Fruit and vegetable preserving and specialty food manufacturing	3114	5.5	11.1	43.5	44.5	28.0
Animal slaughtering and processing	3116	1.3	2.6	5.1	1.1	5.8
Animal slaughtering and processing	31161	1.3	2.6	5.1	1.1	5.8
Poultry processing	311615	(^)	(^)	(*)	(^)	(*)
Bakeries and tortilla manufacturing	3118	13.8		15.8	30.5	10.8
Beverage and tobacco product manufacturing	312	10.9	21.4	19.0	24.6	14.3
Beverage manufacturing	3121	11.4	23.9	20.7	28.0	14.5
Apparel manufacturing	315	53.5	41.1	23.6		
Wood product manufacturing	321	10.9	14.8	20.6	20.2	13.4
Sawmills and wood preservation	3211	30.4	47.9	53.4	59.6	38.1
Other wood product manufacturing	3219	8.4	9.8	17.5	18.5	10.9
Millwork	32191	9.4	12.6	13.5	30.1	12.7
Paper manufacturing	322	10.8	13.8	23.4	26.1	12.0
Printing and related support activities	323	9.9	8.8	13.6	11.8	16.1
Printing and related support activities	3231	9.9	8.8	13.6	11.8	16.1
Printing	32311	9.4	8.5	13.3	11.9	13.1
Commercial printing (except screen and books)	323111	10.5	9.1	15.3	13.7	15.0
Chemical manufacturing	325	24.0	30.9	23.8	53.0	31.7
Basic chemical manufacturing	3251	33.9	36.1	42.0	24.4	50.3
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	50.4	35.7	41.9		63.4
Plastics and rubber products manufacturing	326	7.8	8.3	12.2	9.8	9.3

See footnotes at end of table.

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2015 - Continued

	· · · · · ·					
Industry	NAICS code ¹	Total recordable cases	Cases wi t	Other recordable cases		
		Gabeb		Cases with	Cases	dubeb
			Total	days away	with job transfer or	
	2264		10.5	from work ²	restriction	10.0
Plastics product manufacturing	3261	9.5	10.5	12.6	12.9	10.6
Rubber product manufacturing	3262	10.9	9.4	36.0	10.9	18.0
Nonmetallic mineral product manufacturing	327	20.9	27.0	37.4	23.7	19.0
Cement and concrete product manufacturing	3273	40.2	37.6	41.3		62.5
Primary metal manufacturing	331	8.4	9.1	14.2	9.9	11.2
Alumina and aluminum production and processing	3313	4.6	3.2	3.2	3.2	19.6
Fabricated metal product manufacturing	332	9.3	15.9	21.9	17.5	12.7
Architectural and structural metals manufacturing	3323	24.1	52.9		44.0	24.4
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	16.5	21.8	27.0	31.1	23.0
Coating, engraving, heat treating, and allied activities	3328	33.7	10.0	37.8	18.6	
Machinery manufacturing	333	10.1	12.5	16.1	19.0	15.3
Agriculture, construction, and mining machinery manufacturing	3331	18.4	19.0	17.9	31.0	19.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	27.5	25.4	27.0	34.3	32.1
Metalworking machinery manufacturing	3335	23.3	19.2	30.0	23.4	33.1
Other general purpose machinery manufacturing	3339	13.6	18.0	12.8	24.2	9.8
Material handling equipment manufacturing	33392	13.0	11.4	21.5	13.1	19.2
Computer and electronic product manufacturing	334	19.7	21.7	37.7		39.5
Transportation equipment manufacturing	336	4.3	4.8	5.9	5.3	4.3
Motor vehicle parts manufacturing	3363					
Motor vehicle seating and interior trim manufacturing	33636	4.0	4.4	8.9	5.9	13.0
Motor vehicle metal stamping	33637	4.6	7.8	12.7	12.8	9.3
Other motor vehicle parts manufacturing	33639	12.2	15.8	21.5	26.8	8.5
Furniture and related product manufacturing	337	23.0	31.5	36.7	29.3	40.3
Miscellaneous manufacturing	339	29.4	37.8	45.5	39.2	44.5
Service-providing	a a	4.1	4.7	6.5	5.4	6.2
Trade, transportation, and utilities		6.2	5.3	6.0	7.3	11.1
Wholesale trade		16.9	11.4	12.4	14.0	30.1
Merchant wholesalers, durable goods	423	25.0	15.1	16.7	25.3	37.3

Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types, Kentucky, 2015 - Continued

Industry	NAICS code ¹	Total recordable cases		h days away from work, job ansfer, or restriction		Other recordable cases
34 A			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Retail trade		6.0	7.1	9.7	9.1	8.9
Motor vehicle and parts dealers	441	13.6	20.1	23.6	39.7	19.3
Building material and garden equipment and supplies dealers	444	11.8	13.0	18.3	13.6	17.2
Food and beverage stores	445	8.0	8.6	13.7	11.8	15.5
Gasoline stations	447	39.8	52.9		·	50.8
General merchandise stores	452	7.6	11.2	14.2	10.3	11.1
Transportation and warehousing		11.9	9.7	10.3	14.9	21.0
Rail transportation	482	(³)	(³)	(³)	(3)	(³)
Truck transportation	484	16.4	18.4	20.6	29.8	21.6
Support activities for transportation	488	36.0	64.2			36.5
Warehousing and storage	493	13.3	14.7	12.4	19.1	32.5
Utilities	91	19.8	42.8	34.3		26.3
Utilities	221	19.8	42.8	34.3		26.3
Electric power generation, transmission and distribution	2211	19.8	42.8	33.8		25.9
Information		35.8	41.4	36.9		31.0
Information		35.8	41.4	36.9		31.0
Publishing industries (except internet)	511	31.1	17.4	17.4	17.4	40.0
Newspaper, periodical, book, and directory publishers	5111	30.3	18.7	18.7	18.7	39.1
Telecommunications	517	43.1	38.8	33.4		58.9
Data processing, hosting, and related services	518	19.9	23.0	25.8	12.2	20.7
Finance, insurance, and real estate	-	34.2	47.4	50.6	57.7	29.9
Finance and insurance		29.8	38.4	41.5		37.8

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types,

 Kentucky, 2015 - Continued

Industry		Total recordable cases	Cases wi t	Other recordable cases		
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Real estate and rental and leasing		40.5	49.9	53.0		44.0
Professional and business services		16.3	22.9	17.0	38.7	19.3
Professional, scientific, and technical services		32.8	34.2	36.0	46.8	37.7
Management of companies and enterprises		25.0	36.6	42.2	32.3	30.5
Administrative and support and waste management and remediation services		20.2	30.5	19.6	47.9	20.3
Administrative and support services	561	20.6		19.7	50.9	19.9
Investigation and security services	5616	19.6	34.0	38.5	27.8	38.0
Services to buildings and dwellings	5617	24.1	27.0	31.2	36.8	34.6
Educational and health services		6.9	7.6	11.3	4.9	10.5
Educational services	10 ²	13.0	21.2	26.0	33.4	18.4
Health care and social assistance		7.1	7.9	11.7	5.0	10.9
Ambulatory health care services	621	13.9	19.1	23.4	23.3	15.7
Hospitals	622			1.7		1.8
Nursing and residential care facilities	623		6.9	11.0		9.4
Social assistance	624		49.7	52.5		47.0
Leisure, entertainment, and hospitality		10.1	17.0	20.2	21.5	11.5
Arts, entertainment, and recreation		19.8	29.7	35.2	35.8	23.4
Accommodation and food services		10.9	18.6	22.0	24.1	12.3
	d 1	I				L L

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types,

 Kentucky, 2015 - Continued

Industry	NAICS code ¹	Total recordable cases		ch days away from work, job ransfer, or restriction		Other recordable cases
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Accommodation	721	18.6	21.1	27.4	21.3	31.9
Food services and drinking places	722	11.8	21.1	24.7	28.1	13.0
Other services (except public administration)		22.2	30.5	36.8	37.6	28.8
Other services (except public administration)		22.2	30.5	36.8	37.6	28.8
Repair and maintenance	811	34.7	48.4	40.0	58.8	49.7
Personal and laundry services	812	31.2	40.1	-0.0	40.9	41.7
Personal and ladidly services	012	51.2	-0.1		-0.5	41./
State and local government		5.9	5.4	6.3	7.2	7.7
State government		8.4	5.4	5.1	11.9	12.3
Service-providing		8.4	5.4	5.1	11.9	12.3
Educational and health services		4.6	3.0	3.2	2.7	6.6
Educational services		1.1	0.9	1.1	1.6	1.6
Educational convices	611	1.1	0.9	1.1	1.6	1.6
Educational services Colleges, universities, and professional schools	6113	1.1				
	0113	(⁴)	(^)	(4)	(*)	(4)
Health care and social assistance						
Nursing and residential care facilities	623	28.7	18.0	19.8	18.5	53.1
Public administration		23.9	17.8	15.3	53.7	32.2
Public administration		23.9	17.8	15.3	53.7	32.2
Executive, legislative, and other general government support Justice, public order, and safety activities	921 922	29.5 12.4		44.3 15.6		30.2 12.1

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types, Kentucky,

 2015 - Continued

Industry	NAICS code ¹	Total recordable cases	Cases wi t	Other recordable cases		
			Total	Cases with days away from work ²	Cases with job transfer or restriction	
Justice, public order, and safety activities	9221	12.4	15.3	15.6	10.0	12.1
Correctional institutions	92214	9.4	14.1	14.1	(*)	7.9
Local government		7.4	6.9	8.5	8.5	9.6
Service-providing		7.4	6.9	8.4	8.5	9.6
Trade, transportation, and utilities		14.2	14.3	15.8	20.6	15.5
Transportation and warehousing		13.1	8.6	11.9	6.2	19.3
Transit and ground passenger transportation	485	12.9	8.4	12.7	9.9	18.3
Utilities		18.4	22.3	23.1	35.0	17.6
Utilities	221	18.4	22.3	23.1	35.0	17.6
Water, sewage and other systems	2213	22.7	25.1	24.8		19.8
Educational and health services		6.3	5.9	6.0	11.4	8.8
Educational services		6.7	6.4	6.2	14.0	9.3
Educational services	611	6.7	6.4	6.2	14.0	9.3
Elementary and secondary schools	6111	6.7	6.4	6.2	14.0	9.3
Health care and social assistance						
Nursing and residential care facilities	623	(*)	(*)	(*)	(*)	(^)
Public administration		15.9	12.2	15.5	14.6	24.6
Public administration		15.9	12.2	15.5	14.6	24.6
	L I				L I	

 Table 6. Percent relative standard errors for incidence rates of nonfatal occupational injuries and illnesses by industry and case types,

 Kentucky, 2015 - Continued

Industry	NAICS code ¹	Total recordable cases		ith days away from w ransfer, or restriction Cases with days away from work ²		Other recordable cases
Justice, public order, and safety activities	922	46.7	26.6	21.3	63.6	
Justice, public order, and safety activities	9221	46.7	26.6	21.3	63.6	
Police protection	92212	37.8	54.7	46.4		
Fire protection	92216		60.9	60.9		

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

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

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

Percent relative standard error less than 0.05.

NOTE: Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, January 10, 2017

			i Et	Percent relative stand	ard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
All industries including state and local government ⁴		3.4	49.6	2.6	2.3
Private industry ⁴		3.3	40.7	3.0	2.7
Goods-producing ⁴		4.1	13.7	3.0	2.8
Natural resources and mining ^{4,5}		4.5	1.0	9.5	11.6
Agriculture, forestry, fishing and hunting ⁴	-	7.6	0.5	19.4	22.7
Crop production ⁴ Animal production and aquaculture ⁴	111 112	 7.4	(⁸) 0.2	14.2 31.4	12.5 27.8
Support activities for agriculture and forestry	115	9.5	0.3	28.0	31.5
Mining, quarrying, and oil and gas extraction ⁵		3.3	0.6	8.2	8.7
Oil and gas extraction	211		(8)	31.4	27.8
Mining (except oil and gas) ⁶	212	3.6	0.5	(°)	(°)
Construction		3.1	2.2	12.2	11.0
Construction		3.1	2.2	12.2	11.0
Construction of buildings	236	2.6	0.4	22.6	20.6
Residential building construction	2361	4.0	0.2	34.8	32.9
Nonresidential building construction	2362	1.8	0.2	22.0	21.5
Heavy and civil engineering construction	237	3.8	0.5	19,4	16.4
Utility system construction	2371	3.1	0.2	38.3	36.7
Highway, street, and bridge construction	2373	3.8	0.2	17.9	18.4
Specialty trade contractors	238	3.1	1.3	17.4	16.1
Foundation, structure, and building exterior contractors	2381	1.0	0.1	28.7	27.1
Masonry contractors	23814	1.9	(⁸)	60.7	52.7
Building equipment contractors	2382	3.9	0.9	23.5	22.3
Electrical contractors and other wiring installation contractors	23821	2.6	0.2	52.7	52.6

