

# MACSC Injury Trends



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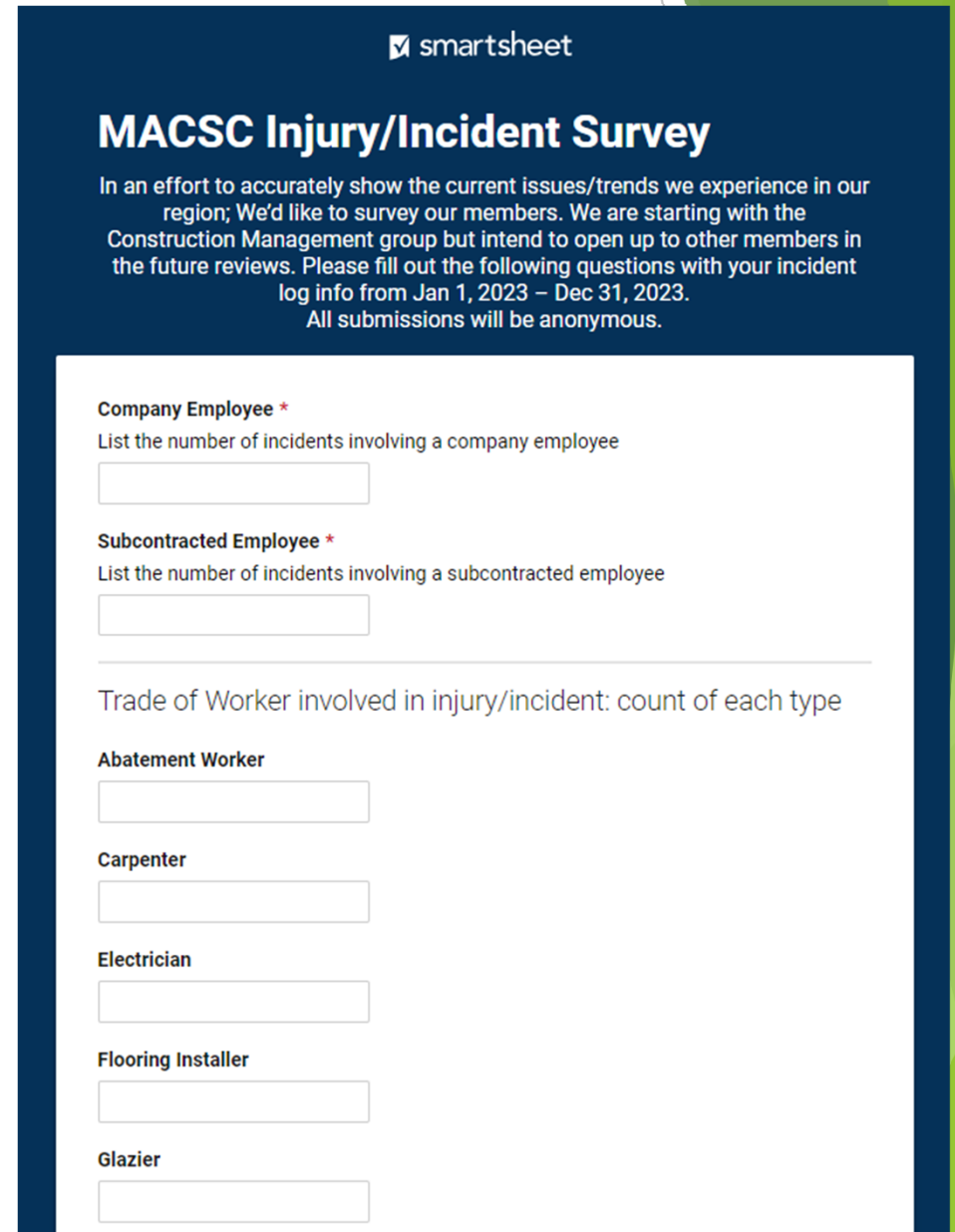
# Background/Intention

- ▶ After reviewing the USA Trends from the BLS & OSHA reviews; we wanted to see how we as a council stood up to those trends.

