

Kentucky
Occupational
Injury, Illness
&
Fatality
Report

2006 - 2007

Report prepared by:

Kentucky Labor Cabinet
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Division of Occupational Safety and Health
Education and Training
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in cooperation with The U.S. Department of Labor, Bureau of Labor Statistics

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KENTUCKY LABOR CABINET

Steven L. Beshear Governor

Daniel Mongiardo Lieutenant Governor Suite 4, 1047 U.S. Highway 127 South Frankfort KY 40601 Phone: 502.564.3070 www.labor.ky.gov

October 29, 2008

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J. R. Gray Secretary

Mark S. Brown Deputy Secretary

Dear Fellow Kentuckian:

During my entire working life, I have considered myself to be a working Kentuckian.

Having worked in the steel manufacturing industry and in the chemical manufacturing industry, I attained an acute awareness of occupational illness and injury issues and the devastating effects they have on Kentucky workers and their families.

During my careers with the labor movement and in the Kentucky House of Representatives, I was a strong advocate of safety and health at all work sites across the Commonwealth of Kentucky.

As your Secretary of Labor, I join with Governor Beshear and this administration in attempting to eliminate safety and health hazards through education and training and through vigorous and fair enforcement of our laws and regulations.

For your information, I enclose a survey of our illness and accident status and occurrences which have been carefully verified. It is our sincere hope that this survey will provide you with valuable statistics.

Our extremely capable safety and health experts stand ready to assist you in any and all ways possible to help ensure that all work sites in Kentucky are safe and healthful facilities.

Sincerely,

J. R. Gray, Secretary Kentucky Labor Cabinet

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Acknowledgements

SURVEY

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INTRODUCTION

In accordance with the requirements of Kentucky's Occupational Safety and Health law (Kentucky Revised Statutes, Chapter 339), the Kentucky Labor Cabinet collects, compiles, and analyzes injury and illness statistics. This is accomplished through a Federal/State survey program conducted jointly by the Kentucky Labor Cabinet and the U.S. Department of Labor, Bureau of Labor Statistics.

This publication will present the data collected for the years 2006 and 2007 concurrently. The data was collected using a mandatory survey form mailed to 4,100 employers in the year 2006 and to about 4,200 employers in the year 2007. Surveys were mailed to a sampling of Kentucky employers in private industries as well as state and local government agencies. Excluded from this collection were self-employed individuals, farm employers with fewer than eleven employees, and federal government agencies. The data on mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor and included in this publication. Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation and are also included here.

Throughout this publication, reference will be made to the incidence rate of occupational injuries and illnesses for the five categories listed below. Unless otherwise noted, the incidence rate represents the number of injuries and/or illnesses per 100 full-time equivalent workers. The BLS Survey collected data on nonfatal cases. Fatality data is collected by the Census of Fatal Occupational Injuries Program (CFOI). The results from the CFOI program are listed in the back of this publication.

The categories by case type listed in this publication are:

- <u>Total recordable cases</u> the sum of rates for cases with days away from work, job transfer, or restriction and other recordable cases
- Cases with days away from work, job transfer, or restriction (also called DART)
 - o <u>Total</u> the sum of rates for cases with days away from work and cases with job transfer or restriction
 - <u>Cases with days away from work</u> include those cases that result in days away from work with or without job transfer or restriction
 - <u>Cases with job transfer or restriction</u> cases which result only in a job transfer or restricted activity days
- Other recordable cases the rate of cases listed as other recordable cases. This
 category includes cases where the employee was able to return to work following
 medical treatment by a professional and any case involving cancer, chronic
 irreversible disease, fractured or cracked bone, or a punctured eardrum. Cases
 involving only first aid treatment or visits to a doctor or health care professional
 for observation or counseling are not recorded on the OSHA Recordkeeping Log.

SURVEY HIGHLIGHTS

- For every 100 full-time workers in the private sector, 5.3 received an injury or illness in the year 2007. This is identical to the rate for the previous year.
- For every 100 full-time workers in the state and local government sector, 5.8 received an injury or illness in the year 2007. This is an increase compared to the rate of 5.7 recorded in the year 2006.
- As shown on page 11, the total case rate has declined by 17% in the past 5 years.
 Any comparison to previous years' data is discouraged due to changes in the recordkeeping regulations which began in 2002 and changes in industry classification from the Standard Industrial Classification (SIC) system to the North American Industry Classification System (NAICS) implemented in 2003.
- For the calendar year 2007, the number of people employed in Kentucky was approximately 1,760,600 according to the count provided by the BLS-State Quarterly Census of Employment and Wages. This is an increase of 1% compared to the same count of employees recorded in the year 2006.
- The number of injuries and illness cases recorded for the calendar year of 2007 increased. The count recorded by the 2006 BLS Survey was 75,700 compared to the count of 77,300 recorded by the 2007 BLS Survey. This is an increase of 2%.
- Local government operations represent city government, county government, police, fire, and board of education employees. The rates for this group decreased slightly from the year 2006 to 2007. The total case rate changed from 6.3 to 6.2 for total cases. The rate for cases with days away from work, job transfer, or restriction had a similar change from 2.5 to 2.4. The rate for other recordable cases remained the same.
- State government represents state owned hospitals, colleges, prisons, state police, state parks, and other state government operations. For this group the other recordable case rate increased by 17 % from 2.9 to 3.4 causing an increase in the total case rate. The total case rate went from 4.7 to 5.0, an increase of 6%. The rate for cases with days away from work, job transfer, or restriction decreased from 1.8 to 1.6.
- Illnesses are cases involving skin diseases or disorders, respiratory conditions, poisoning, hearing loss, or other cases such as heat stroke, welding flash, bloodborne pathogenic diseases and other abnormal conditions resulting from an exposure in the work environment. In the year 2006 there were 4062 recorded. In the year 2007 this number increased to 4,609.

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

2007							
NAICS	DESCRIPTION	RATE					
622	Hospitals (State Government)	18.7					
623	Nursing & residential care facilities (State Government)	15.2					
3315	Foundries	13.4					
623	Nursing & residential care facilities (Private Sector)	12.6					
33633	Motor vehicle steering & suspension components (except spring)	12.6					
3321	Forging & stamping	12.1					
3211	Sawmills	10.9					
3326	Spring & wire product	10.8					
3323	Architectural & structural metals	10.7					
33637	Motor vehicle metal stamping	10.1					

	2006						
NAICS	DESCRIPTION	RATE					
622	Hospitals (State Government)	27.1					
3328	Coating, engraving, heat treating, & allied activities	18.0					
3321	Forging & stamping	14.0					
3372	Office furniture (including fixtures)	13.7					
32192	Wood container & pallet	13.0					
3323	Architectural & structural metals	13.0					
33392	Material handling equipment	12.9					
3362	Motor vehicle body & trailer	12.9					
623	Nursing & residential care facilities (Private Sector)	12.3					
623	Nursing & residential care facilities (State Government)	12.3					
3315	Foundries	11.5					

As these tables indicate, there have been significant reductions in the incidence rate in the year 2007 for most of the industries identified in the year 2006 as having high total case rates. The exception to this would be in foundries and in the nursing and residential care facilities group. Although hospitals in State Government have the highest rate, it shows a decline of 30% from the rate shown in 2006.

ANALYSIS BY INDUSTRY SECTOR

Natural Resources and Mining

For the agriculture, forestry, fishing and hunting division, the total case rate increased from 7.1 in the year 2006 to a rate of 8.8 in the year 2007. Injuries increased from 500 to 600 in this group. Although employment increased by 4% this was not enough to off set the rise in injuries leading to an increase in the total case incidence rate. There are approximately 6,400 people employed in this division.

The data for mine operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. These data do not reflect the changes OSHA made to its recordkeeping requirements therefore estimates for these industries are not comparable with estimates for other industries. The data for oil and gas extraction are collected through the survey and are included in the mining division total. The total case rate for this group decreased from 4.8 to 4.6 from the years 2006 to 2007. There were 100 fewer cases reported for this group in 2007 and 200 fewer people employed. There are approximately 22,100 people employed in mining.

Construction

The construction division rates have fluctuated over the past 5 years. In order to take into account the variation, I have included a table for this time period with the averages for each group shown in parenthesis. The most hazardous activity would be for roofing contractors with an average incidence rate of 8.5. The safest construction activity would be the residential building construction contractors with an average incidence rate of 3.6. The utility system construction group and the drywall and insulation contractors have shown steadily decreasing rates during this period. There are approximately 84,900 people employed in the construction division.

The following table is a comparison of incidence rates:

	2003	2004	2005	2006	2007
Construction Division Total	6.3	6.9	7.5	4.6	5.0
Residential building construction (3.6)	4.9	3.5	4.3	3.9	1.6
Nonresidential building construction (6.0)	5.0	9.7	6.5	3.9	4.9
Utility system construction (6.0)	8.7	7.5	7.0	3.1	3.5
Highway, street, and bridge construction (7.8)	5.3	10.4	7.3	9.2	6.6
Poured concrete foundation and structure (4.9)	n/a	n/a	n/a	6.2	3.5
Structural steel and precast concrete (6.7)	n/a	n/a	4.2	9.7	6.1
Masonry contractors (4.7)	4.8	5.9	5.8	1.5	5.4
Roofing contractors (8.5)	12.2	10.1	5.2	5.1	9.7
Electrical contractors (4.8)	3.9	4.1	8.6	4.5	3.0
Plumbing, heating, and air-conditioning contr. (7.7)	n/a	6.8	11.4	5.3	7.2
Drywall and insulation contractors (6.5)	8.2	9.9	6.1	4.2	4.1
Other specialty trade contractors (6.0)	5.8	6.8	8.1	2.0	7.1

Manufacturing

The chart on the following page contains a comparison of the years 2006 and 2007 and is arranged by decreasing incidence rate for the year 2007. In 2007 the highest rate for this sector is for manufacturing of transportation equipment. For the year 2006 the highest rate was for the manufacture of fabricated metal. The rate for the majority of industries declined in this 2 year period. The most notable declines were recorded for fabricated metal, plastic & rubber, textile product mills, and apparel. The manufacturing division rate decreased from 7.9 in the year 2006 to 7.1 in 2007. There are approximately 258,900 people employed in the manufacturing division.

Trade, Transportation, and Utilities

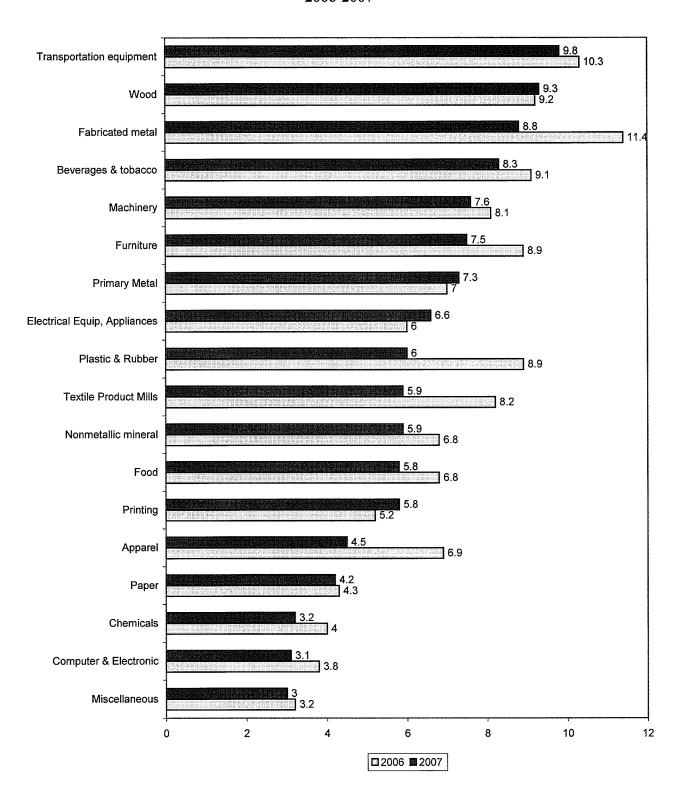
The wholesale trade division is broken into the durable goods, non durable goods and electronic markets and agents and brokers. The incidence rate for durable goods increased from 5.6 to 6.0. The increase in the number of people employed from 37,700 to 38,500 was off set by an increase in the number of cases. The incidence rate of the nondurable goods group decreased from 7.9 to 7.0. There was an increase in the number of employees from 30,600 to 31,000 with a decrease in the count of cases. There are about 7,000 employees in the electronic markets and agents and brokers group but the number of cases reported is too low to publish. The difference in employment and cases resulted in a decrease in the incidence rate of 6 % as it went from 6.1 to 5.7.

For the retail trade division, the highest incidence rate reported in this division belongs to the category general merchandise stores. The lowest rate belongs to sporting goods, hobby, book and music stores. This is the same for the year 2006 and 2007. Food and beverage stores rate increased from 5.2 to 6.0. Motor vehicle and parts dealers went from 2.6 to 3.7. Electronics and appliance stores increased from 2.1 to 3.4. General merchandise stores increased from 6.9 to 7.5. The most significant decrease reported is in the category of nonstore retailers as it decreased from 6.4 to 3.2. The overall rate for retail trade increased to 4.9 from the rate of 4.8 listed for the year 2006. There are approximately 213,900 people employed in this division.

In the transportation and warehousing division, the group with the highest incidence rate in the year 2006 was for air transportation. This total recordable case rate was 9.1. In the year 2007 the highest rate belonged to warehousing and storage with a rate of 8.1. Rail transportation data as supplied to BLS from the Federal Railroad Administration, U.S. Department of Transportation showed a decline from 2.1 to 1.8. Increases in the rates were recorded in both the truck transportation and the transit and ground passenger transportation groups. The rates for the truck group increased by 3% while the transit group rates increased by 40%. The rate for this division increased slightly from 6.5 in the year 2006 to 6.6 in the year 2007. There are approximately 83,300 people employed in this division.

Electric power generation and distribution, natural gas distribution, and water, sewage and other systems are included in the utilities division. Since this sector refers to the

INJURY AND ILLNESS TOTAL CASE RATE BY MANUFACTURING ACTIVITY 2006-2007



private sector data, most utility information will be included in the government section. Utilities in the private sector reported an incidence rate of only 3.5 in the year 2007 as compared to the rate of 5.7 reported in the year 2006. The reported cases decreased from 400 to 200. There are about 6,500 people working in this division.

Information

The increase of 200 cases and a decrease of 100 in employment from the year 2006 to 2007 caused an increase in the total case rate from 2.1 to 2.6. The publishing industry including newspapers, periodicals, books and directories had a decrease in incidence rates from 3.4 to 2.1. The telecommunication and internet service providers reported increases. There are approximately 29,400 people employed in this division.

Financial Activities

This division includes both the finance and insurance division and the real estate and rental and leasing division. For this sector the incidence rate and the number of employees increased. The rate went from 1.0 to 1.4 and the employment increased from 89,200 to 93,400. The insurance carrier component had fewer cases and an increase in employees. Real estate and rental and leasing services had a large increase in the number of cases from 500 in 2006 to 900 cases in the year 2007 for a rate change from 3.0 to 4.9.

Professional and Business Services

Several groups are combined within this division. The overall rate increased from 1.7 to 2.0. Professional, scientific, and technical services with an employment of 64,600 had a rate decrease from 1.5 in the year 2006 to 1.1 for the year 2007. Management of companies and enterprises posted a rate of 2.3 for the year 2007 which is more than double the rate of .9 which they posted in the year 2006. Administrative and support services recorded an additional 200 cases during this time period for change in rate from 2.2 to 2.9. The waste management and remediation services group recorded an additional 100 cases and a decrease in employment leading to a change in the rate from 3.7 to 5.5. There are approximately 183,200 people employed in this division.

Education and Health Services

Education services in the private sector would include colleges, trade schools and other educational institutions that are not operated by the government. For this group, the incidence rate increased from 2.3 to 3.1 comparing the data for 2006 and 2007. There was a 50% increase in cases recorded but only a 5% increase in employees leading to an increase in the rate. There are about 15,200 people employed in this sector.

Health care and social assistance includes hospitals, nursing homes and social assistance agencies. With a total case incidence rate of 12.5 nursing and residential care facilities continue to rank among the top 10 hazardous industries in the state. In comparing the data for 2006 and 2007, there is a slight increase in employment and case count for an

increase of 2% in the rate. Hospitals have shown a slight decrease in incidence rate from 2006 to 2007. A decline of 3% in the number of cases affected the total case rate decreasing the rate from 8.7 to 8.5. Ambulatory health care services showed the greatest decline in rates from 3.3 to 2.5. An employment increase of 3% plus a decrease of 10% in the count of cases caused this decline. Overall in the healthcare & social assistance group the rate declined from 6.9 to 6.6. There are about 206,800 people employed in this sector.

Leisure and Hospitality

The total case rate for the arts, entertainment, and recreation nearly doubled from the year 2006 (3.5) to 2007 (6.0). The majority of this was caused by a 300% increase in the count of cases recorded in the performing arts and spectator sports group. The rate for this group went from 2.7 to 9.2. The amusement, gambling and recreation industries rate increased slightly from 3.7 to 3.9. There are about 19,200 people employed in this group.

The accommodation and food services sector increased in employment and rate. The accommodation section representing hotels, motels, RV parks, and rooming and boarding houses had a rate decrease from 5.3 in the year 2006 to 3.4 in 2007. The number of cases reported decreased by about 33% with a small increase of 1% in employment affecting the change in rate. The rate for food services and drinking places increased from 4.7 to 5.5 for this time period. Employment for this group increased about 3% but the count of cases increased by 18%. Since more people are employed in this group this increase had a greater effect on the sector rate causing an increase from 4.8 to 5.3. There are about 153,300 people employed in this group.

Other services

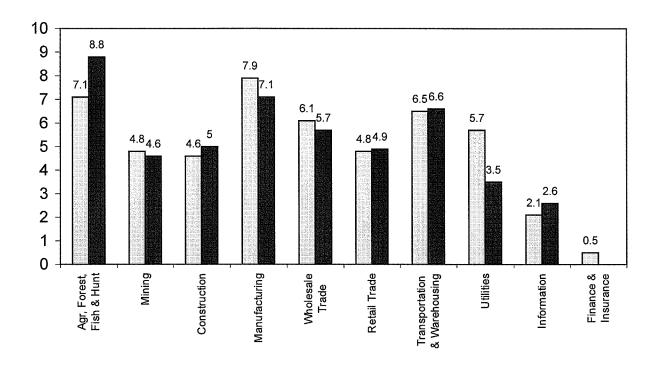
This group includes data for repair services, personal and laundry services and religious and civic organizations. The data for repair and maintenance had a rate increase of 50% due mainly to a corresponding increase in the number of cases reported. The personal and laundry services rates increased by 100% going from 1.7 to 3.4. The rate for religious, grantmaking, civic, professional, and similar organizations also increased. This rate went up by 24%. The total rate for the other services group increased from 2.1 in the year 2006 to 3.4 in 2007. There are about 46,400 people employed in this group.

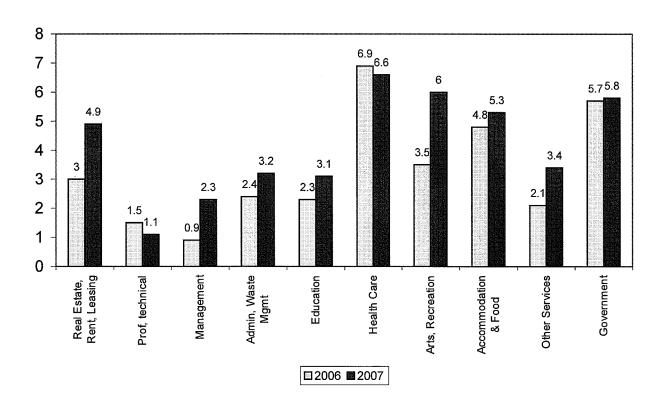
State and Local Government

Hospitals in the state government sector have the highest incidence rate of any industry in Kentucky. The other recordable case rate is a problem. The second highest rate belongs to the nursing and residential care facilities run by the state. Lost workday cases are high for this group. The rate for state government increased from 4.7 in 2006 to 5.0 in 2007.

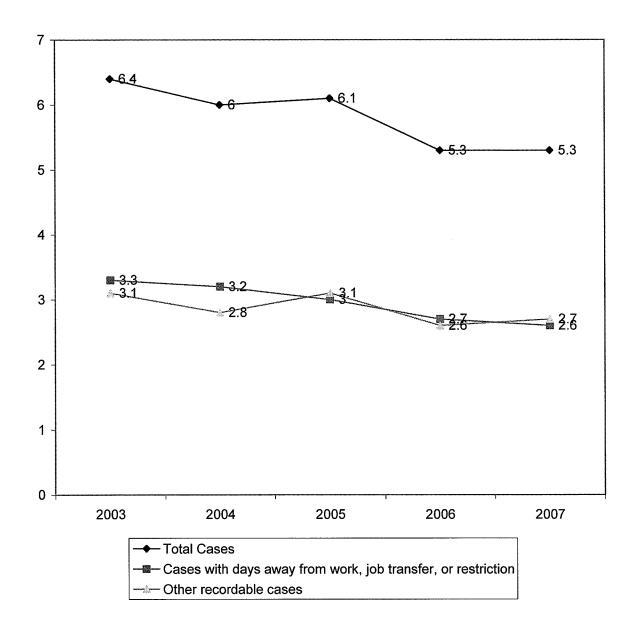
Within local government, public administration rates went from 8.2 to 5.1, a decrease of 37%. The other categories showed increases; educational services went from 5.3 to 7.2, utilities went from 5.8 to 6.0, and health care and social assistance from 5.2 to 5.3. There are 260,200 people working for state and local government operations.

INJURY AND ILLNESS TOTAL CASE RATE BY INDUSTRY 2006 - 2007





INJURY AND ILLNESS RATES BY CASE TYPE 2003 - 2007

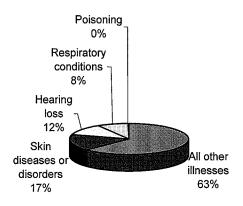


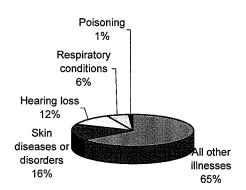
The total case rate has shown a steady decline over the past 5 year period. The rate for cases with days away from work, job transfer, or restriction has mirrored this decline. The increases in the rates occurred twice - in the years 2005 and 2007 with the other recordable case rate.

Beginning with the 2003 reference year, the Survey of Occupational Injuries and Illnesses began using the 2002 North American Industry Classification System (NAICS). Prior to 2003, the survey used the Standard Industrial Classification (SIC) system. The substantial differences between these systems result in breaks in the series for industry data.

OCCUPATIONAL ILLNESSES







The data contained in this publication is a compilation of injuries and illnesses as reported on employer's OSHA Form 300 "Log of Work-Related Injuries and Illnesses". Recordkeeping regulation 1904.46 states 'An injury or illness is an abnormal condition or disorder. Injuries include cases such as, but not limited to, a cut, fracture, sprain, or amputation. Illnesses include both acute and chronic illnesses, such as, but not limited to, a skin disease, respiratory disorder, or poisoning.'

Employers are to use their best judgement in deciding to report a case as either an injury or an illness.

The illnesses reported on the survey were in the following categories:

	2006		2007	
Category of Illness	Number of cases	Percent	Number of cases	Percent
Skin diseases or disorders	688	17%	758	16%
Respiratory conditions	333	8%	279	6%
Poisoning	16	0%	46	1%
Hearing loss	482	12%	544	12%
All other illnesses	2,542	63%	2,982	65%

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 11 employees and the federal government. Questionnaires were mailed to 4,100 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 2002 North American Industry Classification System (NAICS) Manual published by the Office of Management and Budget. The injury and illness data for all units in each industry-employment size group were expanded by the inverse of the sampling ratio and benchmarked to the appropriate employment level in each industry to obtain the estimates. A benchmark factor was derived for each estimating cell by dividing the universe employment by the weighted employment derived from the sample. This factor serves to adjust for births and deaths in the universe within each industry-employment-size cell.

Instructions for computing an incidence rate

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

Count of cases X 200,000 Hours worked

REFERENCE TABLES

Summary Data

The BLS Survey of Occupational Injuries and Illnesses collected data recorded on OSHA's form 300, Log of Work-Related Injuries and Illnesses from employers in the sample. For calendar year 2006 the number of cases reported on the Log is shown as an incidence rate on Table 1 and as a count of cases on Table 2. For calendar year 2007 the incidence rate is shown on Table 3 and the count of cases is shown on Table 4.

