

# WORKPLACE ELECTRICAL FATALITIES 2011 - 2023

electrical **safety**  
FOUNDATION INTERNATIONAL

In 2025, the Electrical Safety Foundation International (ESFI) compiled data from the **U.S. Bureau of Labor Statistics** (BLS) and the **Occupational Safety and Health Administration** (OSHA) to track **electrical safety trends in the workplace**. ESFI found that **certain demographics and occupations** are more prone to **electrical incidents in the workplace**.

## ELECTRICAL SAFETY IN THE WORKPLACE



Contact with electricity is one of the leading causes of **fatalities in the workplace**

**150**

...workplace **electrical fatalities** occur on average **every year** according to the BLS

**5.6%**

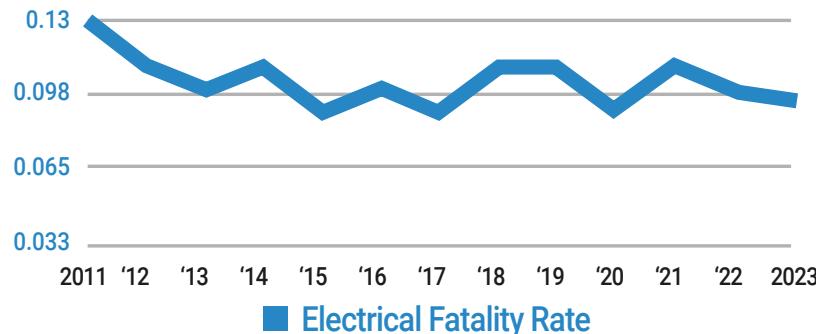
**74%** ...of workplace electrical fatalities occurred in **non-electrical occupations** according to OSHA

...of all workplace fatalities were **caused by contact with electricity**

## ELECTRICAL FATALITY RATES

### Electrical Fatality Rate per 100,000 Workers

Bureau of Labor Statistics



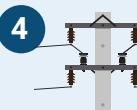
Electrical fatality rates have **remained consistent year over year**. More needs to be done to **reduce the amount of electrical fatalities in the workplace**

Hispanic or Latino workers **have the highest rate of electrical fatalities** and experience a **disproportional amount of electrical fatalities**

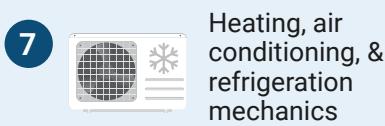
Construction and extraction occupations; installation, maintenance, and repair occupations; and building and grounds cleaning and maintenance occupation **have the highest rate of electrical fatalities**

## ELECTRICAL FATALITY BY OCCUPATION

**10** ...occupations accounted for **over 58% of workplace electrical fatalities**



**3** Construction laborers  
**4** Electrical power installers & repairers



**7** Heating, air conditioning, & refrigeration mechanics  
**8** Roofers



**1** Electricians



**2** Laborers, except construction



**5** Tree trimming occupations



**6** Electricians' apprentices



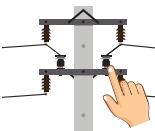
**9** Heavy truck drivers



**10** Painters in construction or maintenance

## ELECTRICAL FATALITY CAUSES

**91%** of all of workplace fatalities were caused by the following



Overhead power line contact **48.2%**



Unexpected contact with electricity **19.3%**



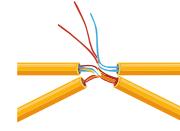
Nearby energized equipment contact **12.7%**



Working on energized parts **4.1%**



Ground-faults **4.0%**



Damaged wiring or equipment **3.1%**