

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
Thursday



in
June



on
Multiple
Body Parts



on
Males



within
30-39 Age
Group



in
St. Louis
County

Ranked #4 in Workplace Fatalities

8 out of 87 Fatalities are in Manufacturing ▶ 9.20%



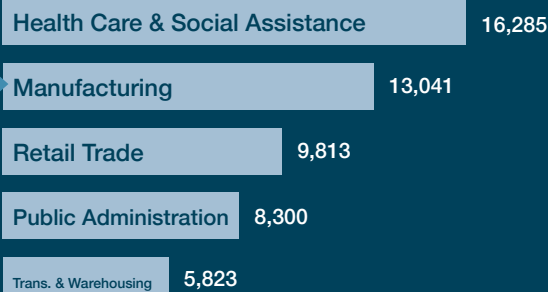
RANKED #2
IN HIGHEST NUMBER OF
INJURY INCIDENTS

Total Incidents in Top 5 Industries ▶ 53,262

Total Incidents in All Industries ▶ 88,295

60% of All Incidents are in Top 5 Industries

Top Industries in Number of Injury Incidents



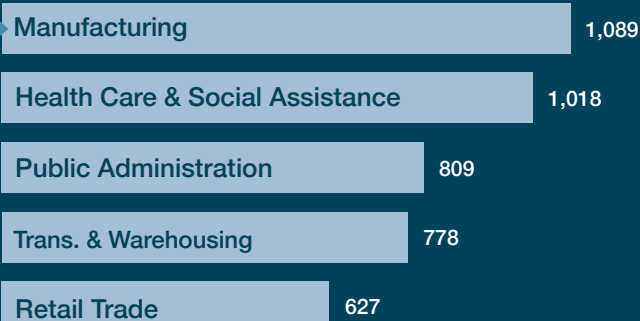
RANKED #1
IN THE MOST LOST TIME
INJURY INCIDENTS

Total Lost Time Incidents in Top 5 Industries ▶ 4,321

Total Lost Time Incidents in All Industries ▶ 6,934

62% of Lost Time Incidents are in Top 5 Industries

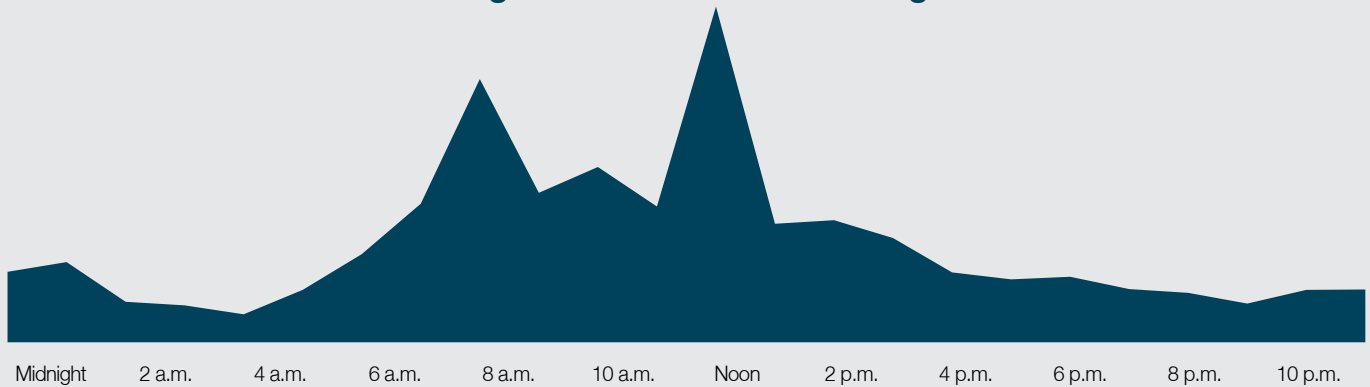
Top Industries in Lost Time Injury Incidents





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 Thursday.

S	M	T	W	T	F	S
448	2,432	2,425	2,529	2,586	1,963	658



Injury Incidents by Month

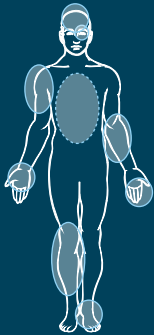
The highest number of Manufacturing incidents occurred in June.

JAN	FEB	MAR
1,061	1,101	1,265
APR	MAY	JUN
1,027	1,172	1,305
JUL	AUG	SEP
1,114	1,238	1,046
OCT	NOV	DEC
1,022	916	774



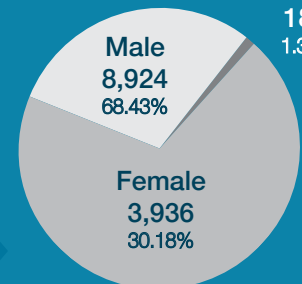
Top 10 Injury Incidents by Body Part

Multiple body parts were the most injured body part in Manufacturing.



Multiple Body Parts	2,091
Finger(s)/Thumb(s)	1,857
Wrist(s)/Hand(s)	1,716
Upper Arm(s)/Shoulder(s)	1,161
Knee(s)/Lower Leg(s)	966
Back	960
Ankle(s)/Foot/Feet	770
Elbow(s)/Lower Arm(s)	762
Eye(s)	583
Abdomen/Groin/Buttocks	260

Unknown
181
1.39%



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	2	61
16-19	352	3,864
20-29	2,668	21,893 Highest Total
30-39	2,976	19,360
40-49	2,755	16,435
50-59	2,732	16,146
60-69	1,437	8,990
70-79	111	1,391
80-89	8	148
Unknown	0	7



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



Top 5 Counties with the Most Incidents

St. Louis County	1,753	Jackson	938
Clay	1,146	Greene	839
St. Charles	1,095		

Injury Incidents by Cause

Most Manufacturing incidents
occur due to lifting

Lifting	1,101
Strain or Injury by, NOC	874
Repetitive Motion	874
Pushing or Pulling	677
On Same Level	560

Injury Incidents by Nature

The highest number of Manufacturing
injury incidents are strain and tears

Strain or Tear	3,525
Contusion	1,917
Laceration	1,805
Sprain or Tear	1,219
All Other Specific Injuries, NOC	899

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