*In an effort to accurately show the current issues/trends we experience in our region; We'd like to survey our members. We are starting with the Construction Management group but intend to open up to other members in the future reviews. Please fill out the following questions with your incident log info from Jan 1, 2023 - Dec 31, 2023. All submissions will be anonymous.*

# Process

- ▶ Utilized SmartSheets to survey the CM Subcommittee as the initial subjects
- ▶ All submissions done anonymously.



The image shows a screenshot of a SmartSheet survey form. At the top right, the SmartSheet logo is visible. The survey title is 'MACSC Injury/Incident Survey'. Below the title, there is an introductory paragraph: 'In an effort to accurately show the current issues/trends we experience in our region; We'd like to survey our members. We are starting with the Construction Management group but intend to open up to other members in the future reviews. Please fill out the following questions with your incident log info from Jan 1, 2023 – Dec 31, 2023. All submissions will be anonymous.' The form contains several input fields: 'Company Employee \*' with a subtext 'List the number of incidents involving a company employee' and an empty text box; 'Subcontracted Employee \*' with a subtext 'List the number of incidents involving a subcontracted employee' and an empty text box; a horizontal line; 'Trade of Worker involved in injury/incident: count of each type'; 'Abatement Worker' with an empty text box; 'Carpenter' with an empty text box; 'Electrician' with an empty text box; 'Flooring Installer' with an empty text box; and 'Glazier' with an empty text box.

smartsheet

## MACSC Injury/Incident Survey

In an effort to accurately show the current issues/trends we experience in our region; We'd like to survey our members. We are starting with the Construction Management group but intend to open up to other members in the future reviews. Please fill out the following questions with your incident log info from Jan 1, 2023 – Dec 31, 2023. All submissions will be anonymous.

**Company Employee \***  
List the number of incidents involving a company employee

**Subcontracted Employee \***  
List the number of incidents involving a subcontracted employee

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Trade of Worker involved in injury/incident: count of each type

**Abatement Worker**

**Carpenter**

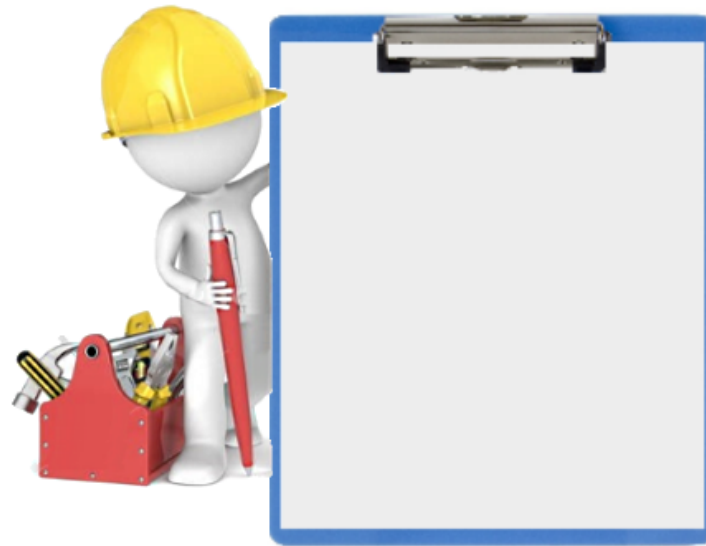
**Electrician**

**Flooring Installer**

**Glazier**

# Data surveyed/submitted

- ▶ Type of worker injured
  - ▶ Company Employee or Subcontracted Employee
- ▶ Trade of Worker involved in injury/incident
- ▶ Incident Type
- ▶ Body Part Involved
- ▶ Injury Classification