				Y	
				Percent relative stand	ard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
Plumbing, heating, and air-conditioning contractors	23822	3.9	0.5	30.2	30.8
Building finishing contractors	2383	3.1	0.2	26.1	25.9
Drywall and insulation contractors	23831	4.5	0.1	37.3	35.2
Other specialty trade contractors	2389	3.1	0.2	24.6	25.4
					-
Manufacturing		4.3	10.5	2.7	2.7
Manufacturing		4.3	10.5	2.7	2.7
Food manufacturing	311	3.3		5.4	5.9
Fruit and vegetable preserving and specialty food manufacturing	3114	1.7	0.1	6.3	6.1
Animal slaughtering and processing	3116	3.5		1.5	1.5
Animal slaughtering and processing	31161	3.5		1.5	1.5
Poultry processing	311615	2.6		(¹⁰)	(10)
Bakeries and tortilla manufacturing	3118	2.5		15.5	14.9
Beverage and tobacco product manufacturing	312	4.2	0.3	10.9	12.7
Beverage manufacturing	3121	4.4		11.5	13.9
Apparel manufacturing	315	2.4	(8)	51.9	54.9
Wood product manufacturing	321	6.4		12.2	9.0
Sawmills and wood preservation	3211	5.0	0.1	36.4	29.0
Other wood product manufacturing	3219	6.5	0.4	8.5	8.2
Millwork	32191	5.8	0.2	9.9	9.6
Paper manufacturing	322	2.7	0.2	10.3	10.0
Printing and related support activities	323	3.7	0.3	10.4	9.6
Printing and related support activities	3231	3.7	0.3	10.4	9.6
Printing	32311	3.6	0.3	10.1	9.3
Commercial printing (except screen and books)	323111	3.5	0.3	11.2	10.3
Chemical manufacturing	325	3.4	0.4	26.2	26.0
Basic chemical manufacturing	3251	2.8	0.1	37.5	35.8
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	5.1	0.2	50.4	50.3
Plastics and rubber products manufacturing	326	2.9	0.5	7.9	7.4
Plastics product manufacturing	3261	2.7	0.3	9.6	9.1
Rubber product manufacturing	3262	3.7	0.1	10.8	12.0
Nonmetallic mineral product manufacturing	327	3.4	0.2	21.6	22.0

		1'		Percent relative stand	ard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
Cement and concrete product manufacturing	3273	3.8	0.1	40.2	42.5
Primary metal manufacturing	331	3.6		8.4	8.5
Alumina and aluminum production and processing	3313	1.9	0.1	1.4	1.0
Fabricated metal product manufacturing	332	5.1	1.1	9.7	10.3
Architectural and structural metals manufacturing	3323	5.8	0.2	24.0	26.7
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	4.1	0.2	18.8	16.9
had nine shops, tarried product, and selew, had, and sole manaratadining	332/		0.2	10.0	10.5
Coating, engraving, heat treating, and allied activities	3328	4.9	0.1	33.7	32.3
Machinery manufacturing	333	4.5	0.9	10.3	10.5
Agriculture, construction, and mining machinery manufacturing	3331	6.1	0.2	21.5	21.1
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	5.0	0.2	26.0	25.3
Metalworking machinery manufacturing	3335	6.4	0.2	24.3	25.4
Other general purpose machinery manufacturing	3339	3.5	0.2	14.0	13.6
Material handling equipment manufacturing	33392	2.8	0.1	13.4	14.8
Computer and electronic product manufacturing	334	0.6	(⁸)	19.7	17.9
Transportation equipment manufacturing	336	5.5	3.4	4.8	4.4
Motor vehicle parts manufacturing	3363				
Motor vehicle seating and interior trim manufacturing	33636	4.6	0.3	3.8	2.2
Motor vehicle metal stamping	33637	4.3	0.3	5.6	6.4
Other motor vehicle parts manufacturing	33639	4.8	0.4	13.7	12.5
Furniture and related product manufacturing	337	3.8	0.1	24.1	28.3
Miscellaneous manufacturing	339	4.4	0.2	30.2	30.0
Service-providing		3.0	27.0	4.2	3.8
Trade, transportation, and utilities ⁷		3.6	11.3	6.3	5.5
Wholesale trade		4.4	2.9	17.2	16.0
Merchant wholesalers, durable goods	423	5.1	1.7	25.6	25.2
Retail trade		3.1	4.9	5.9	5.9
Motor vehicle and parts dealers	441	2.5	0.6	13.4	13.3

			7.F	
			Percent relative stand	ard errors
NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
444	3.5	0.6	11.8	11.6
445	3.9	1.0	8.0	8.5
447	2.5	0.3	39.8	41.1
452	4.4	1.6	8.0	8.2
	3.9	3.4	12.1	8.4
482	1.1	(⁸)	(⁹)	(°)
484	3.6		16.5	15.5
488	2.2	0.2	36.4	35.4
493	3.6	0.8	13.4	13.1
10 B				
	1.1	0.1	21.8	20.6
221	1.1	0.1	21.8	20.6
2211	1.3	0.1	21.2	21.0
	1.6	0.4	36.5	31.2
	1.6	0.4	36.5	31.2
511	0.8	(⁸)	34.2	36.3
5111	0.8	(⁸)	33.4	36.3
517	3.0	0.3	44.0	43.6
518	0.9	0.1	19.9	20.5
	1.2	1.0	35.3	30.1
	0.6	0.4	29.0	29.0
	3.7	0.6	40.8	45.7
	1.1	1.7	16.7	17.4
	0.9	0.6	32.8	32.7
	444 445 447 452 482 484 488 493 221 2211 2211 5111 5111 5111 517	NAICS code* Incidence rate* 444 3.5 445 3.9 447 2.5 452 4.4 3.9 447 482 1.1 484 3.6 488 2.2 493 3.6 443 1.1 221 1.1 2211 1.1 2211 1.3 511 0.8 5111 0.8 5111 0.8 5111 0.8 5112 0.9 518 0.9 1.2 0.6 3.7 3.7 1.1 1.1	444 3.5 0.6 445 3.9 1.0 447 2.5 0.3 452 4.4 1.6 3.9 3.4 482 1.1 (%) 488 2.2 0.2 493 3.6 0.8 411 0.1 0.1 221 1.1 0.1 221 1.1 0.1 221 1.1 0.1 21 1.3 0.1 221 1.1 0.1 21 1.3 0.1 221 1.1 0.1 21 1.3 0.1 221 1.1 0.1 3.0 0.3 0.1 511 0.8 (%) 512 3.0 0.3 518 0.9 0.1 0.6 0.4 3.7 3.7 0.6 1.1 1.1 1.7 1.7	NAICS code ³ Incidence rate ¹ Number of cases (thousands) Incidence rates 444 3.5 0.6 11.8 444 3.9 1.0 8.0 444 3.9 1.0 8.0 447 2.5 0.3 3.9.8 447 2.5 0.3 3.9.8 447 2.5 0.3 3.9.8 448 3.6 0.9 1.6.5 488 2.2 0.2 3.6.4 493 3.6 0.9 1.6.5 484 3.6 0.9 1.6.5 488 2.2 0.2 3.6.4 493 3.6 0.8 3.4 221 1.1 0.1 21.8 221 1.1 0.1 3.6.5 511 0.8 6* 3.4 511 0.8 6* 3.4 511 0.8 6* 3.4 511 0.8 6* 3.4

				Percent relative stand	ard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
Management of companies and enterprises		1.2	0.2	25.1	25.3
Administrative and support and waste management and remediation services		1.4	0.8	21.3	24.6
Administrative and support services	561	1.5	0.8	21.8	25.8
Investigation and security services	5616	2.1	0.2	19.6	20.3
Services to buildings and dwellings	5617	1.5	0.2	22.0	23.9
Educational and health services		4.6	8.9	7.2	6.7
Educational services		2.3	0.3	13.8	16.7
Health care and social assistance		4.8	8.6	7.5	6.9
Ambulatory health care services	621	2.3	1.5	14.8	14.4
Hospitals	622	5.6	3.2	1.4	1.2
Nursing and residential care facilities	623	7.0	2.3	4.0	4.6
Social assistance	624	6.1	1.6	36.1	33.9
Leisure, entertainment, and hospitality		2.9	3.2	10.2	9.5
Arts, entertainment, and recreation		2.5	0.3	19.7	19.0
Accommodation and food services		2.9	2.9	11.0	10.2
Accommodation	721	2.3	0.2	19.0	19.2
Food services and drinking places	722	3.0		11.9	11.0
Other services (except public administration)		1.9	0.6	22.4	23.3
Other services (except public administration)		1.9	0.6	22.4	23.3
	1				

				Percent relative stand	ard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
Repair and maintenance	811	1.6	0.3	34.9	35.2
Personal and laundry services	812	2.7	0.2	31.1	36.0
State and local government ⁴		4.5	8.9	4.8	4.6
State government ⁴		3.6	2.7	9.1	8.7
Service-providing		3.6	2.7	9.1	8.7
Educational and health services		3.9	1.8	4.8	3.7
Educational services		2.2	0.7	1.1	0.4
Educational services	611	2.2	0.7	1.1	0.4
Colleges, universities, and professional schools	6113	2.4	0.6	(¹⁰)	(¹⁰)
Health care and social assistance					
Nursing and residential care facilities	623	9.8	0.2	29.5	28.7
Public administration	-11	3.0	0.8	28.5	28.2
Public administration		3.0	0.8	28.5	28.2
Executive, legislative, and other general government support	921	1.4	0.1	29.5	30.6
Justice, public order, and safety activities	922	2.6	0.3	13.3	9.5
Justice, public order, and safety activities	9221		0.3	13.3	9.5
Correctional institutions	92214			9.8	9.9
Local government ⁴	×	5.1	6.3	5.7	5.5
Service-providing		5.1	6.3	5.7	5.5
Trade, transportation, and utilities ⁷		4.5	0.3	14.0	10.1

,		-			Percent relative stand	ard errors
Industry ²	31 19	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
Transportation and warehousing ⁷			8.2	0.2	10.6	10.5
Transit and ground passenger transportation		485	11.6	0.1	9.5	12.3
Utilities			3.1	0.2	19.7	17.2
Utilities		221	3.1		19.7	17.2
Water, sewage and other systems		2213	2.8	0.1	23.3	21.2
Educational and health services			4.9	3.7	6.5	6.5
Educational services			5.0	3.4	6.8	6.9
Educational services		611	5.0	3.4	6.8	6.9
Elementary and secondary schools		6111	5.0	3.4	6.8	6.9
Health care and social assistance						
Nursing and residential care facilities		623	6.1	(⁸)	(¹⁰)	(10)
Public administration			5.8	2.1	12.0	11.0
Public administration			5.8	2.1	12.0	11.0
Justice, public order, and safety activities		922	4.3		27.2	22.3
Justice, public order, and safety activities		9221	4.3		27.2	22.3
Police protection	*	92212	3.9	1 1	41.3	44.3
Fire protection		92216	5.9	0.1	61.0	5.4

				Percent relative stand	lard errors
Industry ²	NAICS code ³	Incidence rate ¹	Number of cases (thousands)	Incidence rates	Numbers
 ¹ Incidence rates represent the number of injuries per 100 full-time workers and were (N/EH) × 200,000 where N = number of injuries EH = total hours worked by all employees during the calendar 200,000 ² base for 100 equivalent full-time workers (working 40 hou ² Totals include data for industries not shown separately. ³ <i>North American Industry Classification System</i> United States, 2012. ⁴ Excludes farms with fewer than 11 employees. ⁵ Data for mining (Sector 21 in the <i>North American Industry Classification System</i>, 24 Administration (MSHA) rules and reporting, such as those in oil and gas extraction are provided to BLS by the Mine Safety and Health Administration, U.S. Department of mining industries. These data do not reflect the changes the Occupational Safety and therefore estimates for these industries are not comparable to estimates in other ind ⁶ Data for mining operators in this industry are provided to BLS by the Mine Safety are excluded. These data do not reflect the changes the Occupational Safety and Health therefore estimates for these industries are not comparable to estimates in other ind ⁷ Data for employers in rail transportation are provided to BLS by the Federal Railroad ⁸ Data too small to be displayed. ⁹ Relative standard errors were not calculated for mining, except oil and gas (NAICS ¹⁰ Percent relative standard error less than 0.05. NOTE: Because of rounding, components may not add to totals. Dashes indicate data SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occup 	r year urs per week, 50 012 edition) inclu nd related suppor of Labor. Indepe d Health Adminis ustries. nd Health Admini Administration n ustries. d Administration, 212), and rail tra a that do not mee	ide establishments not gover t activities. Data for mining ndent mining contractors are tration made to its recordkee stration, U.S. Department of nade to its recordkeeping rec U.S. Department of Transpo nsportation (NAICS 482). et publication guidelines.	operators in coal, e excluded from the eping requirements Labor. Independe quirements effectiv ortation.	metal, and nonmetal mining e coal, metal, and nonmetal s effective January 1, 2002; ent mining contractors are e January 1, 2002;	

