

# Surface Mining and Aggregates Working Group November 2024 MLITSD Update

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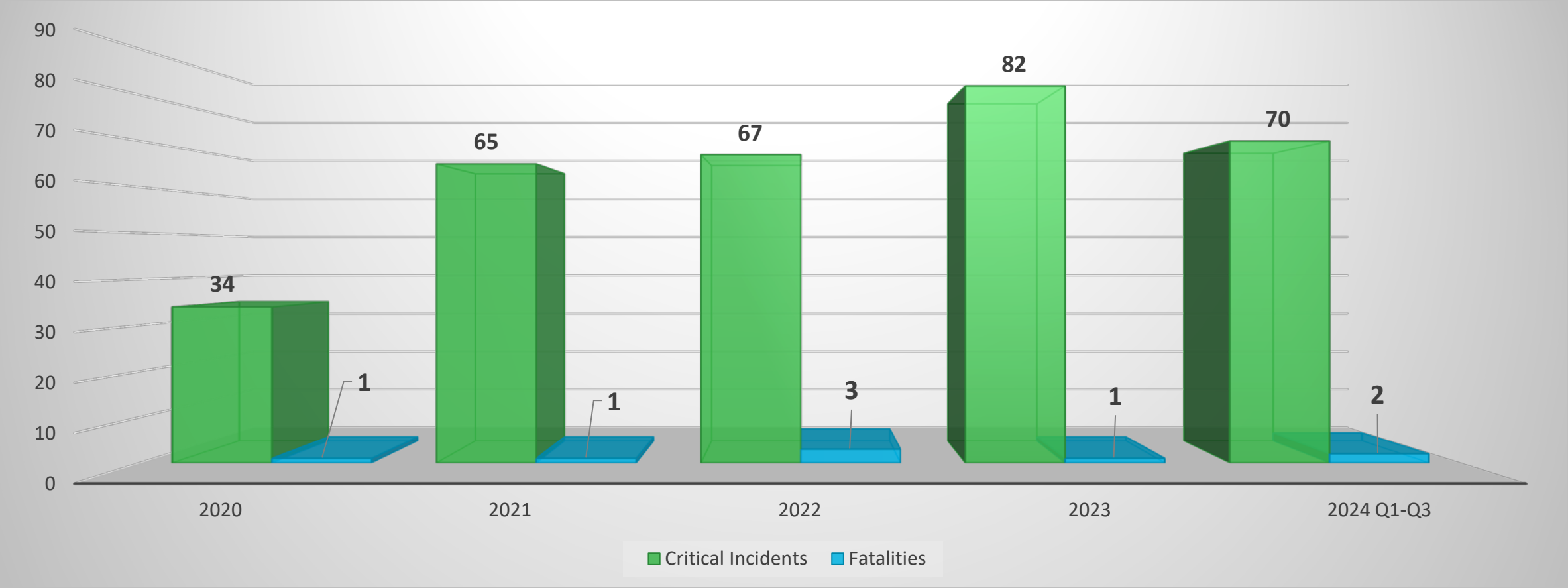
Provincial Specialist Mining Health and Safety Program



# Note Regarding MLITSD Data

- The charts in this slide deck reflect a snapshot of the current data in the system and is subject to change due to updates to the Ministry of Labour, Immigration, Training and Skills Development (MLITSD) Data Systems
- Critical injury numbers represent critical injuries reported to the ministry and not necessarily critical injuries as defined by the *Occupational Health and Safety Act*.
- Critical injuries in the Ministry's data systems may include non-workers, as this is required to be reported.
- The MLITSD tracks and reports fatalities at workplaces covered by the OHSA. This excludes death from natural causes, death of non-workers at a workplace, suicides, death as a result of a criminal act or traffic accident (unless the *OHSA* is also implicated) and death from occupational exposures that occurred many years ago.
- Fatality data is presented by calendar year to be consistent with WSIB harmonized data. Fatality data is tracked by event date, not death date.
- This represents data that was reported to the ministry and may not represent what actually occurred at the workplace.