# OSHA's Top 10 Most-Cited Safety Violations of 2023

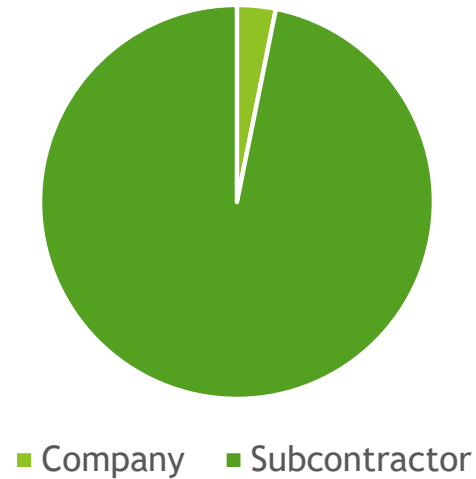
Standard (Standard Number) - Violations

- ▶ Fall Protection - General Requirements (1926.501) - 7,271
- ▶ Hazard Communication (1910.1200) - 3,213
- ▶ Ladders (1926.1053) - 2,978
- ▶ Scaffolding (1926.451) - 2,859
- ▶ Powered Industrial Trucks (1910.178) - 2,561
- ▶ Lockout/Tagout (1910.147) - 2,554
- ▶ Respiratory Protection (1910.134) - 2,481
- ▶ Fall Protection - Training Requirements (1926.503) - 2,112
- ▶ Personal Protective and Lifesaving Equipment - Eye and Face Protection (1926.102) - 2,074
- ▶ Machine Guarding (1910.212) - 1,644

# Results - Employee Type

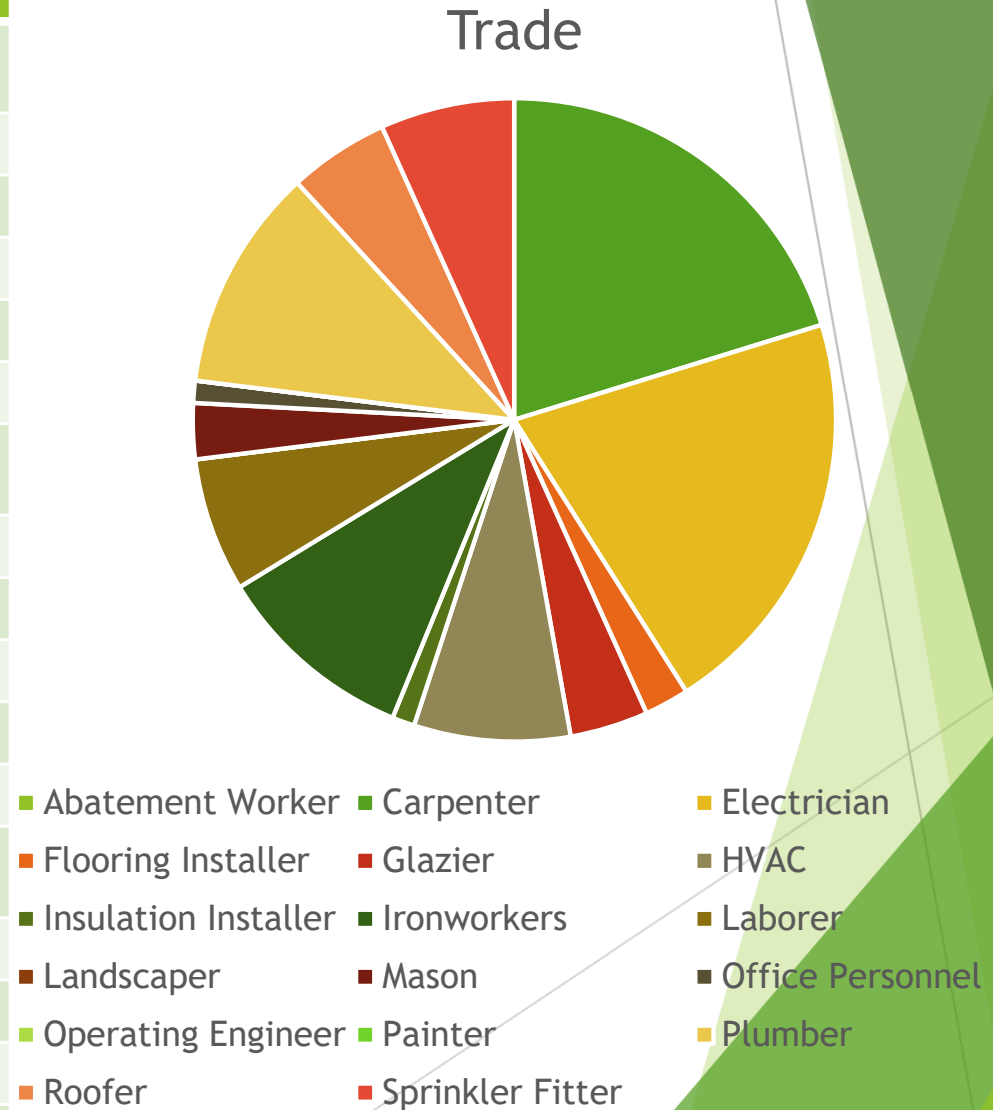
Employee Type	
Company Employee	7
Subcontracted Employee	214
Total	221