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	Tot	al recordable cas	es			Case	s with days away	from work, job	transfer, or restri	ction			Oth	er recordable ca	200
Industry sector ²					Total		Cases wi	ith days away fro	om work ⁶	Cases with	i job transfer or	restriction			
	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015
All industries including state and local government ³	4.1	3.8	3.7	2.1	1.9	1.9	1.2	1.1		0.9	0.8		2.1	1.9	
Private industry ³	4.0	3.7	3.5	2.1	1.9	1.9	1.1	1.0		1.0	0.9	0.8	2.0	1.8	1.6
Goods-producing ³	5.0	4.8	4.4	2.7	2.7	2.6	1.3	1.3		1.4	1.4	1.4	2.3	2.1	1.8
Natural resources and mining ^{3,4}	5.1	5.1	4.7	3.4	3.0	2.8	2.9	2.4	2.5	255	0.6	0.3	1.7	2.1	2.0
Agriculture, forestry, fishing and hunting ³	244	10.1	7.9	-	5.0	3.5	-	- 3.5	2.7			0.8		5.2	4.4
Mining, quarrying, and oil and gas extraction ⁴	3.6	3.5	3.5	2.3	2.3	2.5	2.1	2.1	2.4	0.2	0.3	0.1	1.3	1.1	1.0
Construction	3.7	3.5	3.2	1.7	1.7	1.8	1.2	1.4	1.1	0.6	0.3	0.7	2.0	1.8	1.4
Manufacturing	5.3	5.1	4.7	2.9	3.0	2.9	1.2	1.2	1.2	1.7	1.8	1.7	2.4	2.1	1.9
Service-providing	3.7	3.4	3.1	1.8	1.6	1.6	1.0	0.9	0.9	0.8	0.7	0.6	1.9	1.7	1.6
Trade, transportation, and utilities ⁵	4.1	3.8	3.7	2.3	2.1	2.1	1.3	1.0	1.1	1.0	1.0	1.0	1.8	1.7	1.6
Wholesale trade	3.6	3.8	4.6	2.1	2.2	2.2	0.9	1.0	1.2	1.2	1.3	1.1	1.5	1.5	2.3
Retail trade	4.0	3.7	3.2	2.1	1.8	1.8	1.2	0.9	0.9	0.9	0.9	0.9	2.0	1.9	1.4
Transportation and warehousing ^s	4.7	4.1	4.0	3.1	2.5	2.7	1.7	1.4	1.4	1.4	1.1	1.3	1.7	1.6	1.3
Utilities	2.3	1.7	1.6	0.8	0.9	0.4	0.4	0.3		0.4	0.7		1.5	0.8	1.2
Information	1.1	1.5	1.6	0.4	0.7	1.0	0.3	0.6	0.8	0.1	0.1		0.7	0.8	0.7
Finance, insurance, and real estate		1.1	1.2	-	0.7	0.9		0.3				0.1		0.4	0.4
Finance and insurance		0.6	0.6		0.2	0.3		0.2						0.3	0.3
Real estate and rental and leasing	1.2		3.7	0.7		3.1			3.0	0.4			0.4		0.5
Professional and business services	2.0	1.7	1.2	1.0	0.9	0.5	0.7	0.5		0.3	0.3	0.2	0.9	0.8	0.6
Professional, scientific, and technical services	1.5	1.1	0.9	0.8	0.3	0.2	0.6	0.3		0.2	(7)	0.1	0.7	0.8	0.6
Management of companies and enterprises	1.9	2.0	1.2	1.0	0.7	0.6	0.7	0.3		0.3	()	0.1	1.0	1.2	0.7
Administrative and support and	2.6	2.3	1.5	1.0	1.5	0.9	0.6	0.9		0.6	0.5	0.4	1.2	0.8	0.6
waste management and remediation services	2.0	2.5	1.5	1.1	1.5	0.5	0.0	0.5	0.5	0.0	0.5	0.1	1.2	0.0	0.0
Educational and health services	5.2	4.9	5.0	2.4	2.2	2.1	1.3	1.3	1.4	1.1	0.9	0.6	2.8	2.7	2.9
Educational services		2.3	2.5	*	0.7	0.9		0.5	0.6	: ee	0.2	0.2	-	1.6	1.6
Health care and social assistance	5.4	5.1	5.2	2.6	2.3	2.2	1.4	1.3	1.4	1.2	1.0	0.8	2.8	2.8	3.0
Leisure, entertainment, and hospitality	3.7	3.9	3.0	1.4	1.4	1.1	0.9	1.0	0.9	0.5	0.4	0.2	2.3	2.5	1.8
Arts, entertainment, and recreation	3.8	4.8	2.6	1.8	2.5	1.2	1.4	2.0	0.9	0.3	0.5	0.3	2.1	2.3	1.4
Accommodation and food services	3.7	3.8	3.0	1.3	1.2	1.1	0.6	0.9	0.9	0.5	0.4	0.2	2.4	2.5	1.9
Other services (except public administration)	5.1	2.2	2.0	1.6	1.2	1.0	0.4	0.9	0.3	1.3	0.3	0.7	3.5	1.0	1.0
Other services (except public administration)	5.1	2.2	2.0	1.6	1.2	1.0	0.4	0.9	0.3	1.3	0.3	0.7	3.5	1.0	1.0
State and local government ³	4.7	4.4	5.0	2.1	2.0	2.0	1.6	1.5	1.5	0.5	0.5	0.5	2.7	2.4	3.0
State government ³	3.1	3.3	3.9	1.3	1.7	1.4	1.0	1.2		0.3	0.4	0.3	1.8	1.6	2.5
Local government ³	5.7	5.1	5.7	2.6	2.2	2.4	2.0	1.6		0.6	0.6		3.1	2.8	
Local government	1 50	5.1	5.7	2.0	£.£	E . 1	2.0	1.0	1	0.0	0.0	0.0	5.1	2.0	5.5

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

N = number of injuries and illnesses

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

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

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

³ Excludes farms with fewer than 11 employees.

⁴ 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 nonnmetal mining industries. These data do not reflect the changes OSHA made to its record/keeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.
⁵ Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

⁶ Days-away-from-work cases include those that result in days away from work with or without restricted work activity.
⁷ 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, January 10, 2017

Table 9 Incidence rates¹ nonfatal occupational injuries and illnesses involving days away from work² per 10,000 full-time workers for selected characteristics and major industry sector, private industry, Kentucky, 2015

	1	Goods producing								envice providing				
			Gooas p	roducing					2	Service providing				
Characteristic .	Private industry ^{2,3,4}	Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ⁴	Information	Financial activities	Professional and business services	Education and health services		Other services	Public Administration
Total	102.4	125.6	247.0	110.2	118.5	93.9	108.1	81.8	80.0	33.2	135.2	90.9	28.5	
Nature of injury, illness:														
Fractures	9.7	13.4	28.0	10.3	12.9	8.4	9.4			7.7	9.7	5.0	(j <u>ak</u> i	
Sprains, strains, tears	42.3	53.1	93.7	59.5	47.3	38.3	46.0	31.0	35.3	9.5	65.1	17.3	15.8	-
Amputations	.6	1.8			2.1		-	· · · ·			i		े हेत	-
Bruise, contusions	7.9	6.9	21.3	4.4	6.2	8.3	7.7	12.0		1.5	12.2	19.5	2 49	-
Chemical burns and corrosions	.3	.7			.7								1722	-
Heat (thermal) burns	1.2	1.4			1.6	1.2					1.0	6.6	12	
Soreness, pain	12.9	12.8	46.9	12.3	9.8	13.0	15.1			8.2	19.3	12.4	200	
Cuts, lacerations, punctures	8.8	10.3	14.3	5.5	11.3	8.2	9.6			3.6	2.5	13.7	: : :::	-
Cuts, lacerations	7.7	8.4	12.1	5.5	8.9	7.5	8.2			3.2	2.3	13.4	1. See	
Punctures (except gunshot wounds)	1.0	1.9			2.4	.7	1.4	1 744	122	1	1.1.1	322	- 822	10 E
Carpal tunnel syndrome	.8	2.2			3.0	.2	.6	-			-			
Tendonitis	.4	.7			.9	.3						1.00		
Multiple traumatic injuries	1.9	2.2	6.7		2.2	1.7	2.6				2.9	1		
With sprains and other injuries	.8	.9			1.2	.8	1.0			-	2.0	522	ः इ.स.	
With fractures and other injuries	.3	.5		1. E		.2		+	÷	. ÷	÷	-		220
Part of body affected:														
Head	7.1	8.5	32.2	5.9	7.0	6.6	9.4		::++	1.0	8.5	7.8		
Eye	2.5	4.2	12.0	4.1	3.5	1.9	2.9	222			2.2	2.5	722	
Neck	2.3	5.6		20.4	1.9	1.1	1.3	2.77		275	1.7			
Trunk	22.7	24.8	71.4	17.1	22.6	22.0	29.8	15.7		7.6	31.4	18.4	· · · ·	
Back	16.8	17.1	57.7	11.9	14.8	16.6	20.4	15.7		4.7	25.4	17.3		
Upper extremities	32.6	51.4	43.6	39.0	55.7	25.6		30.0	32.8	12.1	28.1	26.8	9.7	142
Shoulder	9.9		14.5	13.7	16.4	7.8		14.2		4.3	11.3	1.9	-	-
Arm	4.3	6.7		6.9	6.8	3.5				1.1				
Wrist	3.1	5.7			7.5	2.2	2.1			3.0				
Hand	13.1	20.9	21.1	10.7	23.8	10.2		12.4	23.1	3.4			1	
Lower extremities	23.1	24.4	45.8	18.8	23.9	22.6	N	- <u></u>	32.4	7.6			11.8	1. 222
Knee	8.8	10.0	15.2	11.3	9.1	8.4				3.8				
Ankle	4.7	3.9	14.7		3.6					2.0				-
Foot	4.2		6.8		5.5	3.9		5 A A	2.44	1.7				
Toe, toenail	.7			(<u> </u>	1.2			820	5.00	5	1000	1.44		
Body systems	1.5			2.6	1.1	1.6					2.2		-	
Multiple	12.7	9.5	52.9	5.9	- 6.3	13.9	10.1	15.6	-	4.0			175	
Source of injury, illness:							e 0			-				
Chemical, chemical products	1.3	2.5		<u>_</u>	2.7	.8		14	-	24	1.0	2.5	122	
Containers	11.6	11.7	11.0	_	14.5	11.6	24.2			5.1				
Furniture, fixtures	3.2				3.5	3.4				1.1				
Machinery	6.0		17.2	2.7	13.4	4.0		344	1.00	1.3	1	7.2	-	
Parts and materials	13.6		23.9	41.3	24.2				29.2		5.0			
Person, injured or ill worker	14.9			13.4	24.7				26.4				8.4	
Worker motion or position	14.2		1 N L	12.7	24.5				24.3					
Person, other than injured or ill workers	7.2					9.6		5.22	-	34	41.8	1	-	-
Health care patient	5.3		5			7.2		310	24	14	33.7	1	-	_
Floors, walkways, ground surfaces	18.0		63.4	17.2	11.3			28.5	9.3	8.8			7.2	
Ladder	1.4		0.0.1	7.3	1.2				5.5		1.7			
Handtools	3.0		9.4	3.3	3.9				-	3.6				-
Vehicles	11.8							15.2		3.2				
	1 11.0	0.5	13.5	1.5	5.5	-2.5	1 25.0	1		0 5.2			0	r (1

		5	Goods p	roducing		Service providing								
Characteristic	Private industry ^{2,3,4}	Total goods producing	Natural resources and mining ^{2,3}	Construction	Manufacturing	Total service providing	Trade, transportation and utilities ¹	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Public Administratior
Trucks	1.9	3.0			3.6	1.5	4.2			-	-			-
Cart, dolly, hand truck - nonpowered	1.0	.7			.9	1.2	1.6		-	-	2.1			-
Event or exposure:														
Violence and other injuries by persons or animal	4.3	2.8	35.3			4.9	.6			2.5	18.1			-
Intentional injury by other person	.7					1.0		-			4.1			
Injury by person - unintentional or intent unknown	1.8		-			2.4					10.2			-
Animal and insect related incidents	1.7	2.6	35.3			1.4		-			3.8			-
Transportation incidents	7.8	3.5			4.1	9.3	12.4			3.4	19.3			-
Roadway incidents involving motorized land vehicles	3.8	1.3			1.5	4.8	8.5			1.2	5.8			-
Fires and explosions						· -	-							-
Falls, slips, trips	26.5	25.1	63.4	33.2	19.2	27.0	26.5	28.5	16.9	11.9	34.2	47.9	7.6	-
Slips, trips without fall	1.5	1.3			1.7	1.6	1.8				1.6	2.1		-
Fall on same level	20.6	15.9	24.9	19.7	14.0	22.4	19.9	16.9	13.6	9.8	31.6	41.8	7.2	-
Fall to lower level	4.1	7.7	37.4	13.2	3.3	2.7	4.0			1.2	.9	4.1		-
Exposure to harmful substances or environments	4.3	5.8		4.8	6.4	3.7	2.1			1.2	5.2	11.6		
Contact with object, equipment	24.5	42.5	72.7	38.5	40.7	17.9	26.9	13.6	27.3	5.4	9.9	19.6		-
Struck by object or equipment	13.3	18.0	42.9	14.8	16.5	11.5	15.9	13.6	24.8	2.7	5.6	12.4	-	-
Struck against object or equipment	5.6	11.4	18.5	20.8	8.0	3.5	5.7				3.1	5.5		
Caught in or compressed by object or equipment	4.1	10.5	9.9		13.3	1.7	2.7			1.9			7	
Overexertion and bodily reaction	35.0	45.7	70.6	31.0	47.5	31.1	39.6	31.0	33.0	8.8	48.5	9.0	11.6	1 11 1
Repetitive motion involving microtasks	3.4	9.4			12.9	1.2	1.9							
Overexertion in lifting or lowering	12.7	14.3	31.0	10.3	13.8	12.1	21.2			1.3	16.7	1.9		-

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

number of injuries and illnesses

- total hours worked by all employees during calendar year
- 20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week,

EH 20,000,000 50 weeks per year).