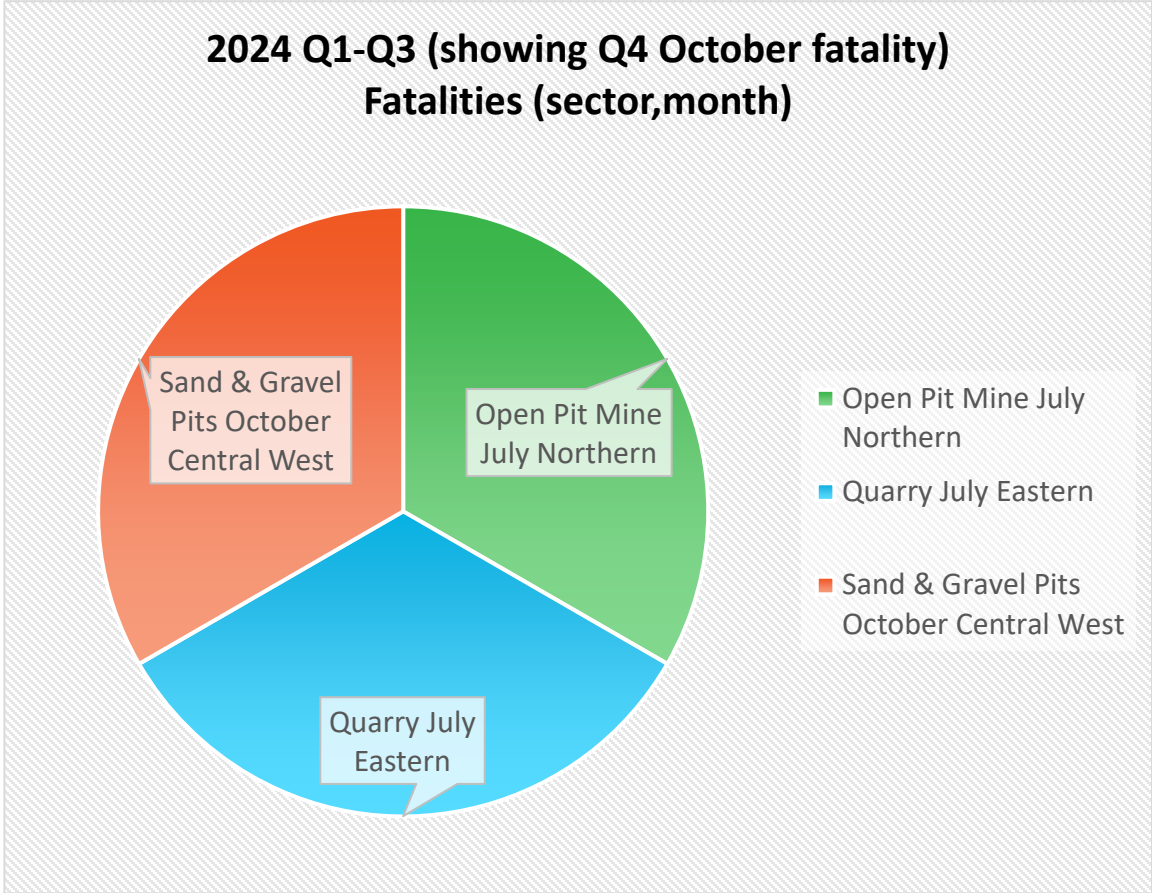
Mining Fatalities and Critical Injuries Reported  
January 1, 2020 to September 30<sup>th</sup> , 2024



NOVEMBER 8, 2024 – the slide deck is a snapshot of the current data in the system and is subject to change. DARB CI&F

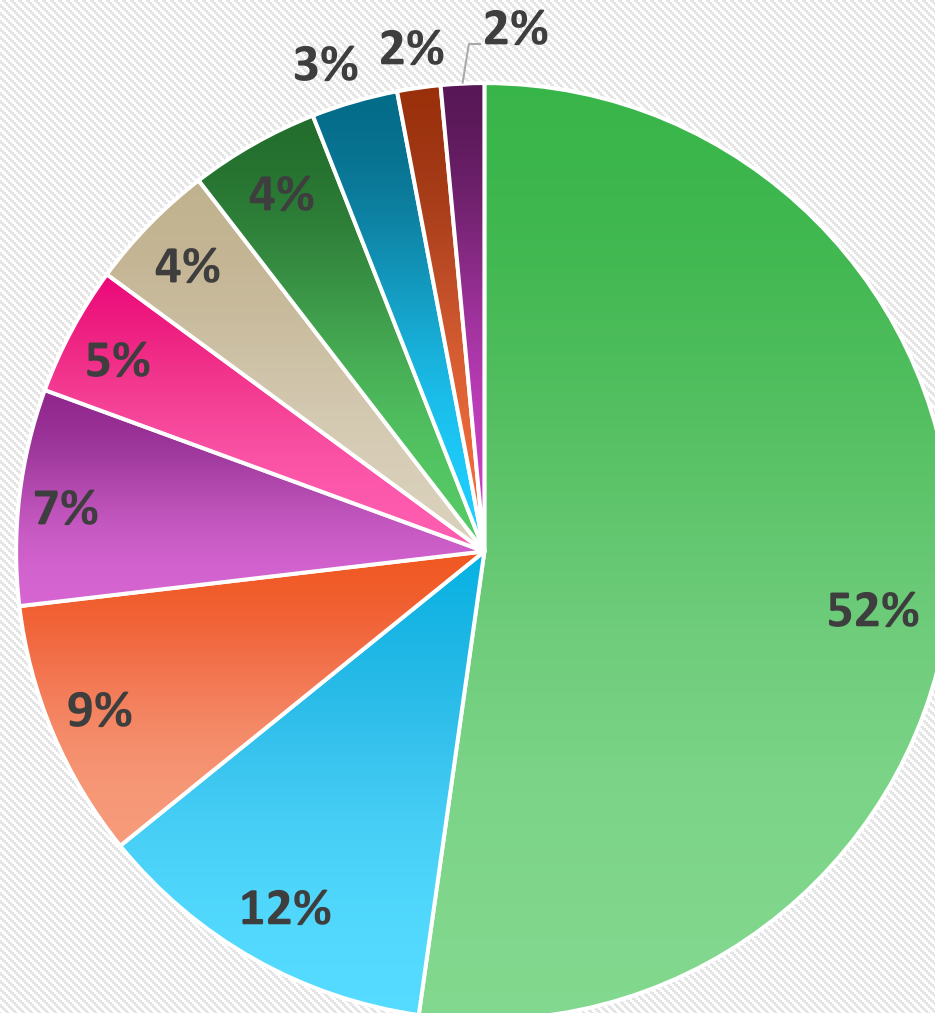
# Fatalities – 2024 (Q1-Q3)

