

Surface Mining and Aggregates Working Group November 2024 MLITSD Update

Presented by: Andrew Bryce

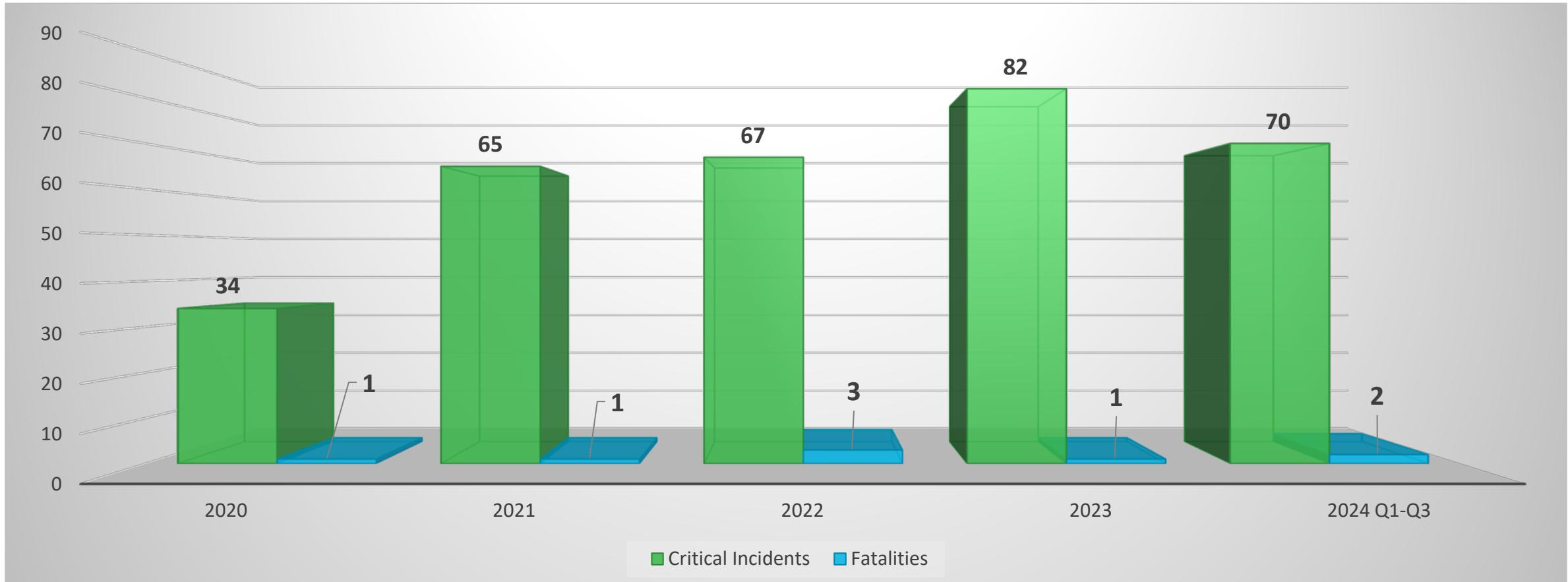
Provincial Specialist Mining Health and Safety Program



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.