N

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

Excludes farms with fewer than 11 employees.

Data for mining (Sector 21 in the North American Industry Classification System) 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.

⁵ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation. 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.

NOTE: Dashes indicate data that are not available. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, January 10, 2017



2015

Census of Occupational Injuries (CFOI)

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 26th 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 (2015), and the fatality must be work-related according to the CFOI guidelines.

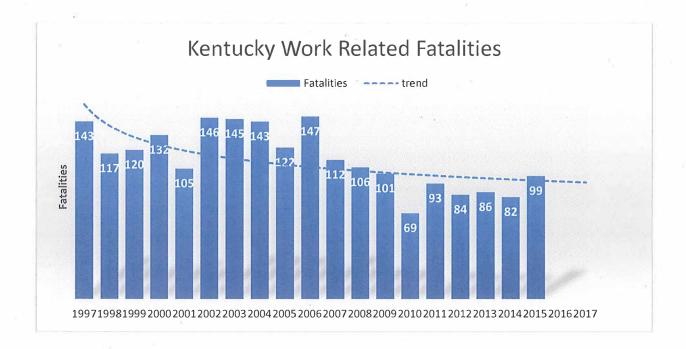
Many of these fatalities involve workers not covered under the jurisdiction of Federal or State agencies engaged in consultation-related, prevention-related, or regulatory activities in safety and health. Among these workers are the self-employed, laborers on small farms, and certain government employees. 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 <u>or</u> 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.

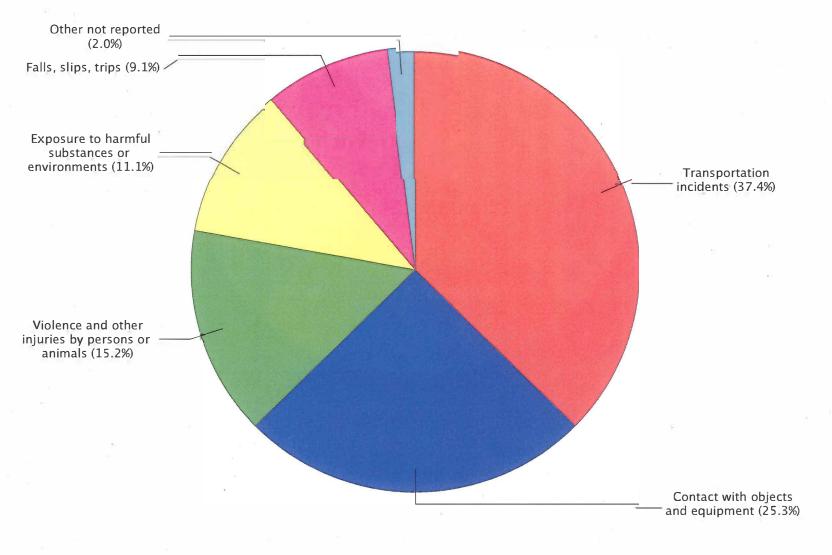
CFOI 2015 Summary

- 1. The number of Occupational Fatalities in Kentucky was <u>99</u> in 2015
- 2. The two largest categories for fatal events in there state were, <u>transportation with</u> <u>37 deaths</u> and <u>contact with objects and equipment with 25 deaths</u>.
- 3. Workers in the agriculture, forestry, fishing and hunting industry experienced <u>18</u> fatalities.
- 4. The age range with the highest number of fatal occupational injuries was <u>35-44</u> <u>vears</u> with <u>22</u> fatalities.
- 5. The race or ethnic group with the highest number of fatalities was <u>White (non-Hispanic)</u> with <u>86</u> deaths.
- 6. The largest category of primary source was <u>vehicles</u>, accounting for <u>41</u> fatalities.
- 7. Of the 99 fatalities in 2015, <u>91 were men and 8 were women.</u>
- 8. In 2015 there were <u>5</u> homicides
- 9. In 2015, there were <u>12</u> fatalities in the <u>government sector 4</u> being in <u>state</u> <u>government.</u>
- 10. Of the 99 fatalities in Kentucky <u>27</u> were self-employed.



Source: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

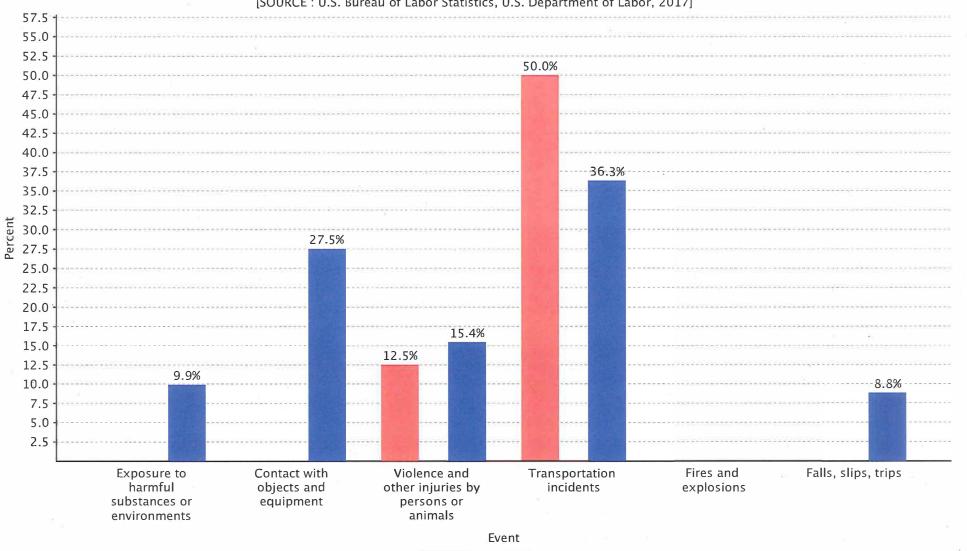
This graph does not include employees that die of natural causes in the workplace.



Workplace fatal injuries by event or exposure, all ownerships, Kentucky, 2015 (99 total fatal injuries)

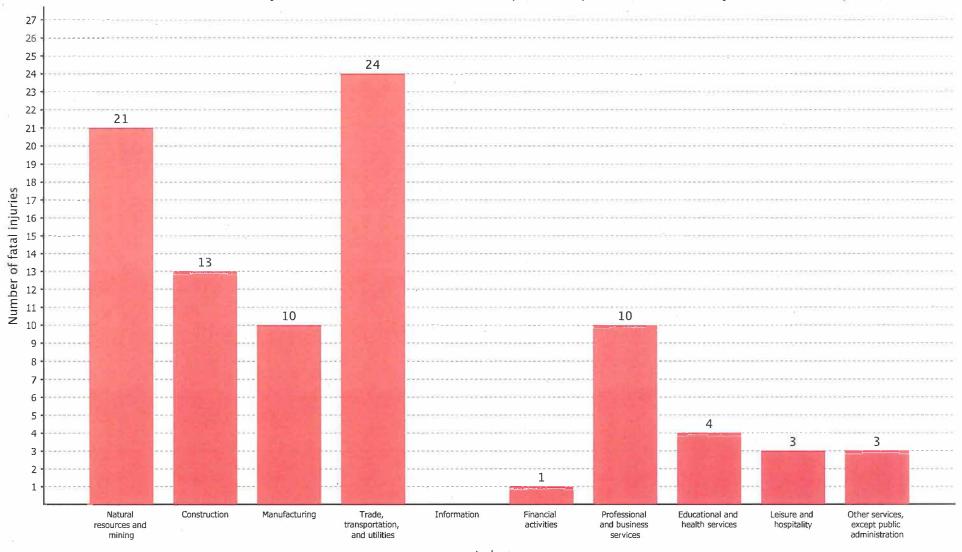
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

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



Fatal work injuries varied between men and women, all ownerships, Kentucky, 2015, (91 men, 8 women) [SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

Women 📕 Men



Fatal work injuries in selected industries, all ownerships, Kentucky, 2015 (99 total fatal injuries)

Industry

[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2017]

т. Т.						Event or e	xposure ²		
Industry ¹		NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Total			99	15	37		9	11	25
Private industry	÷		87	10	31		9	10	25
Goods producing			43	3	10	1	6	4	19
Natural resources and mining			21		3				14
Agriculture, forestry, fishing and hunting			18		3			·	12
Crop production Animal production and aquaculture		111 112	5						4
Forestry and logging Logging		113 1133	7 7						6 6
Logging Support activities for agriculture and forestry Support activities for animal production Support activities for animal production		11331 115 1152 11521	7 1 1 1			-			6
Mining ⁵			3			× -			2
Oil and gas extraction Oil and gas extraction Oil and gas extraction Crude petroleum and natural gas extraction		211 2111 21111 211111	1 1 1				 		
Mining (except oil and gas) Coal mining Coal mining		212 2121 21211	1 1 1						1 1 1
Bituminous coal and lignite surface mining Support activities for mining Support activities for mining Support activities for mining Support activities for coal mining		212111 213 2131 21311 21311 213113	1 1 1 1						1 1 1 1

Industry ² Teal hash principal industry ² Teal hash principal industry ² Exposure of cerespone ² Construction File sile (number) File sile (number) File sile (number) File sile (number) Exposure to cerespone ² Construction Construction 12 - 5 - 4 - - Nation of the indication (number) 237 2 - 1 - <th>· · · · · · · · · · · · · · · · · · ·</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	· · · · · · · · · · · · · · · · · · ·								
Industry ¹ Indust			2			Event or e	exposure ²		
Construction125444Heavy and civil engineering construction23721Utility system construction23711-1Oil and gas pipeline and related structures construction23711 </td <td>Industry¹</td> <td>NAICS code¹</td> <td>injuries</td> <td>other injuries by persons</td> <td></td> <td></td> <td></td> <td>harmful sub- stances or</td> <td>objects</td>	Industry ¹	NAICS code ¹	injuries	other injuries by persons				harmful sub- stances or	objects
Construction125444Heavy and civil engineering construction23721Utility system construction23711-1Oil and gas pipeline and related structures construction23711 </td <td>1 ×</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> <td></td>	1 ×						10		
Heavy and civil engineering construction 2371 2 1 <	Construction		12		5		4		
Utility system construction 2371 2 1 <th< td=""><td>Construction</td><td></td><td>12</td><td><u> </u></td><td>5</td><td></td><td>4</td><td>-</td><td></td></th<>	Construction		12	<u> </u>	5		4	-	
Power and communication line and related structures construction 23713 1 1 Speciality trade contractors 238 10 4 1 Foundation, structure, and building exterior contractors 23816 2 Residential roofing contractors 23816 1 1 1 1 </td <td></td> <td>2371</td> <td>2 2 1</td> <td></td> <td>1</td> <td> </td> <td></td> <td></td> <td> </td>		2371	2 2 1		1	 			
Specialty trade contractors 238 10 4 4 1 Foundation, structure, and building exterior contractors 23816 2 3 Residential roofing contractors 238161 1			1		1				
Foundation, structure, and building exterior contractors 2381 4 3 Roofing contractors 23816 2 Building equipment contractors 2382 4 2 Building equipment contractors 23822 2 2 Plumbing, heating, and air-conditioning contractors 23822 2 2 Nonresidential plumbing, heating, and air-conditioning 23822 1 1 1 1 1 1 1			10		4		4		1
Residential roofing contractors 238161 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td></td> <td>2381</td> <td>4</td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td></td>		2381	4				3		
Building equipment contractors 2382 4 2 1 1 <th< td=""><td></td><td>23816</td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		23816	2						
Building equipment contractors 2382 4 2 1 1 <th< td=""><td>Residential roofing contractors</td><td>238161</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Residential roofing contractors	238161	1						
Nonresidential plumbing, heating, and air-conditioning contractors23822211Other specialty trade contractors23891111Manufacturing2382110111Manufacturing312213Beverage and tobacco product manufacturing312121Soft drink and ice manufacturing3121111Distilleries3121111Wood product manufacturing312111Distilleries312141Wood product manufacturing321911 <td< td=""><td></td><td>2382</td><td>4</td><td></td><td>2</td><td></td><td></td><td>÷</td><td></td></td<>		2382	4		2			÷	
contractors Other specialty trade contractors23891Site preparation contractors238911111Manufacturing1013Manufacturing312213Beverage and tobacco product manufacturing312121Soft drink and ice manufacturing3121111Soft drink manufacturing312111Distilleries3121411Wood product manufacturing321911<	Plumbing, heating, and air-conditioning contractors	23822	2		2				
Site preparation contractors2389111Manufacturing101113Beverage and tobacco product manufacturing312213Beverage manufacturing3121213Soft drink and ice manufacturing3121111Soft drink manufacturing3121111Distilleries3121111Wood product manufacturing321911Other wood product manufacturing32191Other wood product manufacturing32191Millwork321911Cut stock, resawing lumber, and planing3219121Cut stock, resawing lumber, and planing3219121	Nonresidential plumbing, heating, and air-conditioning	238222	1		1				
Manufacturing1013Manufacturing312213Beverage and tobacco product manufacturing312213Beverage manufacturing312121	Other specialty trade contractors	2389							1
Manufacturing312213Beverage and tobacco product manufacturing31221Beverage manufacturing312121Soft drink and ice manufacturing3121111Soft drink manufacturing312111Soft drink manufacturing312111Distilleries3121411Wood product manufacturing3211Other wood product manufacturing321911Millwork321911Cut stock, resawing lumber, and planing3219121	Site preparation contractors	23891	1			·			1
Manufacturing312213Beverage and tobacco product manufacturing31221Beverage manufacturing312121Soft drink and ice manufacturing3121111Soft drink manufacturing312111Soft drink manufacturing312111Distilleries3121411Wood product manufacturing3211Other wood product manufacturing321911Millwork321911Cut stock, resawing lumber, and planing3219121		~ ~							
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Beverage and tobacco product manufacturing 312 2 1 Beverage manufacturing 3121 2 1 Soft drink and ice manufacturing 31211 1 1 Soft drink manufacturing 31211 1				1 (F			_		
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Beverage manufacturing 3121 2 1 1 Soft drink and ice manufacturing 31211 1	Beverage and tobacco product manufacturing	312	2			1			
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Soft drink manufacturing312111Distilleries312141111Wood product manufacturing3211Other wood product manufacturing32191Millwork321911Cut stock, resawing lumber, and planing3219121			1						
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Other wood product manufacturing 3219 1			1			-+	1		
Millwork 32191 1			1						
	Millwork	32191	1					· ·	
Chemical manufacturing 325 1 1 </td <td>Cut stock, resawing lumber, and planing</td> <td>321912</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Cut stock, resawing lumber, and planing	321912	1						
	Chemical manufacturing	325	1	-	1				