Type of Worker



# Results - Trade of Worker involved in injury/incident

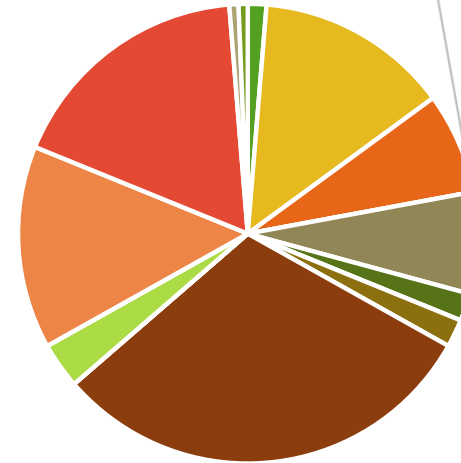
Trade	Injuries	Percentage
Abatement Worker	0	0%
<b>Carpenter</b>	<b>36</b>	<b>20%</b>
<b>Electrician</b>	<b>37</b>	<b>21%</b>
Flooring Installer	4	2%
Glazier	7	4%
HVAC	14	8%
Insulation Installer	2	1%
Ironworkers	18	10%
Laborer	12	7%
Landscaper	0	0%
Mason	5	3%
Office Personnel	2	1%
Operating Engineer	0	0%
Painter	0	0%
<b>Plumber</b>	<b>20</b>	<b>11%</b>
Roofer	9	5%
Sprinkler Fitter	12	7%



# Results - Incident Type

Incident Type	Injuries	Percentage
Amputation	0	0%
Burn	2	1%
Contusion	21	14%
Crushing	11	7%
Electrical Shock	0	0%
Foreign Body	11	7%
Fracture	3	2%
Hearing Loss or Impairment	0	0%
Heat / Cold Related Illness	3	2%
<b>Laceration</b>	<b>47</b>	<b>31%</b>
Loss of Consciousness	0	0%
Poisoning	0	0%
Puncture	5	3%
Respiratory Condition	0	0%
Skin Disorder	0	0%
Slips/Trips/Falls	22	14%
<b>Sprain, Strain, or Tear</b>	<b>27</b>	<b>18%</b>
Unknown/Other - Not classified	1	1%
Vision Loss	1	1%

Incident Type



- Amputation
- Burn
- Contusion
- Crushing
- Electrical Shock
- Foreign Body
- Fracture
- Hearing Loss or Impairment
- Heat / Cold Related Illness
- Laceration
- Loss of Consciousness
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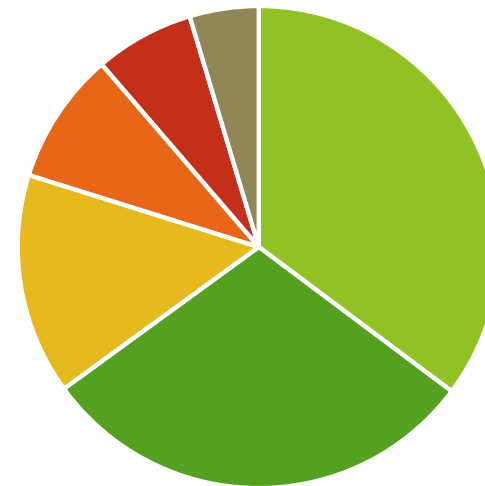


