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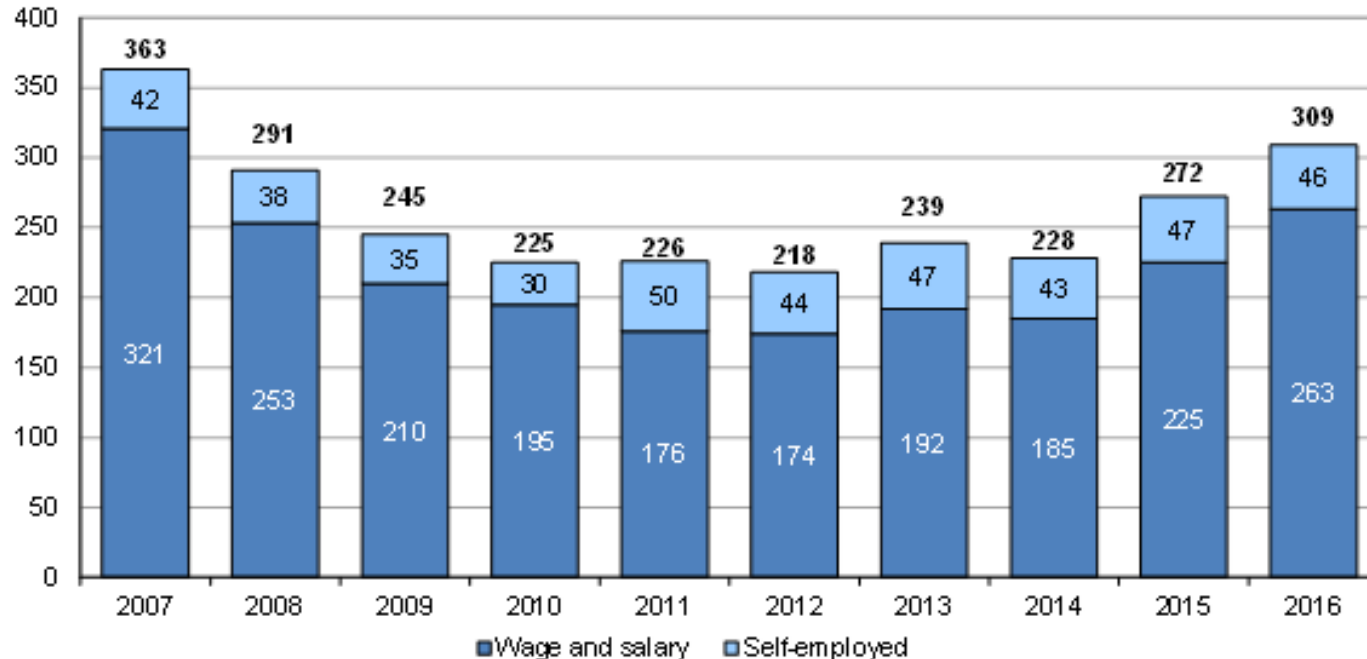
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### Fatal Occupational Injuries In Florida – 2016

Fatal work injuries totaled 309 in 2016 for Florida, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Janet S. Rankin noted that the number of work-related fatalities in Florida was up from 272 in the previous year and the first time since 2007 that more than 300 fatalities have been recorded. Fatal occupational injuries in the state have ranged from a high of 422 in 2004 to a low of 218 in 2012. (See [chart 1.](#))

Nationwide, a total of 5,190 fatal work injuries were recorded in 2016, a 7-percent increase from the 4,836 fatal injuries in 2015, according to the results from the Census of Fatal Occupational Injuries (CFOI) program. This was the third consecutive increase in annual workplace fatalities and the first time more than 5,000 fatalities have been recorded since 2008.