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

Several of the available tables are contained in this book. Additional tables are available on request or through the website www.bls.gov/iif

Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006

		2006						
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases	
All industries including State and local government ⁶		1,729.0	5.3	2.7	1.5	1.2	2.6	
Private industry ⁶		1,471.9	5.2	2.8	1.5	1.3	2.4	
Goods producing ⁶		374.0	7.0	3.9	1.9	2.0	3.1	
Natural resources and mining ^{6,7}		28.4	5.3	3.3	2.6	0.7	2.0	
Agriculture, forestry, fishing and hunting ⁶	11	6.1	7.1	3.8	2.6	1.2	3.4	
Support activities for agriculture and forestry	115	3.2	7.0	4.2	3.3	1.0	2.7	
Mining ⁷	21	22.3	4.8	3.2	2.7	0.5	1.6	
Mining (except oil and gas) ⁸	212 2121 2123	19.0 16.4 2.5	5.4 5.9 2.4	3.6 3.9 1.2	3.1 3.4 0.9	0.5 0.5 (¹⁰)	1.9 2.0 1.1	
Construction		83.6	4.6	2.5	1.9	0.6	2.1	
Construction	23	83.6	4.6	2.5	1.9	0.6	2.1	
Construction of buildings Residential building construction Nonresidential building construction Heavy and civil engineering construction Utility system construction Highway, street, and bridge construction Specialty trade contractors Foundation, structure, and building exterior contractors Poured concrete foundation and structure contractors Structural steel and precast concrete contractors	236 2361 2362 237 2371 2373 238 2381 23811 23812	18.9 8.3 10.6 13.2 6.2 5.3 51.6 11.3 2.6 1.5	3.9 3.9 6.5 3.1 9.2 4.4 6.8 6.2 9.7	2.1 2.1 3.1 2.0 3.7 2.6 3.5 3.1 5.4	1.7 1.6 2.7 1.8 2.9 1.8 1.8 4.1	0.4 (10) 0.6 0.4 0.7 0.7 1.7 1.3	1.8 1.9 1.7 3.5 1.1 5.5 1.9 3.3 3.1 4.3	
Masonry contractors	23814	2.9	1.5	(¹⁰)	(¹⁰)		(¹⁰)	

Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006	Cases with days away from work, job transfer, or restriction				
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	from work ⁵ transfer o		Other recordable cases
Roofing contractors	23816	2.1	5.1	3.2	1.8	1.4	1.9
Building equipment contractors	2382	24.8	4.9	2.8	2.3	0.5	2.1
Electrical contractors	23821	9.8	4.5	2.4	2.2		2.0
Plumbing, heating, and air-conditioning contractors	23822	12.9	5.3	3.2	2.6	0.6	2.1
Building finishing contractors	2383	8.6	2.3	1.5	0.7	0.7	0.9
Drywall and insulation contractors	23831	3.4	4.2	2.0	1.2	0.8	2.2
Other specialty trade contractors	2389	6.9	2.0	1.7	1.4	· 0.3	0.3
Manufacturing		262.0	7.9	4.3	1.7	2.6	3.5
Manufacturing	31-33	262.0	7.9	4.3	1.7	2.6	3.5
Food manufacturing	311	23.5	6.8	4.9	1.4	3.5	1.9
Fruit and vegetable preserving and specialty food manufacturing	3114	3.1	6.3	4.8	0.6	4.2	1.4
Animal slaughtering and processing	3116	8.9	6.0	4.1	1.1	3.0	1.9
Bakeries and tortilla manufacturing	3118	4.7	6.9	5.5	1.1	4.3	1.4
Beverage and tobacco product manufacturing	312	5.8	9.1	4.9	2.5	2.4	4.2
Beverage manufacturing	3121	4.7	9.8	5.3	2.7	2.6	4.5
Distilleries	31214	3.1	6.9	3.4	1.3	2.2	3.4
Tobacco manufacturing	3122	1.0	5.8	2.8	(10)	(10)	2.9 2.9
Textile product mills	314	2.2 5.5	8.2 6.9	5.4 2.7	2.1 1.1	3.3 1.6	4.2
Apparel manufacturing	315 3152	4.5	7.8	3.0	1.3	1.7	4.8
Cut and sew apparel manufacturing	31522	3.9	8.5	3.3	1.4	1.9	5,2
Wood product manufacturing	321	13.5	9.2	5.2	3.1	2.0	4.0
Sawmills and wood preservation	3211	3.3	9.7	5.5	5.2		4.2
Other wood product manufacturing	3219	8.5	9.1	5.3	2.5	2.8	3.7
Millwork	32191	5.2	7.1	3.5	1.6	1.9	3.7
Wood container and pallet manufacturing	32192	2.4	13.0	9.1	4.1	5.1	3.8
Paper manufacturing	322	10.2	4.3	2.4	1.1	1.3	1.9
Converted paper product manufacturing	3222	8.6	4.6	2.6	1.1	1.4	2.0
Paperboard container manufacturing	32221	3.3	3.2	1.9	0.8	1.0	1.3
Paper bag and coated and treated paper manufacturing	32222	3.5	5.2	3.2	1.3	1.8	2.0
Printing and related support activities	323	12.7	5.2	3.3	1.3	2.0	1.9
Printing and related support activities	3231	12.7	5.2	3.3	1.3	2.0	1.9
Printing	32311	12.3	5.3	3.4	1.4	2.1	1.9
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Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006	Cases with days away from work, job transfer, or restriction				
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Commercial lithographic printing	323110	6.5	6.1	4.4	1.8	2.6	1.7
Chemical manufacturing	325	13.6	4.0	2.0	0.9	1.2	1.9
Basic chemical manufacturing	3251	3.5	4.0	2.0	1.3	0.7	2.0
Resin, synthetic rubber, and artificial and synthetic fibers and filaments							
manufacturing	3252	3.2	5.2	3.1	1.0	2.1	2.1
Plastics and rubber products manufacturing	326	18.1	8.9	4.6	1.8	2.8	4.3
Plastics product manufacturing	3261	14.8	9.2	4.5	1.9	2.7	4.7
Rubber product manufacturing	3262	3.3	7.3	4.8	1.6	3.2	2.5
Nonmetallic mineral product manufacturing	327	9.3	6.8	3.9	2.4	1.5	2.9
Glass and glass product manufacturing	3272	3.2	6.3	3.0	2.2	0.8	3.2
Cement and concrete product manufacturing	3273	3.5	7.1	5.3	2.9	2.4	1.8
Primary metal manufacturing	331	14.0	7.0	3.7	2.0	1.7	3.2
Iron and steel mills and ferroalloy manufacturing	3311	1.4	2.0	1.1	(¹º)	(¹º)	(10)
Steel product manufacturing from purchased steel	3312	2.2	7.4	4.0	2.5	1.6	3.4
Alumina and aluminum production and processing	3313	4.8	3.7	2.2	0.9	1.4	1.4
Nonferrous metal (except aluminum) production and processing	3314	2.4	10.1	6.0	4.0	1.9	4.1
Foundries	3315	3.2	11.5	5.3	2.8	2.5	6.2
Fabricated metal product manufacturing	332	21.4	11.4	5.5	2.5	3.0	5.9
Forging and stamping	3321	2.8	14.0	7.2	2.7	4.5	6.8
Architectural and structural metals manufacturing	3323	4.6	13.0	6.5	3.4	3.1	6.5
Spring and wire product manufacturing	3326	1.9	7.8	4.2	1.4	2.8	3.5
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.7	6.5	1.5	1.1	(10)	5.0
Coating, engraving, heat treating, and allied activities	3328	3.5	18.0	10.5	3.7	6.8	7.5
Machinery manufacturing	333	21.2	8.1	3.9	1.7	2.2	4.2
Ventilation, heating, air-conditioning, and commercial refrigeration				• •			
equipment manufacturing	3334	4.2	7.0	2.9	0.9	2.0	4.1
Metalworking machinery manufacturing	3335	3.1	8.2	3.4	1.5	2.0	4.8
Other general purpose machinery manufacturing	3339	7.1	9.2	4.6	2.2	2.4	4.6
Material handling equipment manufacturing	33392	3.2	12.9	6.5	3.8	2.8	6.4
Computer and electronic product manufacturing	334	7.8	3.8	2.3	1.4	1.0	1.4
Electrical equipment, appliance, and component manufacturing	335	9.7	6.0	3.4	1.7	1.7	2.5
Household appliance manufacturing	3352		5.0	2.0	0.7 3.1	1.3 2.1	3.0 2.4
Electrical equipment manufacturing	3353	3.2	7.6	5.2 5.8	3.1 1.6	4.2	2. 4 4.5
Transportation equipment manufacturing	336	57.8	10.3 (10)	5.8 (10)	(10)	(10)	(10)
Heavy duty truck manufacturing	33612	2.7	i ' '	5.9	3.0	2.9	7.0
Motor vehicle body and trailer manufacturing	3362	2.1	12.9	5.8	3.0	4.8	l '.º
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Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			h days away fror ansfer, or restrict		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Motor vehicle electrical and electronic equipment manufacturing	33632	2.9	4.9	2.4	1.1	1.3	2.5
Motor vehicle steering and suspension components (except spring) manufacturing	33633	2.5	11.3	7.5	1.5	6,1	3.8
Motor vehicle brake system manufacturing	33634	3,8	8.7	6.0	1.3	4.7	2.6
Motor vehicle seating and interior trim manufacturing	33636	5.8	6.9	4.7	1.1	3.5	2.2
Motor vehicle metal stamping	33637	5.3	10.4	6.6	1.6	5.0	3.7
Furniture and related product manufacturing	337	6,5	8.9	4.5	2.0	2.6	4.4
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.4	4.3	2.1	1.2	0.9	2.2
Office furniture (including fixtures) manufacturing	3372	2.4	13.7	6.9	3.0	3.9	6.9
Miscellaneous manufacturing	339	6.3	3.2	1.3	0.5	0.8	1.9
Service providing		1,097.9	4.5	2.3	1.3	1.0	2.2
Trade, transportation, and utilities ⁹		374.6	5.5	3.2	1.6	1.6	2.3
Wholesale trade	42	75.4	6.1	3.8	2.0	1.8	2.3
Merchant wholesalers, durable goods	423	37.7	5.6	3.1	1.7	1.4	2.5
Merchant wholesalers, nondurable goods	424	30.6	7.9	5.4	2.7	2.8	2.5
Wholesale electronic markets and agents and brokers	425	7.1	(10)	(10)	(10)	(10)	(¹º)
Retail trade	44-45	212.1	4.8	2.6	1.4	1.2	2.2
Motor vehicle and parts dealers	441	25.3	2.6	1.2	1.2	(¹⁰)	1.4
Furniture and home furnishings stores	442	6.6	4.8	2.7	2.1	0.5	2.1
Electronics and appliance stores	443	5.6	2.1	0.7		(¹⁰)	1.4
Building material and garden equipment and supplies dealers	444	18.8	6.4	3.9	2.6	1.3	2.5
Food and beverage stores	445	34.3	5.2	2.8	1.7	1.1	2.4
Health and personal care stores	446	14.1	2.2			(¹º)	1.9
Gasoline stations	447	19.2	4.5	2.1			2.3
Clothing and clothing accessories stores	448	14.4	1.4	0.5	0.5	(¹º)	0.9
Sporting goods, hobby, book, and music stores	451	6.5	1.1	0.5	0.4		0.5
General merchandise stores	452	50.8	6.9	4.4	1.1	3.3	2.5
Department stores	4521	17.4	5.7	3.2	1.6	1.6	2.5
Other general merchandise stores	4529	33.4	7.4	5.0	0.9	4.0	2.5
Warehouse clubs and superstores	45291		7.2	5.8	1.1	4.7	1.4
Nonstore retailers	454	3.6	6.4	3.9	1.6	2.3	2.5
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Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			h days away fron ansfer, or restricti		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Transportation and warehousing ⁹	48-49	80.7	6,5	4.0	1.9	2.1	2.6
Transportation and wateriousing	40 40	00.7	3.5	1.0	1.0	 ,	
Air transportation	481	8.2	9.0	7.4	3.1	4.3	1.6
Rail transportation ⁹	482		2.1	1.7	1.6	(10)	0.4
Truck transportation	484	23.6	5.9	3.6	2.5	1.0 (¹⁰)	2.4
Transit and ground passenger transportation	485 488	2.6 6.4	3.5 4.9	1.3 1.3	1.2 0.8	0.6	2.1 3.6
Warehousing and storage	493	15.8	8.4	5.7	1.2	4.6	2.6
Utilities	22	6.5	5.7	3.0	1.7	1.2	2.8
Utilities	221	6.5	5.7	3.0	1.7	1.2	2.8
Electric power generation, transmission and distribution	2211	5.3	5.7 5.7	2.5	1.6	1.0	3.1
Information		29.5	2.1	1.2	0.9	0.4	0.9
Information	51	29.5	2.1	1.2	0.9	0.4	0.9
Publishing industries (except Internet)	511	6.6	3.4	1.9	1.0	0.9	1.5
Newspaper, periodical, book, and directory publishers	5111	6.1	3.6	2.0	1.0	1.0	1.6
Broadcasting (except Internet)	515	3.3	(¹⁰)	(10)	(¹⁰)	(10)	(10)
Telecommunications	517 518	10.3 7.0	3.0 0.8	2.1 (¹º)	1.7 (10)	0.4	0.9 0.7
	010						
Financial activities		89.2	1.0	0.5		0.1	0.5
Finance and insurance	52	69.3	0.5	0.1	0.1	(10)	0.4
Credit intermediation and related activities	522	38.1		(¹⁰)	(¹⁰)	(¹⁰)	
Insurance carriers and related activities	524	24.5	0.4	0.1	0.1	(10)	0.4
Real estate and rental and leasing	53	19.9	3.0			0.3	0.9
Rental and leasing services	532	8.3	2.9	1.6	1.0	0.6	1.3
Professional and business services		177.2	1.7	1.1	0.9	0.2	0.7
See footnotes at end of table							

Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			n days away fron Insfer, or restricti		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Professional, scientific, and technical services	54	61.4	1.5	0.8	0.8	(¹⁰)	0.7
Troisessional, solenano, and technical services	J-1	01.4	1.0	0.0	0.0	()	0.7
Management of companies and enterprises	55	16.1	0.9	0.3	0.2	0.1	0.6
Administrative and support and waste management and remediation services	56	99.7	2.4	1.7	1.2	0.5	0.7
Administrative and support services	561	95.3	2.2	1.5	1.3	0.3	0.6
Waste management and remediation services	562	4.4	3.7	2.8	1.0	1.8	0.9
Education and health services		217.8	6.6	3.3	1.9	1.5	3.3
Educational services	61	14.5	2.3	0.5	0.4	0.1	1.8
Health care and social assistance	62	203.3	6.9	3.5	2.0	1.6	3.4
Ambulatory health care services	621	69.5	3.3	1.2	0.8	0.4	2.1
Hospitals	622	68.8	8.7	3.9	2.0	1.9	4.8
Nursing and residential care facilities	623	39.2	12.3	7.9	4.3	3.7	4.4
Social assistance	624	25.8	3.0	1.6	1.3	0.4	1.3
Leisure and hospitality		167.2	4.7	1.4	1.2	0.2	3.3
Arts, entertainment, and recreation	71	18.7	3.5	1.3	1.1	0.2	2.2
Performing arts, spectator sports, and related industries	711	5.7	2.7	1.4	1.2	(¹⁰)	1.3
Amusement, gambling, and recreation industries	713	12.0	3.7	1.2	1,0	(10)	2.6
Accommodation and food services	72	148.5	4.8	1.4	1.2	0.2	3.4
Accommodation	721	15.5	5.3	2.7	1.7	1.0	2.6
Food services and drinking places	722	133.0	4.7	1.2	1.1	0.1	3.5
Other services		42.4	2.1	1.0	0.8	0.2	1.2
Other services, except public administration	81	42.4	2.1	1.0	0.8	0.2	1.2
See footnotes at end of table.							

Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			h days away fron ansfer, or restrict		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Repair and maintenance	811 8111	17.4 10.0	2.1 1.7	1.1 1.0	0.9	0.1 	1.1
electronic) repair and maintenance	8113	4.2	4.2	1.3	1.1	(¹º)	2.9
Personal and laundry services	812	14.7	1.7	0.8	0.4	0.4	0.9
Religious, grantmaking, civic, professional, and similar organizations	813	10.4	2.9	1.1	1.0		
State and local government		257.1	5.7	2.2	1.8	0.4	3.5
State government		84.0	4.7	1.8	1.4	0.3	2.9
Service providing		84.0	4.7	1.8	1.4	0.3	2.9
Education and health services		51.4	5.8	1.9	1.4	0.5	3.8
Educational services	61	38.8	3.2	0.9	0.5	0.4	2.2
Health care and social assistance	62	12.7	12.2	4.5	3.5	0.9	7.7
Hospitals	622		27.1	5.1	2.4	2.7	22.0
Nursing and residential care facilities	623		12.3	9.1	8.5	0.6	3.2
Social assistance	624	4.8	1.9	(10)	(10)	(¹º)	1.6
Public administration		29.6	3.1	1.4	1.3	0.1	1.7
Public administration	92	29.6	3.1	1.4	1.3	0.1	1.7
Executive, legislative, and other general government support	921	4.2	2.8	1.0	0.9	(¹⁰)	1.8
Justice, public order, and safety activities	922	10.7	4.1	1.6	1.5	· · ·	2.5
Administration of economic programs	926	7.1	1.8	0.6	0.4		1.2
Local government		173.1	6.3	2.5	2.0	0.4	3.8
Goods producing ⁶		0.1	(¹⁰)	(¹⁰)	(¹⁰)	(¹⁰)	(¹º)
Service providing		173.0	6.3	2.4	2.0	0.4	3.8
See footpates at end of table							

Table 1. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			h days away fron ansfer, or restricti		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Trade, transportation, and utilities ⁹		7.0	5.9	3.2	2.2	1.0	2.7
Utilities	22	4.9	5.8	2.6	1.5	1.1	3.2
Education and health services		116.8	5.3	1.5	1.2	0.3	3.8
Educational services	61	106.1	5.3	1.4	1.2	0.3	3.9
Health care and social assistance	62	10.7	5.2	2.3	1.6	0.6	2.9
Hospitals	622	7.3	7.0	2.8	2.0	0.8	4.1
Public administration		44.3	8.2	4.0	3.5	0.5	4.2
See feetnetes at end of table							

Table 1. Incidence rates1 of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

		2006			n days away fron		
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Public administration	92 921	44.3 33.9	8.2 9.5	4.0 4.8	3.5 4.1	0.5 0.7	4.2 4.6

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).

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

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

² Totals include data for industries not shown separately.

³ North American Industry Classification System 2002 Edition

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

⁵ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁶ Excludes farms with fewer than 11 employees.

Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

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

¹⁰ Data too small to be displayed.

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006

(In thousands	ì
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		2006			h days away fror ansfer, or restrict		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
All industries including State and local government ⁵		1,729.0	75.7	38.6	22.1	16.6	37.1
Private industry ⁵		1,471.9	64.6	34.3	18.5	15.8	30.3
Goods producing ⁵		374.0	25.8	14.3	6.8	7.5	11.5
Natural resources and mining ^{5,6}		28.4	1.8	1.1	0.9	0.2	0.7
Agriculture, forestry, fishing and hunting ⁵	11	6.1	0.5	0.2	0.2	0.1	0.2
Support activities for agriculture and forestry	115	3.2	0.3	0.2	0.1	(⁹)	0.1
Mining ⁶	21	22.3	1.3	0.9	0.7	0.1	0.4
Mining (except oil and gas) ⁷	212 2121 2123	19.0 16.4 2.5	1.3 1.2 0.1	0.8 0.8 (⁹)	0.7 0.7 (⁹)	0.1 0.1 (⁹)	0.4 0.4 (⁹)
Construction		83.6	3.5	1.9	1.4	0.5	1.6
Construction	23	83.6	3.5	1.9	1.4	0.5	1.6
Construction of buildings Residential building construction Nonresidential building construction Heavy and civil engineering construction Utility system construction Highway, street, and bridge construction Specialty trade contractors Foundation, structure, and building exterior contractors Poured concrete foundation and structure contractors Structural steel and precast concrete contractors Masonry contractors	236 2361 2362 237 2371 2373 238 2381 23811 23811 23812 23814	18.9 8.3 10.6 13.2 6.2 5.3 51.6 11.3 2.6 1.5	0.6 0.3 0.3 0.8 0.2 0.5 2.1 0.6 0.1 0.1	0.3 0.2 0.4 0.1 0.2 1.2 0.3 0.1 0.1	0.3 0.1 0.3 0.1 0.1 0.8 0.2 (°)	0.1 (*) 0.1 (*) (*) 0.3 0.2 (*)	0.3 0.1 0.2 0.4 0.1 0.3 0.9 0.3 0.1 0.1

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands)

		2006			h days away fron ansfer, or restrict		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Roofing contractors	23816	2.1	0.1	0.1	(⁹)	(⁹)	(⁹)
Building equipment contractors	2382	24.8	1.1	0.7	0.5	0.1	0.5
Electrical contractors	23821	9.8	0.4	0.2	0.2	V. 1	0.2
Plumbing, heating, and air-conditioning contractors	23822	12.9	0,6	0.4	0.3	0,1	0.3
Building finishing contractors	2383	8.6	0.2	0.1	0.1	0.1	0.1
Drywall and insulation contractors	23831	3.4	0.1	0.1	(⁹)	(⁹)	0.1
Other specialty trade contractors	2389	6.9	0.1	0.1	` 0.1	(°)	(⁹)
Manufacturing		262.0	20.5	11.3	4.5	6.8	9.2
Manufacturing	31-33	262.0	20.5	11.3	4.5	6.8	9.2
Food manufacturing	311	23.5	1.6	1.2	0.3	0.8	0.5
Fruit and vegetable preserving and specialty food manufacturing	3114	3.1	0.2	0.2	(⁹)	0.1	(⁹)
Animal slaughtering and processing	3116	8.9	0.5	0.4	0.1	0.3	0.2
Bakeries and tortilla manufacturing	3118	4.7	0.3	0.2	0.1	0.2	0.1
Beverage and tobacco product manufacturing	312	5.8	0.5	0.3	0.1	0.1	0.2
Beverage manufacturing	3121	4.7	0.5	0.2	0.1	0.1	0.2
Distilleries	31214	3.1	0.2	0.1	(9)	0.1	0.1
Tobacco manufacturing	3122	1.0	0.1	(°)	(⁹)	(⁹)	(⁹)
Textile product mills	314	2.2	0.2	0.1	(⁹)	0.1	0.1
Apparel manufacturing	315	5.5	0.3	0.1	0.1	0.1	0.2
Cut and sew apparel manufacturing	3152	4.5	0.3	0.1	0.1	0.1	0.2
Men's and boys' cut and sew apparel manufacturing	31522	3.9	0.3	0.1	(⁹)	0.1	0.2
Wood product manufacturing	321	13.5	1.2	0.7	0.4	0.3	0.5
Sawmills and wood preservation	3211	3.3	0.3	0.2	0.2		0.1
Other wood product manufacturing	3219	8.5	0.8	0.4	0.2	0.2	0.3
Millwork	32191	5.2	0.4	0.2	0.1	0.1	0.2
Wood container and pallet manufacturing	32192	2.4	0.3	0.2	0.1	0.1	0.1
Paper manufacturing	322	10.2	0.4	0.2	0.1	0.1	0.2
Converted paper product manufacturing	3222	8.6	0.4	0.2	0.1	0.1	0.2
Paperboard container manufacturing	32221	3,3	0.1	0.1	(°)	(⁹)	(⁹)
Paper bag and coated and treated paper manufacturing	32222	3.5	0.2	0.1	(⁹)	0.1	0.1
Printing and related support activities	323	12.7	0.7	0.4	0.2	0.3	0.2
Printing and related support activities	3231 32311	12.7 12.3	0.7 0.6	0.4 0.4	0.2 0.2	0.3 0.3	0.2 0.2
Confederate at and of table	02011	12.0	0.0	0,7	0.2	0.0	V.2

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In tho	usand	S
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		2006			h days away fron ansfer, or restrict		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Commercial lithographic printing	323110	6.5	0.4	0.3	0.1	0.2	0.1
Chemical manufacturing	325	13.6	0.6	0.3	0.1	0.2	0.1
Basic chemical manufacturing	3251	3.5	0.1	0.1	(⁹)	(°)	0.1
Resin, synthetic rubber, and artificial and synthetic fibers and filaments				. 0.1		()	0.1
manufacturing	3252	3.2	0.2	0.1	(⁹)	0.1	0.1
Plastics and rubber products manufacturing	326	18.1	1.6	0.8	0.3	0.5	0.8
Plastics product manufacturing	3261	14.8	1.4	0.7	0.3	0.4	0.7
Rubber product manufacturing	3262	3.3	0.2	0.2	0.1	0.1	0.1
Nonmetallic mineral product manufacturing	327	9.3	0.7	0.4	0.2	0.1	0.3
Glass and glass product manufacturing	3272	3.2	0.2	0.1	0.1	(⁹)	0.1
Cement and concrete product manufacturing	3273	3.5	0.3	0.2	0.1	0.1	0.1
Primary metal manufacturing	331	14.0	1.0	0.5	0.3	0.2	0.5
Iron and steel mills and ferroalloy manufacturing	3311	1.4	(⁹)	(°)	(⁹)	(⁹)	(_a)
Steel product manufacturing from purchased steel	3312	2.2	0.2	0.1	0.1	(9)	0.1
Alumina and aluminum production and processing	3313	4.8	0.2	0.1	(°)	0.1	0.1
Nonferrous metal (except aluminum) production and processing	3314	2.4	0.3	0.1	0.1	(°)	0.1
Foundries	3315	3.2	0.4	0.2	0.1	0.1	0.2
Fabricated metal product manufacturing	332	21.4	2.4	1.2	0.5	0.7	1.3
Forging and stamping	3321	2.8	0.4	0.2	0.1	0.1	0.2
Architectural and structural metals manufacturing	3323	4.6	0.6	0.3	0.2	0.1	0.3
Spring and wire product manufacturing	3326	1.9	0.1	0.1	(°)	0.1	0.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.7	0.2	0.1	(°)	(⁹)	0.2
Coating, engraving, heat treating, and allied activities	3328	3.5	0.6	0.4	0.1	0.2	0.3
Machinery manufacturing	333	21.2	1.7	0.8	0.4	0.5	0.9
Ventilation, heating, air-conditioning, and commercial refrigeration							
equipment manufacturing	3334	4.2	0.3	0.1	(⁹)	0.1	0.2
Metalworking machinery manufacturing	3335	3.1	0.2	0.1	(⁹)	0.1	0.1
Other general purpose machinery manufacturing	3339	7.1	0.7	0.3	0.2	0.2	0.3
Material handling equipment manufacturing	33392	3.2	0.4	0.2	0.1	0.1	0.2
Computer and electronic product manufacturing	334	7.8	0.3	0.2	0.1	0.1	0.1
Electrical equipment, appliance, and component manufacturing	335	9.7	0.5	0.3	0.2	0.2	0.2
Household appliance manufacturing	3352		0.2	0.1	(⁹)	(⁹)	0.1
Electrical equipment manufacturing	3353	3.2	0.2	0.2	0.1	0.1	0.1
Transportation equipment manufacturing	336	57.8	5.9	3.3	0.9	2.4	2.6
Heavy duty truck manufacturing	33612		(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Motor vehicle body and trailer manufacturing	3362	2.7	0.3	0.2	0.1	0.1	0.2
See footnotes at end of table.							