Row Labels	Sum of Count of confirmed FATALITIES
Open Pit Mine	1
July 2024 Q3	1
Northern	1
Quarry	1
July 2024 Q3	1
Eastern	1
Sand & Gravel Pits	1
October 2024 Q4	1
Central West	1
Grand Total	3



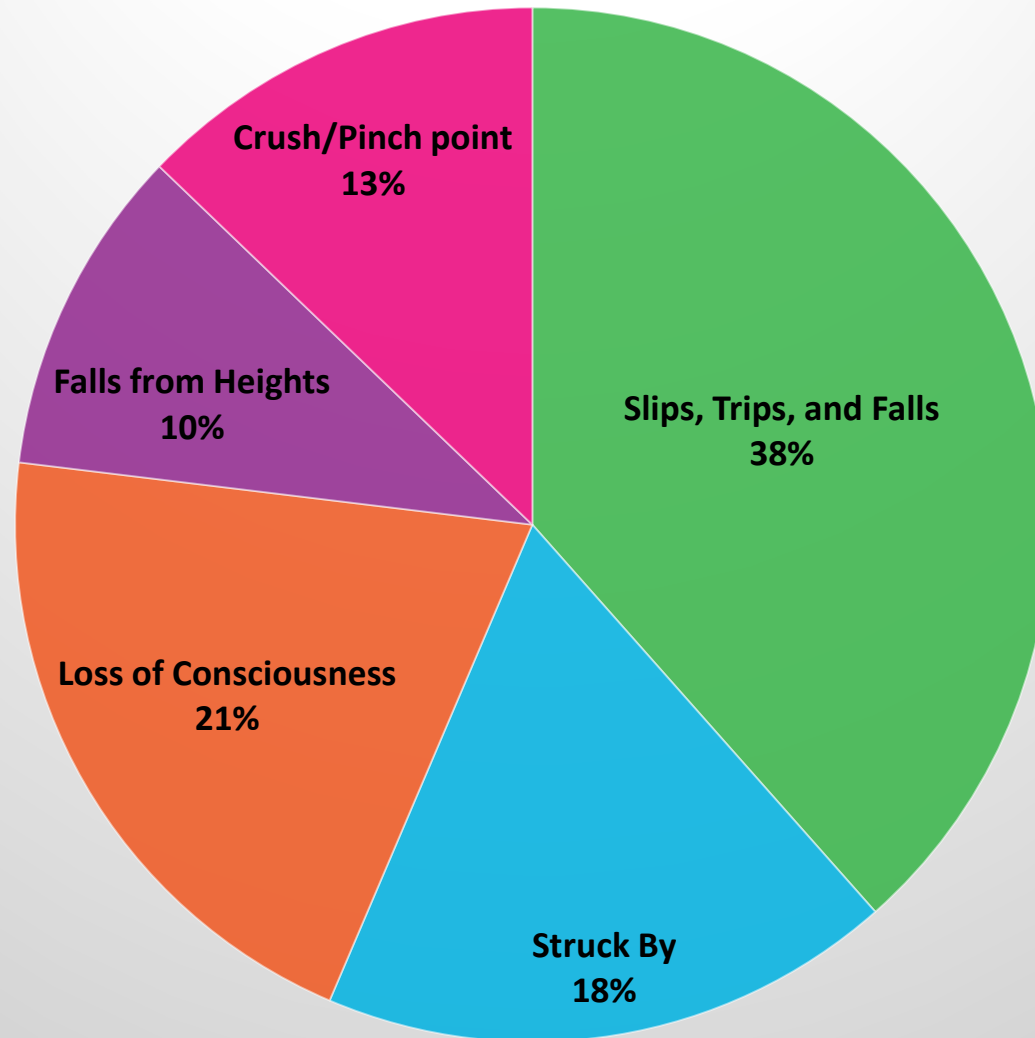
## 2024 Q1 - Q3 Critical Injury by Sector

- Underground Mines
- Quarries
- Surface Plant (Mine Sites)
- Smelters
- Sand & Gravel Pits
- NEC - Mining
- Refineries
- Open Pit Mines
- Mills
- Diamond Drilling