**Chart 1. Total fatal occupational injuries, Florida, 2007–2016**



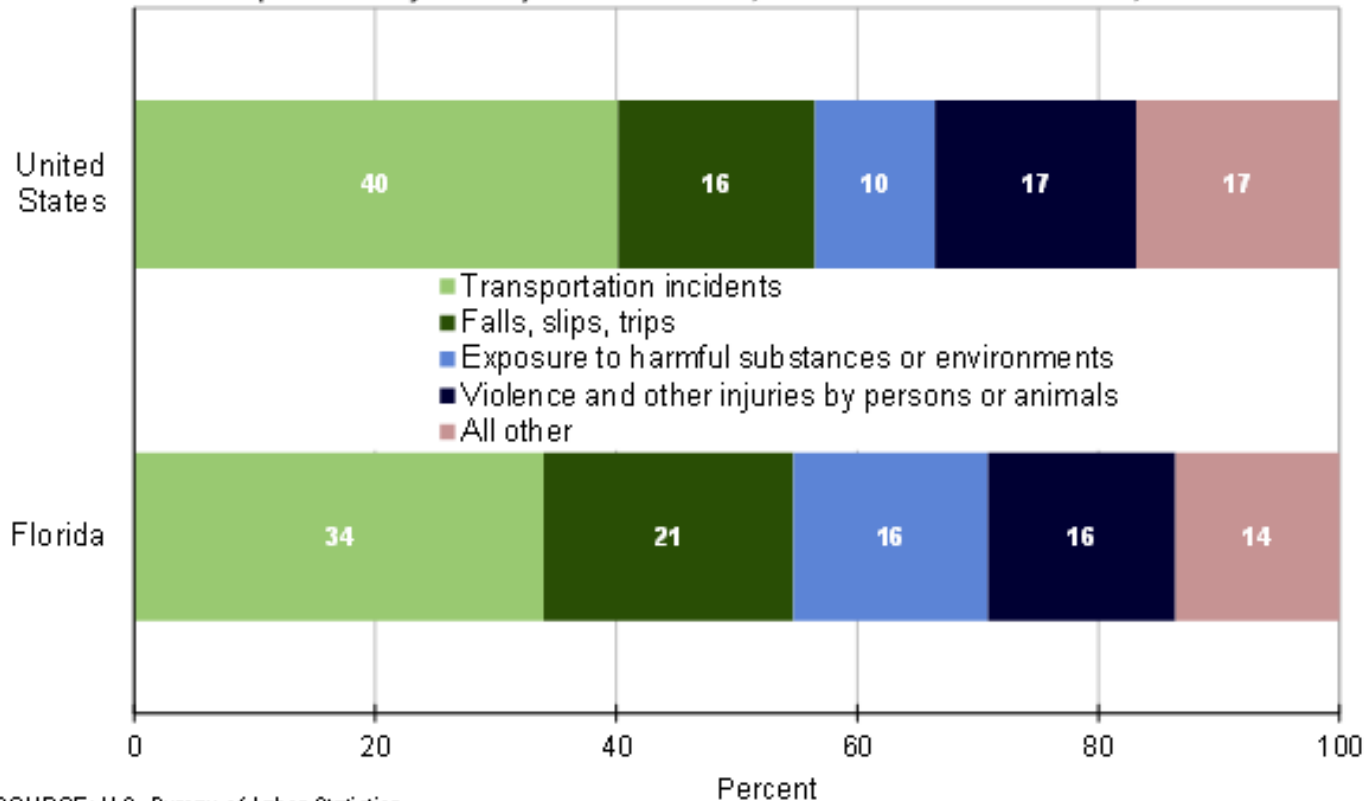
SOURCE: U.S. Bureau of Labor Statistics.

## Type of incident

In Florida, transportation incidents resulted in 105 fatal work injuries and falls, slips, or trips accounted for 64 fatalities. These two major categories accounted for 55 percent of all workplace fatalities in Florida. (See [table 1](#).) The number of worker deaths from transportation incidents was down from 127 over the year; worker fatalities due to falls, slips, or trips were up from 52. Exposure to harmful substances or environments was the third-most frequent fatal work event with 50 fatalities, up from 21 in 2015.

Nationally, transportation incidents were the most frequent fatal workplace event in 2016, accounting for 40 percent of fatal work injuries. (See [chart 2](#).) Violence and other injuries by persons or animals was the second-most common fatal event (17 percent), followed by falls, slips, or trips (16 percent).

Chart 2. Fatal occupational injuries by selected event, United States and Florida, 2016



## Industry

The private construction industry sector had the largest number of fatalities in Florida with 76, up from 66 in the previous year. (See [table 2](#).) Specialty trade contracting accounted for 61, or 80 percent, of the fatal injuries in this industry.