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands

Industry ¹	NAICS code ²	2006 Average annual employment ³	Total recordable cases	Cases with days away from work, job transfer, or restriction			
				Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Motor vehicle electrical and electronic equipment manufacturing	33632	2.9	0.2	0.1	(⁹)	(⁹)	0.1
Motor vehicle steering and suspension components (except spring) manufacturing	33633	2.5	0.2	0.2	(°)	0.2	0.1
Motor vehicle brake system manufacturing	33634	3.8	0.4	0.3	0.1	0.2	0.1
Motor vehicle seating and interior trim manufacturing	33636	5.8	0.4	0.3	0.1	0.2	0.1
Motor vehicle metal stamping	33637	5.3	0.6	0.4	0.1	0.3	0.1
Furniture and related product manufacturing	337	6.5	0.6	0.4	0.1	0.3	0.2
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.4	0.0	0.5	(⁹)	(⁹)	0.3
Office furniture (including fixtures) manufacturing	3372	2.4	0.1	0.1	0.1	0.1	0.1
Miscellaneous manufacturing	339	6.3	0.3	0.1	(°)	(⁹)	0.2
wiscentaneous manufacturing	339	0.3	0.2	0.1	()	()	0.1
Service providing		1,097.9	38.8	20.0	11.7	8.3	18.8
Trade, transportation, and utilities ⁸		374.6	17.7	10.3	5.3	5.0	7.4
Wholesale trade	42	75.4	4.4	2.8	1.4	1.3	1.7
Merchant wholesalers, durable goods	423	37.7	2,1	1,1	0.6	0.5	0.9
Merchant wholesalers, nondurable goods	424	30.6	2.4	1.6	0.8	0.8	0.7
Wholesale electronic markets and agents and brokers	425	7.1	(⁹)	(°)	(°)	(°)	(⁹)
Retail trade	44-45	212.1	8.0	4.4	2.4	2.1	3.6
Motor vehicle and parts dealers	441	25,3	0.6	0.3	0.3	(⁹)	0.3
Furniture and home furnishings stores	442	6.6	0.2	0.1	0.1	(°)	0.1
Electronics and appliance stores	443	5.6	0.1	(°)		(9)	0.1
Building material and garden equipment and supplies dealers	444	18.8	1.2	0.7	0.5	0.2	0.5
Food and beverage stores	445	34.3	1.3	0.7	0.4	0.3	0.6
Health and personal care stores	446	14.1	0,2			(°)	0.2
Gasoline stations	447	19.2	0.7	0,3		. ,	0.4
Clothing and clothing accessories stores	448	14.4	0.1	(°)	(⁹)	(⁹)	0.1
Sporting goods, hobby, book, and music stores	451	6.5	(⁹)	(9)	(9)	\	(°)
General merchandise stores	452	50.8	` ′2.7	1.7	0.4	1.3	1.0
Department stores	4521	17.4	0.7	0.4	0.2	0.2	0.3
Other general merchandise stores	4529	33.4	2.0	1.3	0.2	1.1	0.7
Warehouse clubs and superstores	45291		1.6	1.3	0.2	1.1	0.3
Nonstore retailers	454	3.6	0.2	0.1	(°)	0.1	0.1

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In	tho	usa	nd	٤

		2006	Total recordable cases	Cases wit	Othor		
Industry ¹	NAICS code ²	Average annual employment ³		Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Transportation and warehousing ⁸	48-49	80.7	4.9	2.9	1.4	1,5	1.9
Air transportation	481	8.2	0.6	0.5	0.2	0.3	0.1
Rail transportation ⁸		0.2	0.0	0.5	0.2	(°)	(⁹)
Truck transportation		23.6	1.4	0.8	0.6	0.2	0.6
Transit and ground passenger transportation		2.6	0.1	(°)	(⁹)	(°)	(°)
Support activities for transportation	488	6.4	0.3	0.1	(°)	(9)	0.2
Warehousing and storage	493	15.8	1.2	0.8	0.2	0.6	0.4
Utilities	22	6.5	0.4	0.2	0.1	0.1	0.2
Utilities	221	6.5	0.4	0.2	0.1	0.1	0.2
Electric power generation, transmission and distribution	2211	5.3	0.3	0.1	0.1	0.1	0.2
Information		29.5	0.5	0.3	0.2	0.1	0.2
Information	. 51	29.5	0.5	0.3	0.2	0,1	0.2
Publishing industries (except Internet)		6.6	0.2	0.1	0.1	0.1	0.1
Newspaper, periodical, book, and directory publishers		6.1	0.2	0.1	0.1	0.1	0.1
Broadcasting (except Internet)		3.3	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Telecommunications	517	10.3	0.3	0.2	0.2	(⁹)	0.1
Internet service providers, web search portals, and data processing services	518	7.0	0.1	(°)	(⁹)		(°)
Financial activities		89.2	0.8	0.4		(°)	0.4
Finance and insurance	52	69.3	0.3	(⁹)	(⁹)	(°)	0.3
Credit intermediation and related activities	522	38.1		/ ⁹ \	, 9 _\	(⁹)	
Insurance carriers and related activities	524	24.5	0.1	(⁹)	(⁹)	(₉)	0.1
Real estate and rental and leasing	53	19.9	0.5			(⁹)	0.2
Rental and leasing services	532	8.3	0.2	0.1	0.1	(⁹)	0.1
Professional and business services		177.2	2.0	1.2	1.0	0,2	0.8

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands)

		2006	Total recordable cases		h days away fron ansfer, or restricti		Other recordable cases
Industry ¹	NAICS code ²	Average annual employment ³		Total	Cases with days away from work⁴	Cases with job transfer or restriction	
Professional, scientific, and technical services	54	61.4	0.8	0.5	0.4	. 9 .	0.4
Froiessional, scientific, and technical services	54	61.4	0.6	0.5	0.4	(⁹)	0.4
Management of companies and enterprises	55	16.1	0.2	(⁹)	(⁹)	(⁹)	0.1
Administrative and support and waste management and remediation services \dots	56	99.7	1.0	0.7	0.5	0.2	0.3
Administrative and support services	561	95.3	0.8	0.6	0.5	0.1	0.2
Waste management and remediation services	562	4.4	0.2	0.1	(⁹)	0.1	(⁹)
Education and health services		217.8	11.8	5.9	3.3	2.6	5.9
Educational services	61	14.5	0.2	0.1	(°)	(°)	0.2
Health care and social assistance	62	203.3	11.5	5.8	3.3	2.6	5.7
Ambulatory health care services	621	69.5	1.8	0.6	0.4	0.2	1.1
Hospitals	622	68,8	5.2	2.3	1.2	1.1	2.9
Nursing and residential care facilities	623	39.2	4.0	2.6	1.4	1.2	1.4
Social assistance	624	25.8	0.6	0.3	0.3	0.1	0.3
Leisure and hospitality		167.2	5.3	1.6	1.3	0.2	3.7
Arts, entertainment, and recreation	71	18.7	0.4	0.2	0.1	(^e)	0.3
Performing arts, spectator sports, and related industries	711	5.7	0.1	0.1	0.1	(⁹)	0.1
Amusement, gambling, and recreation industries	713	12.0	0.2	0.1	0.1	(⁹)	0.2
Accommodation and food services	72	148.5	4.9	1.4	1.2	0.2	3.5
Accommodation	721	15.5	0.6	0.3	0.2	0.1	0.3
Food services and drinking places	722	133.0	4.3	1.1	1.0	0.1	3.2
Other services		42.4	0.8	0.3	0.3	0.1	0.4
Other services, except public administration	81	42.4	0.8	0.3	0.3	0.1	0.4
See featurates at and of table							

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands)	Kentuck	(y					
		2006			th days away fron ansfer, or restrict	• •	
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Repair and maintenance	811 8111	17.4 10.0	0.3 0.1	0.2 0.1	0.1	(⁹) 	0.2
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8113 812	4.2 14.7	0.1 0.2	(⁹) 0.1	(⁹)	(⁹)	0.1 0.1
Religious, grantmaking, civic, professional, and similar organizations	813	10.4	0.2	0.1	0.1		
State and local government		257.1	11.1	4.3	3.5	0.8	6.8
State government		84.0	3.1	1.2	0.9	0.2	1.9
Service providing		84.0	3.1	1.2	0.9	0.2	1.9
Education and health services		51.4	2.1	0.7	0.5	0.2	1.4
Educational services	61	38.8	0.8	0.2	0.1	0.1	0.6
Health care and social assistance	62	12.7	1.3	0.5	0.4	0.1	0.8
Hospitals	622 623 624	 4.8	0.8 0.4 0.1	0.1 0.3 (⁹)	0.1 0.3 (⁹)	0.1 (⁹) (⁹)	0.6 0.1 0.1
Public administration		29.6	0.8	0.4	0.4	(°)	0.5
Public administration	92	29.6	0.8	0.4	0.4	(⁹)	0.5
Executive, legislative, and other general government support	921 922 926	4.2 10.7 7.1	0.1 0.4 0.1	(⁹) 0.2 (⁹)	(⁹) 0.2 (⁹)	(⁹) 	0.1 0.3 0.1
Local government		173.1	8.0	3.1	2.6	0.5	4.9
Goods producing ⁵		0.1	(⁹)	(⁹)	(^e)	(⁹)	(⁹)
Service providing		173.0	8.0	3.1	2.6	0.5	4.9
		1			I	1	I

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands)

		2006 Average annual employment ³	Total recordable cases	Cases wit tra	0,1		
Industry ¹	NAICS code ²			Total	Cases with days away from work⁴	Cases with job transfer or restriction	Other recordable cases
Trade, transportation, and utilities ⁸		7.0	0.4	0.2	0.2	0.1	0.2
Utilities	22	4.9	0,3	0.1	0.1	(⁹)	0.1
Education and health services		116.8	4.1	1.2	0.9	0.3	2.9
Educational services	61	106.1	3.6	1.0	0.8	0.2	2.6
Health care and social assistance	62	10.7	0.5	0.2	0.2	0.1	0.3
Hospitals	622	7.3	0.4	0.2	0.1	0.1	0.2
Public administration		44.3	3.3	1.6	1.4	0.2	1.7

Table 2. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2006 -- Continued

(In thousands)

	NAICS code ²	2006 Average annual employment ³	Total recordable cases	Cases wit tra			
Industry ¹				Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Public administration	92	44.3	3.3	1.6	1.4	0.2	1.7
Executive, legislative, and other general government support	921	33.9	2.8	1.5	1.2	0.2	1.4

Totals include data for industries not shown separately.

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

² North American Industry Classification System -- United States, 2002 Edition

³ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

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

⁵ Excludes farms with fewer than 11 employees.

⁶ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁷ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration,

U.S. Department of Transportation.

⁹ Data too small to be displayed.

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007

		2007			n days away fron Insfer, or restricti		Other
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
All industries including State and local government ⁶		1,760.6	5.3	2.6	1.5	1.2	2.7
Private industry ⁶		1,500.4	5.2	2.7	1.4	1.3	2.5
Goods producing ⁶		372.4	6.5	3.5	1.7	1.9	3.0
Natural resources and mining ^{6,7}		28.5	5.4	3.6	2.8	0.8	1,8
Agriculture, forestry, fishing and hunting ⁶	11	6.4	8.8	5.3	3.0	2.3	3.5
Support activities for agriculture and forestry	115	3.4	9.4	6.0	3.2	2.7	3.5
Mining ⁷	21	22.1	4.6	3.2	2.8	0.4	1.4
Mining (except oil and gas) ⁸	212 2121 2123	18.2 15.6 2.5	4.8 5.1 2.4	3.3 3.5 1.5	2.9 3.1 1.1	0.4 0.4 (¹⁰)	1.5 1.6 0.9
Construction		84.9	5.0	2.2	1.6	0.6	2.8
Construction	23	84.9	5.0	2.2	1.6	0.6	2.8
Construction of buildings Residential building construction Nonresidential building construction Heavy and civil engineering construction Utility system construction Highway, street, and bridge construction Specialty trade contractors Foundation, structure, and building exterior contractors Poured concrete foundation and structure contractors Structural steel and precast concrete contractors Masonry contractors	236 2361 2362 237 2371 2373 238 2381 23811 23811 23812	19.5 8.2 11.3 13.4 6.4 5.2 52.1 11.5 2.6 1.6 3.0	3.6 1.6 4.9 4.6 3.5 6.6 5.6 8.0 3.5 6.1 5.4	1.5 0.4 2.2 2.2 1.7 2.9 2.5 2.9 1.6 1.9 4.5	1.2 0.4 1.7 1.5 1.3 2.1 1.8 2.4 1.6 1.7 3.9	0.3 (10) 0.5 0.6 0.4 0.7 0.5 (10) (10)	2.1 1.2 2.7 2.5 1.8 3.7 3.1 5.1 4.2 0.9
See footnotes at end of table.	23014	3.0	5.4	4.3	ა.ყ		0,9

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007	Total recordable cases		h days away fron ansfer, or restrict		Other recordable cases
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)		Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Roofing contractors	23816	2.2	9.7	3.0	1.9	1.1	6.7
Building equipment contractors	2382	24.6	5.1	2.4	1.6	0.8	2.8
Electrical contractors	23821	9.7	3.0	1.7	0.9		1.3
Plumbing, heating, and air-conditioning contractors	23822	12.8	7.2	3.2	2.4	0.8	4.0
Building finishing contractors	2383	8.9	3.1	1.4	1.1	0.3	1.6
Drywall and insulation contractors	23831	3.5	4.1	2.3	1.6	0.7	1.8
Other specialty trade contractors	2389	7.0	7.1	3.6	2.5	1.0	3.5
Manufacturing		258.9	7.1	3.9	1.5	2.4	3.2
Manufacturing	31-33	258.9	7.1	3.9	1.5	2.4	3.2
Food manufacturing	311	23.6	5.8	3.6	1.0	2.5	2.2
Fruit and vegetable preserving and specialty food manufacturing	3114	2.9	4.0	2.6	(10)	2.3	1.3
Animal slaughtering and processing	3116	9.0	5.8	3.8	1.0	2.8	2.0
Bakeries and tortilla manufacturing	3118	4.7	5.7	3.6	0.9	2.7	2.1
Beverage and tobacco product manufacturing	312	5.7	8.3	5.1	1.9	3.2	3.2
Beverage manufacturing	3121	4.7	8.7	5.4	1.9	3.6	3.2
Distilleries	31214	3.1	5.7	3.2	1.0	2.2	2.5
Tobacco manufacturing	3122	1.0	6.3	3.3	2.3	(10)	2.9
Textile product mills	314	2.2	5.9	4.1	2.3	1.7	1.9
Apparel manufacturing	315	4.7	4.5	2.4	1.1	1.3	2.1
Cut and sew apparel manufacturing	3152	3.8	5.6	2.9	1.5	1.5	2.7
Men's and boys' cut and sew apparel manufacturing	31522	3.4	5.9	3.1	1.6	1.5	2.8
Wood product manufacturing	321	13.1	9.3	4.6	2.8	1.8	4.7
Sawmills and wood preservation	3211	3.2	10.9	4.4	3.6	0.8	6.5
Other wood product manufacturing	3219	8.4	8.4	4.5	2.4	2.1	3.9
Millwork	32191 32192	5.0 2.4	8.3 9.2	4.1 5.3	2.1 2.7	2.0 2.6	4.2 3.9
	32192 322	10.4	9.2 4.2	5.3 2.5	2.7 1.0	2.6 1.5	3.9 1.7
Paper manufacturing	322 3222	8.8	4.∠ 4.6	2.5 2.8	1.0	1.7	1.7
Converted paper product manufacturing	3222 32221	3.4	4.6 5.0	2.8	1.1	1.7	1.8 2.4
Paper bag and coated and treated paper manufacturing	32221	3.6	3.0 3.9	2.9	1.3 0.7	2.1	2. 4 1.0
Printing and related support activities	32222	13.0	5.9 5.8	3.8	1.0	2.1	1.0 2.1
Printing and related support activities	323	13.0	5.8	3.8	1.0	2.6 2.8	2.1
Printing and related support activities	32311	12.5	6.0	3.9	1.0	2.9	2.1
Can feetentee at and of table	···						

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

	NAICS code ³	2007 Average annual employment ⁴ (000's)	Total recordable cases	Cases wit			
Industry ²				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Commercial lithographic printing	323110	6.6	6.7	4.2	1.1	3.1	2.5
Chemical manufacturing	325	13.5	3.2	1.5	0.7	0.8	1.7
Basic chemical manufacturing	3251	3.4	3.6	2.0	0.9	1.0	1.6
Resin, synthetic rubber, and artificial and synthetic fibers and filaments						•	
manufacturing	3252	3.2	3.8	1.7	0.8	1.0	2.1
Plastics and rubber products manufacturing	326	18.0	6.0	3.3	1.7	1.5	2.7
Plastics product manufacturing	3261	14.6	5.8	2.9	1.5	1.4	2.9
Rubber product manufacturing	3262	3.4	6.9	4.7	2.6	2.1	2.2
Nonmetallic mineral product manufacturing	327	8.9	5.9	3.5	1.9	1.6	2.3
Glass and glass product manufacturing	3272	2.8	4.1	2.2	(¹⁰)	1.8	1.9
Cement and concrete product manufacturing	3273	3.4	5.7	3.2	3.1		2.4
Primary metal manufacturing	331	13.8	7.3	3.7	1.9	1.8	3.6
Iron and steel mills and ferroalloy manufacturing	3311	1.5	2.0	1.2	(¹⁰)	(¹⁰)	(10)
Steel product manufacturing from purchased steel	3312	2.0	9.6	5.2	3.4	1.8	4.4
Alumina and aluminum production and processing	3313	4.9	4.0	1.7	(10)	1.5	2.2
Nonferrous metal (except aluminum) production and processing	3314	2.3	8.3	4.8	3.3	1.5	3.5
Foundries	3315	3.1	13.4	6.5	3.2	3.4	6.9
Fabricated metal product manufacturing	332	21.6	8.8	4.7	1.8	2.9	4.1
Forging and stamping	3321	2.8	12.1	7.5	2.2	5.3	4.6
Architectural and structural metals manufacturing	3323	4.6	10.7	6.1	2.1	4.0	4.6
Spring and wire product manufacturing	3326	1.9	10.7	6.7	3.5	3.2	4.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.9	6.5	2.1	3.5 1.4	0.7	4.4
Coating, engraving, heat treating, and allied activities	3328	3.5	6.8	4.5	1.4	3.4	2.3
Machinery manufacturing	333	21.3	7.6	3.6	1.7	3.4 1.9	
Ventilation, heating, air-conditioning, and commercial refrigeration	333	21.3	7.0	3.0	1.7	1.9	4.0
equipment manufacturing	3334	4.0	8.3	4.3	1.3	3.0	4.0
Metalworking machinery manufacturing	3335	3.8	6.7	3.9	2.1	1.8	2.8
Other general purpose machinery manufacturing	3339	6.9	7.5	3.2	1.6	1.6	4.4
Material handling equipment manufacturing	33392	3.1	9.6	3.7	2.3	1.5	5.8
Computer and electronic product manufacturing	334	7.6	3.1	1.5	0.7	0.8	1.6
Electrical equipment, appliance, and component manufacturing	335	9.4	6.6	2.8	1.7	1.1	3.7
Household appliance manufacturing	3352		5.3	1.5	0.9	0.6	3.8
Electrical equipment manufacturing	3353	3.1	8.9	4.0	2.3	1.7	4.9
Transportation equipment manufacturing	336	56,6	9.8	5.6	1.4	4.2	4.2
Heavy duty truck manufacturing	33612		3.1	(¹⁰)	(10)	(¹⁰)	(¹⁰)
Motor vehicle parts manufacturing	3363	33.5	8.7	5.4	1.4	\	3.3

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007		Cases with			
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Motor vehicle electrical and electronic equipment manufacturing	33632	2.9	4.6	1.9	0.8	1.2	2.7
Motor vehicle steering and suspension components (except spring) manufacturing	33633	2.5	12.6	9.1	1.6	7.5	3.5
Motor vehicle brake system manufacturing	33634	3.7	8.3	5.4	1.3	4.1	2.9
Motor vehicle seating and interior trim manufacturing	33636	5.5	7.2	5.6	0.9	4.7	1.7
Motor vehicle metal stamping	33637	5,3	10.1	5.7	1.5	4.3	4.4
Furniture and related product manufacturing	337	6,4	7.5	3.9	2.5	1.4	3.6
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.3	5.9	3.4	2.6	0.8	2.6
Office furniture (including fixtures) manufacturing	3372	2.4	9.2	4.0	2.2	1.8	5.2
Miscellaneous manufacturing	339	6.2	3.0	1.6	0.9	0.7	1.4
Service providing		1,128.0	4.7	2.4	1.3	1.1	2.3
Trade, transportation, and utilities ⁹		381.2	5.5	3.3	1.6	1.7	2.2
Wholesale trade	42	77.5	5.7	3.6	1.6	2.0	2.2
Merchant wholesalers, durable goods	423	38.5	6.0	3.2	1.2	2.0	2.8
Merchant wholesalers, nondurable goods	424	31.0	7.0	5.0	2.4	2.6	2.0
Retail trade	44-45	213.9	4.9	2.8	1.4	1.3	2.2
Motor vehicle and parts dealers	441	25.4	3.7	1.6	1.3	0.3	2.1
Furniture and home furnishings stores	442	6.7	4.5	2.6		0.6	1.9
Electronics and appliance stores	443	5.7	3.4	2.6		1.6	0.7
Building material and garden equipment and supplies dealers	444	19.2	6.2	3.8	1.8	2.0	2.4
Food and beverage stores	445	34.6	6.0	3.8	1.6	2.2	2.1
Gasoline stations	447	18.9	4.6	2.3	1.3	1.0	2.3
Sporting goods, hobby, book, and music stores	451	6.6	1.7	1.5	0.7	0.8	0.3
General merchandise stores	452	50.9	7.5	4.2	1.7	2.5	3.4
Department stores	4521	16.4	6.6	3.9	1.9	2.0	2.7
Other general merchandise stores	4529	34.6	7.9	4.3	1.5	2.7	3.7
Warehouse clubs and superstores	45291		7.9	5.2	1.9	3.3	2.7
Miscellaneous store retailers	453 454	12.5 3.7	3.1 3.2	2.7 1.6	2.6 0.7	(¹⁰) 0.9	0.4 1.6
Transportation and warehousing ⁹	48-49	83.3	6.6	4.2	2.0	2.3	2.4

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007	Total recordable cases		h days away fron ansfer, or restrict		Other recordable cases
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)		Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Rail transportation ⁹	482		1.8	1.6	1.5	(10)	(¹⁰)
Truck transportation	484	24.2	6.1	3.7	2.5	1.2	2.4
Transit and ground passenger transportation	485	2.7	4.9	3.7	3.7	(10)	1.2
Support activities for transportation	488	6.9	5.4	4.3	1.3	·	1.1
Couriers and messengers	492	22.8	8.0	4.3	1.6	2.7	3.6
Warehousing and storage	493	16.7	8.1	5.3	1.2	4.1	2.7
Utilities	22	6.5	3.5	1.5	1.1	0.5	2.0
Utilities	221	6.5	3.5	1.5	1,1	0.5	2.0
Electric power generation, transmission and distribution	2211	5.4	3.5 3.1	1.4	1.0	0.3	1.7
Information		29.4	2.6	1.4	0.9	0.6	1.2
Information	51	29.4	2.6	1.4	0.9	0.6	1.2
Publishing industries (except Internet)	511	7.1	2.1	0.8	0.5	0.4	1.3
Newspaper, periodical, book, and directory publishers	5111	6.7	2.1	0.9	0.5	0.4	1.3
Broadcasting (except Internet)	515	3.3	0.9	(¹⁰)	(¹⁰)	(10)	0.6
Telecommunications	517	10.5	4.4	2.6	1.5	1,1	1.8
Internet service providers, web search portals, and data processing services	518	6.1	1.4	0.7	0.5		0.6
Financial activities	•	93.4	1.4	0.6	0.4	0.2	0.8
Finance and insurance	52						
Credit intermediation and related activities	522	38.7	0.8	0.5			0.3
Insurance carriers and related activities	524	27.1	0.3	(¹⁰)	(¹⁰)	(¹º)	0.3
Real estate and rental and leasing	53	20.4	4.9	1.8	1.2	0.6	3.0
Real estate	531	12.0	4.5	0.8		(¹⁰)	
Rental and leasing services	532	8.2	5.4	3.3	1.9	1.4	2.1
Professional and business services		183.2	2.0	1.1	0.9	0.2	1.0
See footnotes at end of table							