		,			Event or e	exposure ²		
Industry ¹	NAICS code1	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Soap, cleaning compound, and toilet preparation manufacturing	3256	1		1				
Soap and cleaning compound manufacturing	32561	1		1				
Soap and other detergent manufacturing	325611	1		1				
Nonmetallic mineral product manufacturing	327	1						
Other nonmetallic mineral product manufacturing	3279	1						
All other nonmetallic mineral product manufacturing	32799	1						
Cut stone and stone product manufacturing	327991	1						
Primary metal manufacturing	331	1						1
Alumina and aluminum production and processing	3313	1						1
Alumina and aluminum production and processing	33131	1						1
Aluminum sheet, plate, and foil manufacturing	331315	1						1
Fabricated metal product manufacturing	332	2						
Spring and wire product manufacturing	3326	1						
Spring and wire product manufacturing	33261	1						
Spring manufacturing	332613	1						
Coating, engraving, heat treating, and allied activities	3328	1						
Coating, engraving, heat treating, and allied activities	33281	1					·	
Electroplating, plating, polishing, anodizing, and coloring	332813	1						
Transportation equipment manufacturing	336			.				
Motor vehicle body and trailer manufacturing	3362	. °						
Motor vehicle body and trailer manufacturing	33621	· · ·				·		
Motor vehicle body manufacturing	336211	1						
Service providing		44	7	21		3	6	6
Trade, transportation, and utilities		23		14				4
Wholesale trade		5		. 3				1
Merchant wholesalers, durable goods	423	3		1				1
Professional and commercial equipment and supplies merchant	4234			1				
wholesalers Other commercial equipment merchant wholesalers	42344	1		. 1				
Miscellaneous durable goods merchant wholesalers	4239	1						1
	1 1235	-				l	l	1

					Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Recyclable material merchant wholesalers	42393	1						1
Merchant wholesalers, nondurable goods	424	2						
Miscellaneous nondurable goods merchant wholesalers	4249	2						
Farm supplies merchant wholesalers	42491	2						
	12151	2						
Retail trade	S	7	· · ·			n		
G								
Motor vehicle and parts dealers	441	2						
Automobile dealers	4411	2						
New car dealers	44111	2			, 	T		
Food and beverage stores	445	2				-+		
Grocery stores	4451	1						
Convenience stores	44512	1						
Beer, wine, and liquor stores	4453	1						
Beer, wine, and liquor stores	44531	1						
Miscellaneous store retailers	453		·					
Other miscellaneous store retailers	4539			. · · · ·				·/
Manufactured (mobile) home dealers	45393	1						1
Transportation and warehousing		11		9				1
reaspondation and warehousing		11	÷					
Truck transportation	484	10		8				1
General freight trucking	4841	7		6				
General freight trucking, local	48411	3	·	3				
General freight trucking, long-distance	48412	2		2				
General freight trucking, long-distance, truckload	484121	1		1				
General freight trucking, long-distance, less than truckload	484122	1		1				
Specialized freight trucking	4842	3						1
Specialized freight (except used goods) trucking, long-distance	48423	1		· · .				1
Couriers and messengers	492	1			·			
Couriers	4921	1						
Couriers	49211	1						
Financial activities		1						1

		alls, slips, trips	Exposure to harmful sub-	Contact with
			stances or environments	objects and equipment
Real estate and rental and leasing 1				1
Rental and leasing services 532 1				1
Commercial and industrial machinery and equipment rental and leasing 5324 1				1
Construction, transportation, mining, and forestry machinery and 53241 1				1
equipment rental and leasing				0
Construction, mining, and forestry machinery and equipment 532412 1 rental and leasing				1
Professional and business services 10 2 3	·			
Professional and technical services 3 2				
Professional, scientific, and technical services 541 3 2				
Architectural, engineering, and related services 5413 3 2				
Engineering services 54133 3 2				
Administrative and waste services 7 3				
Administrative and support services 561 6				
Services to buildings and dwellings 5617 5			·	
Landscaping services 56173 4				
Waste management and remediation services 562 1 1				
Waste treatment and disposal 5622 1 1				
Waste treatment and disposal 56221 1 1				
Hazardous waste treatment and disposal 562211 1 1		·		5
				-
Educational and health services 3				
Health care and social assistance 3				
Social assistance 624 1				
Child day care services 6244 1				
Child day care services 62441 1				

			Event or exposure ²								
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment			
Leisure and hospitality			-								
Accommodation and food services		3			-	-					
Food services and drinking places	722	3									
Restaurants and other eating places	7225	3		-							
Restaurants and other eating places	72251	3		3							
Full-service restaurants	722511	2									
Limited-service restaurants	722513	1	1								
Other services, except public administration		3									
Other services, except public administration		3					"				
Repair and maintenance	811	3						÷ ,			
Automotive repair and maintenance	8111	3									
Automotive mechanical and electrical repair and maintenance	81111	1									
General automotive repair	811111	1									
Other automotive repair and maintenance	81119	1						···			
Car washes	811192	1									
14											
Government ⁶	5 y	12	5	6							
Federal government		4		1							
Service providing		4		1							
Trade, transportation, and utilities		1		1							
Transportation and warehousing		1		1							
Postal service Postal service	491 4911	1		1	-						

			34		Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Postal service	49111	. 1		1				
Public administration		3						
Public administration		3		-				
National security and international affairs National security and international affairs National security	928 9281 92811	3 3 3						
State government		4	1	3				
Goods producing		1		1				
Construction		1		1				
Construction		1		1				
Heavy and civil engineering construction Highway, street, and bridge construction Highway, street, and bridge construction	237 2373 23731	1 1 1	-	1 1 1				
Service providing		3	, 1					
Public administration		3	1					
Public administration		3	1					
Justice, public order, and safety activities Justice, public order, and safety activities Police protection	922 9221 92212	3 3 3	1 1 1		<u></u>			
Local government		4		2				

					Event or e	exposure ²	ā.	
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Service providing		4		2				
Educational and health services		1		1				
Health care and social assistance		1		1				
Ambulatory health care services	621	1		1				
Other ambulatory health care services	6219	1		1				
Ambulance services	62191	1		1				
Public administration		3		1				
Public administration		3		1				
Justice, public order, and safety activities Justice, public order, and safety activities Police protection	922 9221 92212	3 3 3		1				

					Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment

¹ 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.

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

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

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

⁵ 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.

⁶ 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.

			Transportati	ion incidents ²		Hom	icides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Total	99	37	25	6	4	5	4
Private industry	87	31	21	6	2	3	2
Goods producing	43	10	7		1		
Natural resources and mining	21	3	1 alt. 1				
Agriculture, forestry, fishing and hunting	18	3	1	· · · ·			
Crop production Animal production and aquaculture	5						
Forestry and logging Logging	7						
Logging Support activities for agriculture and forestry	7						
Support activities for animal production Support activities for animal production	1						
Mining ³	3						
Oil and gas extraction	1						
Oil and gas extraction Oil and gas extraction	1			-			
Crude petroleum and natural gas extraction Mining (except oil and gas)	1						
Coal mining Coal mining	1						
Bituminous coal and lignite surface mining Support activities for mining	1		-				
Support activities for mining Support activities for mining	1						
Support activities for coal mining							

			Transportati		Homicides ²		
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Construction	12	5	4		1		-
Construction	12	5	4		1		
Heavy and civil engineering construction	2	1			1		-
Utility system construction	2	1			1		
Oil and gas pipeline and related structures construction	1						
Power and communication line and related structures construction	1	1			1		
Specialty trade contractors	10	4	4				
Foundation, structure, and building exterior contractors	4						
Roofing contractors	2						
Residential roofing contractors	1						
Building equipment contractors	4	2	2				
Plumbing, heating, and air-conditioning contractors	2	2	2				
Nonresidential plumbing, heating, and air-conditioning	1	1	1				
contractors							
Other specialty trade contractors							
Site preparation contractors	1						
Manufacturing	10						
Manufacturing	10						
Beverage and tobacco product manufacturing	2						
Beverage manufacturing	2						
Soft drink and ice manufacturing	1						
Soft drink manufacturing	1						
Distilleries	1						
Wood product manufacturing	1						
Other wood product manufacturing	1						
Millwork	1						
Cut stock, resawing lumber, and planing	1			·			
Chemical manufacturing	1	1	1	÷			

	·						
			Transportati	on incidents ²		Homi	cides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Soap, cleaning compound, and toilet preparation manufacturing	1	1	1				
Soap and cleaning compound manufacturing	1	1	1				
Soap and other detergent manufacturing	1	1	1				
Nonmetallic mineral product manufacturing	1						
Other nonmetallic mineral product manufacturing	1						
All other nonmetallic mineral product manufacturing	1	÷					
Cut stone and stone product manufacturing	1						
Primary metal manufacturing	1						
Alumina and aluminum production and processing	1		· · · · ·				
Alumina and aluminum production and processing	1						
Aluminum sheet, plate, and foil manufacturing	1						
Fabricated metal product manufacturing	2			·			
Spring and wire product manufacturing	1						
Spring and wire product manufacturing	1			,			
Spring manufacturing	1					-	
Coating, engraving, heat treating, and allied activities	1		·				
Coating, engraving, heat treating, and allied activities	1			·			
Electroplating, plating, polishing, anodizing, and coloring	1						
Transportation equipment manufacturing							
Motor vehicle body and trailer manufacturing				·			
Motor vehicle body and trailer manufacturing							2 G L
Motor vehicle body manufacturing	1						
Service providing	44	21	14	4	1	3	2
Trade, transportation, and utilities	23	14	10		1		
Wholesale trade	5	3		1			·
Merchant wholesalers, durable goods	3	1	1				
Professional and commercial equipment and supplies merchant		1	1				
wholesalers Other commercial equipment merchant wholesalers	1	1	1				
Miscellaneous durable goods merchant wholesalers					-		
ויווסטבוומוובטעס מעו מטוב קטטעס וווכו טומווג שווטובסמובו ס	1 1		L 7				1 1

			Transportati	on incidents ²		Homi	cides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Recyclable material merchant wholesalers	1						
Merchant wholesalers, nondurable goods	2			1			
Miscellaneous nondurable goods merchant wholesalers	2			1		·	
Farm supplies merchant wholesalers	2			1			
Retail trade	7						
Motor vehicle and parts dealers	2						
Automobile dealers	2						
New car dealers	2						
Food and beverage stores	2						
Grocery stores	1						
Convenience stores	1						
Beer, wine, and liquor stores	1						
Beer, wine, and liquor stores	1				9 <u></u>		
Miscellaneous store retailers							
Other miscellaneous store retailers		÷					
Manufactured (mobile) home dealers	1						
Transportation and warehousing	11	9	6		1		
Truck transportation	10	8	5		1		
General freight trucking	7	6	4		1		
General freight trucking, local	3	3			1		
General freight trucking, long-distance	2	2	2				
General freight trucking, long-distance, truckload	1	1	1				
General freight trucking, long-distance, less than truckload	1	1	1				
Specialized freight trucking	3						
Specialized freight (except used goods) trucking, long-distance	1						
Couriers and messengers	1						
Couriers	1			т			· · ·
Couriers	1						
Financial activities	1						