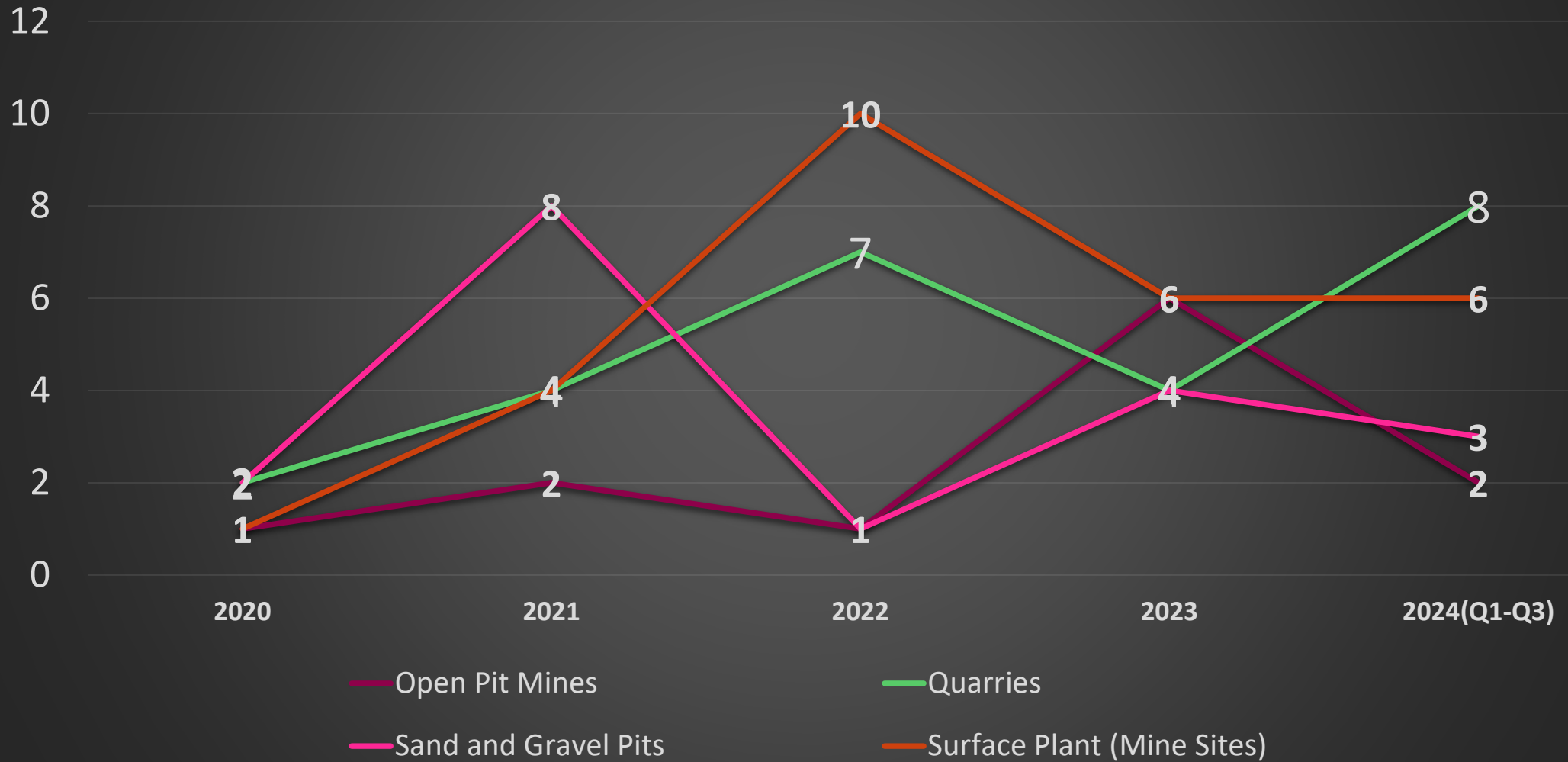


October 2024 – the slide deck is a snapshot of the current data in the system and is subject to change.