# Results - Body Part Involved

## BLS - Construction Industry - 2022 stats

Body Part	Injuries	Percentage of Injuries
<b>Upper Extremity (Arm, Elbow, Hand)</b>	<b>46,130</b>	<b>35%</b>
Lower Extremity (Leg, Knee, Foot)	39,040	30%
Back	19,460	15%
Head	11,600	9%
Chest	8,760	7%
Body (i.e. shock, heat etc.)	6,050	5%

Body Part Involved



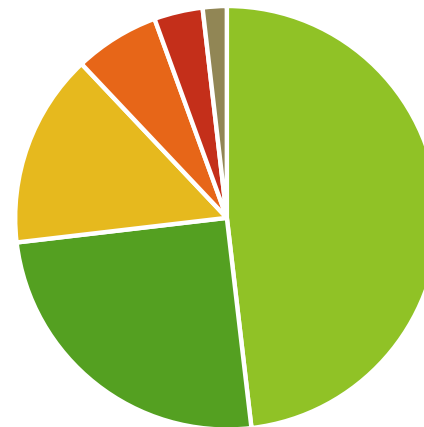
- Upper Extremity (Arm, Elbow, Hand)
- Lower Extremity (Leg, Knee, Foot)
- Back
- Head
- Chest
- Body (i.e. shock, heat etc.)

# Results - Body Part Involved

## MACSC Survey Results

Body Part	Injuries	Percentage of Injuries
Upper Extremity (Arm, Elbow, Hand)	52	48%
Lower Extremity (Leg, Knee, Foot)	27	25%
Head	16	15%
Back	7	6%
Body (i.e. shock, heat etc.)	4	4%
Chest	2	2%

Body Part Involved



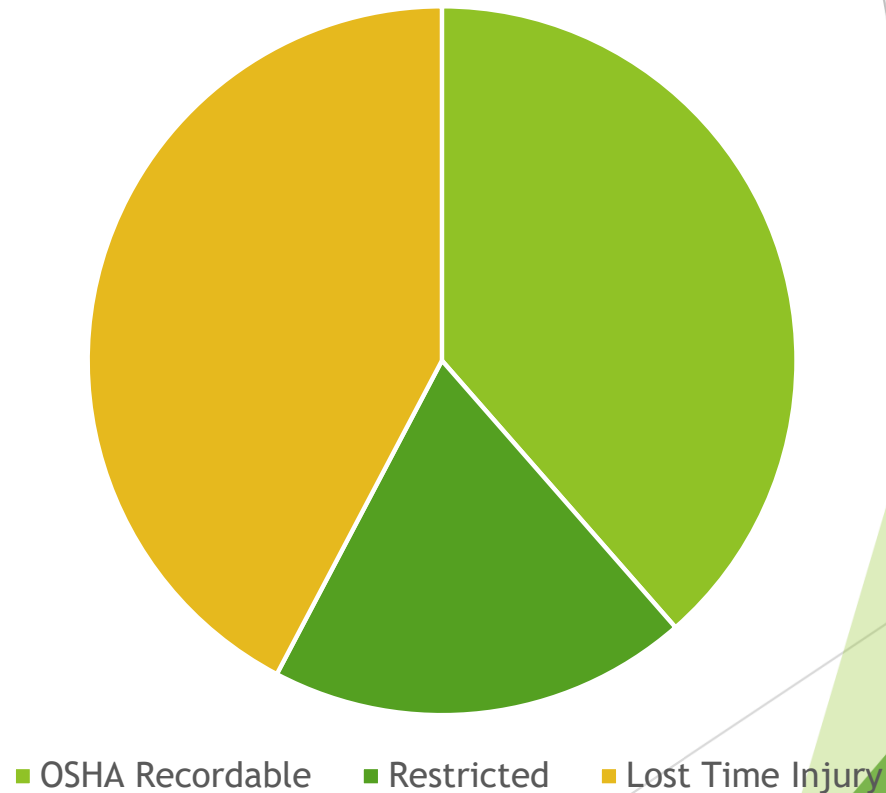
- Upper Extremity (Arm, Elbow, Hand)
- Lower Extremity (Leg, Knee, Foot)
- Head
- Back
- Body (i.e. shock, heat etc.)
- Chest