The private administrative and waste services industry sector had 48 workplace fatalities, up from 37 in the previous year. Thirty-seven, or 77 percent, of those fatally injured in this sector worked in services to buildings and dwellings.

## Occupation

Construction and extraction occupations and transportation and material moving occupations had the highest number of workplace fatalities with 68 and 65, respectively. (See [table 3](#).) Roofers accounted for 11 of the 68 workplace fatalities within the construction and extraction group. Heavy and tractor-trailer truck drivers accounted for 34 of the 65 fatalities in the transportation and material moving group.

## Additional highlights

- Men accounted for 90 percent of the work-related fatalities in Florida, compared to the 93-percent national share. (See [table 4](#).) Transportation incidents made up 36 percent of the fatalities for men in Florida.
- White non-Hispanics accounted for 53 percent of those who died from a workplace injury. Nationwide, this group accounted for 67 percent of work-related deaths.
- Workers 25-54 years old accounted for 59 percent of the state's work-related fatalities in 2016, compared to 57 percent of on-the-job fatalities nationally.
- Of the 309 fatally-injured workers in Florida, 85 percent worked for wages and salaries; the remainder were self-employed. The most frequent fatal event for wage and salary workers was transportation incidents; for the self-employed, exposure to harmful substances or environments was the most frequent event.

## Technical Note

**Background of the program.** The Census of Fatal Occupational Injuries (CFOI), part of the BLS Occupational Safety and Health Statistics (OSHS) program, compiles a count of all fatal work injuries occurring in the U.S. during the calendar year. The CFOI program uses diverse state, federal, and independent data sources to identify, verify, and describe fatal work injuries. This ensures counts are as complete and accurate as possible. For the 2016 national data, over 23,300 unique source documents were reviewed as part of the data collection process. For the Florida 2016 data, 1,161 unique source documents were reviewed. For technical information and definitions for CFOI, please go to the BLS Handbook of Methods on the BLS web site at [www.bls.gov/opub/hom/cfoi/home.htm](http://www.bls.gov/opub/hom/cfoi/home.htm).

**Federal/State agency coverage.** The Census of Fatal Occupational Injuries includes data for all fatal work injuries, whether the decedent was working in a job covered by the Occupational Safety and Health Administration (OSHA) or other federal or state agencies or was outside the scope of regulatory coverage. Thus, any comparison between the BLS fatality census counts and those released by other agencies should take into account the different coverage requirements and definitions being used by each agency.

**Acknowledgments.** . BLS thanks the Florida Department of Economic Opportunity for their efforts in collecting accurate, comprehensive, and useful data on fatal work injuries. BLS also appreciates the efforts of all federal, state, local, and private sector entities that provided source documents used to identify fatal work injuries. Among these agencies are the Occupational Safety and Health Administration; the National Transportation Safety Board; the U.S. Coast Guard; the Mine Safety and Health Administration; the Office of Workers' Compensation Programs (Federal Employees' Compensation and Longshore and Harbor Workers' Compensation divisions); the Federal Railroad Administration; the National Highway Traffic Safety Administration; state vital statistics registrars, coroners, and medical examiners; state departments of health, labor, and industrial relations and workers' compensation agencies; state and local police departments; and state farm bureaus.

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**Table 1. Fatal occupational injuries by event or exposure, Florida, 2015–16**