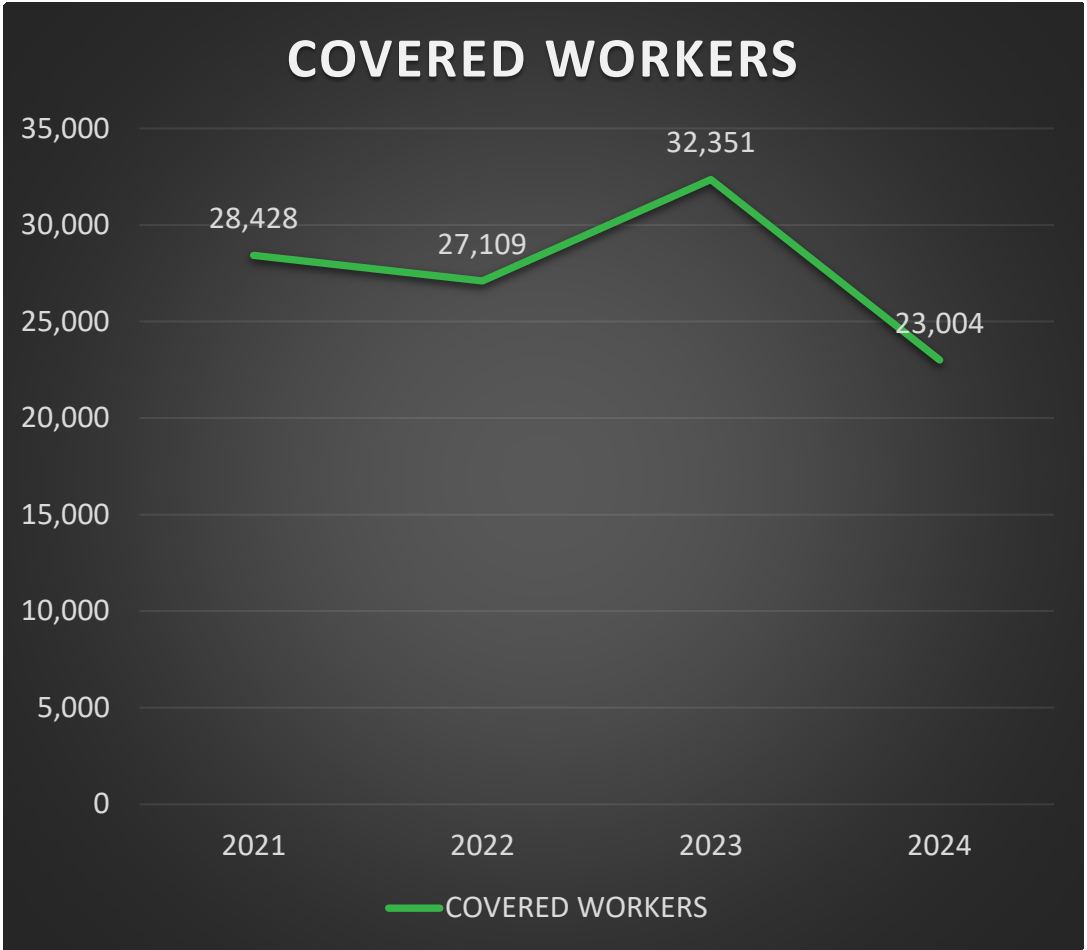
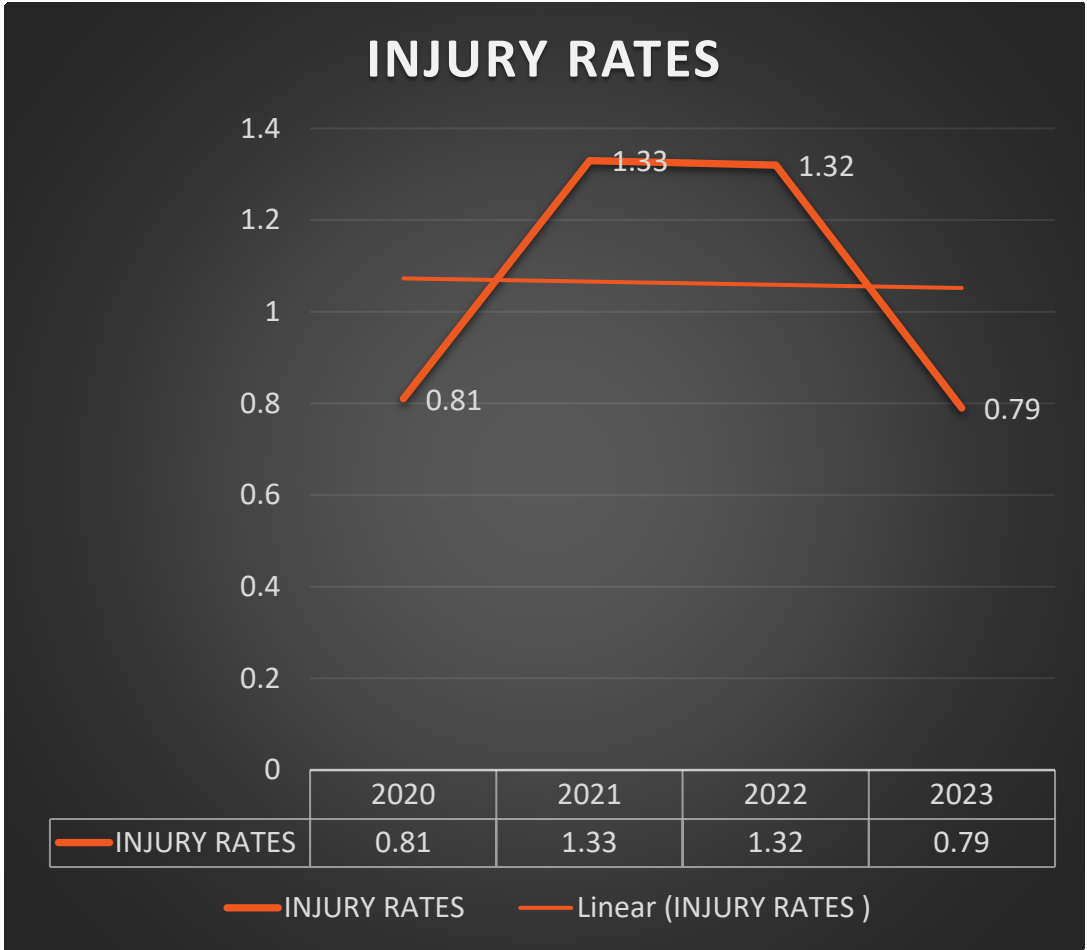
## 2024 Q1-Q3 reported Critical Injury cause