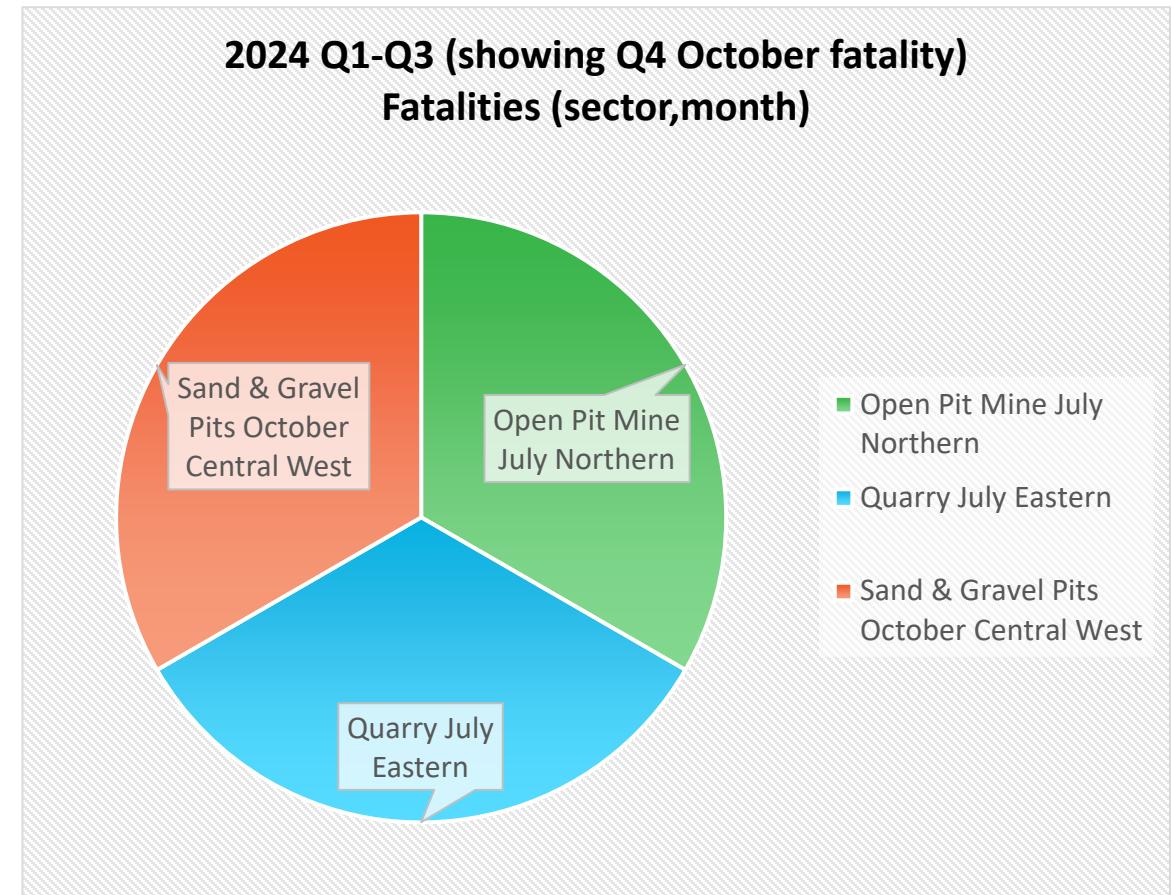
**Mining Fatalities and Critical Injuries Reported
January 1, 2020 to September 30th , 2024**



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

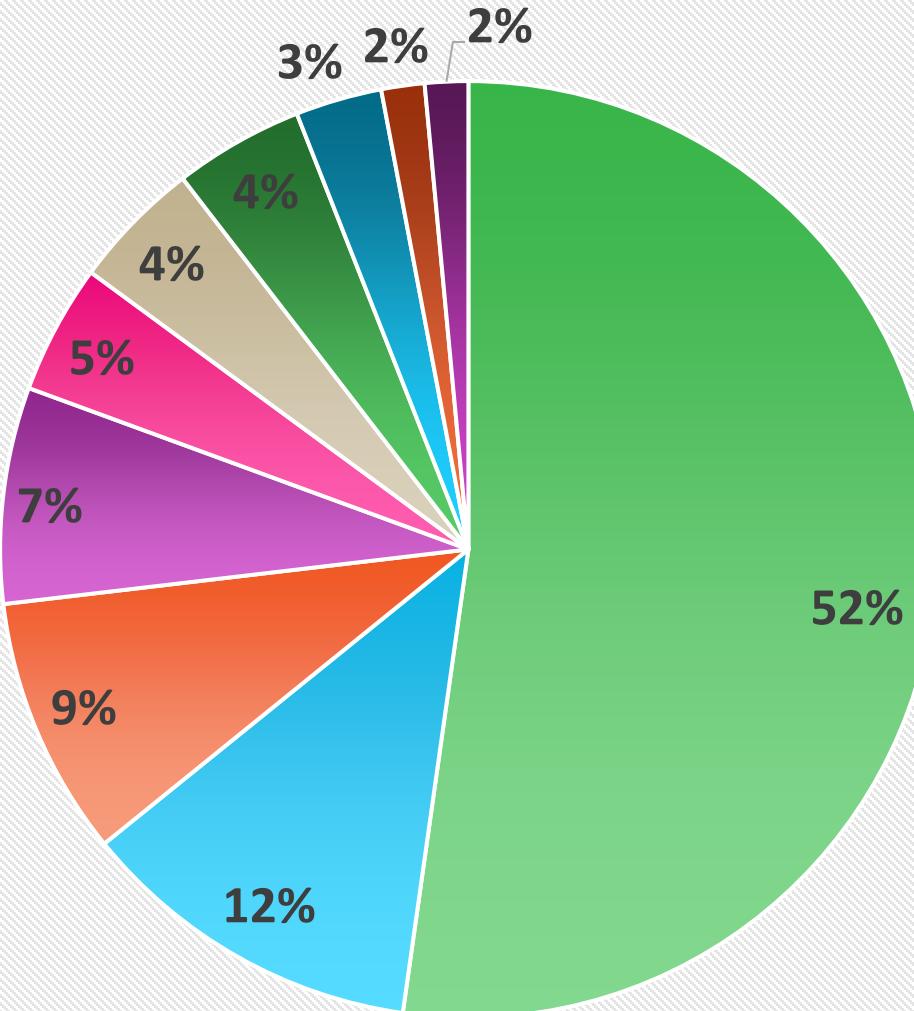
Fatalities – 2024 (Q1-Q3)