Event or exposure <sup>(1)</sup>	2015	2016	
	Number	Number	Percent
Total.....	272	309	100
Violence and other injuries by persons or animals.....	39	48	16
Intentional injury by person.....	36	45	15
Homicides (Intentional injury by other person).....	23	28	9
Suicides (Self-inflicted injury--intentional).....	13	17	6
Injury by person--unintentional or intent unknown.....	1	2	1
Injury by other person--unintentional or intent unknown.....	1	2	1
Animal and insect related incidents.....	--	1	0
Struck by animal.....	--	1	0
Transportation incidents.....	127	105	34
Aircraft incidents.....	25	4	1
Other in-flight crash.....	18	3	1
Pedestrian vehicular incident.....	24	26	8
Pedestrian struck by vehicle in work zone.....	6	7	2
Pedestrian struck by vehicle in roadway.....	8	3	1
Pedestrian struck by vehicle on side of road.....	--	6	2
Pedestrian struck by vehicle in nonroadway area.....	8	9	3
Roadway incidents involving motorized land vehicle.....	61	62	20
Roadway collision with other vehicle.....	39	43	14
Roadway collision with object other than vehicle.....	15	7	2
Roadway noncollision incident.....	6	12	4
Nonroadway incident involving motorized land vehicles.....	10	12	4
Nonroadway noncollision incident.....	5	10	3
Fires and explosions.....	--	9	3
Explosions.....	--	7	2
Falls, slips, trips.....	52	64	21
Falls on same level.....	11	10	3
Falls to lower level.....	40	54	17
Fall from collapsing structure or equipment.....	--	5	2
Fall through surface or existing opening.....	9	10	3
Other fall to lower level.....	29	39	13
Exposure to harmful substances or environments.....	21	50	16
Exposure to electricity.....	14	23	7
Direct exposure to electricity.....	11	10	3
Indirect exposure to electricity.....	3	13	4
Exposure to temperature extremes.....	--	4	1
Exposure to environmental heat.....	--	4	1
Exposure to other harmful substances.....	4	21	7
Nonmedical use of drugs or alcohol--unintentional overdose.....	4	17	6
Contact with objects and equipment.....	28	33	11
Struck by object or equipment.....	24	21	7
Struck by powered vehicle--nontransport.....	11	10	3
Struck by rolling object or equipment--other than powered vehicle.....	--	1	0
Struck by falling object or equipment--other than powered vehicle.....	10	7	2
Caught in or compressed by equipment or objects.....	3	8	3
Caught in running equipment or machinery.....	--	8	3
Struck, caught, or crushed in collapsing structure, equipment, or material.....	--	3	1
Struck, caught, or crushed in other collapsing structure or equipment.....	--	2	1
Engulfment in other collapsing material.....	--	1	0

**Footnotes:**

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

NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.

**Table 2. Fatal occupational injuries by industry, Florida, 2015–16**

Industry <sup>(1)</sup>	2015	2016	
	Number	Number	Percent
Total .....	272	309	100
Private industry .....	243	286	93
Natural resources and mining .....	15	17	6
Agriculture, forestry, fishing and hunting .....	14	17	6
Crop production .....	7	9	3
Animal production and aquaculture .....	1	3	1
Support activities for agriculture and forestry .....	3	3	1
Construction .....	66	76	25
Construction of buildings .....	4	3	1
Residential building construction .....	--	3	1
Heavy and civil engineering construction .....	13	11	4
Utility system construction .....	6	--	--
Highway, street, and bridge construction .....	5	8	3
Specialty trade contractors .....	47	61	20
Foundation, structure, and building exterior contractors .....	20	21	7
Building equipment contractors .....	16	13	4
Building finishing contractors .....	7	18	6
Other specialty trade contractors .....	3	9	3
Manufacturing .....	12	14	5
Chemical manufacturing .....	--	5	2
Nonmetallic mineral product manufacturing .....	--	2	1
Machinery manufacturing .....	--	1	0
Electrical equipment, appliance, and component manufacturing .....	--	2	1
Miscellaneous manufacturing .....	--	1	0
Trade, transportation, and utilities .....	71	68	22
Utilities .....	1	2	1
Wholesale trade .....	11	10	3
Merchant wholesalers, durable goods .....	5	5	2
Merchant wholesalers, nondurable goods .....	6	5	2
Retail trade .....	22	19	6
Motor vehicle and parts dealers .....	3	3	1
Automobile dealers .....	--	3	1
Food and beverage stores .....	12	6	2
Grocery stores .....	10	5	2
Gasoline stations .....	2	4	1
Transportation and warehousing .....	38	37	12
Truck transportation .....	24	18	6
General freight trucking .....	15	10	3
Specialized freight trucking .....	9	8	3
Transit and ground passenger transportation .....	4	5	2
Taxi and limousine service .....	--	5	2
Support activities for transportation .....	3	11	4
Information .....	--	6	2
Telecommunications .....	--	5	2
Wired telecommunications carriers .....	--	4	1
Wireless telecommunications carriers (except satellite) .....	--	1	0
Financial activities .....	5	7	2
Real estate and rental and leasing .....	3	7	2
Real estate .....	3	5	2
Professional and business services .....	43	53	17
Professional and technical services .....	6	5	2
Professional, scientific, and technical services .....	6	5	2
Administrative and waste services .....	37	48	16
Administrative and support services .....	32	46	15
Employment services .....	3	4	1
Services to buildings and dwellings .....	24	37	12

