

INDUSTRIAL COMMISSION OF ARIZONA



ARIZONA 2013 CENSUS OF FATAL OCCUPATIONAL INJURIES

Research & Statistics Division

Published April 2015

INTRODUCTION

The Census of Fatal Occupational Injuries (CFOI) is conducted by the Industrial Commission of Arizona, Research and Statistics Division, in cooperation with the U.S. Department of Labor, and the Bureau of Labor Statistics (BLS).

The CFOI covers all fatal injuries determined to be work-related according to the CFOI criteria, regardless of industry or regulatory coverage of the establishment. Each fatality must be substantiated by two independent sources or a source document and a follow-up questionnaire. Source documents can include death certificates, workers' compensation reports, newspaper articles, and medical examiners' reports. Federal agencies, such as the Occupational Safety and Health Administration, Employment Standards Administration, and Mine Safety and Health Administration may also provide data. Overall, the states are responsible for data collection, follow-up, and coding. Approximately 20 data elements, including certain characteristics of the fatally injured person (such as gender, race, and age) are coded for CFOI according to standard instructions.

This is the twenty-second year that CFOI data has been collected by all 50 states and the District of Columbia. This information can be used to identify hazardous industries, occupations and activities where fatalities have occurred. It may also assist the identified industries to seek out safer workplace practices that may reduce the type of fatalities listed.

HIGHLIGHTS OF 2013 RESULTS

The number of work-related deaths in Arizona increased from 60 in 2012 to 95 in 2013, an increase of fifteen percent. The Arizona fatality rate has increased from 2.43 deaths in 2012 to 3.58 in 2013 for every 100,000 workers in the state's workforce.

Specified in more detail below, the data identifies *Violence and Other Injuries by Persons or Animals* as the major cause of work-related fatalities, primarily *Homicides*. The other leading cause of Arizona work-related fatalities in 2013 was *Transportation Incidents*, primarily *Roadway Incidents Involving Motorized Land Vehicles*.

1. **Violence and Other Injuries by Persons or Animals** was the leading cause of work-related fatalities, accounting for 26 percent of Arizona's 95 occupational fatalities during 2013. Twelve of these fatalities were classified as *Shooting by Other Person - Intentional*.
2. **Transportation Incidents** was the second leading cause of occupational deaths in Arizona which resulted in 24 fatalities. Of Arizona's 24 transportation-related occupational deaths in 2013, six were reported as *Roadway Collision with Other Vehicle*, three resulted from *Roadway Collision – Moving in Same Direction*, and another three resulted from *Pedestrian – Vehicular Incident*. Aircraft Incidents accounted for 11 percent of all occupational fatalities in 2013 (compared to 11 percent in 2012). Aircraft Incidents include all aircraft that are used for business travel or for transporting work-related supplies.
3. **Fires and Explosions** was the third leading cause of worker deaths in Arizona. *Forest or Brush Fire* resulted in nineteen fatalities.

Work-related Fatalities by Worker Characteristics

- By Gender: Men accounted for 90 of the 95 worker fatalities in 2013.
- By Race/Ethnicity: White (non-Hispanic): 56 fatalities
Hispanic: 25 fatalities
Black or African American: 3 fatalities
American Indian or Alaska Native: 3 fatalities
- By Age: Workers in the 25 to 34 year-old age group experienced the highest number of fatalities with a total of 23 deaths.

Work-related Fatalities by Industry

- Public Administration: 21 fatalities
- Trade, transportation and utilities industry: 17 fatalities
- Construction industry: 13 fatalities

Work-related Fatalities by Occupation

- Protective service occupations experienced the highest number of fatalities with 25.
- Transportation and material moving occupations experienced 16 fatalities.
- Installation, maintenance and repair occupations experienced 9 fatalities.

The following graphs and tables provide additional information related to the CFOI and may be viewed and downloaded at http://www.azica.gov/ADOSH/ADOSH_Research_Statistics.aspx:

Fatal Injury Graphs (Set I and II),
Fatal Injury Data (Tables A1 through A9)

National statistics can be obtained via the Bureau of Labor Statistics website at <http://www.bls.gov/iif/>.

The Arizona Census of Fatal Occupational Injuries is a cooperative effort with the U.S. Department of Labor's Bureau of Labor Statistics, which recently released its 2013 National Census of Fatal Occupational Injuries. The data provided in this summary is final data for collection year 2013.