

ANALYZING WORKPLACE INJURIES IN THE Manufacturing 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 Manufacturing sector is comprised of establishments engaged in the mechanical, physical or chemical transformation of materials, substances or components into new products.

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



at
Noon



on
Wednesday



in
August



on
Multiple
Body Parts



on
Males



within
30-39 Age
Group



in
St. Louis
County

Ranked #1 in Workplace Fatalities

17 out of 108 Fatalities are in Manufacturing ▶ 15.74%



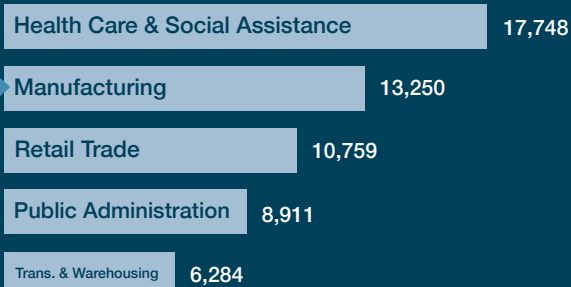
RANKED #2
IN HIGHEST NUMBER OF
INJURY INCIDENTS

Total Incidents in Top 5 Industries ▶ 56,952

Total Incidents in All Industries ▶ 91,724

62% of All Incidents are in Top 5 Industries

Top Industries in Number of Injury Incidents



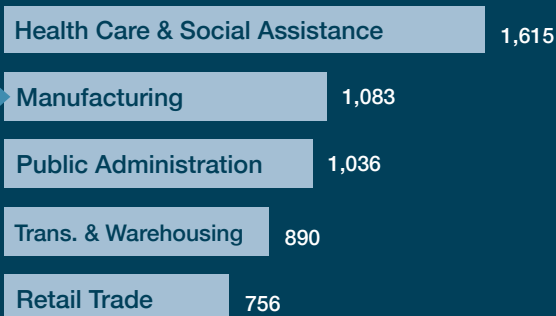
RANKED #2
IN THE MOST LOST TIME
INJURY INCIDENTS

Total Lost Time Incidents in Top 5 Industries ▶ 5,380

Total Lost Time Incidents in All Industries ▶ 7,908

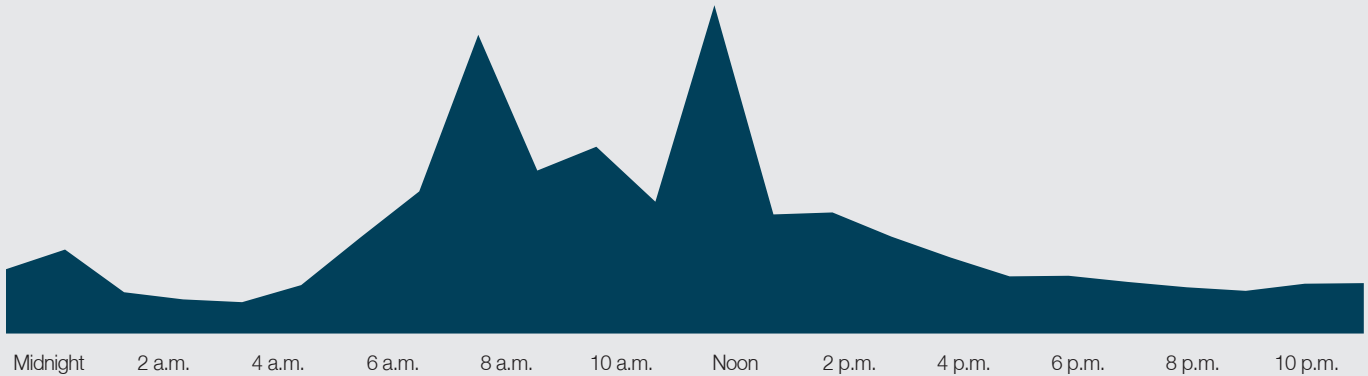
68% of Lost Time Incidents are in Top 5 Industries

Top Industries in Lost Time Injury Incidents





Injury Incidents by Time of Day
Most Manufacturing incidents occurred during the Noon hour.



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

S	M	T	W	T	F	S
431	2,609	2,606	2,614	2,327	2,024	639

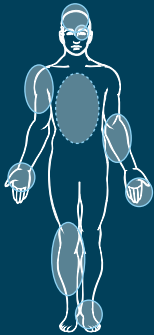


Injury Incidents by Month
The highest number of Manufacturing incidents occurred in August.

JAN	FEB	MAR
886	1,000	1,206
APR	MAY	JUN
1,138	1,164	1,190
JUL	AUG	SEP
1,083	1,287	1,156
OCT	NOV	DEC
1,085	1,029	1026

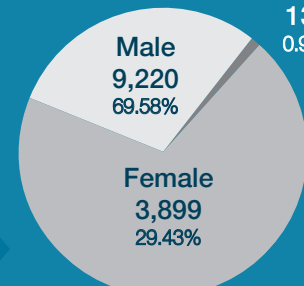


Top 10 Injury Incidents by Body Part
Multiple body parts were the most injured body part in Manufacturing.



Multiple Body Parts	2,176
Wrist(s)/Hand(s)	1,846
Finger(s)/Thumb(s)	1,821
Upper Arm(s)/Shoulder(s)	1161
Back	973
Knee(s)/Lower Leg(s)	933
Elbow(s)/Lower Arm(s)	825
Ankle(s)/Foot/Feet	772
Eye(s)	499
Other or Unspecified	232

Unknown
131
0.99%



Injury Incidents by Gender
In Manufacturing, males had over two times more incidents than females.



Incidents by Age Group
The 30-39 age group
had the highest number
of injury incidents in
Manufacturing.

Age Group	Manufacturing	All Industries Total
10-15	3	65
16-19	342	3,972
20-29	2,688	22,000 Highest Total
30-39	2,964	19,717
40-49	2,747	17,141
50-59	2,962	17,814
60-69	1,436	9,485
70-79	97	1,370
80-89	10	149
Unknown	1	11



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



Top 5 Counties with the Most Incidents

St. Louis County	1,854		
St. Charles	1,227	Jackson	1,027
Clay	1,079	Greene	799

Injury Incidents by Cause

Most manufacturing incidents
occur due to lifting

Lifting	1,157
Strain or Injury by, NOC	999
Repetitive Motion	956
Pushing or Pulling	674
On Same Level	586

Injury Incidents by Nature

The highest number of manufacturing
injury incidents are strain and tears

Strain or Tear	3,531
Contusion	1,868
Laceration	1,760
Sprain or Tear	1,391
All Other Specific Injuries, NOC	1,075

Visit safeatwork.mo.gov to learn more ways to keep your workplace safe.