Note: See footnotes at end of table.

**Table 2. Fatal occupational injuries by industry, Florida, 2015–16 - Continued**

Industry <sup>(1)</sup>	2015	2016	
	Number	Number	Percent
Other support services .....	--	2	1
Waste management and remediation services .....	5	2	1
Educational and health services.....	5	11	4
Educational services .....	2	4	1
Colleges, universities, and professional schools.....	1	2	1
Other schools and instruction.....	1	1	0
Health care and social assistance.....	3	7	2
Ambulatory health care services .....	--	3	1
Hospitals.....	--	1	0
Leisure and hospitality.....	19	21	7
Arts, entertainment, and recreation .....	4	6	2
Museums, historical sites, and similar institutions.....	--	1	0
Amusement, gambling, and recreation industries .....	3	4	1
Amusement parks and arcades.....	1	2	1
Accommodation and food services .....	15	15	5
Food services and drinking places.....	13	14	5
Restaurants and other eating places.....	9	11	4
Other services, except public administration.....	6	12	4
Repair and maintenance .....	4	8	3
Automotive repair and maintenance.....	--	5	2
Commercial machinery repair and maintenance.....	--	3	1
Personal and laundry services .....	1	4	1
Government <sup>(2)</sup> .....	29	23	7
Federal government .....	16	1	0
State government .....	3	4	1
Local government.....	10	18	6

**Footnotes:**

(1) Industry data are based on the North American Industry Classification System, 2012.

(2) Includes fatal injuries to workers employed by governmental organizations regardless of industry.

NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.

**Table 3. Fatal occupational injuries by occupation, Florida, 2015–16**

Occupation <sup>(1)</sup>	2015	2016	
	Number	Number	Percent
Total .....	272	309	100
Management occupations .....	8	7	2
Other management occupations .....	5	5	2
Farmers, ranchers, and other agricultural managers .....	--	4	1
Business and financial operations occupations .....	3	--	--
Computer and mathematical occupations .....	--	--	--
Architecture and engineering occupations .....	1	--	--
Life, physical, and social science occupations .....	--	1	0
Life scientists .....	--	1	0
Community and social service occupations .....	--	--	--
Counselors, social workers, and other community and social service specialists .....	--	1	0
Legal occupations .....	--	--	--
Education, training, and library occupations .....	--	3	1
Arts, design, entertainment, sports, and media occupations .....	--	3	1
Entertainers and performers, sports and related workers .....	1	--	--
Musicians, singers, and related workers .....	--	1	0
Healthcare practitioners and technical occupations .....	--	3	1
Healthcare support occupations .....	--	--	--
Protective service occupations .....	8	14	5
Supervisors of protective service workers .....	--	1	0
Law enforcement workers .....	3	6	2
Detectives and criminal investigators .....	--	1	0
Police officers .....	2	5	2
Police and sheriff's patrol officers .....	2	5	2
Other protective service workers .....	5	7	2
Security guards and gaming surveillance officers .....	5	5	2
Security guards .....	5	5	2
Food preparation and serving related occupations .....	6	5	2
Building and grounds cleaning and maintenance occupations .....	26	43	14
Supervisors of building and grounds cleaning and maintenance workers .....	5	7	2
First-line supervisors of building and grounds cleaning and maintenance workers .....	5	7	2
Building cleaning and pest control workers .....	5	6	2
Building cleaning workers .....	4	6	2
Grounds maintenance workers .....	16	30	10
Landscaping and groundskeeping workers .....	8	17	6
Tree trimmers and pruners .....	8	13	4
Personal care and service occupations .....	--	7	2
Animal care and service workers .....	--	1	0
Personal appearance workers .....	--	3	1
Barbers, hairdressers, hairstylists and cosmetologists .....	--	3	1
Sales and related occupations .....	16	21	7
Supervisors of sales workers .....	4	8	3
First-line supervisors of sales workers .....	4	8	3
Retail sales workers .....	9	10	3
Cashiers .....	9	7	2
Office and administrative support occupations .....	6	6	2
Farming, fishing, and forestry occupations .....	12	12	4
Agricultural workers .....	10	10	3
Miscellaneous agricultural workers .....	10	9	3
Farmworkers and laborers, crop, nursery, and greenhouse .....	9	7	2
Construction and extraction occupations .....	56	68	22
Supervisors of construction and extraction workers .....	4	5	2
First-line supervisors of construction trades and extraction workers .....	4	5	2
Construction trades workers .....	50	57	18
Carpenters .....	4	9	3
Construction laborers .....	14	10	3

