ANALYZING WORKPLACE INJURIES IN THE Construction Industry

To eliminate workplace injuries and fatalities, we must understand when, why and how they happen. Having these specific analytics on hand will allow businesses in hazardous industries to target problem areas and initiate solutions that will lower the number of workplace accidents.

The Construction sector is comprised of establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems). Construction work may include new work, additions, alterations, or maintenance and repairs.

The highest number of injury incidents in the Construction industry occurred:

- at Noon
- on Wednesday
- in June
- on Multiple Body Parts
- on Males
- within 20-29 Age Group
- in St. Louis County

Total Fatalities in Top 6 Industries: 89
Total Fatalities in All Industries: 142
63% of All Fatalities are in Top 6 Industries

RANKED #4 IN THE MOST WORKPLACE FATALITIES

Top Industries in Workplace Fatalities:

- Manufacturing
- Public Administration
- Transportation and Warehousing
- Health Care and Social Assistance
- Construction
- Retail Trade

INJURY INCIDENTS

4,081
Total Incidents in All Industries 91,808

LOST TIME INCIDENTS

528
Total of All Lost Time Incidents 9,710
Injury Incidents by Time of Day

Injury Incidents by Day of the Week
Most Construction incidents occurred on a Wednesday.

Injury Incidents by Month
The highest number of Construction incidents occurred in June.

Top 10 Injury Incidents by Body Part
In Construction, Multiple Body Parts was the category with the highest number of incidents.

<table>
<thead>
<tr>
<th>Body Part</th>
<th>Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple Body Parts</td>
<td>768</td>
</tr>
<tr>
<td>Finger(s)/Thumb(s)</td>
<td>480</td>
</tr>
<tr>
<td>Knees(s)/Lower Leg(s)</td>
<td>414</td>
</tr>
<tr>
<td>Wrist(s)/Hand(s)</td>
<td>379</td>
</tr>
<tr>
<td>Upper Arm(s)/Shoulder(s)</td>
<td>347</td>
</tr>
<tr>
<td>Back</td>
<td>302</td>
</tr>
<tr>
<td>Ankle(s)/Foot/Feet</td>
<td>296</td>
</tr>
<tr>
<td>Elbow(s)/Lower Arm(s)</td>
<td>172</td>
</tr>
<tr>
<td>Eye(s)</td>
<td>138</td>
</tr>
<tr>
<td>Abdomen/Groin/Buttocks</td>
<td>87</td>
</tr>
</tbody>
</table>

Injury Incidents by Gender
In Construction, males had over 17 times more incidents than females.

Female: 214 (5.24%)
Male: 3,841 (94.12%)
Unknown: 26 (0.6%)
Incidents by Age Group
The 20-29 age group had the highest number of incidents in Construction.

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Construction</th>
<th>All Industries Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-15</td>
<td>5</td>
<td>61</td>
</tr>
<tr>
<td>16-19</td>
<td>160</td>
<td>4,054</td>
</tr>
<tr>
<td>20-29</td>
<td>991</td>
<td>22,187</td>
</tr>
<tr>
<td>30-39</td>
<td>954</td>
<td>19,626</td>
</tr>
<tr>
<td>40-49</td>
<td>856</td>
<td>17,336</td>
</tr>
<tr>
<td>50-59</td>
<td>772</td>
<td>18,058</td>
</tr>
<tr>
<td>60-69</td>
<td>312</td>
<td>9,093</td>
</tr>
<tr>
<td>70-79</td>
<td>27</td>
<td>1,258</td>
</tr>
<tr>
<td>80-89</td>
<td>4</td>
<td>125</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
<td>10</td>
</tr>
</tbody>
</table>

Incidents by County
St. Louis County had the most Construction incidents.

Top 5 Counties with the Most Incidents
- St. Louis County: 850
- Jackson: 655
- St. Louis City: 263
- Greene: 229
- St. Charles County: 321

Injury Incidents by Cause
Most construction injury incidents occur due to lifting.
- Lifting: 334
- Strain or Injury by, NOC: 240
- Other - Miscellaneous: 222
- From Ladder or Scaffolding: 193
- From Different Levels (Elevation): 183

Injury Incidents by Nature
The highest number of construction injury incidents are strain and tears.
- Strain or Tear: 1,084
- Laceration: 655
- Contusion: 384
- Fracture: 383
- All Other Specific Injuries, NOC: 328

This information represents data collected by the Missouri Department of Labor and Industrial Relations to aid in reducing workplace incidents and fatalities. It may include incidents that occurred in other states or may have been reported in a month other than when the incident occurred. No personal information has been shared or released in the creation of this resource. Missouri Department of Labor and Industrial Relations is an equal opportunity employer/program. TDD/TTY: 800-735-2966 Relay Missouri: 711