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



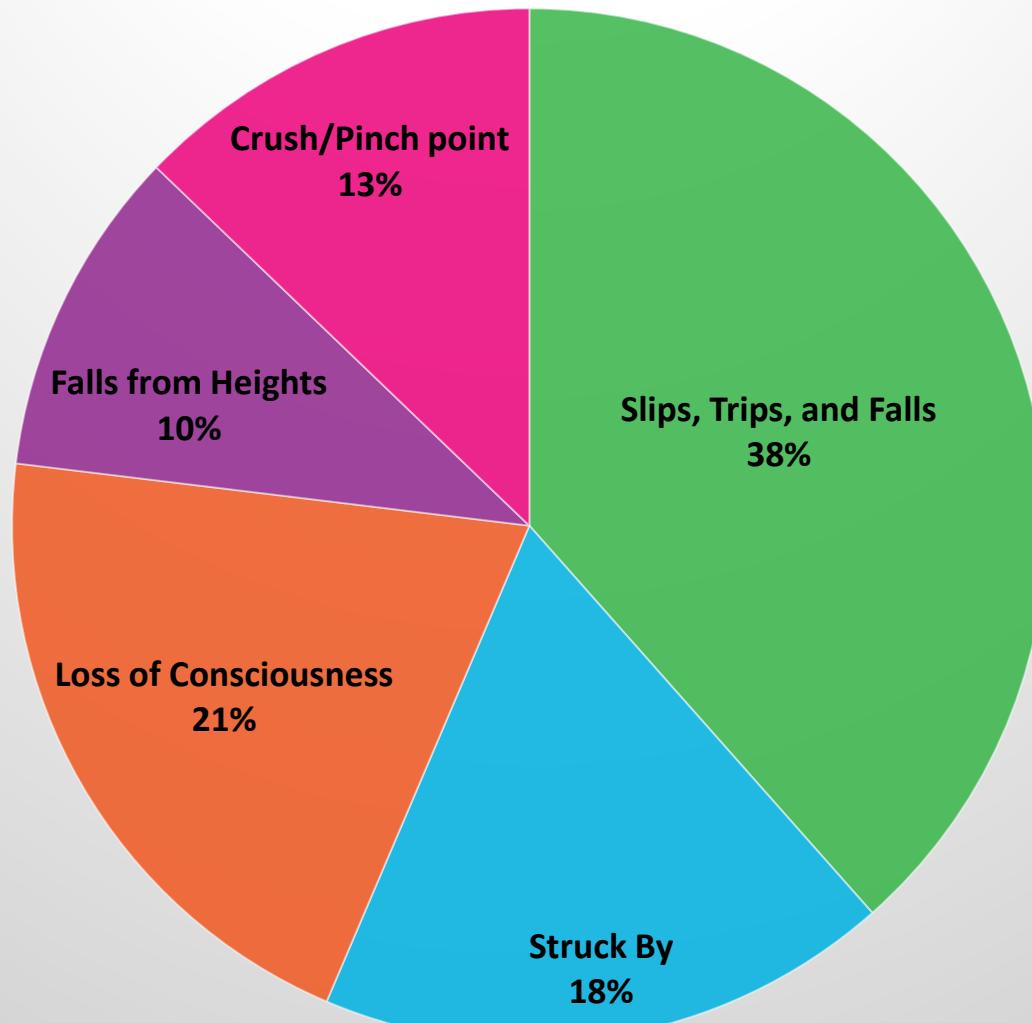