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007			h days away fron ansfer, or restricti	• •	Other recordable cases
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Professional, scientific, and technical services	54	64.6	1.1	0.8	0.6		0.4
Troices forming, and technical services	34	04.0	1.1	0.0	0.0		0.4
Management of companies and enterprises	55	17.4	2.3	1.0	0.6	0.3	1.4
Administrative and support and waste management and remediation services \dots	56	101.2	3.2	1.6	1.3	0.3	1.6
Administrative and support services	561	96.8	2.9	1.3	1.0	0.3	1.5
Waste management and remediation services	562	4.3	5.5	3.5	2.9	0.6	2.0
Education and health services		222.0	6.4	3.1	1.7	1.4	3.3
Educational services	61	15.2	3.1	1.6	1.0		1.6
Health care and social assistance	62	206.8	6.6	3.2	1.8	1.4	3.4
Ambulatory health care services	621	71.6	2.5	0.6	0.4	0.1	1.9
Hospitals	622	69.4	8.5	3.6	1.7	1.9	4.9
Nursing and residential care facilities	623	39.7	12.6	8.1	4.3	3.7	4.5
Social assistance	624	26.2	5.0	2.7	2.0	0.7	2.3
Leisure and hospitality		172.5	5.4	1.7	1.2	0.5	3.7
Arts, entertainment, and recreation	71	19.2	6.0	2.6	2.3	0.2	3.4
Performing arts, spectator sports, and related industries	711	6.0	9.2	3.0	3.0	(¹⁰)	6.3
Amusement, gambling, and recreation industries	713	12.1	3.9	2.5	2.1		1.4
Accommodation and food services	72	153.3	5.3	1.6	1.1	0.5	3.7
Accommodation	721	15.7	3.4	1.7	1.1	0.6	1.7
Food services and drinking places	722	137.6	5.5	1.6	1.1	0.5	3.9
Other services		46.4	3.4	1.4	0.8	0.6	2.0
Other services, except public administration	81	46.4	3.4	1.4	0.8	0.6	2.0
See footnotes at end of table							

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

Average annual employment ⁴ (000's)	Total recordable cases	T-4-1			
		Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
18.0	3.2	1.0	0.8	0.2	2.2
2.7	2.0	0.9	(10)	(¹⁰)	1.1
4.4	5.2	1.9	1.9	(¹º)	3.3
14.8	3.4	2.1	0.9	1.2	1.3
10.6	3.6	1.2	0.7	0.5	2.4
260.2	5.8	2.1	1.7	0.4	3.7
84.9	5.0	1.6	1.2	0.4	3.4
84.9	5.0	1.6	1.2	0.4	3.4
52.3	5.8	1.7	1.1	0.6	4.1
39.1	2.9	0.8	0.4	0.3	2.1
13.3	12.3	3.9	2.7	1.2	8.4
	18.7	3.2	1.4	1.8	15.5
	15.2	10.2	8.2	2.0	5.0
4.5	1.9	0.8	0.8	(10)	1.1
2.3	7.8	4.4	4.1		3.4
29.6	3.5	1.3	1.1	0.2	2.2
29.6	3.5	1.3	1.1	0.2	2.2
4.2	1.5	0.5	(10)		1.0
10.8	3.0	1.1	0.9		1.9
7.0	4.4	3.4	3.1		1.0
175.3	6.2	2.4	2.0	0.4	3.8
0.1	(10)	(¹⁰)	(10)	(¹⁰)	(10)
	4.5 2.3 29.6 29.6 4.2 10.8 7.0	15.2 4.5 1.9 2.3 7.8 29.6 3.5 29.6 3.5 4.2 1.5 10.8 3.0 7.0 4.4 175.3 6.2	15.2 10.2 4.5 1.9 0.8 2.3 7.8 4.4 29.6 3.5 1.3 29.6 3.5 1.3 4.2 1.5 0.5 10.8 3.0 1.1 7.0 4.4 3.4 175.3 6.2 2.4	15.2 10.2 8.2 0.8 2.3 7.8 4.4 4.1 29.6 3.5 1.3 1.1 29.6 3.5 1.3 1.1 4.2 1.5 0.5 (10) 10.8 3.0 1.1 0.9 7.0 4.4 3.4 3.1 175.3 6.2 2.4 2.0	15.2 10.2 8.2 2.0 (10) 2.3 7.8 4.4 4.1 29.6 3.5 1.3 1.1 0.2 29.6 3.5 1.3 1.1 0.2 4.2 1.5 0.5 (10) 10.8 3.0 1.1 0.9 7.0 4.4 3.4 3.1 175.3 6.2 2.4 2.0 0.4

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

Industry ²		2007		Cases wit tra			
		Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Service providing		175.2	6.2	2.4	2.0	0.4	3.8
Trade, transportation, and utilities ⁹		7.1	5.8	3.0	2.2	0.8	2.9
Utilities		5.0	6.0	2.4	1.6	0.8	3.6
Education and health services		118.3	6.9	1.7	1.4	0.3	5.2
Educational services	61	107.7	7.2	1.6	1.4	0.2	5.5
Health care and social assistance	62	10.6	5.3	2.3	1.3	1.0	3.0
Hospitals	622	7.0	4.7	2.3	1.4	0.9	2.4
Public administration		44.8	5.1	3.6	3.1	0.5	1.5
Public administration	92	44.8	5.1	3.6	3.1	0.5	1.5
See footnotes at end of table							

Table 3. Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007		Cases with days away from work, job transfer, or restriction			
Industry ²	NAICS code ³	Average annual employment ⁴ (000's)	Total recordable cases	Total	Cases with days away from work ⁵	Cases with job transfer or restriction	Other recordable cases
Executive, legislative, and other general government support Justice, public order, and safety activities Administration of human resource programs		34.3 5.7 2.9	5.9 1.8 5.0	4.4 0.6 2.7	3.7 0.4 	0.6 (¹º)	1.5 1.3 2.3

 $^{^{1}}$ 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).

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

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

² Totals include data for industries not shown separately.

³ North American Industry Classification System 2002 Edition

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

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

⁶ Excludes farms with fewer than 11 employees.

Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Data too small to be displayed.

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007

(In thousand

		2007		1	h days away fron ansfer, or restrict		
Industry ¹		Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
All industries including State and local government ⁵		1,760.6	77.3	38.4	21.2	17.2	38.9
Private industry ⁵		1,500.4	65.4	34.1	17.7	16,4	31.4
Goods producing ⁵		372.4	24.0	13.0	6.1	6.9	11.0
Natural resources and mining ^{5,6}		28.5	1.8	1.2	0.9	0.3	0.6
Agriculture, forestry, fishing and hunting ⁵	11	6.4	0.6	0.4	0.2	0.2	0.2
Support activities for agriculture and forestry		3.4	0.4	0.2	0.1	0.1	0.1
Mining ⁶		22.1	1.2	0.9	0.7	0.1	0.4
Mining (except oil and gas) ⁷	212 2121 2123	18.2 15.6 2.5	1.1 1.0 0.1	0.7 0.7 (⁹)	0.7 0.6 (⁹)	0.1 0.1 (⁹)	0.3 0.3 (⁹)
Construction		84.9	3.7	1.6	1.2	0.4	2.0
Construction	23	84.9	3.7	1.6	1.2	0.4	2.0
Construction of buildings Residential building construction Nonresidential building construction Heavy and civil engineering construction Utility system construction Highway, street, and bridge construction Specialty trade contractors Foundation, structure, and building exterior contractors Poured concrete foundation and structure contractors Structural steel and precast concrete contractors Masonry contractors	236 2361 2362 237 2371 2373 238 2381 23811 23812 23814	19.5 8.2 11.3 13.4 6.4 5.2 52.1 11.5 2.6 1.6 3.0	0.7 0.1 0.5 0.6 0.2 0.3 2.4 0.7 0.1	0.3 (*) 0.2 0.3 0.1 0.1 1.1 0.2 (*) (*)	0.2 (³) 0.2 0.2 0.1 0.1 0.8 0.2 (³) (³)	0.1 (*) 0.1 0.1 (*) 0.3 (*) (*) (*) (*)	0.4 0.1 0.3 0.3 0.1 0.2 1.4 0.4 0.1 (⁹)

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

		2007			h days away fron ansfer, or restricti		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work⁴	Cases with job transfer or restriction	Other recordable cases
Roofing contractors	23816	2.2	0.2	0.1	(⁹)	(⁹)	0.1
Building equipment contractors	2382	24.6	1.1	0.5	0.3	0.2	0.6
Electrical contractors	23821	9.7	0.3	0.1	0.1		0.1
Plumbing, heating, and air-conditioning contractors	23822	12.8	0.8	0.3	0.3	0,1	0.4
Building finishing contractors	2383	8.9	0.2	0.1	0.1	(⁹)	0.1
Drywali and insulation contractors	23831	3.5	0.1	0.1	(⁹)	(°)	0.1
Other specialty trade contractors	2389	7.0	0.4	0.2	0.2	` ′0.1	0.2
Manufacturing		258.9	18.5	10.2	4.0	6.2	8.3
Manufacturing	31-33	258.9	18.5	10.2	4.0	6.2	8,3
Food manufacturing	311	23.6	1.5	0.9	0.3	0.6	0.6
Fruit and vegetable preserving and specialty food manufacturing	3114	2.9	0.1	0.1	(⁹)	0.1	(°)
Animal slaughtering and processing	3116	9.0	0.6	0.4	0.1	0.3	0.2
Bakeries and tortilla manufacturing	3118	4.7	0.3	0.2	(⁹)	0.1	0.1
Severage and tobacco product manufacturing	312	5.7	0.5	0.3	0.1	0.2	0.2
Beverage manufacturing	3121	4.7	0.4	0.3	0.1	0.2	0.2
Distilleries	31214	3.1	0.2	0.1	(⁹)	0.1	0.1
Tobacco manufacturing	3122	1.0	0.1	(⁹)	(⁹)	(⁹)	(⁹)
Fextile product mills	314	2.2	0.1	0.1	(⁹)	(⁹)	(9)
Apparel manufacturing	315	4.7	0.2	0.1	(⁹)	0.1	0.1
Cut and sew apparel manufacturing	3152	3.8	0.2	0.1	(⁹)	(⁹)	0.1
Men's and boys' cut and sew apparel manufacturing	31522	3.4	0.2	0.1	(⁹)	(⁹)	0.1
Nood product manufacturing	321	13.1	1.2	0.6	0.4	0.2	0.6
Sawmills and wood preservation	3211	3.2	0.3	0.1	0.1	(⁹)	0.2
Other wood product manufacturing	3219	8.4	0.7	0.4	0.2	0.2	0.3
Millwork	32191	5.0	0.4	0.2	0.1	0.1	0.2
Wood container and pallet manufacturing	32192	2.4	0.2	0.1	0.1	0.1	0.1
Paper manufacturing	322	10.4	0.5	0.3	0.1	0.2	0.2
Converted paper product manufacturing	3222	8.8	0.4	0.3	0.1	0.2	0.2
Paperboard container manufacturing	32221	3.4	0.2	0.1	(⁹)	(⁹)	0.1
Paper bag and coated and treated paper manufacturing	32222	3.6	0.2	0.1	(°)	0.1	(⁹)
Printing and related support activities	323	13.0	0.7	0.5	0.1	0.4	0.3
Printing and related support activities	3231	13.0	0.7	0.5	0.1	0.4	0.3
Printing	32311	12.5	0.7	0.5	0.1	0.4	0.3

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

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		2007			h days away fror ansfer, or restrict		
Industry ¹		Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Commercial lithographic printing	323110	6.6	0.4	0.3	0.1	0.2	0.2
Chemical manufacturing	325	13.5	0.4	0.2	0.1	0.2	0.2
Basic chemical manufacturing	3251	3.4	0.1	0.1	(9)	(⁹)	0.2
Resin, synthetic rubber, and artificial and synthetic fibers and filaments	0201	0.4	0.1	0.1			0.1
manufacturing	3252	3.2	0.1	0.1	(⁹)	(⁹)	0.1
Plastics and rubber products manufacturing	326	18.0	1.1	0.6	0.3	` ′0.3	0.5
Plastics product manufacturing	3261	14.6	0.9	0.4	0.2	0.2	0.4
Rubber product manufacturing	3262	3.4	0.2	0.2	0.1	0.1	0.1
Nonmetallic mineral product manufacturing	327	8.9	0.5	0.3	0.2	0.1	0.2
Glass and glass product manufacturing	3272	2.8	0.1	0.1	(⁹)	(°)	0.1
Cement and concrete product manufacturing	3273	3.4	0.2	0.1	0.1	()	0.1
Primary metal manufacturing	331	13.8	1.1	0.5	0.3	0.3	0.1
Iron and steel mills and ferroalloy manufacturing	3311	1.5	(⁹)	(°)	(⁹)	(⁹)	(°)
Steel product manufacturing from purchased steel	3312	2.0	0.2	0.1	0.1	(°)	. , ,
Alumina and aluminum production and processing	3313	4.9	0.2	0.1	(⁹)		0.1
Nonferrous metal (except aluminum) production and processing	3314	2.3	0.2			0.1	0.1
Foundries	3314	3.1	0.2	0.1	0.1	(⁹)	0.1
Fabricated metal product manufacturing	332		· ·	0.2	0.1	0.1	0.2
Forging and stamping	–	21.6	1.9	1.0	0.4	0.6	0.9
	3321	2.8	0.3	0.2	0.1	0.1	0.1
Architectural and structural metals manufacturing	3323	4.6	0.5	0.3	0.1	0.2	0.2
Spring and wire product manufacturing	3326	1.9	0.2	0.1	0.1	0.1	0.1
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	3.9	0.3	0.1	0.1	(⁹)	0.2
Coating, engraving, heat treating, and allied activities	3328	3.5	0.2	0.1	(°)	0.1	0.1
Machinery manufacturing	333	21.3	1.6	0.8	0.4	0.4	0.8
Ventilation, heating, air-conditioning, and commercial refrigeration							
equipment manufacturing	3334	4.0	0.3	0.2	0.1	0.1	0.2
Metalworking machinery manufacturing	3335	3.8	0.3	0.2	0.1	0.1	0.1
Other general purpose machinery manufacturing	3339	6.9	0.5	0.2	0.1	0.1	0.3
Material handling equipment manufacturing	33392	3.1	0.3	0.1	0.1	(⁹)	0.2
Computer and electronic product manufacturing	334	7.6	0.2	0.1	0.1	0.1	0.1
Electrical equipment, appliance, and component manufacturing	335	9.4	0.6	0.2	0.1	0.1	0.3
Household appliance manufacturing	3352		0.2	(⁹)	(⁹)	(⁹)	0.1
Electrical equipment manufacturing	3353	3.1	0.3	0.1	` ′0.1	(°)	0.1
Transportation equipment manufacturing	336	56.6	5.7	3.3	0.8	2.4	2.4
Heavy duty truck manufacturing	33612		(⁹)	(⁹)	(⁹)	(°)	(°)
Motor vehicle parts manufacturing	3363	33,5	3.1	1.9	0.5	1.4	1.2
See footnotes at end of table							

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

(In thousands)	· · · · · · · · · · · · · · · · · · ·	T	 				
		2007			n days away fron Insfer, or restricti	-	
Industry ¹	NAICS code ²	2007 Average annual employment ³	Total recordable cases	Total	Cases with days away from work⁴	Cases with job transfer or restriction	Other recordable cases
			0.4	0.4	, 9 .	(⁹)	0.1
Motor vehicle electrical and electronic equipment manufacturing	33632	2.9	0.1	0.1	(⁹)	(*)	0.1
Motor vehicle steering and suspension components (except spring) manufacturing	33633	2.5	0.3	0.3	(°)	0.2	0.1
Motor vehicle brake system manufacturing	33634	3.7	0.3	0.2	0.1	0.2	0.1
Motor vehicle seating and interior trim manufacturing	33636	5.5	0.4	0.3	(⁹)		0.1
Motor vehicle metal stamping	33637	5.3	0.6	0.3	0.1	0.2	
Furniture and related product manufacturing	337	6.4	0.5	0.2	0.2	0.1	0.2
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.3	0.2	0.1	0.1	(*)	0.1
Office furniture (including fixtures) manufacturing	3372	2.4	0.2	0.1	0.1	(°)	0.1
Miscellaneous manufacturing	339	6.2	0.2	0.1	0.1	(°)	0.1
Service providing		1,128.0	41.4	21.0	11.6	9.5	20.3
Trade, transportation, and utilities ⁸		381.2	17.8	10.7	5.1	5.5	7.2
Wholesale trade	42	77.5	4.4	2.7	1.2	1.5	1.6
Merchant wholesalers, durable goods	423	38.5	2.2	1.2	0.5	0.7	1.0
Merchant wholesalers, nondurable goods	424	31.0	2.1	1.5	0.7	0.8	0.6
Retail trade	44-45	213.9	8.0	4.5	2.3	2.2	3.5
Motor vehicle and parts dealers	441	25.4	0.9	0.4	0.3	0.1	0.5
Furniture and home furnishings stores	442	6.7	0.3	0.1		(⁹)	0.1
Electronics and appliance stores		5.7	0.2	0.1		0.1	(⁹)
Building material and garden equipment and supplies dealers	444	19.2	1.0	0.6	0.3	0.3	0.4
Food and beverage stores		34.6	1.5	0.9	0.4	0.5	0.5
Gasoline stations	447	18.9	0.6	0.3	0.2	0.1	0.3
Sporting goods, hobby, book, and music stores	1	6.6	0.1	0.1	(⁹)	(⁹)	(⁹)
General merchandise stores		50.9	2.8	1.6	0.6	0.9	1.3
Department stores	4521	16.4	0.8	0.5	0.2	0.2	0.3
Other general merchandise stores	4529	34.6	2.1	1.1	0.4	0.7	1.0
Warehouse clubs and superstores	45291		1.7	1.1	0.4	0.7	0.6
Miscellaneous store retailers	453	12.5	0.3	0.3	0.2	(⁹)	(⁹)
Nonstore retailers	454	3.7	0.1	0.1	(⁹)	(⁹)	0.1
Transportation and warehousing ⁸	48-49	83.3	5.2	3.4	1.6	1.8	1.9
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Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

(In thousand	IS
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		2007			h days away fron ansfer, or restrict		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Rail transportation ⁸	482		0.1	0.1	0.1	(⁹)	(⁹)
Truck transportation	1	24.2	1.5	0.9	0.6	0.3	0.6
Transit and ground passenger transportation	485	2.7	0.1	0.1	0.1	(°)	(°)
Support activities for transportation	488	6.9	0.4	0.3	0.1	· · ·	` ′0.1
Couriers and messengers	492	22.8	1.3	0.7	0.3	0.4	0.6
Warehousing and storage	493	16.7	1.3	0.8	0.2	0.6	0.4
Utilities		6.5	0.2	0.1	0.1	(⁹)	0.1
Utilities	221	6.5	0.2	0.1	0.1	/ 9 \	0.1
Electric power generation, transmission and distribution		5.4	0.2	0.1	0.1	(⁹)	0.1
Information		29.4	0.7	0.4	0.2	0.2	0.3
Information		29.4	0.7	0.4	0.2	0.2	0.3
Publishing industries (except Internet)	511	7.1	0.1	0.1	(⁹)	(⁹)	0.1
Newspaper, periodical, book, and directory publishers	5111	6.7	0.1	0.1	(⁹)	(⁹)	0.1
Broadcasting (except Internet)	515	3.3	(⁹)	(⁹)	(°)	(^e)	(°)
Telecommunications	517	10.5	0.4	0.3	0.2	0.1	0.2
Internet service providers, web search portals, and data processing services	518	6.1	0.1	(⁹)	(⁹)		(⁹)
Financial activities		93.4	1.2	0.5	0.3	0.2	0.7
Finance and insurance	52						
Credit intermediation and related activities	522	38.7	0.3	0.2			0.1
Insurance carriers and related activities	524	27.1	0.1	(⁹)	(⁹)	(⁹)	0.1
Real estate and rental and leasing	53	20.4	0.9	. 0.3	0.2	0.1	0.5
Real estate	531	12.0	0.5	0.1		(⁹)	
Rental and leasing services	532	8.2	0.4	0.2	0.1	0.1	0.1
Professional and business services		183.2	2.3	1.2	1.0	0.3	1.1

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

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		2007			h days away fron ansfer, or restricti		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
					_		
Professional, scientific, and technical services	. 54	64.6	0.6	0.4	0.4		0.2
Management of companies and enterprises	55	17.4	0.4	0.2	0.1	(⁹)	0.2
Administrative and support and waste management and remediation services \dots	56	101.2	1.3	0.6	0.5	0.1	0.7
Administrative and support services		96.8 4.3	1.0 0.3	0.5 0.2	0.4 0.1	0.1 (⁹)	0.6 0.1
Education and health services		222.0	11.9	5.8	3.2	2.6	6.2
Educational services	. 61	15.2	0.3	0.2	0.1		0.2
Health care and social assistance	. 62	206.8	11.6	5.6	3.1	2.5	6.0
Ambulatory health care services		71.6	1.6	0.4	0.3	0.1	1.2
Hospitals		69.4	5.0	2.1	1.0	1.1	2.9
Nursing and residential care facilities		39.7 26.2	4.0 1.0	2.6 0.6	1.4 0.4	1.2 0.1	1.4 0.5
Leisure and hospitality		172.5	6.2	2.0	1.4	0.5	4.2
Arts, entertainment, and recreation	. 71	19.2	0.7	0.3	0.3	(⁹)	0.4
Performing arts, spectator sports, and related industries	711	6.0	0,4	0.1	0.1	(⁹)	0.3
Amusement, gambling, and recreation industries		12.1	0.3	0.2	0.1	`	0.1
Accommodation and food services	. 72	153.3	5.5	1.7	1.1	0.5	3.8
Accommodation	721	15.7	0.4	0.2	0.1	0.1	0.2
Food services and drinking places		137.6	5.1	1.5	1.0	0.4	3.6
Other services		46.4	1.2	0.5	0.3	0.2	0.7
Other services, except public administration	. 81	46.4	1.2	0.5	0.3	0.2	0.7

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

(In thousands)

	NAICS code ²	2007			h days away fron ansfer, or restrict		
Industry ¹		Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Repair and maintenance		18.0 2.7	0.5 0.1	0.2 (⁹)	0.1 (⁹)	(⁹)	0.4 (⁹)
electronic) repair and maintenance	8113	4.4	0.2	0.1	0.1	(⁹)	0.2
Personal and laundry services		14.8	0.4	0.2	0.1	0.1	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	10.6	0.3	0.1	0.1	(⁹)	0.2
State and local government		260.2	11.9	4.4	3.5	0.8	7.5
State government		84.9	3.5	1.1	0.8	. 0.3	2.3
Service providing		84.9	3.5	1.1	0.8	0.3	2.3
Education and health services		52.3	2.4	0.7	0.5	0.3	1.7
Educational services	61	39.1	0.8	0.2	0.1	0.1	0.6
Health care and social assistance	62	13.3	1.6	0.5	0.3	0.2	1.1
Hospitals	622		1.1	0.2	0.1	0.1	0.9
Nursing and residential care facilities			0.4	0.3	0.2	0.1	0.1
Social assistance		4.5	0.1	(°)	(°)	(°)	(⁹)
Leisure and hospitality		2.3	0.2	0.1	0.1		0.1
Public administration		29.6	0.9	0.3	0.3	(⁹)	0.6
Public administration	92	29.6	0.9	0.3	0.3	(⁹)	0.6
Executive, legislative, and other general government support	921	4.2	0.1	(⁹)	(⁹)		(⁹)
Justice, public order, and safety activities		10.8	0.1	0.1	0.1		0.2
Administration of economic programs	926	7.0	0.3	0.2	0.1		0.2
Local government		175.3	8.4	3.2	2.7	0.5	5.2
Goods producing ⁵		0.1	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)

Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

(In thousands)	Kentuon	.,					
		2007			h days away fron ansfer, or restricti		
Industry ¹	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Service providing		175.2	8.4	3.2	2.7	0.5	5.2
Service providing		1/5.2	0.4	3.2	2.7	0.5	5.2
Trade, transportation, and utilities ⁸		7.1	0.4	0.2	0.2	0.1	0.2
Utilities	22	5.0	0.3	0.1	0.1	(⁹)	0.2
Education and health services		118.3	5,6	1.4	1.1	0.3	4.3
Educational services	61	107.7	5.1	1.2	1.0	0.2	4.0
Health care and social assistance	62	10.6	0.5	0.2	0.1	0.1	0.3
Hospitals	622	7.0	0.3	0.1	0.1	0.1	0.1
Public administration		44.8	2.2	1.5	1.3	0.2	0.6
Public administration	92	44.8	2.2	1.5	1.3	0.2	0.6
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Table 4. Numbers of nonfatal occupational injuries and illnesses by industry and case types, 2007 -- Continued

(In thousands)

Industry ¹		2007			h days away fror ansfer, or restrict		
	NAICS code ²	Average annual employment ³	Total recordable cases	Total	Cases with days away from work ⁴	Cases with job transfer or restriction	Other recordable cases
Executive, legislative, and other general government support	922	34.3 5.7 2.9	1.9 0.1 0.1	1.4 (⁹) 0.1	1.2 (⁹)	0.2 (⁹)	0.5 0.1 0.1

Totals include data for industries not shown separately.

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

² North American Industry Classification System -- United States, 2002 Edition

³ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

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

⁵ Excludes farms with fewer than 11 employees.

⁶ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

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

⁹ Data too small to be displayed.