		а 1	Transportati	on incidents ²		Homi	cides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Real estate and rental and leasing	1	-			-		
Rental and leasing services	1				~ <u>-</u>		
Commercial and industrial machinery and equipment rental and leasing	1						
Construction, transportation, mining, and forestry machinery and	1						
equipment rental and leasing Construction, mining, and forestry machinery and equipment rental and leasing	1	-			-		
Professional and business services	10	3	1			1	1
Professional and technical services	3		-		-	1	1
Professional, scientific, and technical services	3					1	1
Architectural, engineering, and related services	3					1	1
Engineering services	3					1	1
Administrative and waste services	7	3	1		×		
Administrative and support services	6	-					
Services to buildings and dwellings	5				·		
Landscaping services	4						
Waste management and remediation services	1	1	1				
Waste treatment and disposal	1	1	1				· -
Waste treatment and disposal	1	1	1				
Hazardous waste treatment and disposal	1	1	1				
Educational and health services	3						
Health care and social assistance	3			-		· -	
Social assistance	1			×			
Child day care services	1					-	
Child day care services	1						

n			Transportati	on incidents ²	_	Homi	cides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Leisure and hospitality	3						1
Accommodation and food services	3	-					1
Food services and drinking places Restaurants and other eating places	3						د ۱ ۱
Restaurants and other eating places Full-service restaurants Limited-service restaurants	3						1
Other services, except public administration	3						
Other services, except public administration	3						
Repair and maintenance Automotive repair and maintenance	3						
Automotive mechanical and electrical repair and maintenance General automotive repair Other automotive repair and maintenance	1					-	
Car washes	1						
Government ⁴	12	6	4		2	2	2
Federal government	4	1	1		-		
Service providing	4	1	1				
Trade, transportation, and utilities Transportation and warehousing		1			_		
Postal service		1					
Postal service Postal service		1	1	-			

			Transportati	on incidents ²		Homi	cides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
Postal service	1	1	1				
Public administration	3						
Public administration	3	-					
National security and international affairs	3						
National security and international affairs National security	3						
State government	4	3			1	1	1
Goods producing	1	1			1		1
Construction	1	1			1		
Construction	1	1	× _		1		
Heavy and civil engineering construction Highway, street, and bridge construction Highway, street, and bridge construction	1 1 1 1	1 1 1			1 1 1		
Service providing	÷ .3		n			1	1
Public administration	3					1	1
Public administration	3					1	1
ustice, public order, and safety activities Justice, public order, and safety activities Police protection	3 3 3			 	 	1	1
Local government	4	2	1		1	1	1

		Transportati	on incidents ²		Hom	cides ²
Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional
4	2	1		1	1	1
1	1			1	- ⁻	
1	1			1		
1	1			1		
1	1			1		
1	1			1		
3	1	1			1	1
3	1	1			1	1
3	1	1				1
	injuries	injuries	Total fatal injuries (number) Total Roadway incidents involving motorized land vehicle 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	injuries (number) Total	Total fatal injuries (number)TotalRoadway incidents involving motorized land vehicleNonroadway incidents involving motorized land vehiclesPedestrian vehicular incidents4211111111111111111	Total fatal injuries (number)TotalRoadway incidents involving motorized land vehicleNonroadway incidents involving motorized land vehiclesPedestrian vehicular incidentsTotal42111

			Transportati	on incidents ²		Homi	icides ²
Industry ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional

¹ 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.

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

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

⁴ 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.

Industry ¹	Fatal in	njuries		vage and salary kers ²	Governmen	nt workers ³	Self-employ	ed workers ⁴
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	99	100.0	60	100.0	12	100.0	27	100.0
Goods producing	44	44.4	25	41.7	1	8.3	18	66.7
Natural resources and mining	21	21.2	6	10.0			15	55.6
Agriculture, forestry, fishing and hunting	18	18.2	3	5.0		·	15	55.6
Crop production	5	5.1					4	14.8
Animal production and aquaculture Forestry and logging	3	3.0 7.1		3.3			3	11.1 18.5
Logging	7	7.1		3.3			5	18.5
Logging	7	7.1		3.3			5	18.5
Support activities for agriculture and forestry	1	1.0					1	3.7
Support activities for animal production	1	1.0				-+	1	3.7
Support activities for animal production	1	1.0					1	3.7
Mining⁵	3	3.0	3	5.0				
Oil and gas extraction	1	1.0	1	1.7				
Oil and gas extraction	1	1.0	1	1.7				
Oil and gas extraction	1	1.0	1	1.7				
Crude petroleum and natural gas extraction	1	1.0	1	1.7				
Mining (except oil and gas)	1	1.0	1	1.7				
Coal mining	1	1.0	1	1.7				
Coal mining	1	1.0	1	1.7				
Bituminous coal and lignite surface mining	1	1.0	1	1.7				
Support activities for mining	1	1.0	1	1.7				
Support activities for mining	1	1.0	1	1.7				
Support activities for mining	1	1.0		1.7				
Support activities for coal mining	1	1.0	1	1.7		к -		

Industry ¹	Patal injuries		Private sector wage and salary workers ²		Governmer	nt workers ³	Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Construction	13	13.1	9	15.0	1	8.3	3	11.1
Construction	13	13.1	9	15.0	1	8.3	3	11.1
Heavy and civil engineering construction	3	3.0	2	3.3	1	8.3		
Utility system construction	2	2.0		3.3				
Oil and gas pipeline and related structures construction	1	1.0	1	1.7				
Power and communication line and related structures construction	1	1.0	1	1.7			·	
Highway, street, and bridge construction		1.0			1	8.3		
Highway, street, and bridge construction		1.0			1	8.3		
Specialty trade contractors	10	10.1		11.7	1	0	3	
Foundation, structure, and building exterior contractors	4	4.0	/	5.0			5	11.1
Roofing contractors		2.0		3.3				
Residential roofing contractors	1	1.0	1	1.7				
Building equipment contractors		4.0	1 2	5.0			1	3.7
Plumbing, heating, and air-conditioning contractors	2	2.0	1	1.7			1	3.7
Nonresidential plumbing, heating, and air-conditioning	1	1.0		1.7			1	5.7
contractors	1	1.0	-	1.7	-			
Other specialty trade contractors			1	1.7			·	
Site preparation contractors	1	1.0	1	1.7				
Manufacturing	10	10.1	10	16.7	-			
Manufacturing	10	10.1	10	16.7				
Beverage and tobacco product manufacturing	2	2.0	2	3.3				
Beverage manufacturing	2	2.0	2	3.3				
Soft drink and ice manufacturing	1	1.0	1	1.7				
Soft drink manufacturing	1	1.0		1.7	1.1			
Distilleries	1	1.0	1	1.7				
Wood product manufacturing	1	1.0	1	1.7				
Other wood product manufacturing	1	1.0	1	1.7				

				4				
Industry ¹	Fatal ir	Fatal injuries		Private sector wage and salary workers ²		ıt workers ³	Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Millwork	1	1.0	1	1.7			·	
Cut stock, resawing lumber, and planing	1	1.0	1	1.7				
Chemical manufacturing	1	1.0	1	1.7		·		
Soap, cleaning compound, and toilet preparation manufacturing	1	1.0	1	1.7				
Soap and cleaning compound manufacturing	1	1.0	1	1.7				3
Soap and other detergent manufacturing	1	1.0	1	1.7				
Nonmetallic mineral product manufacturing	1	1.0	1	1.7				
Other nonmetallic mineral product manufacturing	1	1.0	1	1.7				
All other nonmetallic mineral product manufacturing	1	1.0	1	1.7				
Cut stone and stone product manufacturing	1	1.0	1	1.7				
Primary metal manufacturing	1	1.0	1	1.7				
Alumina and aluminum production and processing	1	1.0	1	1.7				
Alumina and aluminum production and processing	1	1.0	1	1.7				
Aluminum sheet, plate, and foil manufacturing	1	1.0	1	1.7				
Fabricated metal product manufacturing	2	2.0	2	3.3				
Spring and wire product manufacturing	1	1.0	1	1.7				
Spring and wire product manufacturing	1	1.0	1	1.7				
Spring manufacturing	1	1.0	1	1.7				
Coating, engraving, heat treating, and allied activities	1	1.0	1	1.7				
Coating, engraving, heat treating, and allied activities	1	1.0	1	1.7				
Electroplating, plating, polishing, anodizing, and coloring	1	1.0	1	1.7				
Transportation equipment manufacturing		·				·		
Motor vehicle body and trailer manufacturing	34							
Motor vehicle body and trailer manufacturing								
Motor vehicle body manufacturing	1	1.0	1	1.7	1-			
Service providing	55	55.6	35	58.3	11	91.7	9	33.3
Trade, transportation, and utilities	24	24.2	17	28.3	1	8.3	6	22.2
Wholesale trade	5	5.1	4	6.7				
Merchant wholesalers, durable goods	3	3.0	2	3.3				

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Governmer	t workers ³	Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Professional and commercial equipment and supplies merchant		70	1	1.7				
wholesalers								
Other commercial equipment merchant wholesalers	1	1.0		1.7				
Miscellaneous durable goods merchant wholesalers	1	1.0		1.7				
Recyclable material merchant wholesalers	1	1.0		1.7		-		
Merchant wholesalers, nondurable goods	2	2.0		3.3				
Miscellaneous nondurable goods merchant wholesalers	2	2.0		3.3				
Farm supplies merchant wholesalers	2	2.0	2	3.3		÷		
Retail trade	7	7.1	5	8.3	-	-		
Motor vehicle and parts dealers	2	2.0	2	3.3	·			
Automobile dealers	2	2.0	2	3.3			· · ·	
New car dealers	2	2.0	2	3.3) <u>-</u>	
Food and beverage stores	2	2.0					1	3.7
Grocery stores	1	1.0						
Convenience stores	1	1.0						
Beer, wine, and liquor stores	1	1.0					1	3.7
Beer, wine, and liquor stores	1	1.0					1	3.7
Miscellaneous store retailers			<u></u>					
Other miscellaneous store retailers								
Manufactured (mobile) home dealers	1	1.0	1	1.7				
Transportation and warehousing	12	12.1	8	13.3	1	8.3	3	11.1
Truck transportation	10	10.1	7	11.7			3	11.1
General freight trucking	7	7.1	5	8.3				
General freight trucking, local	3	3.0				-	1	3.7
General freight trucking, long-distance	2	2.0		3.3				
General freight trucking, long-distance, truckload	1	1.0		1.7				
General freight trucking, long-distance, less than truckload	1	1.0		1.7				
Specialized freight trucking	3	3.0					1	3.7
Specialized freight (except used goods) trucking, long-distance	1	1.0					1	3.7
			1				1	

Industry ¹	Fatal injuries		Fatal injuries		Private sector wage and salary workers ²		nt workers ³	Self-employed workers ⁴	
Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Postal service 1	1.0			1	8.3				
Postal service 1	1.0			1	8.3				
Postal service 1	1.0			1	8.3				
Couriers and messengers 1	1.0	1	1.7						
Couriers 1	1.0	1	1.7						
Couriers 1	1.0	1	1.7						
Financial activities 1	1.0	1	1.7						
Real estate and rental and leasing 1	1.0	1	1.7						
Rental and leasing services 1	1.0	1	1.7						
Commercial and industrial machinery and equipment rental and leasing 1	1.0	1	1.7						
Construction, transportation, mining, and forestry machinery and 1 equipment rental and leasing	1.0	1	1.7			-			
Construction, mining, and forestry machinery and equipment 1 rental and leasing	1.0	1	1.7				-		
Professional and business services 10	10.1	8	13.3						
Professional and technical services 3	3.0	^{ته} 3	5.0	·		·			
Professional, scientific, and technical services 3	3.0	3	5.0						
Architectural, engineering, and related services 3	3.0	- 3	5.0						
Engineering services 3	3.0	3	5.0						
Administrative and waste services 7	7.1	5	8.3						
Administrative and support services 6	6.1	4	6.7						
Services to buildings and dwellings 5	5.1	3	5.0						
Landscaping services 4	4.0	3	5.0			1	3.7		
Waste management and remediation services 1	1.0	1	1.7						

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Governmer	ıt workers ³	Self-employed workers ⁴		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Waste treatment and disposal	1	1.0	1	1.7					
Waste treatment and disposal	1	1.0	1	1.7					
Hazardous waste treatment and disposal	1	1.0	1	1.7					
Educational and health services	4	4.0	3	5.0	1	8.3			
Health care and social assistance	4	4.0	3	5.0	1	8.3			
Ambulatory health care services					1	8.3			
Other ambulatory health care services	1	1.0			1	8.3			
Ambulance services	1	1.0			1	8.3			
Social assistance	1	1.0	1	1.7			· · · · ·		
Child day care services	1	1.0	1	1.7					
Child day care services	1	1.0	1	1.7					
Leisure and hospitality	3	3.0	3	5.0					
Accommodation and food services	3	3.0	3	5.0	,			-	
Food services and drinking places	3	3.0	3	5.0					
Restaurants and other eating places	3	3.0	3	5.0					
Restaurants and other eating places	3	3.0	3	5.0					
Full-service restaurants	2	2.0	2	3.3					
Limited-service restaurants	1	1.0	1	1.7					
Other services, except public administration	3	3.0					1	3.7	
Other services, except public administration	3	3.0	c			-	1	3.7	
Repair and maintenance	3	3.0					1	3.7	
Automotive repair and maintenance	3	3.0					1	3.7	
Automotive mechanical and electrical repair and maintenance	1	1.0			2 <u></u>		1	3.7	
General automotive repair	1	1.0					1	3.7	

Industry ¹	Fatal ir	njuries		vage and salary kers ²	Governmer	nt workers ³	Self-employ	ed workers ⁴
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Other automotive repair and maintenance	1	1.0	1	1.7				
Car washes	1	1.0	1	1.7		-	·	
Public administration	9	9.1			9	75.0		
Public administration	9	9.1			9	75.0		
Justice, public order, and safety activities	6	6.1			6	50.0		
Justice, public order, and safety activities	6	6.1			6	50.0		
Police protection	6	6.1			6	50.0		
National security and international affairs	3	3.0			3	25.0		
National security and international affairs	3	3.0			3	25.0		
National security	3	3.0			3	25.0		

Industry ¹	Fatal i	njuries	Private sector v worł	vage and salary kers ²	Governmer	nt workers ³	Self-employ	ed workers ⁴
	Number	Percent	Number	Percent	Number	Percent	Number	Percent

¹ 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.