Note: See footnotes at end of table.

**Table 3. Fatal occupational injuries by occupation, Florida, 2015–16 - Continued**

Occupation <sup>(1)</sup>	2015	2016	
	Number	Number	Percent
Construction equipment operators .....	--	6	2
Electricians .....	13	8	3
Painters and paperhangers .....	4	6	2
Roofers .....	5	11	4
Other construction and related workers .....	--	5	2
Installation, maintenance, and repair occupations .....	31	31	10
Supervisors of installation, maintenance, and repair workers .....	4	3	1
First-line supervisors of mechanics, installers, and repairers .....	4	3	1
Electrical and electronic equipment mechanics, installers, and repairers .....	--	3	1
Vehicle and mobile equipment mechanics, installers, and repairers .....	9	6	2
Other installation, maintenance, and repair occupations .....	16	19	6
Production occupations .....	6	12	4
Metal workers and plastic workers .....	--	4	1
Welding, soldering, and brazing workers .....	--	3	1
Other production occupations .....	--	4	1
Transportation and material moving occupations .....	70	65	21
Air transportation workers .....	7	2	1
Aircraft pilots and flight engineers .....	7	2	1
Commercial pilots .....	4	2	1
Motor vehicle operators .....	52	49	16
Driver/sales workers and truck drivers .....	48	43	14
Driver/sales workers .....	4	6	2
Heavy and tractor-trailer truck drivers .....	37	34	11
Light truck or delivery services drivers .....	7	3	1
Taxi drivers and chauffeurs .....	4	6	2
Taxi drivers and chauffeurs .....	4	6	2
Material moving workers .....	8	12	4
Crane and tower operators .....	--	1	0
Industrial truck and tractor operators .....	--	4	1
Laborers and material movers, hand .....	3	5	2
Pumping station operators .....	--	1	0
Military specific occupations <sup>(2)</sup> .....	--	--	--

**Footnotes:**

(1) Occupation data are based on the Standard Occupational Classification system, 2010.

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

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



**Table 4. Fatal occupational injuries by selected demographic characteristics, Florida, 2015–16**

Worker characteristics	2015	2016	
	Number	Number	Percent
Total .....	272	309	100
<b>Employee status</b>			
Wage and salary workers <sup>(1)</sup> .....	225	263	85
Self-employed <sup>(2)</sup> .....	47	46	15
<b>Gender</b>			
Men .....	255	279	90
Women .....	17	30	10
<b>Age <sup>(3)</sup></b>			
20 to 24 years .....	10	21	7
25 to 34 years .....	57	46	15
35 to 44 years .....	51	58	19
45 to 54 years .....	50	77	25
55 to 64 years .....	58	74	24
65 years and over .....	41	32	10
<b>Race or ethnic origin <sup>(4)</sup></b>			
White, non-Hispanic .....	151	165	53
Black or African-American, non-Hispanic .....	37	44	14
Hispanic or Latino .....	78	91	29
Asian, non-Hispanic .....	4	8	3

## Footnotes:

(1) May include volunteers and workers receiving other types of compensation.

(2) 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.

(3) Information may not be available for all age groups.

(4) Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude Hispanic and Latino workers.

NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.