Table 5. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected worker characteristics and major industry sector, 2006

			Goods p	roducing		Service providing							
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	18,550	6,850	900	1,450	4,500	11,700	5,290	220		970	3,300	1,330	270
Gender:													
Male	12,360	5,540	860	1,430	3,250	6,820	4,270	180		680	540	620	230
Female	6,120	1,310	40	20	1,240	4,810	940	40		290	2,750	710	30
Age:													
14 to 15													
16 to 19	580	160	20	20	120	420	150				100	160	
20 to 24	2,080	630	90	50	490	1,450	570			130	400	320	
25 to 34	4,680	1,710	270	350	1,090	2,980	1,360	70		280	840	330	70
35 to 44	4,800	2,200	220	620	1,360	2,600	1,170	70		310	730	220	90
45 to 54	4,040	1,500	200	310	980	2,540	1,270	50		140	800	210	70
55 to 64	2,130	590	70	90	430	1,540	680	20		110	390	50	40
65 and over	210	30			20	170	80				50	40	
Length of service with employer:									j				
Less than 3 months	2,330	950	120	240	590	1,390	460			80	400	370	50
3 to 11 months	4,390	1,520	240	440	840	2,870	1,090	50		340	910	400	60
1 to 5 years	6,080	1,980	370	280	1,330	4,100	1,770	60		450	1,080	430	60
More than 5 years	5,630	2,370	150	490	1,730	3,260	1,890	90		90	900	140	100
Race or ethnic origin:													
White only	11,930	4,380	110	1,230	3,050	7,550	3,130	130		540	2,420	860	210
Black only	970	380		60	310	590	240				270	50	
Hispanic or Latino only	450	230	40	20	170	210	110			40	20	30	
Asian only	50					40	20						
Native Hawaiian or other Pacific Islander only													
American Indian or Alaskan Native only	90					80	80						
Hispanic or Latino and other race	20							~					
Multi-race													
Not reported	5,030	1,830	750	140	950	3,200	1,710	80		380	570	390	40

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 6. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by selected worker occupations and major industry sector, 2006

			Goods p	roducing					Service	providing			
Occupation	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	18,550	6,850	900	1,450	4,500	11,700	5,290	220		970	3,300	1,330	270
Laborers and freight, stock, and											ŀ		
material movers, hand	1,840	600			600	1,240	990			80	30	30	70
Truck drivers, heavy and tractor-trailer	1,120	140	20	20	110	980	930			40			
Nursing aides, orderlies, and attendants	1,010		_			1,010					1,010		
Construction laborers	500	350		310	30	160				150	·		
Food preparation workers	410					410	60				70	280	
Automotive service technicians and mechanics	390					380	360						
Registered nurses	370					370					370		
Maintenance and repair workers, general	330	70			60	260	150			40			50
Truck drivers, light or delivery services	320	60			40	260	240						
Maids and housekeeping cleaners	310					310				100	130	70	
Manufactured building and mobile home installers	270					270	270						
Cooks, restaurant	250					250						250	
Janitors and cleaners, except													
maids and housekeeping cleaners	240	50			30	190	50			40	40	50	
Industrial machinery mechanics	230	180	90	20	70	50				40		-	
Payroll and timekeeping clerks	210					210							
Machine feeders and offbearers	210	180			180	30							
Operating engineers and other													
construction equipment operators	200	200		200									
Welders, cutters, solderers, and brazers	200	150	-		140	60	50						
First-line supervisors/managers													
of food preparation and serving workers	190					190					-	180	
Cashiers	190					190	120		*-			70	
Retail salespersons	180					180	180						
Stock cierks and order fillers	180					170	160						
Carpenters	180	70		50		110				100			
Licensed practical and licensed vocational nurses	170					170					170		
Roof bolters, mining	160	160	160										
Cutting, punching, and press machine			l i								İ		
setters, operators, and tenders, metal and plastic	160	160			160								

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 7. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, 2006

Kentucky--private industry

			Goods p	roducing		Service providing							
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	18,550	6,850	900	1,450	4,500	11,700	5,290	220		970	3,300	1,330	270
Nature of injury, illness:													
Sprains, strains	8,880	2,760	330	620	1,810	6,110	2,700	100		460	1,990	390	190
Bruises, contusions	2,350	790	140	220	430	1,560	600	30		130	500	270	20
Cuts, lacerations	1.440	570	60	100	420	870	410			90	60	300	
Punctures	150	120	20	20	80	30			***				
Fractures	1,550	760	180	180	400	790	460			60	140	80	
Heat burns	210	100			90	100	30				40	30	
Carpal tunnel syndrome	170	130			130	40	20						
Tendonitis	80	60			60	20							
Chemical burns	150	80			70	70							
Amputations	90	90	20		70								
Multiple traumatic injuries	380	110	20	20	80	270	160	30			50		
Part of body affected:													
Head	1,290	560	80	120	360	730	250			150	130	170	
Eve	650	350	30	90	230	310	70			120	30	80	
Neck	320	110	30	30	50	210	140				50		
Trunk	7,160	2,470	350	500	1,610	4,690	1,990	100		420	1,570	270	80
Shoulder	1,370	490	50	80	360	880	610			40	180	30	
Back	4,340	1,480	210	350	930	2,860	1,050	80		280	1,150	190	70
Upper extremities	4,390	1,970	170	310	1,500	2,420	1,050	40		210	540	540	
Arm	1,030	470	40	170	260	560	210			130	160	30	
Wrist	760	300		20	260	460	190			40	120	100	
Hand, except finger	600	240	20	50	170	360	220				20	90	
Finger	1,670	810	90	60	660	860	330			20	190	290	
Lower extremities	3,760	1,350	210	390	750	2,420	1,320	50		160	570	210	80
Knee	1,390	490	80	150	270	890	470	30		50	230	80	40
Ankle	860	280	30	90	160	580	280			40	150	50	30
Foot, except toe	620	240	40	60	150	370	200			60	80	20	
Toe	150	40			30	110	90				1		
Body systems	130	50		20	30	80	40				30		
Multiple parts	1,490	330	70	70	200	1,160	500	30		20	400	130	80

Table 7. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by selected injury or illness characteristics and major industry sector, 2006 -- Continued

			Goods p	roducing					Service	providing			
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Source of injury, illness:													
Chemicals, chemical products	410	230	120		110	180	30			50	30	70	
Containers	2,020	640	40	70	530	1,380	880	20		110	180	150	30
Furniture, fixtures	470	120		40	80	350	140			20	110	70	
Machinery	1,250	650	110	40	500	600	330	20		70	60	70	30
Parts and materials	2,380	1,290	130	300	860	1,090	830			170	40	30	
Person, injured or ill worker	2,850	1,340	30	300	1,010	1,510	780	70		120	320	170	
Worker motion or position	2,800	1,320	30	300	1,000	1,480	770	60		120	310	170	
Floor, ground surfaces	3,010	810	110	250	450	2,210	690	20		130	800	260	80
Handtools	1,250	450	40	90	320	800	420	20		20	70	220	20
Vehicles	1,780	540	90	220	230	1,240	750	50		130	180	60	70
Person, other than worker	1,320					1,310	50				1,250		
Health care patient	1,210					1,210	:				1,200		
Event or exposure:													
Contact with object, equipment	5,150	2,560	450	510	1,600	2,590	1,430	30		270	340	430	60
Struck by object	2,520	1,150	260	230	660	1,360	840			100	180	220	
Struck against object	1,280	590	110	190	290	690	330			110	110	70	40
Caught in object, equipment, material	700	530	70		450	170	120					20	
Fall to lower level	840	290	30	110	140	540	380			20	100	40	
Fall on same level	1,420	370	50	40	270	1,050	330			50	390	250	
Slips, trips	200	60			60	150	70				40	20	
Overexertion	4,730	1,420	220	200	1,000	3,310	1,520	50		310	1,210	140	60
Overexertion in lifting	3,160	850	80	130	650	2,310	1,120			200	780	120	50
Repetitive motion	710	460		20	430	250	120				30	70	
Exposed to harmful substance	840	320	20	30	270	520	130			80	150	170	
Transportation accidents	760	160	20	110	30	600	280	50		60	100	30	60
Highway accident	550	100		70	20	450	140	50		50	100	30	60
Fires, explosions													
Assault, violent act	420	60	60			360	80				270		
by person	320	20	20			300	50				250		
by animal	80	40	40		-	40	30						

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 8. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected characteristics and major industry sector, 2006

			Goods p	roducing					Service	providing			
Characteristic	Private industry 3, 4, 5	Total goods producing	Natural resources and mining 3,4	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁵	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total [18,550 cases]	150.0	185.3	264.9	193.3	172.6	134.9	164.3	86.3		86.1	186.2	116.9	76.6
Nature of injury, illness:													
Sprains, strains	71.8	74.8	97.6	83.2	69.4	70.5	84.0	39.4		41.2	112.5	34.0	55.2
Bruises, contusions	19.0	21.3	40.1	29.6	16.5	18.0	18.7	12.3		11.8	28.2	23.3	6.0
Cuts, lacerations	11.7	15.5	17.9	13.0	15.9	10.0	12.7			7.6	3.6	26.0	
Punctures	1.2	3.2	7.1	2.3	2.9	0.4							
Fractures	12.6	20.6	52.5	24.7	15.3	9.1	14.3			5.1	7.8	7.3	
Heat burns	1.7	2.8			3.5	1.2	0.8				2.1	2.6	
Carpal tunnel syndrome	1.4	3.5			5.0	0.5	0.6						
Tendonitis	0,6	1.6			2.2	0.2							
Chemical burns	1.2	2.1			2.8	0.8							
Amputations	0.7	2.3	4.6		2.5								
Multiple traumatic injuries	3.1	3.1	5.5	2.3	3.0	3.1	4.9	10.1			2.7		
Part of body affected:										•	ľ		
Head	10.4	15.1	23.5	16.3	13.6	8.4	7.7			13.1	7.3	15.0	
Eve	5.3	9.4	8.1	11.7	8.9	3.5	2.1			10.9	1.7	7.0	
Neck	2.6	3.0	7.7	4.2	2.0	2.4	4.3			i	3.0		
Trunk	57.9	66.8	102.5	67.4	61.9	54.1	61.9	39.5		37.3	88.8	23.4	24.1
Shoulder	11.1	13.2	14.9	10.1	13.9	10.1	18.9			3.3	10.4	2.7	
Back	35.1	40.1	61.3	46.4	35.5	33.0	32.7	31.7		24.7	64.9	16.8	20.3
Upper extremities	35.5	53.4	49.2	41.6	57.4	27.9	32.7	14.0		18.8	30.4	47.5	
Arm	8.3	12.7	11.3	22.7	10.0	6.4	6.5			11.9	9.1	3.0	
Wrist	6.2	8.1		3.0	10.1	5.3	5.9			3.7	6.7	8.5	
Hand, except finger	4.8	6.5	7.3	6.5	6.4	4.2	7.0				1.4	7.7	
Finger	13.5	21.8	25.6	8.0	25.3	9.9	10.3			1.5	10.7	25.7	
Lower extremities	30.4	36.5	61.8	52.2	28.6	27.9	41.1	18.3		14.6	32.0	18.4	21.7
Knee	11.2	13.4	22.9	20.1	10.2	10.3	14.6	11.9		4.3	12.7	6.9	10.4
Ankle	6.9	7.5	9.8	11.8	6.0	6.7	8.6			3.9	8.5	4.4	9.1
Foot, except toe	5.0	6.6	11.1	7.8	5.6	4.3	6.2			5.2	4.7	1.9	
Toe	1.2	1.1			1.3	1.3	2.9						
Body systems	1.0	1.4		2.4	1.2	0.9	1.1				1.9		
Multiple parts	12.1	9.0	19.2	9.2	7.6	13.4	15.4	9.7		1.4	22.8	11.2	23.9

Table 8. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected characteristics and major industry sector, 2006 --- Continued

			Goods p	roducing					Service	providing			
Characteristic	Private industry 3, 4, 5	Total goods producing	Natural resources and mining 3,4	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁵	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Source of injury, illness:													
Chemicals, chemical products	3.3	6.3	34.6		4.1	2,1	0.8			4.8	1.8	5.9	
Containers	16.4	17.4	12.6	9.7	20.2	15.9	27.4	7.2		10.0	10.2	13.4	7.5
Furniture, fixtures	3,8	3.2		4.8	3.0	4.0	4.5			1.8	6.1	6.2	
Machinery	10.1	17.5	31.2	5.4	19.2	6.9	10.2	6.1		6.5	3.6	6.2	8.6
Parts and materials	19.2	34.8	37.4	39.5	33.1	12.6	25.8			14.7	2.2	2.6	
Person, injured or ill worker	23.0	36.2	8.3	40.4	38.6	17.4	24.4	26.0		11.0	18.3	14.7	
Worker motion or position	22.6	35.8	8.3	39.8	38.2	17.0	24.0	24.2		10.5	17.7	14.6	
Floor, ground surfaces	24.4	21.8	31.1	33.0	17.4	25.5	21.5	9.0		11.3	45.2	22.4	23.5
Handtools	10.1	12.3	12.5	12.3	12.3	9.2	13.1	6.0		1.3	4.1	19.8	6.9
Vehicles	14.4	14.7	25.0	29.8	9.0	14.3	23.2	18.5		11.6	10.3	4.8	20.3
Person, other than worker	10.7					15.1	1.7				70.8		
Health care patient	9.8					14.0					67.9		
Event or exposure:													
Contact with object, equipment	41.6	69.1	131.6	68.1	61.3	29.9	44.3	11.7		24.2	19.4	38.2	16.3
Struck by object	20.4	31.2	75.4	31.2	25.5	15.7	26.1			8.5	10.0	19.7	
Struck against object	10,4	16.0	33.4	24.7	11.2	8.0	10.3			9.8	6.3	6.4	10.3
Caught in object, equipment, material	5.7	14.3	20.7		17.2	2.0	3.8					1.5	
Fall to lower level	6.8	7.9	10.1	15.3	5.5	6.3	11.7			2.0	5.4	3.4	
Fall on same level	11.5	10.1	15.8	5.9	10.5	12.1	10.3			4.6	21.9	21.7	
Slips, trips	1.7	1.5			2.2	1.7	2.3				2.4	1.5	
Overexertion	38.2	38.3	65.0	26.6	38.2	38.2	47.3	18.0		27.3	68.3	12.1	17.9
Overexertion in lifting	25.6	23.0	22.8	16.9	24.8	26.7	34.8			18.1	44.3	10.3	14.0
Repetitive motion	5.7	12.4		3.1	16.4	2.9	3.9				1.4	5.9	
Exposed to harmful substance	6.8	8.6	5.0	3.9	10.4	6.0	4.1			6.7	8.3	14.5	
Transportation accidents	6.1	4.4	6.5	14.4	1.3	6.9	8.6	18.5		5.5	5.9	2.9	18.3
Highway accident	4.4	2.6		8.7	0.8	5.2	4.4	18.1		4.6	5.9	2.9	18.3
Fires, explosions]		
Assault, violent act	3.4	1.6	16.9			4.1	2.5				15.0		
by person	2.6	0.5	5.5			3.5	1.4				14.4		
by animal	0.6	1.0	11.0			0.5	0.9						

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

N = number of injuries and illnesses

EH = 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,

50 weeks per year).

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.

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

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

³ Excludes farms with fewer than 11 employees.

⁴ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and

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

Table 9. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by time, hours on the job, and day of week and major industry sector, 2006

			Goods p	roducing					Service	providing			
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	18,550	6,850	900	1,450	4,500	11,700	5,290	220		970	3,300	1,330	270
Time of event:													
12:01 A.M. to 4:00 A.M	750	380	70		300	370	200				140		
4:01 A.M. to 8:00 A.M.	2,010	720	120	60	540	1,290	280			240	370	150	
8:01 A.M. to 12:00 noon	4,900	1,770	220	520	1,030	3,130	1,440	110		310	860	280	110
12:01 P.M. to 4:00 P.M	4,330	1,630	190	510	930	2,700	1,390	30		170	710	260	100
4:01 P.M. to 8:00 P.M	2,270	660	130	70	460	1,610	490			100	610	380	
8:01 P.M. to 12:00 midnight	1,310	590	100		490	720	290	20		20	240	140	
Not reported	2,980	1,100	70	290	740	1,880	1,200	30		120	370	100	40
Hours on the job before event occurred:		İ	ŀ										
Before shift began													
Less than 1 hour	1.740	440	20	80	350	1,300	350			220	380	120	
1 hour to less than 2 hours	1,710	590	20	90	490	1,120	400	30		40	280	320	
2 hours to less than 4 hours	3,450	1,200	60	300	850	2,250	1,010	90		140	660	280	60
4 hours to less than 6 hours	2,850	1,100	20	290	790	1,760	630	20		130	630	260	60
6 hours to less than 8 hours	2,980	1,000	30	190	780	1,980	810	40		220	590	230	80
8 hours to less than 10 hours	1,360	530		190	330	830	550			30	220		
10 hours to less than 12 hours	460	160		20	140	300	120			50	110		
12 hours to less than 16 hours	130	20			20	110	30			20	60		
More than 16 hours													
Not reported	3,850	1,800	750	290	750	2,050	1,370	30		120	370	100	40
Day of week:													
Sunday	1,050	200	30		150	860	370			70	320	90	
Monday	3,420	1,390	190	310	890	2,030	980	20		130	600	230	40
Tuesday	3,080	1,230	160	200	870	1,850	850	40		140	550	180	70
Wednesday	3,770	1,330	160	320	850	2,440	960	90		250	520	300	90
Thursday	3,100	1,380	150	330	900	1,720	760	40		210	550	120	40
Friday	2,710	960	140	230	600	1,750	910	20		110	450	210	30
Saturday	1,410	370	80	50	240	1,050	450	20		70	300	190	

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 10. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected worker characteristics and major industry sector, 2007

			Goods p	roducing					Service	providing			
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	17,680	6,090	950	1,190	3,950	11,580	5,140	230	310	990	3,210	1,420	280
Gender:													
Male	11,170	5,170	920	1,190	3,060	5,990	3,590	160	140	750	460	660	230
Female	6,450	920	30		890	5,520	1,480	60	170	230	2,750	760	60
Age:													
14 to 15													
16 to 19	610	100	l		80	510	220		50		100	130	
20 to 24	2,290	650	90	150	410	1,630	820	50	50	120	340	190	60
25 to 34	4,410	1,670	310	390	970	2,740	1,230	50		220	820	340	80
35 to 44	4,740	1,710	270	300	1,140	3,030	1,250	60	70	370	750	440	80
45 to 54	3,550	1,340	180	250	910	2,200	1,040	30		200	690	200	40
55 to 64	1,660	560	70	90	400	1,100	410	30		60	470	100	30
65 and over	410	60			40	360	180		100		50	30	
Length of service with employer:													
Less than 3 months	2,600	840	120	190	520	1,760	870	40		80	440	300	20
3 to 11 months	3,950	1,240	220	270	750	2,710	1,050	40	120	200	750	460	100
1 to 5 years	6,290	2,000	420	440	1,130	4,290	1,880	80	170	540	1,150	360	100
More than 5 years	4,750	2,010	170	280	1,550	2,750	1,270	60		160	870	300	60
Race or ethnic origin:													
White only	12,600	4.310	170	1,050	3,090	8,290	3,590	150	280	570	2,460	1,050	200
Black only	830	230		20	200	600	140			80	200	160	
Hispanic or Latino only	400	270	70	40	170	120	60				30	30	
Asian only	20					l							
Native Hawaiian or other Pacific Islander only													
American Indian or Alaskan Native only	40					30		**]	20
Hispanic or Latino and other race													
Multi-race													
Not reported	3,770	1,250	710	70	460	2,530	1,340	70	30	340	500	190	50

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 11. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by selected worker occupations and major industry sector, 2007

			Goods p	roducing		Service providing								
Occupation	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services	
Total	17,680	6,090	950	1,190	3,950	11,580	5,140	230	310	990	3,210	1,420	280	
Laborers and freight, stock, and														
material movers, hand	1,570	420			420	1,150	970	20		100		50		
Nursing aides, orderlies, and attendants	1,090					1,090					1,090			
Truck drivers, heavy and tractor-trailer	1,010	130	20		90	880	800			80				
Construction laborers	320	280		260		40					!			
Registered nurses	290					290					290			
Combined food preparation and														
serving workers, including fast food	290	l				290	120					170		
Driver/sales workers	290	30			30	260	250							
Retail salespersons	270					270	270						•••	
Maintenance and repair workers, general	270	110			100	160	60			50	20			
Automotive service technicians and mechanics	260	20			20	240	180							
Cashiers	250					250	190					60		
Janitors and cleaners, except											1			
maids and housekeeping cleaners	220	30			30	190	60			60	40	20		
Stock clerks and order fillers	220					210	210							
Carpenters	220	210		170	50		j							
Maids and housekeeping cleaners	200					190					160	30		
Truck drivers, light or delivery services	200	20				180	170							
Emergency medical technicians and paramedics	180					180					180			
Customer service representatives	180					170	20		140					
Food preparation workers	160					150	40				50	40		
First-line supervisors/managers														
of retail sales workers	160					160	160							
Industrial machinery mechanics	160	140	80		50	30	20							
Cooks, fast food	150					150						150		
Welders, cutters, solderers, and brazers	150	110			90	30	20							
First-line supervisors/managers														
of helpers, laborers, and material movers, hand	150					140	130							
Licensed practical and licensed vocational nurses	140					140					140			
Nonfarm animal caretakers	140	50	50			90						90		

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 12. Number of nonfatal occupational injuries and illnesses involving days away from work ¹ by selected injury or illness characteristics and major industry sector, 2007

Kentucky--private industry

			Goods p	roducing		Service providing								
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services	
Total	17,680	6,090	950	1,190	3,950	11,580	5,140	230	310	990	3,210	1,420	280	
Nature of injury, illness:											,			
Sprains, strains	7,950	2,120	130	380	1,610	5,830	2,460	70	100	530	1,810	730	120	
Bruises, contusions	1,640	520	120	70	330	1,120	570	20	100	60	310	140	120	
Cuts, lacerations	1,550	560	50	140	370	990	470	20	50	80	150	200	20	
Punctures	220	90		30	50	130	20				90	200		
Fractures	1,630	720	160	180	380	910	440	20	30	90	170	130	30	
Heat burns	250	80			70	170	90				20	70	30	
Carpal tunnel syndrome	150	90			80	60	30					'		
Tendonitis	60	40			40									
Chemical burns	50	30			20	20								
Amputations	140	100			90	40	30							
Multiple traumatic injuries	620	210	40	50	110	410	230	30		50	90			
Part of body affected:						,,,_					•			
Head	1,400	590	100	160	340	810	490	20		30	110	80	90	
Eye	480	240	30	30	180	230	100				30	"	70	
Neck	260	120	20	40	60	140	40				70		,,,	
Trunk	6,710	2,060	350	380	1,330	4,650	2,140	50	190	360	1,350	510	50	
Shoulder	1,420	470	70	80	320	950	500			80	200	150		
Back	4,020	1,140	210	210	720	2.880	1,170	40	90	240	1,050	260	30	
Upper extremities	3,750	1,610	150	220	1,240	2,130	890	50	60	170	570	350	50	
Arm	830	260	30	40	200	570	340			60	100	60		
Wrist	640	310		50	240	340	120	20		30	100	40	30	
Hand, except finger	560	160	20	40	100	390	140			20	210			
Finger	1,330	710	80	90	540	630	240	20	50	40	120	140		
Lower extremities	4,200	1,360	260	300	800	2,850	1.140	70	50	310	770	420	90	
Knee	1,860	450	100	80	270	1,410	470	50		150	420	250	50 50	
Ankle	980	310	40	120	150	670	290			110	150	80		
Foot, except toe	600	280	50	70	170	320	130			30	110	20	20	
Toe	110	50			40	70	50					20	20	
Body systems	180	80		20	50	100	40			_	40	1		
Multiple parts	1,160	280	70	70	140	880	390	20		100	310	30		
See footnotes at end of table.	.,,										0.0	- 30		

Table 12. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by selected injury or illness characteristics and major industry sector, 2007 -- Continued

Characteristic	Private industry 2, 3, 4		Goods p	roducing		Service providing								
		Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services	
Source of injury, illness:														
Chemicals, chemical products	240	200	120	20	60	40	20							
Containers	2,780	550	30	30	480	2,240	1,390	20		140	190	450	20	
Furniture, fixtures	690	160			150	520	190			50	120	100		
Machinery	1,100	640	120	80	440	460	360			30	30	40		
Parts and materials	2,260	1,470	140	400	930	800	510		50	120	40	60		
Person, injured or ill worker	2,430	910	40	90	770	1,520	740	60		200	280	200	20	
Worker motion or position	2,390	890	40	90	760	1,500	730	60		200	270	200	20	
Floor, ground surfaces	2,920	740	130	200	410	2,180	610	40	110	190	870	290	70	
Handtools	870	450	30	180	240	420	120	30		20	120	80	30	
Vehicles	1,610	380	110	110	160	1,240	900			60	170	50	30	
Person, other than worker	1,160					1,150					1,130			
Health care patient	1,120					1,120					1,120			
Event or exposure:														
Contact with object, equipment	5,170	2,400	440	490	1,470	2,770	1,370	50	100	230	410	470	140	
Struck by object	2,580	1,220	230	320	670	1,360	680	20	40	60	240	200	110	
Struck against object	1,530	480	110	80	280	1,050	500	30	60	130	120	180	30	
Caught in object, equipment, material	700	500	90	40	380	200	140			30	20			
Fall to lower level	820	350	30	190	130	470	270			50	90	50		
Fall on same level	1,860	410	70	110	230	1,450	540	40	100	90	480	190		
Slips, trips	210	60			40	150	100				30			
Overexertion	4,740	1,340	240	190	910	3,400	1,520	20	80	240	1,230	290	30	
Overexertion in lifting	3,060	810	100	130	570	2,260	1,010	20		190	770	250	20	
Repetitive motion	480	320			300	150	80	20		20	20			
Exposed to harmful substance	660	300	20	40	240	360	160	20		50	60	80		
Transportation accidents	560	100	20	50	30	460	310			20	90	30		
Highway accident	390	70		40	20	320	200			20	80			
Fires, explosions														
Assault, violent act	330	50	50			280				20	220	30		
by person	180					170					130			
by animal	150	40	40			110					90			

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 13. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected characteristics and major industry sector, 2007