² May include volunteers and workers receiving other types of compensation.

³ Includes fatal injuries to workers employed by governmental organizations regardless of industry.

[†] 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.

⁵ 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.

			Goods (producing					Service p	providing			
Primary source and secondary source ²	Total fatal injuries (number)	Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other service
Total	99	43	21	12	10	44	23		1	10	3	3	
Primary Source ⁴						£		2°					
Chemicals and chemical products	6	2			2	4	1			· · · ·	1	1	L
Chemical productsgeneral	6	2		: : : : : : : : : : : : : : : : : : :	2	4	1	522	122		1	1	
Drugs, alcohol, and medicines	6	2		277	2	4	1	see.			1	1	
Drugsnonmedicinal	1	-				1	1					-	
Medicines, except vaccines	1	1	22	622	1	10		722		2	1.1.1	2	
Multiple drugs, alcohol, medicines	4	,								_		4	
			C	10100		1		12.51 (14.5	1		1 .0		
Containers, furniture, and fixtures	1 4						1	0.00					
Containers	1 1			-	-	1	1					-	
Containersvariable restraint	1						1	100			-	77	
Reels, rolls, spools, coils, cones	1				-	1	1		(. 14	-			
Machinery	10	7	4	1	2	3				3			
Agricultural and garden machinery	3	1	1			2				2	1		
Harvesting and threshing machinery	1	1	1						1	-		-	- ×
Balersagricultural	1	1	1		-					8			1 3
Mowing machinery	2					2				2	ेत्त	-	• · · · ·
Lawn mowersriding	2					2				2		-	
Construction, logging, and mining machinery	3	3	3	(+		(H		÷			-		
Mining and drilling machinery	1	1	1										
Drilling machines, drilling augers	1	1	1	344		9. <u>44</u>		1.42			-		
Road grading and surfacing machinery	1 1	1	1 4										
Graders, scrapersconstruction	1 1	1	1 9	200					1				
		2		1		1		9322					
Material and personnel handling machinery	1			*						1			
Conveyorspowered Elevators, hoists, aerial lifts, personnel platformsexcept truck-mounted Aerial lifts, scissor liftsexcept truck-mounted	1	1	-	1	-	1	-		-	1	-		
Special process machinery	1	1	-		1		-	2.44	-		·		-
Other special process machinery	1	1			1	7 0	-	7,22	-	<u>. 26</u>		II <u>24</u>	-
Distilling and rectifying machinery	1	1	-		1								-
Parts and materials	3	2		1	1	:/ <u>21</u>		0.4 <u>0</u>		22			
Building materialssolid elements	1	1			1			÷	14			9	
Bricks, blocks, structural stone	1	1 1			1								-
Stone, marble, granite slabs	1	1			1			7.25					
Machine, tool, and electric parts	1 1	1 1		1									
Electric parts		1 1	- 11	1	1.11							1	
Switchboards, switches, fuses			1 0					1.22					
	1	12		1	-								
Persons, plants, animals, and minerals	25	12	9	1	2	°		200		3		1	
Animals								-					
Mammals, except humans	10				-		-		-				
Horses and other equines	1	1	1	0.55		07		1276					
Personinjured or ill worker	7	1		-	1	4				1		-	
Personother than injured or ill worker	6		1 -	-	-	3	-			1	-	2	2
Relative or domestic partner of injured or ill worker	1	27				1		1.77		1	- T	7	-
Spouse or domestic partner of injured or ill worker	1		-			1		-		1			-
Co-worker or work associate of injured or ill worker	1			-	-	-	-		24			2.4	-
Co-worker	3							-					-

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Kentucky, 2015 - Continued

-			Goods	producing					Service p	providing			
Primary source and secondary source ²	Total fatal injuries (number)	Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Assailant, suspect, inmate	4	-				2		·				2	
Robber	1				1.11	1	322	644			- 144 144	1	64
Suspect not yet apprehended	3				-	1				-		1	· -
Plants, trees, vegetationnot processed	10	9	7	1	1	1		·		1			
Trees, logs, limbs	9	8	6	1	1	1		723		1			- C <u>22</u>
Trees	6	6	5	1	-			-		-			
Logs	2	2	1		1								-
Limbs, branchesunattached	1	22		123	<u></u>	1		723		1			222
Structures and surfaces	11	6		4		5	2		1			1 1	
Confined spaces	1 1			1			2			1			5.TL 122
										1 3	- I.		
Ditches, channels, trenches, excavations	1 1			1		1.1.1		1.1				2	
Buildingsoffice, plant, residential					-	1	1						
Residential buildings, except institutionalized	1				-	1	1		1	-	1 7		-
Mobile or prefabricated home	1					1	1	0.77	1	. 77		17. 17.	1.1
Other structural elements	4	3		3	-	1		5.00	1		-		5.00
Entrances and exits	1		-		-	1	-		1	-			-
Doors, except garage and vehicle	1			-	-	1			1	77		र र	17
Roofs	3	3		- 3		: ++					:		: ÷.
Skylights	1	1	-	1		: ++			-				. ÷
Floors, walkways, ground surfaces	3					3	1	2.77	177	-	-		17
Parking lots	1			(H+		1	1	000	-	-			2 (H)
Parking lot irregularity	1					1	1	3 i++	/ a4	1 _ ¥			
Vehicles	41	14	7	5	2	21	16			1			
Rail vehicles	1		-	:		1							1
Train, locomotive, rail car	1	×12				1		722	1			24	1
Highway vehicles, motorized	34	10	3	5	2	18	14			1			
Passenger vehicleautomobiles, buses, and passenger vans	13	3		1	2	5	3			1 2			-
Ambulance, police, and other emergency passenger	3	1 22		- <u>-</u>		122		122			1.1.1	1	5.22
vehicle													
Automobile	9	3		1	2	4	3			-			-
Trucksmotorized freight hauling and utility	14	3	1	177	77	11	10	1.77		1		17	
Semi, tractor-trailer, tanker truck	6	1		1		5	5				:		्स
Boom truck, bucket or basket hoist truck	1	1	1						-				
Dump truck	2				77	2	2						
Delivery truck or van	5		-	· · · · ·	-	4	3	((-	1		**	: :÷
Multi-purpose highway vehicles	7	4	2	1 (H	-	-			<u></u>				:
Pickup truck	6	4	2									77	1.27
Off-road or industrial vehiclespowered	6	4	4		-	2	2	्स			-		
Industrial vehicles, material hauling and	2	5 <u>2</u> 2		1.44	1 - Li	2	2	1.000	· · · · ·		: 54	1 22	8 1944 1944
transportpowered													
Forklift, order picker, platform truckpowered	2) 44		2	2	: 					1
Tractors, PTOs	4	4	4	-	+)-	-				-
Farm tractor	4	4	4	-)e	-		25		
Secondary Source ^S								_					
Chemicals and chemical products	-	1	11		1		1	(1 12			
Aromatics and hydrocarbon derivatives, except halogenated	9	1	-	-	1		-	-		-	-		_
Alcohols	1						. 3						
Ethanol		1				-	1	-					
	4	1			1							-	-
Machinery	3	E 85	-					-			~	-	

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Kentucky, 2015 - Continued

			Goods	producing					Service p	providing			
Primary source and secondary source ²	Total fatal injuries (number)	Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Material and personnel handling machinery	1	1	1				-						
Jacks	1	1	1		22	-		·	205			- 17 <u>25</u>	122
Parts and materials	5					2	1		-	1			
Building materialssolid elements		-				1	1		-				
Bricks, blocks, structural stone	1					1	1	144	26	- 1 <u>1</u>		122	
Concrete blocks, cinder blocks	1	-			-	1	1	-	· · · ·				
Machine, tool, and electric parts	2	1	1		-	1	L. 10		-	1			
Electric parts	2	1	1	12		1	1.1	12	22	1		1	
Power lines, transformers, convertors	2	1	1			Ĩ	-			1			_
Vehicle and mobile equipment parts	1	-	_		_	1						122	
Trailers	1	1.5					_					_	
Persons, plants, animals, and minerals						3	2	<u> </u>	8		1 1	2.00	
Plants, trees, vegetationnot processed		1 1										0.00	
Trees, logs, limbs							2						
Trees											1. 11	120	
Structures and surfaces		2					J			1	1 1	- 23	
Structures other than buildings	1	5			1	2	;			1			
		27				1 1				- 77	1 7		
Bridges, dams, locks							1	1				1.00	
Other structural elements		1	1			1	-	-		1			
Fences, fence panels, gates	1° 5	1				177				1 677	-77		
Gates			1	1	-		-			1.1.1	1 0	1.000	-
Trusses, girders, beamsstructurally attached	1		-	-			-			1		-	-
Girders, beams, structural steel	1	2	-	17	5	1	-	17		1		138	100
Geographical structures	1	1	-	-	1								
Water bodiesnatural	1	1	-		1								
Tools, instruments, and equipment	12	327		1.17		8		-		2	1	2	
Handtoolsnonpowered	1				-	1	-					1	
Cutting handtoolsnonpowered	1		-		-	1	-			-		1	-
Knives, unspecified or n.e.c.	1 1	-			-	1				27	1 7	1	्य
Medical and surgical instruments and equipment	1	1	-		-	1	22				1		-
Medical sharps instruments	1		-	-	-	1	-				1	(+	+
Needles, syringes	1		-	-	-	1		-	-		1	0.55	
Firearms, law enforcement, and other self-defense equipment	10				-	6	-	~		2		1	-
Firearms	10		-	-	-	6	-	÷.	3	2	त	1	
Pistol, handgun, revolver	6	. : 		-	-	4			-	2			~
Vehicles	26	11	4	4	3	11	6		1	1	-	17.222	-
Rail vehicles	1		-			1	1					1.777	
Train, locomotive, rail car	1	-			-	1	1		**				
Freight train	1		-			1	1					9.62	
Highway vehicles, motorized	24	10	3	4	3	10	5		1	1		2.55	-
Passenger vehicleautomobiles, buses, and passenger vans	6	2		1	1	3	1		(.				
Automobile	4	1	-		1		1	-				1.11	
Passenger van	্রের	1		1		-77	175		5			2.75	
Trucks-motorized freight hauling and utility	14		3		2	6	4		1				
Semi, tractor-trailer, tanker truck	12	5	3		1	6	4	-	1			1,22	
Boom truck, bucket or basket hoist truck	2	2	-	1	1	÷.	-			1	77	377	
Multi-purpose highway vehicles	4					1	-			1		- 11	~
Pickup truck	1	-	-	,	-	1	-			1		2.44	
SUV, sports utility vehicle	3		-			1				1.11			
				ar it				5.					

			Goods	producing	2				Service p	providing			
Primary source and secondary source ²	Total fatal injuries (number)	Total goods producing	Natural resources and mining ³	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services

¹ 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.

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

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

⁴ 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.

⁵ 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.