## Critical Injuries (2020-2024 Q1-Q3)



# Injury Rates (LTI) compared to number of workers in the mining sector (covid-19 excluded)

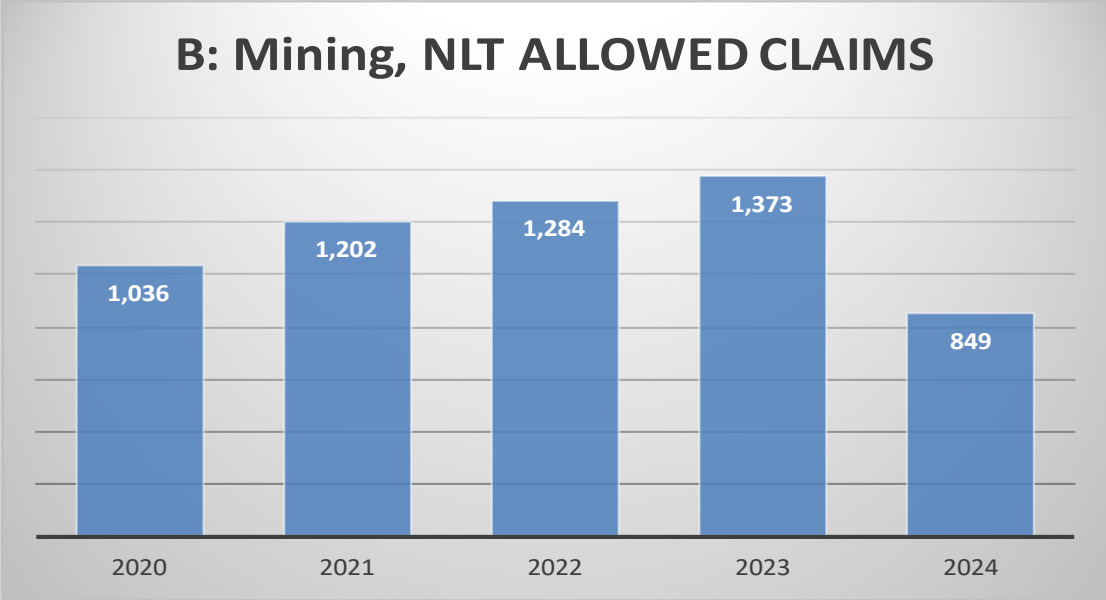
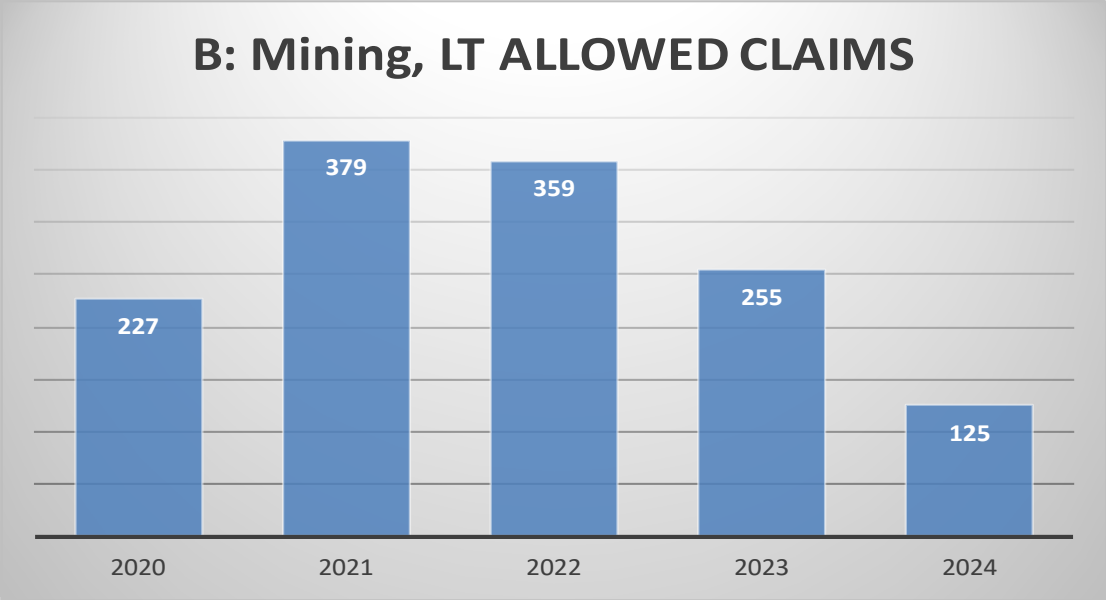




# Mining Allowed Claims WSIB (data maturity: 8/31/2024 – downloaded 10/22/2024)

NLT ALLOWED CLAIMS	2020	2021	2022	2023	2024
B: Mining, quarrying and oil and gas extraction	1,036	1,202	1,284	1,373	849