2024 Q1 - Q3 Critical Injury by Sector

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

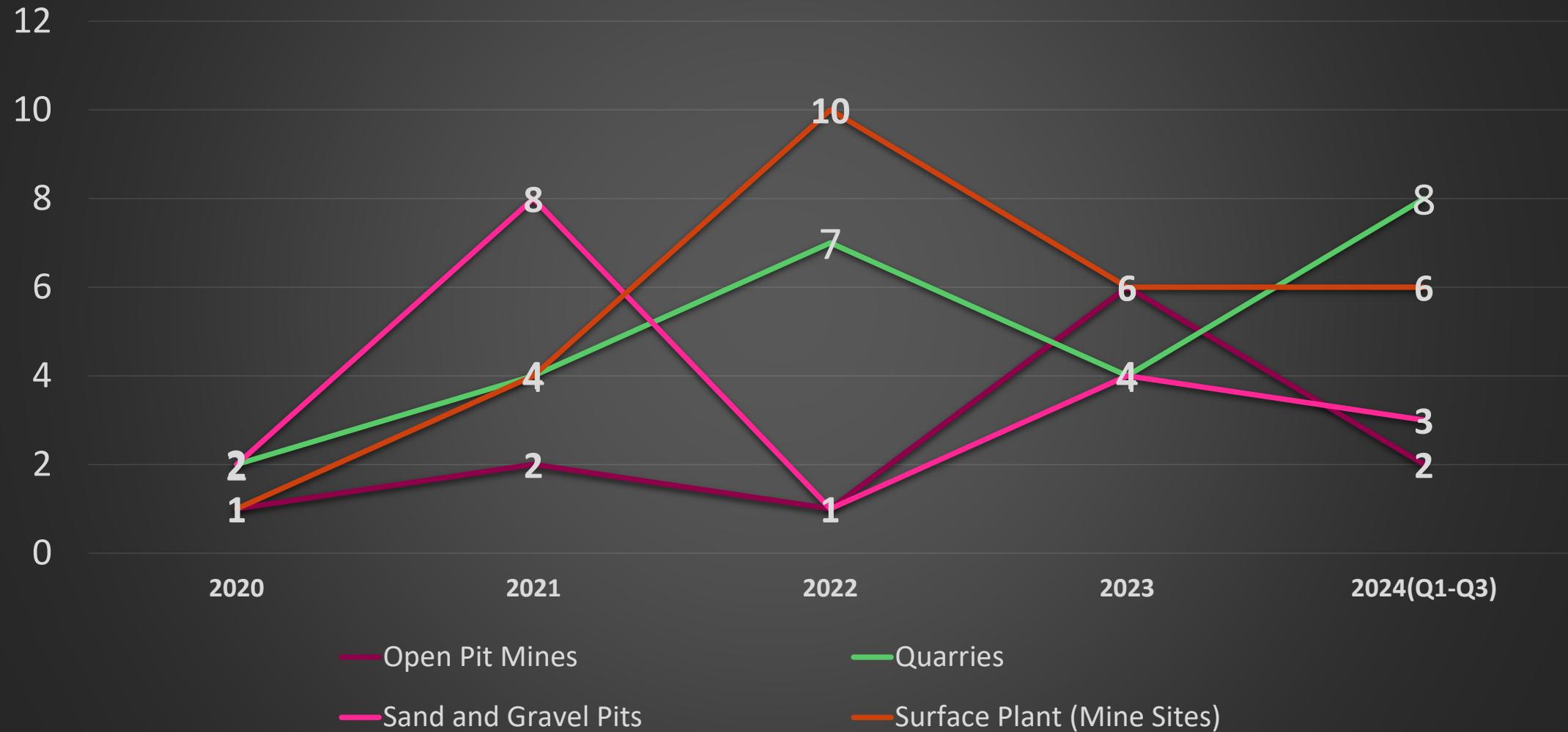