			Goods p	roducing	private ma	Service providing								
Characteristic	Private industry 3, 4, 5	Total goods producing	Natural resources and mining 3,4	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁵	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services	
Total [17,680 cases]	140.9	165.9	281.4	161.2	152.3	130.5	158.0	85.5	36.3	86.7	172.7	123.8	81.0	
Nature of injury, illness:														
Sprains, strains	63.4	57.8	37.1	52.0	62.1	65.7	75.7	27.9	12.1	46.8	97.1	63.4	34.4	
Bruises, contusions	13.1	14.2	35.9	10.1	12.6	12.6	17.6	7.7		5.2	16.9	12.1		
Cuts, lacerations	12.4	15.4	16.0	18.4	14.4	11.1	14.3	8.0	6.3	6.9	8.3	17.1	5.4	
Punctures	1.8	2.6		4.7	2.0	1.4	0.7				5.1			
Fractures	13.0	19.7	48.7	24.3	14.6	10.2	13.6	8.2	3.4	7.8	9.2	11.1	8.2	
Heat burns	2.0	2.0			2.6	2.0	2.7				0.8	6.3		
Carpal tunnel syndrome	1.2	2.5			3.2	0.7	0.9							
Tendonitis	0.5	1.2			1,4									
Chemical burns	0.4	0.9			0.9	0.2								
Amputations	1.1	2.8			3.3	0.5	1.0							
Multiple traumatic injuries		5.6	13.3	7.3	4.1	4.7	7.0	9.5		4.6	4.8			
Part of body affected:														
Head	11.2	16.1	28.7	21.4	13.0	9.1	15.0	7.0		2.6	5.7	7.0	24.6	
Eye	3.8	6.7	9.6	4.2	7.0	2.6	3.1				1.7		21.3	
Neck	2,1	3.2	4.7	5.7	2.3	1.6	1.3				3.8			
Trunk	53.4	56.0	103.7	51.9	51,0	52.4	65.9	17.9	21.7	31.5	72.7	44.7	13.0	
Shoulder	11.3	12.8	21.0	11.1	12.2	10.7	15.3			6.6	10.9	13.3		
Back	32.0	31.0	61.8	27.9	27.9	32.5	35.9	14.1	10.6	21.4	56.5	23.0	7.8	
Upper extremities		43.9	45.0	30.2	47.7	24.0	27.4	19.6	7.0	14.6	30.4	30.3	14,3	
Arm	6.6	7.1	8.2	5.1	7.6	6.4	10.4			5.1	5,5	5.6		
Wrist	5.1	8.3		6.9	9.2	3.8	3.7	9.0		2.2	5.2	3.7	8.3	
Hand, except finger	4.4	4.4	5.9	5.2	4.0	4.4	4.4			1.4	11.3			
Finger	10.6	19.2	23.6	12.1	20.6	7.1	7.5	8.3	6.3	3.6	6.2	12.3		
Lower extremities	33.5	36.9	75.9	40.2	30.9	32.1	34.9	27.5	5.3	27.4	41.6	36.5	24.5	
Knee	14.8	12.3	29.8	10.6	10.4	15.9	14.6	18.8		13.1	22.4	21.9	15.0	
Ankle	7.8	8.5	11.2	16.0	6.0	7.5	9.0			9.7	8.3	7.3		
Foot, except toe	4.8	7.7	14.1	8.9	6.5	3.6	4.1			2.5	5.7	1.9	6.0	
Toe	0.9	1.3			1.5	8.0	1.4							
Body systems	1.4	2.1		2.3	2.1	1.1	1.1				1.9			
Multiple parts	9.3	7.6	21.6	9.7	5.2	10.0	12.1	8.9		8.4	16.6	2.9	•••	

Table 13. Incidence rates ¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected characteristics and major industry sector, 2007 --- Continued

Characteristic			Goods p	roducing		Service providing								
	Private industry 3, 4, 5	Total goods producing	Natural resources and mining 3,4	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁵	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services	
Source of injury, illness:														
Chemicals, chemical products	1.9	5,3	35.6	2.5	2.2	0.5	0.5							
Containers	22.2	14.8	8.3	4.4	18.7	25.2	42.7	6.9		12.6	10.1	38.9	6.1	
Furniture, fixtures	5.5	4.5			5.8	5.9	6.0			4.3	6.7	8.6		
Machinery	8.8	17.4	36.3	10.3	17.0	5.2	11.1			2.6	1.5	3.5		
Parts and materials	18.0	39.9	41.3	53.5	35.9	9.0	15.5		6.2	10.6	2.1	5.2		
Person, injured or ill worker	19.3	24.7	13.3	12.4	29.7	17.1	22.7	23.0		17.3	15.2	17.4	7.0	
Worker motion or position	19.0	24.3	13.3	12.4	29.1	16.9	22.5	23.0		17.3	14.6	17.1	6.8	
Floor, ground surfaces	23.3	20.1	39.8	26.6	15.8	24.6	18.9	16.1	12.9	16.7	46.5	25.4	19.2	
Handtools	6.9	12.3	8.5	24.4	9.4	4.7	3.8	11.3		2.0	6.5	6.8	9.1	
Vehicles	12.9	10.3	33.2	14.3	6.2	13.9	27.6			5.0	9.3	4.1	8.8	
Person, other than worker	9.2					13.0					60.6			
Health care patient	9.0					12.7					60.0			
Event or exposure:														
Contact with object, equipment	41.2	65.2	130.7	66.4	56.4	31.2	42.1	19.7	11.4	20.6	21.9	40.6	40.2	
Struck by object	20.5	33.1	67.2	43.1	25.9	15.3	21.0	8.2	4.5	5.4	12.9	17.6	31.5	
Struck against object	12.2	13.0	33.9	11.3	10.7	11.8	15.5	11.5	6.5	11.2	6.6	15.8	7.4	
Caught in object, equipment, material	5.6	13.7	26.1	5.1	14.5	2.2	4.2			2.4	0.8			
Fall to lower level	6.5	9.4	8.9	25.9	4.8	5.3	8.3			4.2	4.6	4.1		
Fall on same level	14.8	11.1	21.3	14.8	8.8	16.3	16.5	14.0	11.6	8.1	25.9	16.5		
Slips, trips	1.7	1.6			1.7	1.7	3.0				1.8			
Overexertion	37.8	36.5	71.3	25.3	35.1	38.3	46.6	9.1	8.9	21.4	65.9	25.2	7.2	
Overexertion in lifting	24.4	22.0	31.0	17.5	22.1	25.4	31.0	5.8		16.9	41.5	21.5	5.8	
Repetitive motion	3.8	8.8			11.7	1.7	2.3	8.5	,	1.5	1.3			
Exposed to harmful substance	5.3	8.1	6.2	5.3	9.1	4.1	5.0	7.0		4.1	3.2	6.6		
Transportation accidents	4.4	2.7	6.7	6.6	1.1	5.2	9.6			1.8	4.6	2.4		
Highway accident	3.1	1.9		5.3	0.8	3.6	6.0			1.5	4.2			
Fires, explosions														
Assault, violent act	2.6	1.3	14.1			3.2		-		2.0	11.7	2.4		
by person	1.4					1.9					7.0			
by animal	1.2	1.1	11.6			1.3					4.7			

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

N = number of injuries and illnesses

EH = 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,

50 weeks per year).

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.

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

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

³ Excludes farms with fewer than 11 employees.

⁴ Data for mining (Sector 21 in the *North American Industry Classification System --* United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and

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

Table 14. Number of nonfatal occupational injuries and illnesses involving days away from work 1 by time, hours on the job, and day of week and major industry sector, 2007

Kentucky--private industry

			Goods p	roducing		Service providing							
Characteristic	Private industry 2, 3, 4	Total goods producing	Natural resources and mining 2,3	Construc- tion	Manufac- turing	Total service providing	Trade, transport- ation, and utilities ⁴	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	17,680	6,090	950	1,190	3,950	11,580	5,140	230	310	990	3,210	1,420	280
Time of event:					·								
12:01 A.M. to 4:00 A.M	900	370	80		290	530	280				170	50	
4:01 A.M. to 8:00 A.M	2.170	640	110	90	440	1,530	640	20	30	140	450	240	20
8:01 A.M. to 12:00 noon	4,880	1,780	290	570	920	3,100	1,410	80	120	340	860	200	80
12:01 P.M. to 4:00 P.M	3,980	1,400	200	340	860	2,590	1,290	70		250	680	210	60
4:01 P.M. to 8:00 P.M	2,220	610	130	30	440	1,610	540	20		110	590	340	
8:01 P.M. to 12:00 midnight	1,340	460	70	***	380	890	360			40	240	190	40
Not reported	2,180	840	70	150	630	1,340	620	20	120	90	220	190	70
Hours on the job before event occurred:													
Before shift began	70	30		•••	20	50					30		
Less than 1 hour	1,730	410	20	60	320	1.320	650	30		140	240	240	20
1 hour to less than 2 hours	1,850	580	20	170	390	1,260	440	30	130	70	390	180	20
2 hours to less than 4 hours	3,750	1,240	90	290	860	2,510	1,170	30		280	740	240	30
4 hours to less than 6 hours	2,820	830	30	200	600	1,990	1,010	50		110	530	250	30
6 hours to less than 8 hours	2,790	940	50	200	690	1,850	670	40		160	640	250	80
8 hours to less than 10 hours	1,290	490	50	110	330	800	370	20		90	280		20
10 hours to less than 12 hours	390	110			90	270	90			40	80		
12 hours to less than 16 hours	120	20				100	30				50		
More than 16 hours	**												
Not reported	2,880	1,450	680	150	630	1,430	710	20	120	90	220	190	70
Day of week:													
Sunday	1,140	160	20		120	980	410			30	330	140	70
Monday	3,200	1,260	200	240	820	1.940	820	60	130	210	570	120	40
Tuesday	3,050	1,180	200	190	790	1,870	830	30		270	410	270	50
Wednesday	3,600	1,190	180	250	760	2,410	1,120	40	60	170	580	360	80
Thursday	2,930	1,150	130	290	730	1,780	880	30		140	590	80	40
Friday	2,220	830	130	170	530	1,400	660	30		120	430	130	
Saturday	1,520	330	90	30	200	1,190	420	30	80	40	300	320	

¹ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

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: Bureau of Labor Statistics, U. S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.

² Excludes farms with fewer than 11 employees.

³ Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping

⁴ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Table 15. Number of nonfatal occupational injuries and illnesses involving days away from work by selected worker characteristics

State Government

	2006	2007	Occupation:	2006
Total	930	840	Nursing aides, orderlies, and attendants	110
			Correctional officers and jailers	110
Gender:			Psychiatric aides	100
Male	460	380	Janitors and cleaners, except	
Female	470	460	maids and housekeeping cleaners	60
			Operating engineers and other	
Age:			construction equipment operators	
14 to 15			Construction laborers	
16 to 19	30		Psychiatric technicians	20
20 to 24	80	60	Waiters and waitresses	20
25 to 34	170	210	Cooks, institution and cafeteria	20
35 to 44	240	170	Landscaping and groundskeeping workers	20
45 to 54	280	290	Licensed practical and licensed vocational nurses	20
55 to 64	120	90	Registered nurses	
65 and over		20		
Length of service with employer:				
Less than 3 months	80	90		
3 to 11 months	140	170		
1 to 5 years	420	250	Days away from work include those that result in days away	
More than 5 years	300	330	from work with or without job transfer or restriction.	
Race or ethnic origin:			Because of rounding and data exclusion of nonclassifiable	
White only	460	380	responses, data may not sum to the totals.	
Black only	70	60		
Hispanic or Latino only			Dashes indicate data that does not meet publication guidelines.	
Asian only				
Native Hawaiian or other Pacific Islander only			Source: Bureau of Labor Statistics, US Department of Labor,	
American Indian or Alaskan Native only		***	Survey of Occupational Injuries and Illnesses in cooperation	
Hispanic or Latino and other race			with participating State agencies	
Multi-race				
Not reported	400	390		

Table 16. Number of nonfatal occupational injuries and illnesses involving days away from work by nature, part, source, and event State Government

	2006	2007		2006	2007
Total	930	840			
Nature of injury, illness:			Source of injury, illness:		
Sprains, strains	510	420	Chemicals, chemical products	20	
Bruises, contusions	110	70	Containers	70	50
Cuts, lacerations	30	40	Furniture, fixtures	50	50
Punctures			Machinery		
Fractures	40	70	Parts and materials		30
Heat burns			Person, injured or ill worker	220	130
Carpal tunnel syndrome			Worker motion or position	210	130
Tendonitis			Floor, ground surfaces	210	250
Chemical burns			Handtools	20	40
Amputations			Vehicles	60	60
Multiple traumatic injuries		40	Person, other than worker	210	140
			Health care patient	200	140
Part of body affected:			·		
Head	70	30	Event or exposure:		
Eye			Contact with object, equipment	150	130
Neck	20		Struck by object	80	50
Trunk	270	340	Struck against object	70	50
Shoulder	50	50	Caught in object, equipment, material		
Back	180	220	Fall to lower level	50	40
Upper extremities	200	120	Fall on same level	110	110
Arm	120	30	Slips, trips		
Wrist	120	50	Overexertion	230	180
Hand, except finger	20		Overexertion in lifting	110	130
Finger		20	Repetitive motion		•••
Lower extremities	280	210	Exposed to harmful substance	40	30
Knee	140	90	Transportation accidents	50	30
Ankle	60	60	Highway accident	40	30
Foot, except toe	40	30	Fires, explosions		
Toe			Assault, violent act	70	70
Body systems	20		by person	60	60
Multiple parts	70	120	by animal		

Table 17 Number of nonfatal occupational injuries and illnesses involving days away from work by selected worker characteristics

Local Government

	2006	2007	Occupations:	2006	2007
Total	2,600	2,690	Laborers and freight, stock, and		
Gender:			material movers, hand	230	
Male	1,570	1,400	Janitors and cleaners, except		
Female	1,030	1,300	maids and housekeeping cleaners	220	300
			Emergency medical technicians and paramedics	150	140
Age:			Bus drivers, school	150	190
14 to 15			Correctional officers and jailers	130	
16 to 19		20	Police and sheriff's patrol officers	110	130
20 to 24	70	110	Maintenance and repair workers, general	100	30
25 to 34	420	430	First-line supervisors/managers		
35 to 44	730	860	of police and detectives	90	
45 to 54	850	670	Fire fighters	90	100
55 to 64	450	550	Cooks, institution and cafeteria	90	100
65 and over	70	50	Landscaping and groundskeeping workers	70	
			Security guards	60	290
Length of service with employer:			Highway maintenance workers	60	
Less than 3 months	60	40	Bus drivers, transit and intercity	50	
3 to 11 months	240	290	Elementary school teachers, except		
1 to 5 years	850	880	special education	40	30
More than 5 years	1,440	1,480	Teacher assistants	40	130
·	•	•	Nursing aides, orderlies, and attendants	40	30
Race or ethnic origin:			Registered nurses	30	30
White only	1,400	1,450	Septic tank servicers and sewer pipe cleaners	30	40
Black only	270	120	Bus and truck mechanics and diesel		
Hispanic or Latino only			engine specialists	30	30
Asian only			Truck drivers, heavy and tractor-trailer	30	
Native Hawaiian or other Pacific Islander only			Crossing guards	20	
American Indian or Alaskan Native only			Food preparation workers	20	50
Hispanic or Latino and other race			Telecommunications equipment installers		
Multi-race			and repairers, except line installers	20	
Not reported	930	1,110	Refuse and recyclable material collectors	20	30
			Water and liquid waste treatment plant and		
Occupations (continued)			system operators		90
Operating engineers and other			Meter readers, utilities		80
construction equipment operators		30	First-line supervisors/managers		
Hazardous materials removal workers		30	of fire fighting and prevention workers		40
Employment, recruitment, & placement specalist		20	Home health aids		30
Preschool teachers, except special education		20	Library assistants, clerical		30
• • • • • • • • • • • • • • • • • • • •			,		

Table 18 Number of nonfatal occupational injuries and illnesses involving days away from work by nature, part, source and event Local Government

	2006	2007		2006	2007
Total	2,600	2,690			
Nature of injury, illness:			Source of injury, illness:		
Sprains, strains	1,430	1,190	Chemicals, chemical products	50	90
Bruises, contusions	300	380	Containers	230	170
Cuts, lacerations	100	110	Furniture, fixtures	100	100
Punctures	20		Machinery		40
Fractures	250	170	Parts and materials	130	130
Heat burns		30	Person, injured or ill worker	430	350
Carpal tunnel syndrome			Worker motion or position	340	350
Tendonitis			Floor, ground surfaces	560	770
Chemical burns	40		Handtools	50	110
Amputations	40		Vehicles	380	380
Multiple traumatic injuries	100	200	Person, other than worker	220	250
			Health care patient	80	80
Part of body affected:					
Head	100	190	Event or exposure:		
Eye	50	30	Contact with object, equipment	400	320
Neck	50	130	Struck by object	170	170
Trunk	1,020	800	Struck against object	120	110
Shoulder	220	220	Caught in object, equipment, material	20	
Back	730	480	Fall to lower level	220	230
Upper extremities	400	350	Fall on same level	270	330
Arm	110	90	Slips, trips		
Wrist	110	70	Overexertion	540	530
Hand, except finger	60	50	Overexertion in lifting	360	380
Finger	150	80	Repetitive motion		20
Lower extremities	660	770	Exposed to harmful substance	110	170
Knee	260	350	Transportation accidents	260	280
Ankle	190	170	Highway accident	230	280
Foot, except toe	50	60	Fires, explosions		
Toe	20		Assault, violent act	210	120
Body systems	50	90	by person	150	110
Multiple parts	310	350	by animal	20	

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

Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

Dashes indicate data that does not meet publication guidelines.

Source: Bureau of Labor Statistics, US Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.

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Census of Fatal Occupational Injuries

Kentucky

&

The United States of America

2006

Report prepared by:

Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department of Labor
Office of Occupational Safety and Health

in cooperation with The U.S. Department of Labor, Bureau of Labor Statistics

"No individual in the United States shall, on the grounds of race, color, religion, sex, national origin, age, disability, political affiliation or belief, be excluded from participation in, or denied the benefits of, or be subjected to discrimination under any program or activity under the jurisdiction of the Kentucky Department of Labor."



Ernie Fletcher Governor

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET DEPARTMENT OF LABOR

OFFICE OF THE COMMISSIONER 1047 US Hwy 127 S STE 4 Frankfort, Kentucky Phone: (502) 564-3070 www.kentucky.gov Teresa J. Hill Secretary

Philip J. Anderson Commissioner

My Fellow Kentuckians,

The Census of Fatal Occupational Injuries (CFOI) is a Federal/State program of the U.S. Department of Labor/Bureau of Labor Statistics in which the Kentucky Department of Labor has participated for the last sixteen years. It is a compilation of work-related fatalities that have occurred in Kentucky and the United States in all sectors during the reporting year.

The data contained in this report has been obtained from a multitude of sources and has been independently verified. However, since many of these workplace fatalities are not under the jurisdiction of Federal OSHA or KY OSH, the CFOI data may differ from Federal OSHA or KY OSH fatality data.

Nonetheless, the information contained in this report is extremely useful in helping to identify sources of occupational fatalities and I hope it will assist you in creating safer conditions in your workplace.

Sincerely,

Philip J. Anderson, commissioner Kentucky Department of Labor



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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 sixteenth 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 (2006), 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 government investigative reports. Each fatality was substantiated by either two independent source documents or one source document and a follow-up questionnaire to the employer or other contact (excluding next-of-kin) who 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 analysts and leader's information that will lead to safer working conditions.

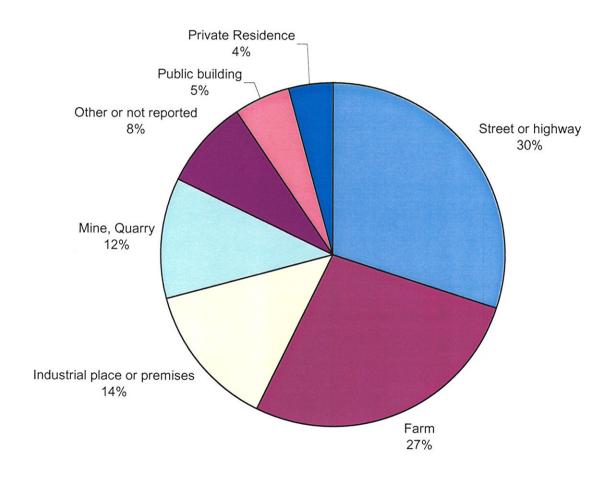
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Summary of Observations

- The number of Occupational Fatalities in Kentucky was 147 in 2006.
- Transportation accidents with 77 and contacts with objects and equipment with 27 were the two largest categories for fatal events in the state.
- Workers in the agriculture, forestry, fishing and hunting industry experienced 18 deaths.
- ◆ The age range with the highest number of fatal occupational injuries was 45 to 54 with 45 fatalities.
- ♦ White, non-Hispanics accounted for 91 percent (134) of work related fatalities.
- ♦ Accounting for 78 work related fatal injuries in the State of Kentucky, vehicles was the largest category of primary source.
- ♦ In 2006, Jefferson County had 23 fatal occupational injuries, more than any other county in the state.
- ◆ Of the 147 occupational fatalities in 2006, 133 were male and 14 were female.
- ◆ There were 6 workplace homicides in 2006.
- In 2006, there were 12 fatalities in the government sector.
- Of the 147 Fatalities in Kentucky 30 were self-employed.

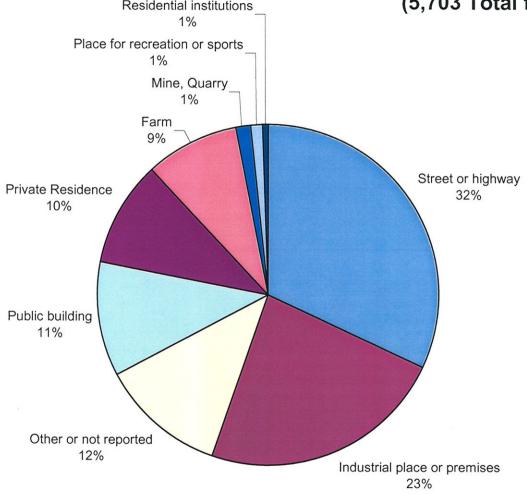
This report may be revised during the year to include any cases not included in this report due to late arrival of source documents.