			Event or exposure ²							
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipmen			
Total	99	15	37		9	11	2			
Management occupations	9									
Other management occupations	9									
Farmers, ranchers, and other agricultural managers	9									
Farmers, ranchers, and other agricultural managers	9									
Architecture and engineering occupations	1	1								
Engineers	1	1								
Civil engineers	1	1			·					
Civil engineers	1	1								
Healthcare practitioners and technical occupations										
Health technologists and technicians	1		1		· · ·					
Emergency medical technicians and paramedics	1		1							
Emergency medical technicians and paramedics	u 1		1							
Protective service occupations	7	3	3							
Law enforcement workers	6	3	3							
Police officers	6	3	3							
Police and sheriff's patrol officers	6	3	3							
Food preparation and serving related occupations	1									
Food and beverage serving workers	1									
Waiters and waitresses	1									
Waiters and waitresses	1									
Building and grounds cleaning and maintenance occupations	5									
Grounds maintenance workers	4									
Grounds maintenance workers	4									
Landscaping and groundskeeping workers	2									
Tree trimmers and pruners	1									
Personal care and service occupations	2									
Animal care and service occupations	1									
Animal trainers	1									
Animal trainers	1									
Other personal care and service workers	1									
Childcare workers	1									

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipmen
Childcare workers	1						
Sales and related occupations	7		4				
Supervisors of sales workers	3						·
First-line supervisors of sales workers	3						
First-line supervisors of retail sales workers	2						
Retail sales workers					·		
Retail salespersons	1						
Retail salespersons	1						
Sales representatives, wholesale and manufacturing	2						
Sales representatives, wholesale and manufacturing	2						
Sales representatives, wholesale and manufacturing, except technical and scientific products Office and administrative support occupations	2		-				_
	2	1	1 I				
Supervisors of office and administrative support workers		1					
First-line supervisors of office and administrative support workers First-line supervisors of office and administrative	1	1					
support workers Material recording, scheduling, dispatching, and distributing workers	1		1				3
Postal service workers	1		1				-
Postal service mail carriers	1		1				
Farming, fishing, and forestry occupations	8						
Forest, conservation, and logging workers	7						
Logging workers	7				· · ·		·
Fallers	6				- v		
Construction and extraction occupations	15		5	···	4		
Supervisors of construction and extraction workers	· 1				·		
First-line supervisors of construction trades and extraction workers	1						
First-line supervisors of construction trades and extraction workers Construction trades workers	1						
Construction laborers	4		1				
Construction laborers	4		1				
Electricians			1				

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipmen
Electricians	4						
Pipelayers, plumbers, pipefitters, and steamfitters	1		1				
Plumbers, pipefitters, and steamfitters	1		1				
Roofers	2					.	
Roofers	2						
Other construction and related workers							
Highway maintenance workers	1		1				
Highway maintenance workers	1		1				
Installation, maintenance, and repair occupations	1					1 7	
Other installation, maintenance, and repair occupations	3						
Miscellaneous installation, maintenance, and repair occupations	1						
Manufactured building and mobile home installers				-			
-							
Production occupations	0						2
Supervisors of production workers	2	·					
First-line supervisors of production and operating workers	2						
First-line supervisors of production and operating workers	2		¹				
Assemblers and fabricators	2						
Miscellaneous assemblers and fabricators	2						
Metal workers and plastic workers	3					a:	
Miscellaneous metalworkers and plastic workers	1						
Other production occupations	1			1			
Chemical processing machine setters, operators, and tenders	1			1			
Separating, filtering, clarifying, precipitating, and	1			1	· · ·		
still machine setters, operators, and tenders Transportation and material moving occupations	24		15				
Motor vehicle operators	21		13				
Driver/sales workers and truck drivers	18		12			.	
Driver/sales workers	2						
Heavy and tractor-trailer truck drivers	15		11				
Material moving workers	3						
Laborers and material movers, hand	3					.	
Cleaners of vehicles and equipment	1						
Laborers and freight, stock, and material movers, hand	2		1				
Military specific occupations ⁵	2			·		.	

				Event or e	exposure ²	ŝ	
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment

¹ 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/oshcfdef.htm.

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

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

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

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

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. 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, January 10, 2017

			Transportati	on incidents ²		Homi	cides ²
Occupation ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person- intentional
Total	99	37	25	6	4	5	
Management occupations	9		1				
Other management occupations	9		1				
Farmers, ranchers, and other agricultural managers	9		1				
Farmers, ranchers, and other agricultural managers	9		1				
Architecture and engineering occupations	1						
Engineers	1						
Civil engineers	1		× -{				
Civil engineers	1						
Healthcare practitioners and technical occupations					1		
Health technologists and technicians	1	1			1		
Emergency medical technicians and paramedics	1	1			1		
Emergency medical technicians and paramedics	1	° 1			1		
Protective service occupations	7	3	3			2	
Law enforcement workers	6	3	3			2	
Police officers	6	3	3			2	
Police and sheriff's patrol officers	6	3	3			2	
Food preparation and serving related occupations	1						
Food and beverage serving workers	1						
Waiters and waitresses	1						
Waiters and waitresses	1						
Building and grounds cleaning and maintenance occupations	5						
Grounds maintenance workers	4						
Grounds maintenance workers	4			· · · · ·			
Landscaping and groundskeeping workers	3						
Tree trimmers and pruners	1						
Personal care and service occupations	2						-
Animal care and service workers	1						
Animal trainers	1						
Animal trainers	1						
Other personal care and service workers	1						
Childcare workers	1						

		х	Transportat	on incidents ²		Homi	cides ²
Occupation ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person- intentional
Childcare workers	1						-
Sales and related occupations	7	4	4 4				
Supervisors of sales workers	3						.
First-line supervisors of sales workers	3		.			s	-
First-line supervisors of retail sales workers	2		.				
Retail sales workers			.				
Retail salespersons	1					· · · ·	
Retail salespersons	1						
Sales representatives, wholesale and manufacturing	2						
Sales representatives, wholesale and manufacturing	2						
Sales representatives, wholesale and manufacturing, except technical and scientific products Office and administrative support occupations	2						
Supervisors of office and administrative support workers	1					1	
First-line supervisors of office and administrative support workers First-line supervisors of office and administrative	1	-				1	
support workers Material recording, scheduling, dispatching, and distributing workers	1	1	. 1				
Postal service workers	1	1	. 1				
Postal service mail carriers	1	1	. 1				
Farming, fishing, and forestry occupations	8						
Forest, conservation, and logging workers	7						
Logging workers	7						
Fallers	6						
Construction and extraction occupations	15	5	3		2		
Supervisors of construction and extraction workers	1						
First-line supervisors of construction trades and extraction workers First-line supervisors of construction trades and extraction workers	1						
Construction trades workers	12	3	3		1		
Construction laborers	4	1			- 1		54.°
Construction laborers	4	1			1		
Electricians	4					·	

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Kentucky, 2015 - Continued

	Transportation incidents ²					Homi	omicides ²		
Occupation ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person- intentional		
Electricians	4						-		
Pipelayers, plumbers, pipefitters, and steamfitters	1	1	1						
Plumbers, pipefitters, and steamfitters	1	1	1				.		
Roofers	2					·			
Roofers	2								
Other construction and related workers					1				
Highway maintenance workers	1	1			1				
Highway maintenance workers	1	1			1				
Installation, maintenance, and repair occupations	5								
Other installation, maintenance, and repair occupations	3								
Miscellaneous installation, maintenance, and repair workers	1								
Manufactured building and mobile home installers	1								
Production occupations	8	1	1						
Supervisors of production workers	2	1	1						
First-line supervisors of production and operating workers	2	1	1			·			
First-line supervisors of production and operating workers	2	1	1						
Assemblers and fabricators	2								
Miscellaneous assemblers and fabricators	2								
Metal workers and plastic workers	3								
Miscellaneous metalworkers and plastic workers	1								
Other production occupations	1								
Chemical processing machine setters, operators, and tenders	1			() L					
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders Transportation and material moving occupations	1						-		
Motor vehicle operators	21	13			1				
Driver/sales workers and truck drivers	18	13			1		1		
Driver/sales workers	20	12							
Heavy and tractor-trailer truck drivers	15				1				
Material moving workers	2	11		1					
Laborers and material movers, hand	3								
Cleaners of vehicles and equipment									
Laborers and freight, stock, and material movers, hand		1							
	1 4	1		1					

			Transportatio	on incidents ²	х	Homi	icides ²
Occupation ¹	Total fatal injuries (number)	Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person intentional

¹ 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/oshcfdef.htm.

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

³ 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, January 10, 2017

				Event or e	xposure ¹		
Worker characteristics	Total fatal injuries (number)	Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful sub- stances or environments	Fires and explosions
Total	99	37	15	25	9	11	
Employee status	-		20 				
Wage and salary ⁴ Self-employed ⁵	72 27	28 9	11 4	15 10	7 	10 	1
Gender							
Women Men	8 91	4 33	1 14	 25	 8	 • 9	
Age							
Under 16 years 16 to 17 years 18 to 19 years 20 to 24 years 25 to 34 years 35 to 44 years 45 to 54 years 55 to 64 years 65 years and over Race or ethnic origin ⁶	 1 10 19 22 15 13 17	 1 3 6 11 6 5 5	 4 3 3 1 	 5 2 6 4 6	 1 3	4 	
White (non-Hispanic) Black or African-American (non-Hispanic) Hispanic or Latino American Indian or Alaska Native (non-Hispanic) Asian (non-Hispanic) Native Hawaiian or Pacific Islander (non-Hispanic)	86 6 5 	33 	11 3 	22 	8 		

			+								
				Event or e	xposure ¹						
Worker characteristics	Total fatal injuries (number)	Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful sub- stances or environments	Fires and explosions				
	+										
¹ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.0	1 implemented f	for 2011 data form	vard.								
² Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal	occupational in	juries resulting fro	m being struck	by a vehicle.							
³ Includes violence by persons, self-inflicted injury, and attacks by animals.											
⁴ May include volunteers and workers receiving other types of compensation.											
⁵ Includes self-employed workers, owners of unincorporated businesses and farms, partnerships.	paid and unpaid	family workers, ar	nd may include	some owners of	incorporated bu	usinesses or mem	bers of				
⁶ Persons identified as Hispanic or Latino may be of any race. The race categories sh	own exclude dat	a for Hispanics ar	nd Latinos.								
Note: Data for all years are revised and final. Totals for major categories may includ criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by	-		tely. Dashes inc	licate no data rep	oorted or data t	hat do not meet p	oublication				
Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with sta 2017	ate, New York Ci	ity, District of Colu	umbia, and fede	ral agencies, Cen	sus of Fatal Oc	cupational Injurie	s, January 10,				
		X	19				<u>H</u>				

					_	Age				-
	Total fatal									
Event or exposure ¹	injuries			<						65 years and
	(number)	Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	over
										·
Total	99		1		10	19	22	15	13	17
			-		10			13	1.0	17
Violence and other injuries by persons or animals	15	· ·		1	4	3	3	1	>	
Intentional injury by person	12				3	3	3	1		
Homicides (Intentional injury by other person)	5					3		1		
Shooting by other personintentional	4					3		1		
Suicides (Self-inflicted injuryintentional)	7						3			
Shootingintentional self-harm	5		ə <u>i</u>				3		·	
Injury by personunintentional or intent unknown	1				1					
Injury by other personunintentional or intent unknown	1				1		8			
Shooting by other personunintentional	1				1					
Transportation incidents	37		1		3	6	11	6	5	5
Rail vehicle incidents						-				1
Collision between rail vehicle and another vehicle	1			-10 -11						-1
Collision between rail and roadway vehicles	1									1
Pedestrian vehicular incident	4						1	1		
Pedestrian struck by vehicle in work zone	2		· · · ·	·		· · ·				
Pedestrian struck by vehicle propelled by another	1					1				
vehicle in work zone				-						
Pedestrian struck by forward-moving vehicle in work	1									
zone Dedestrije struck buvekjele in readvery		· · · ·								
Pedestrian struck by vehicle in roadway							1			
Pedestrian struck by forward-moving vehicle in roadway							1			
Pedestrian struck by vehicle on side of road										
Pedestrian struck by forward-moving vehicle on side of road	1							1		
Roadway incidents involving motorized land vehicle	25			ा			9	4	4	4
Roadway collision with other vehicle	19						7		4	3
Roadway collisionmoving in same direction	4									2
Roadway collisionmoving in opposite directions,	8					÷	6		1	
oncoming										
Roadway collisionmoving and standing vehicle in	3	1.00				-				1
roadway Roadway collisionmoving and standing vehicle on side										
of roadway	-			-				-		
Roadway collision with object other than vehicle	4		G				1			
Vehicle struck object or animal on side of roadway	4			·			1			
Roadway noncollision incident										1
, Jack-knifed or overturned, roadway										1
Nonroadway incident involving motorized land vehicles	6		1					1	1	
Nonroadway collision with object other than vehicle									1	
	1		l			I	1		-	

	1	Acc.											
						Age							
Event or exposure ¹	Total fatal injuries (number)	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			
×					-								
Part of occupant's body caught between vehicle and									1				
other object in nonroadway transport incident Nonroadway noncollision incident	5		1					1					
Jack-knifed or overturned, nonroadway	3							1					
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1		1					2					
Fires and explosions													
Explosions													
Explosion of pressure vessel, piping, or tire													
Falls, slips, trips	9												
Falls to lower level	/												
Fall through surface or existing opening						1							
Fall through surface or existing opening more than 30 feet	1					1							
Other fall to lower level	4									10.0			
Exposure to harmful substances or environments	11					3	4						
Exposure to electricity	3												
Exposure to other harmful substances	6						4	- s					
Nonmedical use of drugs or alcoholunintentional overdose	6						4						
Contact with objects and equipment	25					5	2	6	4				
Struck by object or equipment	20					3	2	5	3				
Struck by powered vehiclenontransport	7						1	1					
Caught between rolling powered vehicle and other object	2							1					
Struck or run over by rolling powered vehicle	3												
Struck by falling part of powered vehicle still attached	1				-		1						
Struck by rolling object or equipmentother than powered vehicle	1			1982				1					
Struck by falling object or equipmentother than powered vehicle	12					3	1	3					
Struck by object falling from vehicle or machineryother than vehicle part	5					1	-		1				
Caught in or compressed by equipment or objects	3												
Caught in running equipment or machinery						1							
Caught in running equipment or machinery during regular operation						1				2			
Struck, caught, or crushed in collapsing structure, equipment, or material	-			1									
Excavation or trenching cave-in	1			1									

						Age				
Event or exposure ¹	Total fatal injuries (number)	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

¹ 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, January 10, 2017

This report was prepared by the OSH Statistical Services branch in the Division of Education and Training, Kentucky Labor Cabinet.

Data collection, analysis, and publication by: Heather Damron, Statistical Branch Manager Chasidy Hawkins, CFOI Program Coordinator

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