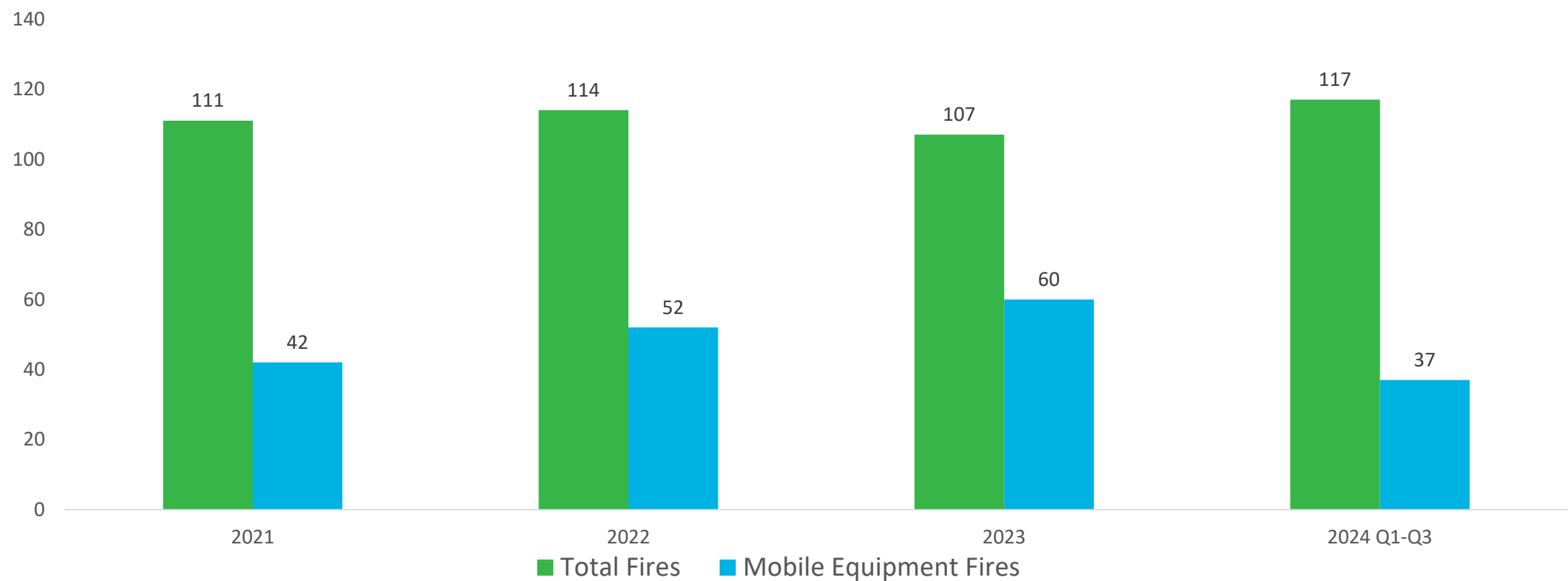
LT ALLOWED CLAIMS	2020	2021	2022	2023	2024
B: Mining, quarrying and oil and gas extraction	227	379	359	255	125