Fatal work injuries by location, Kentucky, 2006 all ownerships (147 Total fatalities)

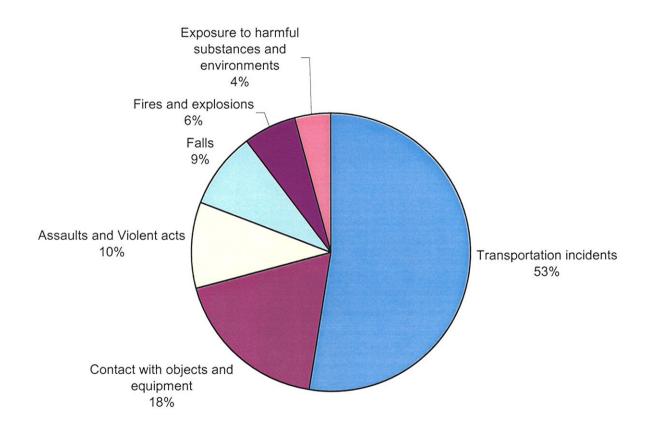


Fatal work injuries by location, All United States, 2006, all ownerships

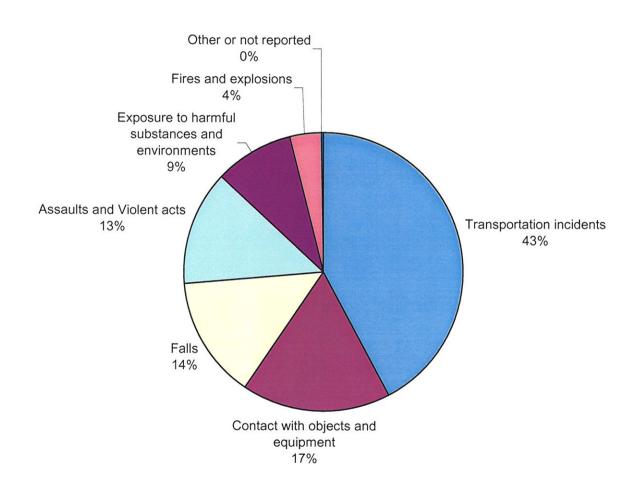
Residential institutions (5,703 Total fatalities)



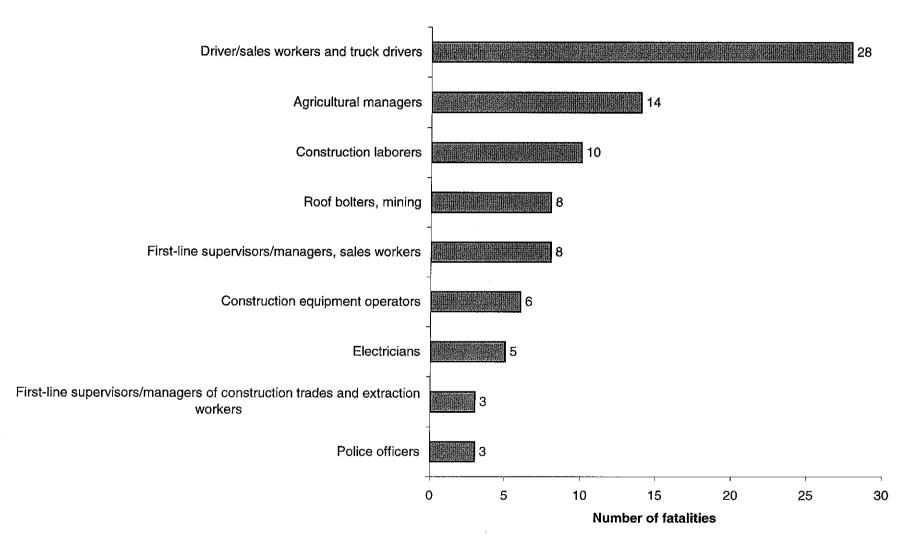
Workplace fatalities by event or exposure, Kentucky, 2006 all ownerships (147 Total fatalities)



Workplace fatalities by event or exposure, All United States, 2006 all ownerships (5,703 Total fatalities)

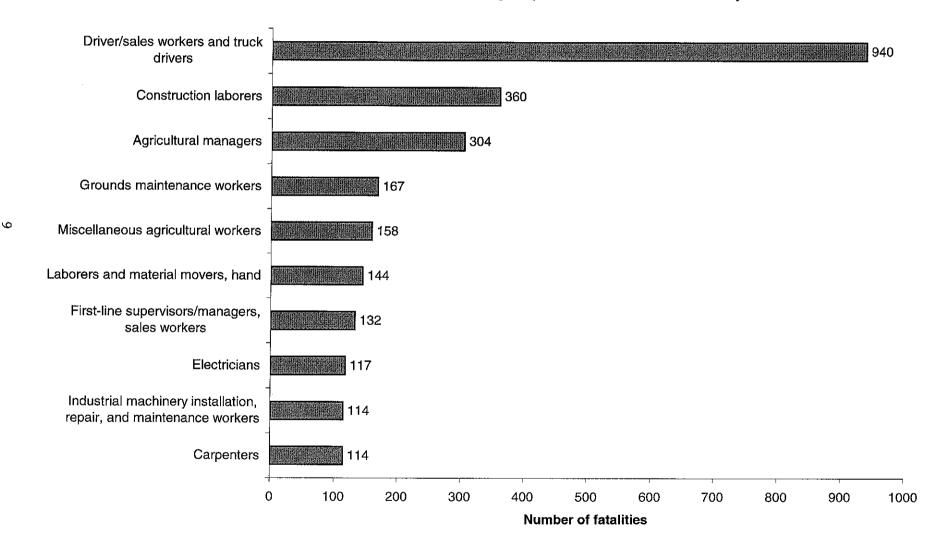


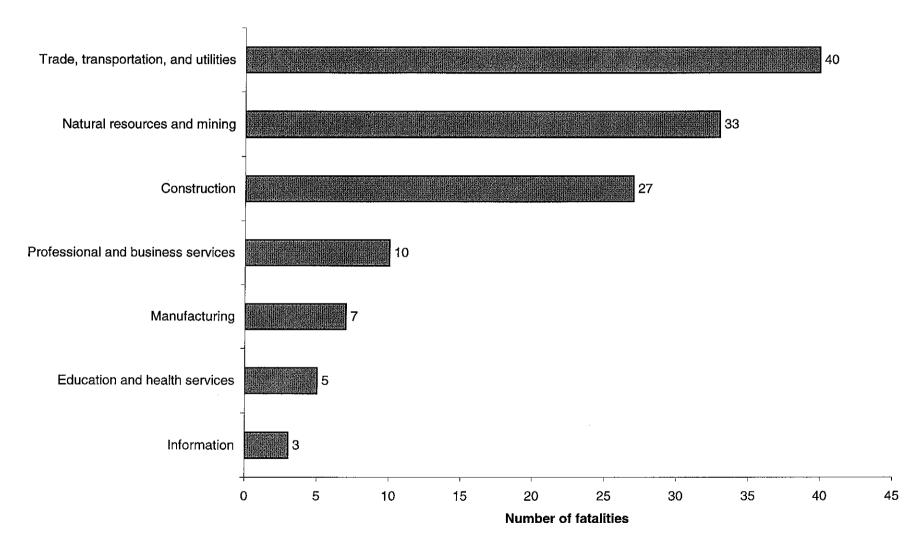
Occupations with the largest number of worker fatalities, 2006, Kentucky, all ownerships (147 Total fatalities)



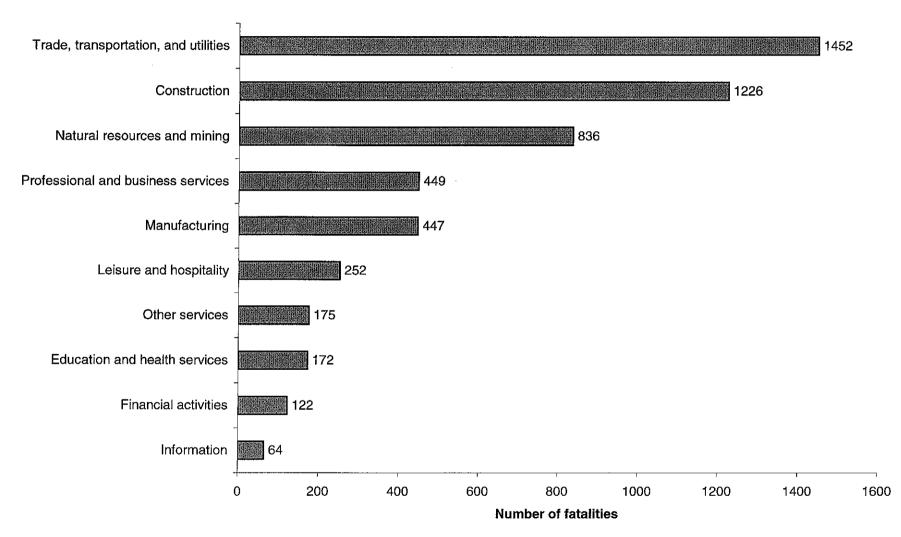
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Occupations with the largest number of worker fatalities, 2006, All United States, all ownerships (5,703 Total fatalities)

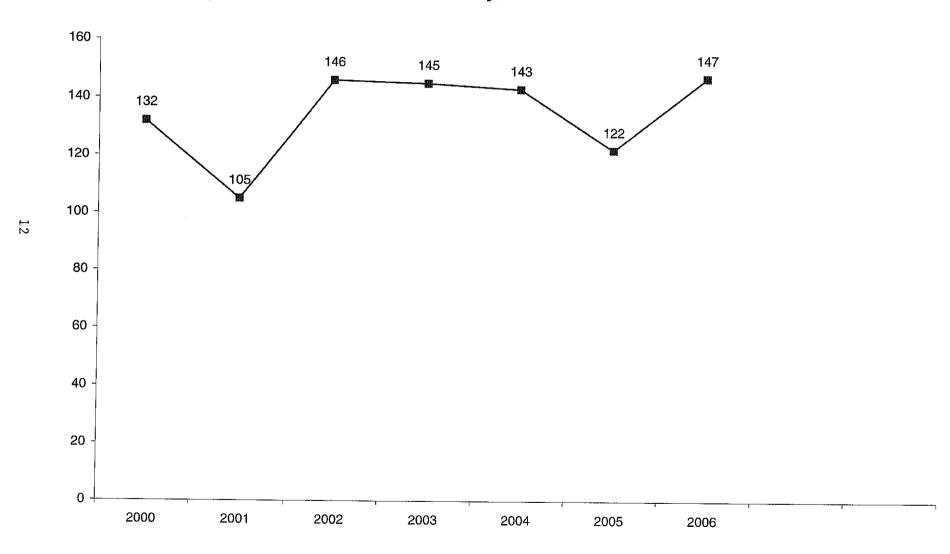




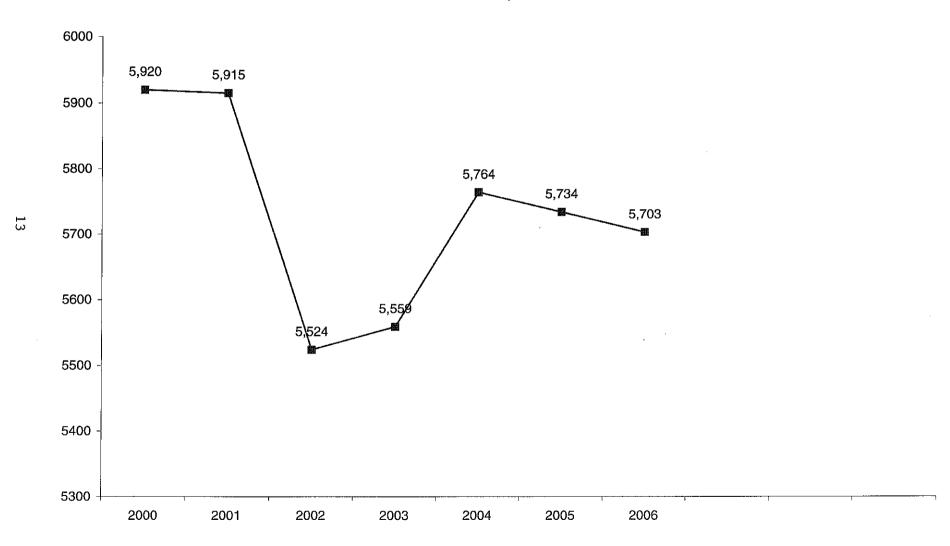
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Fatal Work Injury Counts Kentucky, 2000-2006



Fatal Work Injury Counts United States, 2000-2006



KENTUCKY DATA TABLES

Table 1 Fatal Work Injuries by Worker Characteristics and Location, Kentucky, 2006

Gender:

Men	133
Women	14

Race or ethnic origin:

White, non-Hispanic	134
Black, non-Hispanic	4
Hispanic	7
American Indian, Aleut, Eskimo	
Asian	
Pacific Islander	
Multiple races	
Other or not reported	

Age:

Under 16 years	
16 to 17 years	
18 to 19 years	
20 to 24 years	6
25 to 34 years	28
35 to 44 years	30
45 to 54 years	45
55 to 64 years	23
65 years and over	14

Location:

Private residence	6
Farm	40
Mine, quarry	17
Industrial place and premises	20
Place for recreation or sports	
Street and highway	44
Public building	8
Residential institutions	
Other or not reported	10

NOTE: Dashes indicate no data or data that do not meet publication criteria (more than 2 cases). Totals for major categories may include subcategories not shown separately.

Data for 2006 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal

Occupational Injuries

Table 1a. Fatal Work Injuries by Primary Source And Secondary Source of Injury, Kentucky, 2006

Primary source

Vehicles	78
Highway vehicles	42
Automobiles	10
Trucks	29
Plant and industrial powered vehicles, tractors	10
Forklifts	
Tractors	8
Structures and surfaces	26
Floors, walkways, ground surfaces	14
Machinery	14
Agriculture and garden machinery	
Construction, logging, and mining machinery	8
Material handling machinery	5
Parts and materials	3
Machine, tool, and electric parts	4
Persons, plants, animals, and minerals	10
Persons -other than injured worker	6
Robber	3
Co-worker, former co-worker	
Trees, logs	4
Chemicals and chemical products	6
Tools, instruments, and equipment	5
Containers	4
Other	10
Bullets and pellets	6
Fire, flame, smoke	

The primary source and seconday source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury. For transportation incidents, the source identifies the vehicle in which the deceased was an occupant.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown separately.

Data for 2006 are preliminary.

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

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TABLE 2 Fatal occupational injuries by event or exposure and major private industry 1 sector, Kentucky, 2006

			Goods p	roducing					Service	providing						
Event or exposure ²	Total fatalities (number)	Total goods producing	Natural resources and mining ³	Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and utilities	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services			
Total	147	67	33	27	7	68	40	3		10	5					
Contact with objects and equipment	27	23	12	7	4	4										
Struck by object	12	10	5	4												
Struck by falling object	6	4														
Struck by rolling, sliding objects on floor	Ĭ	· ·														
or ground level	3	3														
Caught in or compressed by equipment or objects	7	9											l .			
Caught in running equipment or machinery		9														
Caught in or crushed in collapsing materials		7														
Other cave-in		, ,	5													
	13	5	5			4				I						
Falls	13	9		0	-	4				l			.			
Fall to lower level		9		8	_	4		-				-				
Fall from roof	4	4		4	_			-		[
Exposure to harmful substances or environments		5		. 3				**				-				
Contact with electric current		4		3				**		_		-				
Transportation accidents	77 32	21	12	8		48	32			5						
Highway accident	32	4		3		25	22									
Collision between vehicles, mobile equipment	15	3				10	7									
Moving in same direction	3															
Moving in opposite directions, oncoming	10					7	4									
Vehicle struck stationary object, equipment																
on side of road	12					11	11									
Noncollision accident	5					4	4									
Jack-knifed or overturnedno collision	4					3	3		-							
Nonhighway accident, except rail, air, water	14	11	9									_				
Noncollision accident	12	10	8													
Fell from and struck by vehicle, mobile			_	1												
equipment	4	3	3													
Overturned	6	6	5						•=							
Pedestrian, nonpassenger struck by vehicle,	ĭ	ı	Ĭ										1			
mobile equipment	5	ار		٦									1			
Aircraft accident	24					20	7			5						
ee footnotes at end of table.	24					20				, ,	7.7		<u> </u>			

TABLE 2 Fatal occupational injuries by event or exposure and major private industry 1 sector, Kentucky, 2006 - continued

			Goods p	roducing		Service providing							
Event or exposure ²	Total fatalities (number)	Total goods producing	Natural resources and mining ³	Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and utilities	Informa- tion	Financial activities	Profes- sional and business services	and nealth		Other services
During takeoff or landing	23					19	6			5	**		
Fires and explosions	9	7	6				~-						
Explosion	7	7	6										
Explosion, n.e.c.	5	5	5		-								
Assaults and violent acts	15			-	-	9	4			3			
Assaults and violent acts by person(s)	6					4	3						
Shooting	3					3							
Self-inflicted injury	7					5							
Suicide, attempted suicide	5					4							

¹ Classified according to the North American Industry Classification System, 2002.

NOTE: 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." Data for 2006 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

TABLE 3 Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Kentucky, 2006

			Trai		Homicides				
Occupation ¹	Total fatalities (number)	Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transporta- tion incidents	Tota!	Homicides by shooting	All other homicides
Total	147	77	32	14	5	26	6	3	3
Management occupations	23	17		6		10			
Other management occupations	19			ءَ ا		ě			
Agricultural managers]	
Farmers and ranchers	14	š		۱					
Business and financial operations occupations				Ĭ <u>.</u>					
Protective service occupations	š	5			3				_
Law enforcement workers					Ĭ				_
Police officers]				_
Police and sheriff's patrol officers		l ::		i					
Other protective service workers							-		
Personal care and service occupations				<u> </u>	1 - 1			· ·	
Animal care and service workers								1 -	
Sales and related occupations		اء ا	4	_				· - -	
Supervisors, sales workers	l 's	ا ا	3			3	3		
First-line supervisors/managers, sales workers	···]	3	_			••		-
First-line supervisors/managers of retail sales workers	l 🔓	ا ا	, J	-]	••		
Farming, fishing, and forestry occupations		ျ	ა	-	-	1			
Construction and extraction occupations		1 1							
Supervisors, construction and extraction workers	41	'0	3	٥				-	
First-line supervisors/managers of construction trades	°		••			[
and extraction workers	۰ ا								
First-line supervisors/managers of construction					,			-	
trades and extraction workers									
Construction trades workers								l	
Construction laborers		1 4		3					
Construction laborers		["	-
Construction equipment operators		"							
Operating engineers and other construction	''' ବା	3		3					
					!				
equipment operatorsElectricians	[2]	3		3					
See footnotes at end of table.	15								

TABLE 3 Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Kentucky, 2006 - continued

			Trai	Homicides					
Occupation ¹	Total fatalities (number)	Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transporta- tion incidents	Total	Homicides by shooting	All other homicides
Electricians	5	••							
Extraction workers	12							.	-
Roof bolters, mining	8								
Roof bolters, mining	8								
Installation, maintenance, and repair occupations	3								
Production occupations	5								
Transportation and material moving occupations	32	27	22			4			
Motor vehicle operators	28	24	21						-
Driver/sales workers and truck drivers	28	24	21					·	-
Driver/sales workers		4	3						-
Truck drivers, heavy and tractor-trailer	24	20	18						

¹ Based on the 2000 Standard Occupational Classification System.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate

no data reported or data that do not meet publication criteria. Data for 2006 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

TABLE 4 Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Kentucky, 2006

Industry ¹	Fat	alities		or wage and vorkers ²	Governme	nt workers ³	Self-employed workers	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	147	100.0	105	100.0	12	100.0	30	100.0
Goods Producing	68	46.3	49	46.7			18	60.0
Natural Resources and Mining	33	22.4	17	16.2			16	53.3
Agriculture, Forestry, Fishing and Hunting	18	12.2	l				16	53.3
rop Production		6.8	l				10	33.0
Other Crop Farming		4.1					6	20.0
All Other Crop Farming	4	2.7				'	4	13.3
nimal Production		2.7					3	10.0
Mining ⁶		10.2	15	14.3				-
lining (except Oil and Gas)	15	10.2	15	14.3				-
Coal Mining	14	9.5	14	13.3				
Coal Mining		9.5	14	13.3				,
Bituminous Coal Underground Mining		7.5	11	10.5				
Construction	28	19.0	25	23.8				
Construction		19.0	25	23.8				
onstruction of buildings		2.0						,
Residential Building Construction		2.0						
Residential Building Construction	***	2.0						
eavy and Civil Engineering Construction		4.8	7	6.7	 .			
Highway, Street, and Bridge Construction	1	2.7	4	3.8				
Highway, Street, and Bridge Construction	1	2.7	4	3.8				
pecialty Trade Contractors		11.6	15	14.3				
Foundation, Structure, and Building Exterior Contractors		4.8	6	5.7				
Building Equipment Contractors		2.7	3	2.9				
Electrical Contractors		2.0						
Other Specialty Trade Contractors		2.0	3	2.9				,
Manufacturing		4.8	7	6.7				
Manufacturing		4.8	7	6.7				
Service providing		53.7	56	53.3	11	91.7	12	40.
Trade, Transportation, and Utilities		27.2	34	32.4			6	20.
Wholesale Trade		2.0						-
Retail Trade		7.5	7	6.7			4	13.
Transportation and Warehousing		17.7	25	23.8				
uck Transportation		15.0	22	21.0				
General Freight Trucking		10.9	16	15.2				
General Freight Trucking, Local		4.1	6	5.7				
General Freight Trucking, Long-Distance		6.8	10	9.5				
Specialized Freight Trucking.		4.1	6	5.7				
Specialized Freight (except Used Goods) Trucking, Local		2.7	4	3.8				
Information		2.0	3	2.9				
Information		2.0	3	2.9				
Professional and Business Services.		6.8	7	6.7	:			
Professional, Scientific, and Technical Services		4.8		0.7				
			***	i	- -			
ofessional, Scientific, and Technical Services	7	4.8						

TABLE 4 Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Kentucky, 2006

Industry [†]	Fata	llities		or wage and vorkers ²	Governme	nt workers ³	Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Administrative and Support and Waste Management and Remediation Services	10 3 3 6 6 5	2.0 6.8 2.0 2.0 4.1 4.1 3.4 3.4	3 5 3 	2.9 4.8 2.9 	. 5 . 3 6 6 5 5	41.7 25.0 50.0 50.0 41.7 41.7	111111	

¹ Classified according to the North American Industry Classification System, 2002.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2006 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

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

³ Includes fatalities 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.

^b Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

UNITED STATES OF AMERICA DATA TABLES

Table 1 Fatal Work Injuries by Worker Characteristics and Location, United States, 2006

Gender:

Men	5,275
Women	428

Race or ethnic origin:

White, non-Hispanic	3,945
Black, non-Hispanic	552
Hispanic	937
American Indian, Aleut, Eskimo	44
Asian	142
Pacific Islander	10
Multiple races	10
Other or not reported	63

Age:

Under 16 years	10
16 to 17 years	20
18 to 19 years	104
20 to 24 years	382
25 to 34 years	1,016
35 to 44 years	1,266
45 to 54 years	1,378
55 to 64 years	941
65 years and over	577

Location:

Private residence	574
Farm	504
Mine, quarry	81
Industrial place and premises	1,321
Place for recreation or sports	65
Street and highway	1,829
Public building	612
Residential institutions	34
Other or not reported	683

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown separately.

Data for 2006 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal

Occupational Injuries

Table 1a. Fatal Work Injuries by Primary Source and Secondary Source of Injury United States 2006

Primary source

Vehicles	2,464
Highway vehicles	1,785
Automobiles	317
Trucks	1,259
Plant and industrial powered vehicles, tractors	272
Forklifts	81
Tractors	180
Structures and surfaces	887
Floors, walkways, ground surfaces	771
Machinery	490
Agriculture and garden machinery	78
Construction, logging, and mining machinery	214
Material handling machinery	101
Parts and materials	379
Machine, tool, and electric parts	140
Persons, plants, animals, and minerals	248
Persons -other than injured worker	28
Robber	9
Co-worker, former co-worker	6
Trees, logs	119
Chemicals and chemical products	191
Tools, instruments, and equipment	115
Containers	91
Other	811
Bullets and pellets	531
Fire, flame, smoke	102

The primary source and secondary source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury. For transportation incidents, the source identifies the vehicle in which the deceased was an occupant.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown separately.

Data for 2006 are preliminary.

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

TABLE 2 Fatal occupational injuries by event or exposure and major private industry 1 sector, All United States, 2006

		Goods producing				Service providing							
Event or exposure ²	Total fatalities (number)	Total goods producing	Natural resources and mining ³	Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and utilities	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	5,703	2,509	836	1,226	447	2,693	1,452	64	122	449	172	252	175
Contact with objects and equipment	983 809 10 525 2,413 201 754 8	634 519 297 819 117 118 3	269 32 62 372 53 48	215 428 189 322 30 40	150 59 46 125 34 30	317 252 6 203 1,327 54 530 4	865 23	6 9 - 5 39 - 5	7 16 11 42 4 42	71 84 56 182 5 50	5 14 3 22 92 35	13 23 17 61 8 129	43 21 16 43 13 39

NOTE: 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." Data for 2006 are preliminary.

¹ Classified according to the North American Industry Classification System, 2002. ² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

TABLE 3 Fatal occupational injuries resulting from transportation incidents and homicides by occupation, All United States, 2006

			Trar	nsportation incid	Homicides				
Occupation ¹	Total fatalities (number)	Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transporta- tion incidents	Total	Homicides by shooting	All other homicides
Total	5,703	2,413	1,329	342	372	370	516	417	99
Management occupations		236	61	115		39	51	40	11
Business and financial operations occupations	38	19	10			6	5	5	
Computer and mathematical occupations	16	6	3			3:			
Architecture and engineering occupations	54	27	14		8	5			
Life, physical, and social science occupations	25	8	4						
Community and social services occupations	31	19:	17				7	4	3
Legal occupations	11						5	5	
Education, training, and library occupations	23	10	7						
Arts, design, entertainment, sports, and media occupations	45	29	4	8		16			
Healthcare practitioners and technical occupations	54	27	15		3	9	10	5	5
Healthcare support occupations		8	8				3	iI	3
Protective service occupations		120	75	6	30	9	90	79	11
Food preparation and serving related occupations	78	12	7			••	42	35	7
Building and grounds cleaning and maintenance occupations	277	73	31	29	10	3	13	9	4
Personal care and service occupations		14	6			5	12	9	3
Sales and related occupations	308	94	63	4	15	12	147	122	25
Office and administrative support occupations	82	37	27		9		24	22	
Farming, fishing, and forestry occupations	289	131	32	41	17	41			
Construction and extraction occupations		317	132	68	96	21	14	10	4
installation, maintenance, and repair occupations		82	49	8	17	8	13	8	5
Production occupations		45	18	8	17		11	7	4
Transportation and material moving occupations	1,463	1,067	732	49	116	170	59	49	10
Military specific occupations	51	29	13			16			

¹ Based on the 2000 Standard Occupational Classification System.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate

no data reported or data that do not meet publication criteria. Data for 2006 are preliminary.

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TABLE 4 Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, All United States, 2006

Industry ¹	Fatalities		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	5,703	100.0	4,189	100.0	501	100.0	1,013	100.0
Agriculture, Forestry, Fishing and Hunting	190 1,282 448 217 351 864 72 65 123 472 98	11.5 3.3 22.5 7.9 3.8 6.2 15.1 1.3 1.1 2.2 8.3 1.7 4.5	276 182 1,034 431 204 266 735 50 61 97 371 41	6.6 4.3 24.7 10.3 4.9 6.3 17.5 1.2 1.5 2.3 8.9 1.0 4.9	10 56 32 20 23 49 6	2.0 11.2 6.4 4.0 4.6 9.8 1.2	370 8 192 16 13 85 97 3 25 78 8	36.5 0.8 19.0 1.6 1.3 8.4 9.6 0.3 2.5 7.7 0.8 4.7
Other ServicesPublic Administration	175 287	3.1 5.0	123	2.9	 287	57.3	52	5.1

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2006 are preliminary.

¹ Classified according to the North American Industry Classification System, 2002.

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

Includes fatalities to workers employed by governmental organizations regardless of industry.

function in function of functions of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

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This report was prepared by the OSH Statistical Services Branch in the Division of Education and Training.

Data collection, analysis, and publication by:

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CENSUS

OF

FATAL

OCCUPATIONAL

INJURIES

2007

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 seventeenth 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 (2007), 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 government investigative reports. Each fatality was substantiated by either two independent source documents or one source document and a follow-up questionnaire to the employer or other contact (excluding next-of-kin) who had knowledge about the circumstances of the incident.

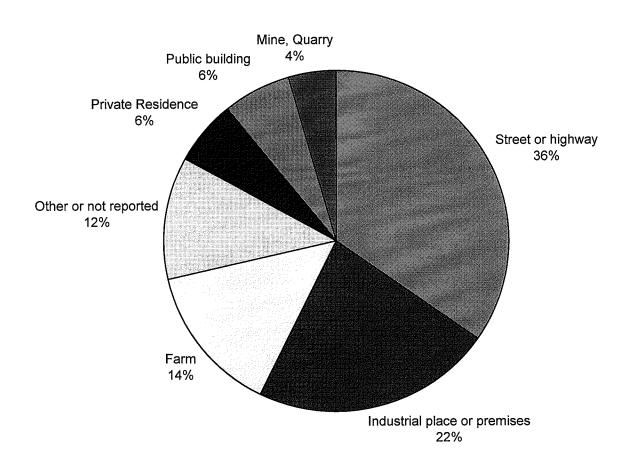
The Kentucky CFOI program provides useful data for identifying hazardous industries, occupations, activities, and equipment involved in work-related fatalities. The CFOI program gives both public and private analysts and leader's information that will lead to safer working conditions.