# Results - OSHA Classification

## BLS - Construction Industry - 2022 stats

Classification	Totals	Percentage
OSHA Recordable	65	39%
Restricted	33	19%
<b>Lost Time Injury</b>	<b>72</b>	<b>42%</b>

Classification

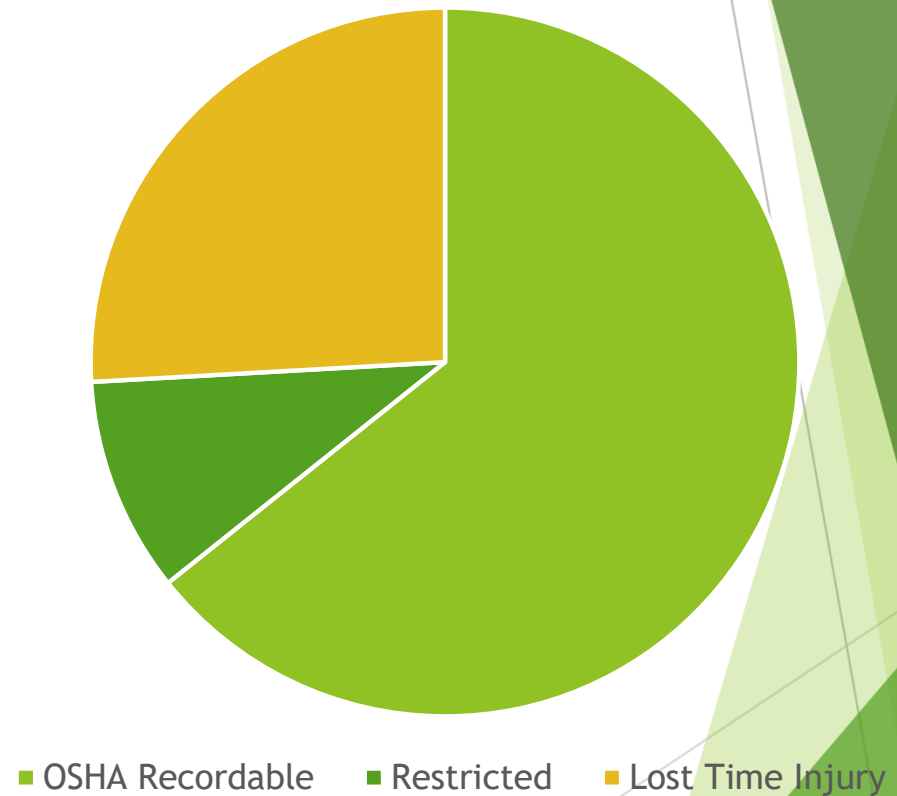


# Results - OSHA Classification

## MACSC Survey Results

Classification	Totals	Percentage
<b>OSHA Recordable</b>	<b>72</b>	<b>64%</b>
Restricted	11	10%
Lost Time Injury	29	26%

Classification



# Findings

- ▶ Majority of incidents reported involved Electricians (21%), Carpenters (20%), and Plumbers (11%)
- ▶ Majority of incident types are Lacerations (31%) & Sprains, Strains, or Tears (18%)
- ▶ Both BLS and MACSC CM Subcommittee reported highest number of incidents involving Upper Extremities.
- ▶ BLS reported higher Lost Time Incidents
- ▶ MACSC CM Subcommittee reported higher number of Recordable Only incidents.

# Findings

- ▶ Trainings/Suggestions based on data surveyed
  - ▶ Upper Extremity protection (PPE, Ergonomics, etc.)
  - ▶ Musculoskeletal Protection
  - ▶ Focus on case management of injuries and incidents has helped the MACSC numbers when it comes to lost time incidents.