# Reported Fire Events 2024 Q1-Q3



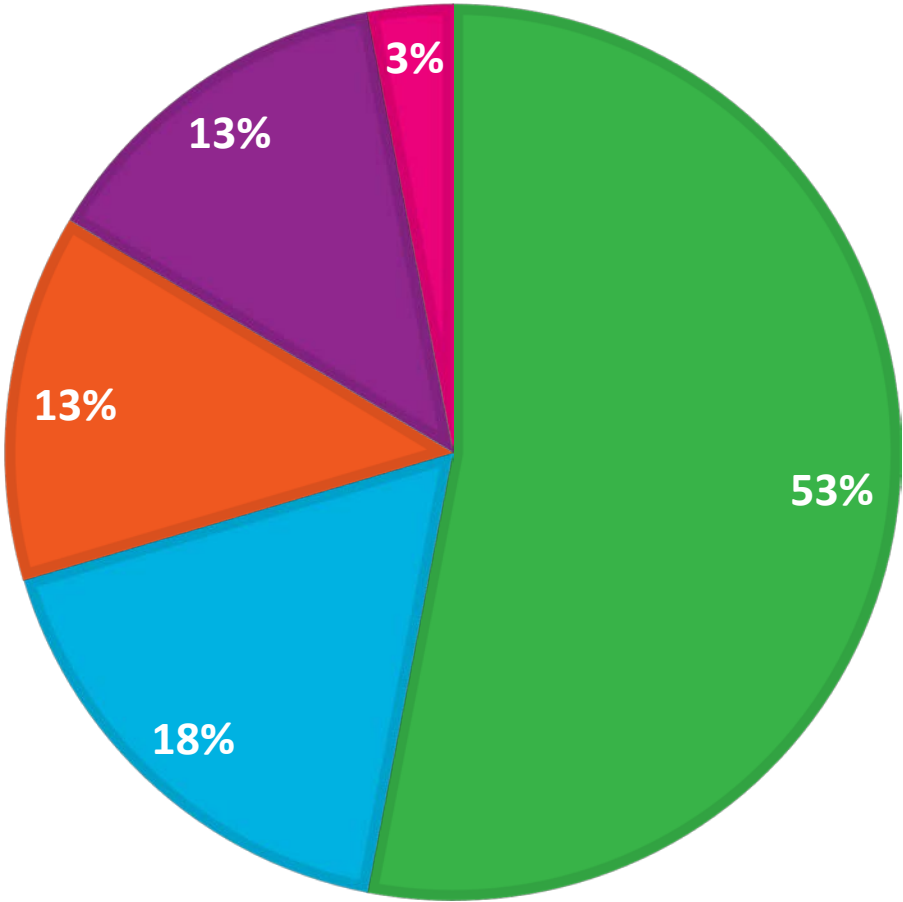
# Reported Fire Events to the MLITSD



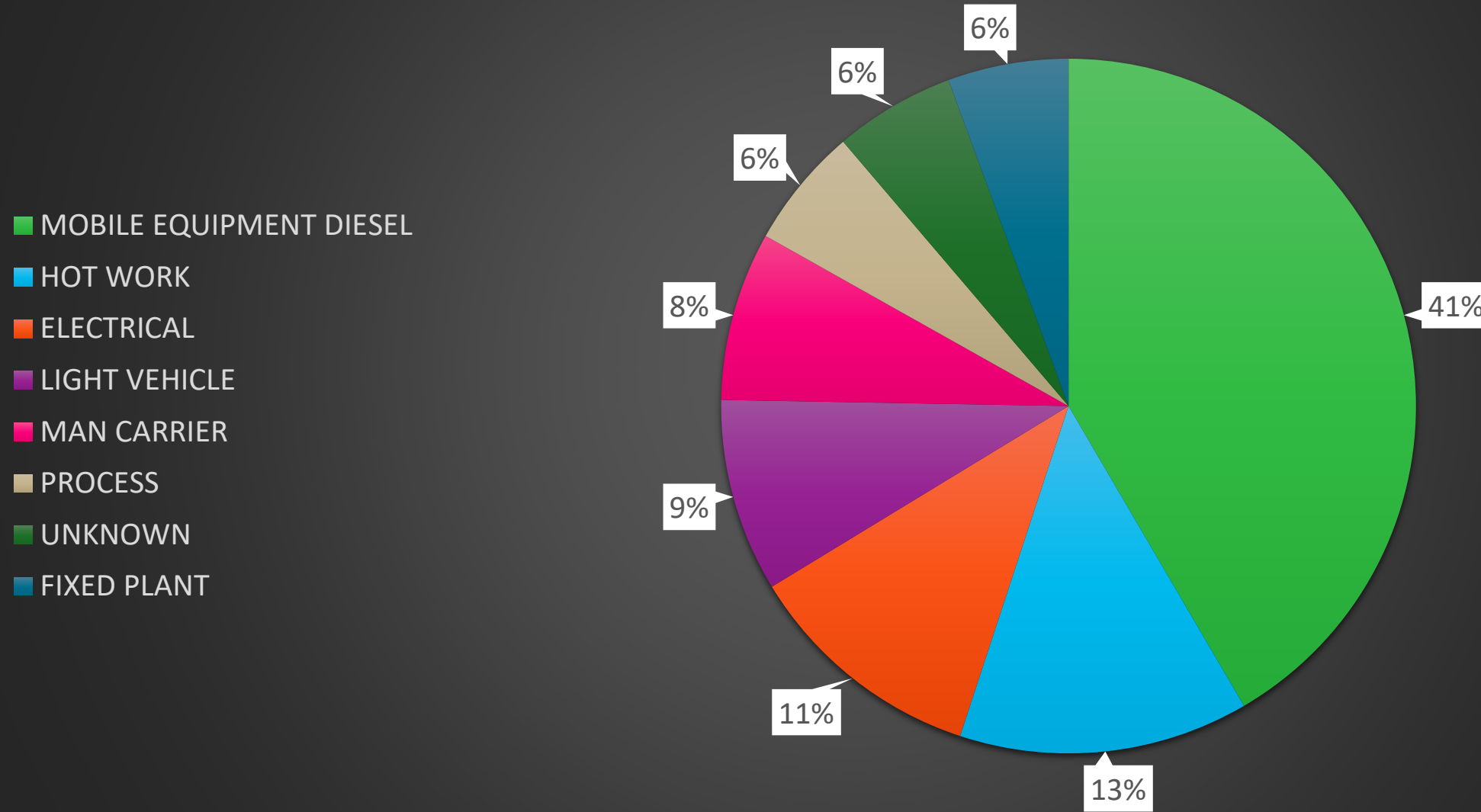
October 2024 – the slide deck is a snapshot of the current data in the system and is subject to change. Power-Bi Fire and Hoisting events

# 2024 Q1 – Q3 Fire Events by Sector

■ UNDERGROUND MINE   ■ SURFACE PLANTS   ■ SMELTERS   ■ OPEN PIT MINE   ■ MILLS



# Types of Fires Q1-Q3 2024



Total Mining Field Visit Summary Q1 – Q3 (1/1/2024 - 9/30/2024)		
SECTOR DESCRIPTION	Total Field Visits (FV)	Workplaces Visited
Underground Mines	455	55
Sand & Gravel Pits	438	280
Quarries	316	152
Open Pit Mines	135	33
Surface Plant (Mine Sites)	122	42
MEC - Mining	113	58
Mills	48	14
Smelters	45	3
Diamond Drilling	33	12
Refineries	18	5
Commercial Assay Laboratories	14	9
Oil & Natural Gas	8	6
Total	1,745	669

Event Summary Q1 – Q3 (1/1/2024 - 9/30/2024)

SECTOR DESCRIPTION	Unique Number of Events	
Underground Mines	457	
Smelters	86	
Surface Plant (Mine Sites)	60	
Open Pit Mines	52	
Quarries	48	
Mills	35	
NEC - Mining	28	
Refineries	28	
Sand & Gravel Pits	23	
Diamond Drilling	4	
Oil & Natural Gas	3	
Total	824	

## 2024 Q1-Q3 EVENT TYPE