Summary of Observations

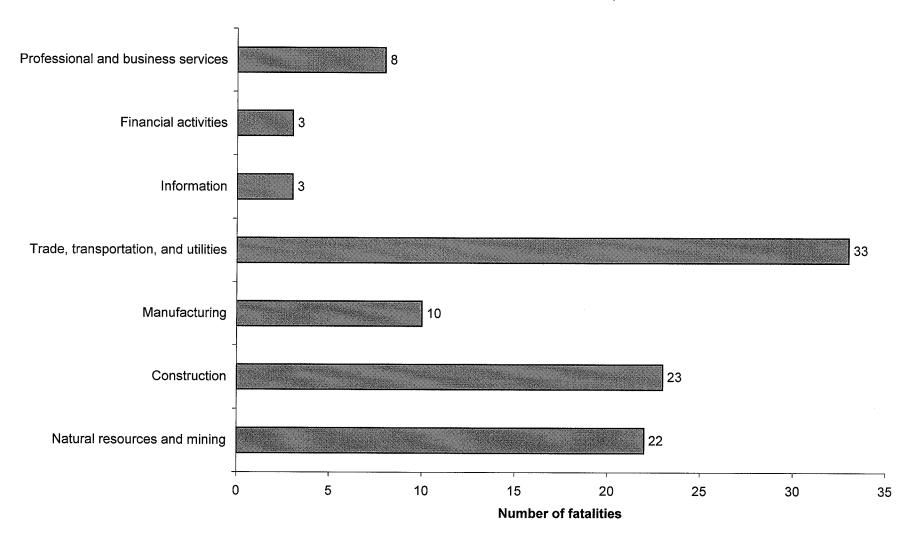
- The number of Occupational Fatalities in Kentucky was 112 in 2007.
- ♦ Transportation accidents with 57 and contacts with objects and equipment with 21 were the two largest categories for fatal events in the state.
- Workers in the agriculture, forestry, fishing and hunting industry experienced 17 deaths.
- ♦ The age range with the highest number of fatal occupational injuries was 45 to 54 with 30 fatalities.
- ♦ White, non-Hispanics accounted for 90 percent (100) of work related fatalities.
- ♦ Accounting for 61 work related fatal injuries in the State of Kentucky, vehicles was the largest category of primary source.
- ♦ In 2007, Jefferson County had more fatal occupational injuries, than any other county in the state.
- ♦ Of the 112 occupational fatalities in 2007, 106 were male and 6 were female.
- ♦ There were 10 workplace homicides in 2007.
- ♦ In 2007, there were 8 fatalities in the government sector.
- ♦ Of the 112 Fatalities in Kentucky 22 were self-employed.

This report may be revised during the year to include any cases not included in this report due to late arrival of source documents.

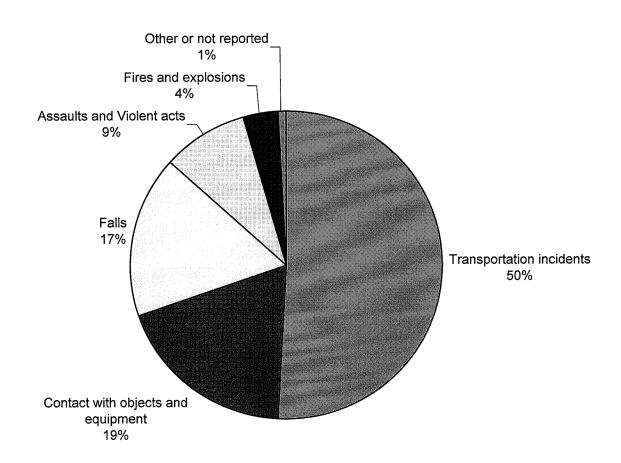
Fatal work injuries by location, Kentucky, 2007, all ownerships (112 Total fatalities)



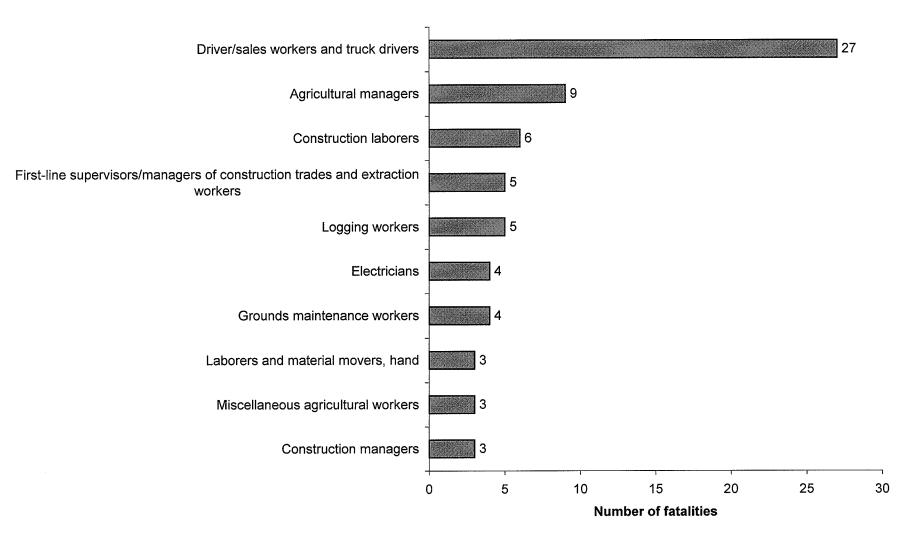
Fatal work injuries in selected industries, 2007, Kentucky, all ownerships (112 Total fatalities)



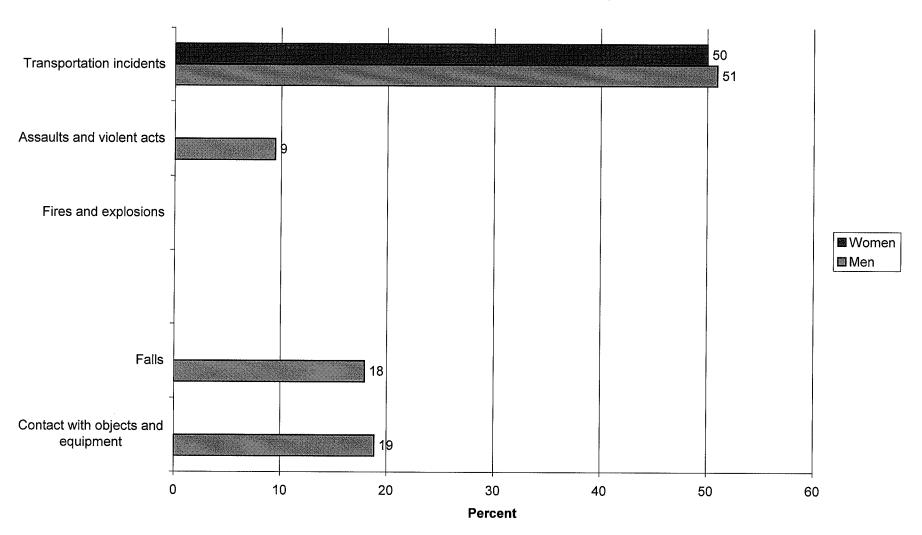
Workplace fatalities by event or exposure, Kentucky, 2007, all ownerships (112 Total fatalities)



Occupations with the largest number of worker fatalities, 2007, Kentucky, all ownerships (112 Total fatalities)



Fatality work injuries varied between men and women, 2007, Kentucky, (106 men, 6 women)



Fatal Work Injury Counts Kentucky, 2000-2007

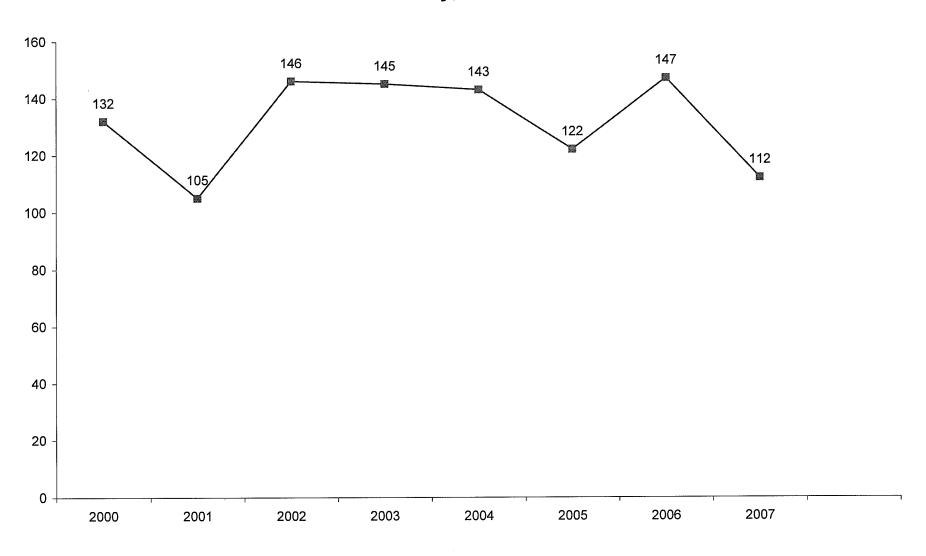


Table 1. Fatal occupational injuries by worker characteristics and event or exposure, Kentucky, 2007

				Event or e	exposure ¹		
Worker characteristics	Total fatalities (number)	Transportation incidents ²	Assaults and violent acts ³	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environ- ments	Fires and explosions
Total	112	57	10	21	19	-	4
Employee Status							
Wage and Salary Workers⁴ Self-employed⁵	90 22	48 9	5 5	16 5	17 		3
Gender							
Men	106 6	54 3	10 	20 	19 		
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	 8 17 19 30	 4 11 10 16 8	 3 4	 3 3 5 4 3	 3 8 3	 	
Race or Ethnic Origin⁵							
White, non-Hispanic. Black, non-Hispanic. Hispanic or Latino. American Indian or Alaska Native. Asian. Native Hawaiian or Pacific Islander.	6	49 4 4 	9 	19 	18 	 	4

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

categories shown exclude data for Hispanics and Latinos.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2007 are preliminary.

² Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

Includes violence by persons, self-inflicted injury, and attacks by animals.
 May include volunteers and workers receiving other types of compensation.

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

⁶ Persons identified as Hispanic or Latino may be of any race. The race

TABLE 2. Fatal occupational injuries by industry and event or exposure, Kentucky, 2007

					Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatalities (number)	Transpor- tation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total		112	57	10	21	19		4
Private Industry		104	51	9	20	19		4
Goods Producing		54	17	3	15	16		
Natural Resources and Mining		22	11		8			
Agriculture, Forestry, Fishing and Hunting	11	17	7		7			
Crop Production	111	8	5					
Animal Production		4						
Cattle Ranching and Farming	1121	3						
Forestry and Logging	113	5			5			
Logging	1133	5			5			
Logging	11331	5			5			
Mining ⁵	21	5	4					
Mining (except Oil and Gas)		5	4					
Coal Mining		5	4					
Coal Mining	21211	5	4					
Construction		22	3		6	12		
Construction	23	22	3	-	6	12		
Construction of buildings	236	3				3		
Heavy and Civil Engineering Construction.	I	3						
Specialty Trade Contractors	I	14			4	7		
Foundation, Structure, and Building Exterior Contractors	I	5				3		
Other Specialty Trade Contractors		4						
Site Preparation Contractors	23891	3						
Manufacturing		10	3			3		
Manufacturing	31-33	10	3			3		
Service providing	ĺ	50	34	6	5	3		
Trade, Transportation, and Utilities		33	26	3	3			
See footnotes at end of table	L	l		<u> </u>	L		1	

See footnotes at end of table.

TABLE 2. Fatal occupational injuries by industry and event or exposure, Kentucky, 2007 - continued

					Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatalities (number)	Transpor- tation incidents ³	Assaults and violent acts⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Retail Trade	. 44-45	7	4					
Transportation and Warehousing	48-49	25	22					
Truck Transportation		17 12	14 12					
General Freight Trucking		5	5					
General Freight Trucking, Local]]	7	I] [
General Freight Trucking, Long-Distance		(•					
Specialized Freight Trucking		4					-	
Specialized Freight (except Used Goods) Trucking, Local	48422	4						
Information		3	3					
Information	. 51	3	3					
Publishing Industries (Except Internet)	. 511	3	3					
Newspaper, Periodical, Book, and Directory Publishers		3	3					
Newspaper Publishers		3	3					
Financial Activities		3		3		***		
Professional and Business Services		8	5					
Administrative and Support and Waste Management and Remediation Services	. 56	7	4					
Administrative and Support Services	561	4	3					
		4	3					
Services to Buildings and Dwellings	1	🛴	3					
Landscaping Services		3	٠	I -	l			
Waste Management and Remediation Services	. 562	3		_				
Government ⁶		8	6					
Local Government		6	5	**				***
Service providing		5	4					
Public Administration		5	4					
Public Administration	. 92	5	4					
O feetuates at and of table	L	<u> </u>		<u> </u>	<u> </u>	L	1	

See footnotes at end of table.

TABLE 2. Fatal occupational injuries by industry and event or exposure, Kentucky, 2007 - continued

Industry ¹	NAICS code ¹	Total fatalities (number)	Event or exposure ²							
			Transpor- tation incidents ³	Assaults and violent acts⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions		
Justice, Public Order, and Safety Activities	9221	5 5 3	4 4 		 	 				

¹ Classified according to the North American Industry Classification System, 2002.

 $^{\rm 6}$ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2007 are preliminary.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

⁴ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁵ Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

TABLE 3. Fatal occupational injuries by event or exposure for all fatalities and major private industry 1 sector, Kentucky, 2007

Total	Total goods producing	Natural resources and mining ³	Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and	Informa-	Financial	Profes- sional and	Education	Leisure	
	54					utilities	tion	activities	business services	and health services	and hospitality	Other services
		22	22	10	50	33	3	3	8			-
Contact with objects and equipment	15	8	6		5	3						-
Struck by object or equipment	13	8	4		3	3						
Struck by falling object or equipment8	8	5	3							-	-	
Struck by flying object						 			-			
Struck by object or equipment, n.e.c												
Falls	16		12	3	3							
Fall to lower level	16		12	3								
Fall from ladder4	4		3									
Fall from nonmoving vehicle4	3											
Transportation accidents	17	11	3	3	34	26	3		5			
Highway accident	3				23	17	3		3			
Collision between vehicles, mobile equipment					7	5					-	
Moving in opposite directions, oncoming					4	3				- ا		
Vehicle struck object on side of road					9	7						
Noncollision accident8					7	5						
Jack-knifed or overturnedno collision					4	3						
Ran off highwayno collision					3							
Nonhighway accident, except rail, air, water	12	9										
Noncollision accident	9	7	_									
Overturned8	7	6							ļ	l		
Pedestrian, nonpassenger struck by vehicle,	· I	_							l			
mobile equipment]				4				l			-
Pedestrian struck by vehicle, mobile												
equipment on side of road] з							
Railway accident					4	4			_			
Collision between railway vehicle and other												
vehicle]
Fires and explosions												
Fireunintended or uncontrolled												
Assaults and violent acts	3				6	3		3				
Self-inflicted injury					l 6	3		3				
Suicide, attempted suicide					ة ا 6	3		3				

¹ Classified according to the North American Industry Classification System, 2002.

NOTE: 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." Data for 2007 are preliminary.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

TABLE 4. Fatal occupational injuries by event or exposure and age, Kentucky, 2007

	Total					Age				
Event or exposure ¹	fatalities (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
Total	112			_	8	17	19	30	18	19
Contact with objects and equipment	21					3	3	5	4	3
Struck by object or equipment	17						3	5	3	
Struck by falling object or equipment	8							3		
Struck by flying object										
Struck by object or equipment, n.e.c	3									
Falls	19					3		8		3
Fall to lower level	17					3		7		
Fail from ladder	4		·							
Fall from nonmoving vehicle	4									
Transportation accidents.	57				4	11	10	16	8	8
Highway accident						8	6	6	6	4
Collision between vehicles, mobile equipment						4				3
Moving in opposite directions, oncoming										
Vehicle struck object on side of road	10							3	3	
Noncollision accident	. 8									
Jack-knifed or overturnedno collision	5									
Ran off highwayno collision	3	·			***					
Nonhighway accident, except rail, air, water	13						3	3		_ ⊿
Noncollision accident	10									
Overturned	8				_					<u>،</u>
Pedestrian, nonpassenger struck by vehicle, mobile	J									
equipment	5									
Pedestrian struck by vehicle, mobile equipment	J									-
on side of road	3		_				_			
Railway accident								4		
Collision between railway vehicle and other	J									
vehicle	3									
Fires and explosions.	. 4									
Fireunintended or uncontrolled										
Assaults and violent acts.	10								9	, .
Self-inflicted injury	7									
Suicide, attempted suicide	7									

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

NOTE: 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." Data for 2007 are preliminary.

TABLE 5. Fatal occupational injuries by occupation and event or exposure, Kentucky, 2007

		Event or exposure ²								
Occupation ¹	Total fatalities (number)	Transportation incidents ³	Assaults and violent acts⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions			
Total	112	57	10	21	19		4			
Management occupations	15	7	4							
Other management occupations	13	6	3							
Agricultural managers	9	6					•			
Farmers and ranchers	8	5								
Construction managers] 3	.								
Protective service occupations	6	4								
Building and grounds cleaning and maintenance occupations		3								
Grounds maintenance workers		. 3								
Grounds maintenance workers		3					_			
Landscaping and groundskeeping workers		3								
Sales and related occupations.										
Office and administrative support occupations										
Material recording, scheduling, dispatching, and distributing workers										
Farming, fishing, and forestry occupations.				6						
Agricultural workers							•••			
Miscellaneous agricultural workers					-					
Forest, conservation, and logging workers				5			-			
Logging workers				5						
Fallers				5			_			
Construction and extraction occupations.		5		5	11		_			
Supervisors, construction and extraction workers							_			
Construction trades workers				5	9		_			
Construction laborers.	1			4	-		_			
Electricians	1				4		_			
Production occupations							_			
Transportation and material moving occupations.		32]	5	3		_			
Motor vehicle operators.		24	l	الم			_			
Driver/sales workers and truck drivers		1	B .	⊿			_			
Truck drivers, heavy and tractor-trailer.		17					_			
Truck drivers, light or delivery services.		3	l	3			_			
Material moving workers		3]							
Laborers and material movers, hand]				_			
Laborers and material movers, mand	······	I	L							

¹ Based on the 2000 Standard Occupational Classification System.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2007 are preliminary.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

⁴ Includes violence by persons, self-inflicted injury, and attacks by animals.

TABLE 6. Fatal occupational injuries by primary and secondary source of injury for all fatalities and by major private industry 1 sector, Kentucky, 2007

			Goods p	roducing					Service	providing			
Primary source and secondary source	Total fatalities (number)	Total goods producing	Natural resources and mining ²	Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and utilities	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Total	112	54	22	22	10	50	33	3	3	8			
Primary Source ³													
Machinery. Material handling machinery. Parts and materials Persons, plants, animals, and minerals Plants, trees, vegetation—not processed. Trees, logs Structures and surfaces Floors, walkways, ground surfaces Floors Floor of building Ground Vehicles Highway vehicle, motorized Automobile Truck. Truck. Truck, unspecified Dump truck Pickup truck Pickup truck Semitrailer, tractor trailer, trailer truck Truck, n.e.c. Offroad vehicle, nonindustrial. All terrain vehicle (ATV). Plant and industrial powered vehicles, tractors Tractor. Other sources Ammunition Bullets Atmospheric and environmental conditions Fire, flame., smoke Fire, flame.	3 3 7 7 5 21 18 8 6 61 44 31 30 45 33 12 43 33 12 44 33 32 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 45 33 33 45 33 33 45 33 33 45 33 33 33 33 34 34 35 35 36 37 37 38	5 19 16 8 6 7 16 5 5 		4 3 	333333333333333333333333333333333333333								
Secondary Source ⁴													
Machinery Parts and materials See footnotes at end of table.		3											

See footnotes at end of table.

TABLE 6. Fatal occupational injuries by primary and secondary source of injury for all fatalities and by major private industry 1 sector, Kentucky, 2007 - continued

			Goods p	roducing					Service	providing			
Primary source and secondary source	Total fatalities (number)	Total goods producing		Construc- tion	Manufac- turing	Total service providing	Trade, transpor- tation, and utilities	Informa- tion	Financial activities	Profes- sional and business services	Education and health services	Leisure and hospitality	Other services
Persons, plants, animals, and minerals	6	4	3										
Plants, trees, vegetationnot processed	4	3	-										
Trees, logs	4	3											
Structures and surfaces	18	8		5		10	7						
Floors, walkways, ground surfaces	3	3											
Structures	13	4				9	6	-	-				
Bridges, dams, locks	3												
Other structures	4					4							
Guardrails, road dividers						4						-	
Tools, instruments, and equipment		5		4							-		
Ladders		4		. 3							-		
Vehicles	22	6	3			12	10				-		
Highway vehicle, motorized	14] 3			-	7	5						
Automobile	3										-		
Truck Semitrailer, tractor trailer,	11					5	4						
trailer truck	6					4	4			-	-		
Plant and industrial powered vehicles, tractors	3							-		-	-		
Forklift	3							-		- ا	-		
Rail vehicle	5					4	4						
Train	5					4	4						
Other sources	6					4	3						
Atmospheric and environmental conditions	5					4	3						
Weather and atmospheric conditions	5					4	3						
Rain	3												

¹ Classified according to the North American Industry Classification System, 2002.

For most homicides, the "bullet" is the primary source and the "perpetrator" is the secondary source. For most falls, the secondary source identifies the equipment or surface from which the worker fell.

NOTE: 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." Data for 2007 are preliminary.

² Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

³ The primary source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury. For most transportation incidents, the primary source identifies the vehicle in which the deceased was an occupant. For most falls, the primary source identifies the surface or object contacted.

⁴ The secondary source of injury, if any, identifies the object, substance, or person that generated the source of injury or that contributed to the event or exposure. For vehicle collisions, the deceased's vehicle is the primary source and the other object (truck, road divider, etc.) is the secondary source.

TABLE 7. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Kentucky, 2007

Total	Number	Percent	Number	D		r		
Total	112		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Percent	Number	Percent	Number	Percent
		100.0	82	100.0	8	100.0	22	100.0
Goods Producing	55	49.1	39	47.6			15	68.2
Natural Resources and Mining	22	19.6	11	13.4			11	50.0
Agriculture, Forestry, Fishing and Hunting	17	15.2	6	7.3			11	50.0
p Production		7.1	3	3.7			5	22.7
mal Production		3.6	-				3	13.6
Cattle Ranching and Farming		2.7				- 1	3	13.6
estry and Logging		4.5		-	-	- !	3	13.6
Logging		4.5				-	3	13.6
Logging		4.5					3	13.6
Mining⁵	5	4.5	5	6.1				
ing (except Oil and Gas)	5	4.5	5	6.1				
Coal Mining	5	4.5	5	6.1				-
Coal Mining	5	4.5	5	6.1				
Construction	23	20.5	18	22.0			4	18.2
Construction	23	20.5	18	22.0			4	18.2
nstruction of buildings	з	2.7						-
avy and Civil Engineering Construction	4	3.6	3	3.7				
ecialty Trade Contractors	14	12.5	12	14.6				-
Foundation, Structure, and Building Exterior Contractors	5	4.5	5	6.1				
Other Specialty Trade Contractors		3.6	3	3.7				-
Site Preparation Contractors	3	2.7					444	-
Manufacturing	10	8.9	10	12.2				-
Manufacturing	10	8.9	10	12.2	-			-
Service providing	57	50.9	43	52.4	7	87.5	7	31.8
Trade, Transportation, and Utilities	33	29.5	29	35,4			4	18.2
Retail Trade	7	6.3	6	7.3				-
Transportation and Warehousing	25	22.3	22	26.8			3	. 13.6

TABLE 7. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Kentucky, 2007 - Continued

Industry ¹	Fata	lities	Private sect salary v	or wage and vorkers ²	Governme	nt workers ³	Self-employed workers ⁴	
·	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Truck Transportation	17	15.2	16	19.5				
General Freight Trucking		10.7	11	13.4				
General Freight Trucking, Local		4.5	4	4.9				***
General Freight Trucking, Long-Distance		6.3	7	8.5				
Specialized Freight Trucking		3.6	4	4.9				
Specialized Freight (except Used Goods) Trucking, Local		3.6	4	4.9				
Information	3	2.7	3	3.7				
Information	3	2.7	3	3.7	***			
Publishing Industries (Except Internet)		2.7	3	3.7				
Newspaper, Periodical, Book, and Directory Publishers	3	2.7	3	3.7				***
Newspaper Publishers	3	2.7	3	3.7				
Financial Activities	3	2.7						
Professional and Business Services	8	7.1	7	8.5				
Administrative and Support and Waste Management and Remediation Services	7	6.3	6	7.3				
Administrative and Support Services	4	3.6	4	4.9				
Services to Buildings and Dwellings		3.6	4	4.9				
Landscaping Services	4	3.6	4	4.9				
Waste Management and Remediation Services		2.7	-					•••
Public Administration	7	6.3			7	87.5		
Public Administration	7	6.3			7	87.5		
Justice, Public Order, and Safety Activities		4.5			5	62.5		
Justice, Public Order, and Safety Activities	5	4.5			5	62.5		
Police Protection	3	2.7			3	37.5		

¹ Classified according to the North American Industry Classification System, 2002.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2007 are preliminary.

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

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

⁴ 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 fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

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