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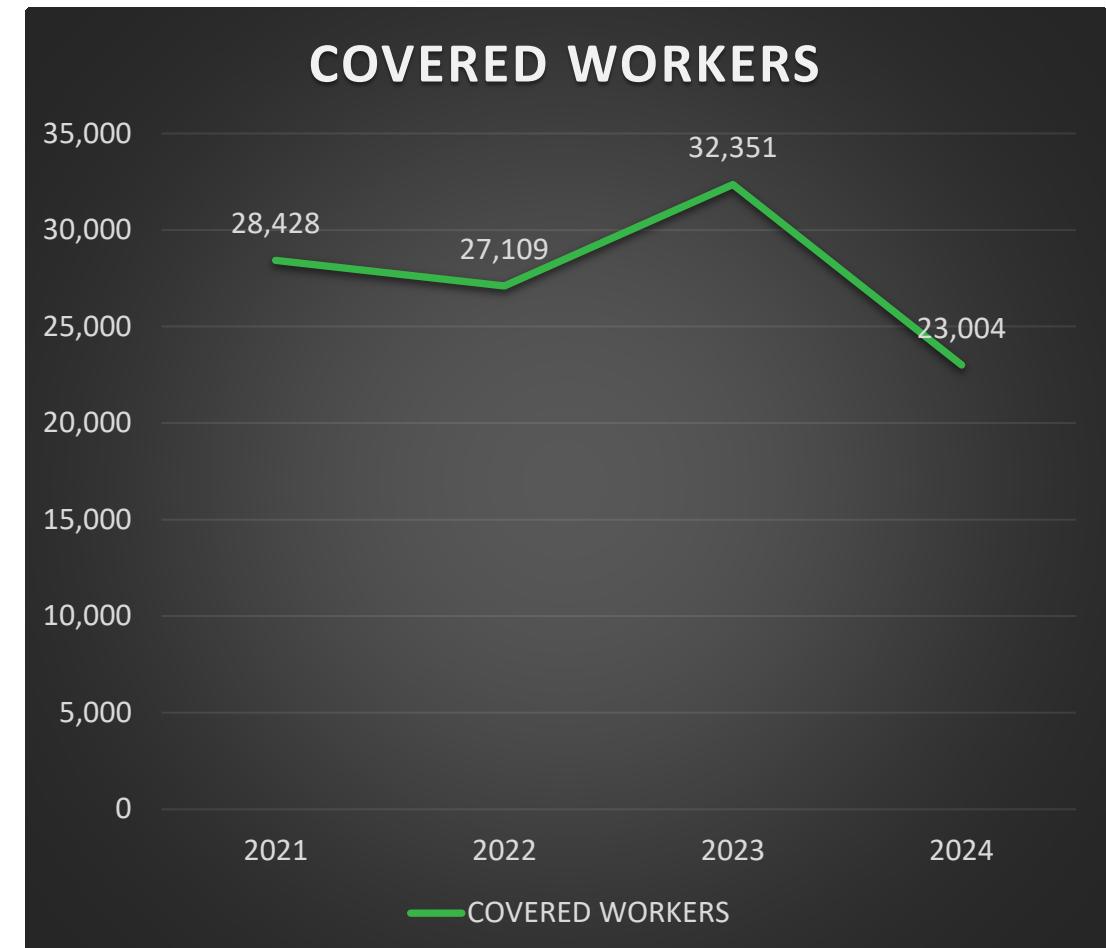
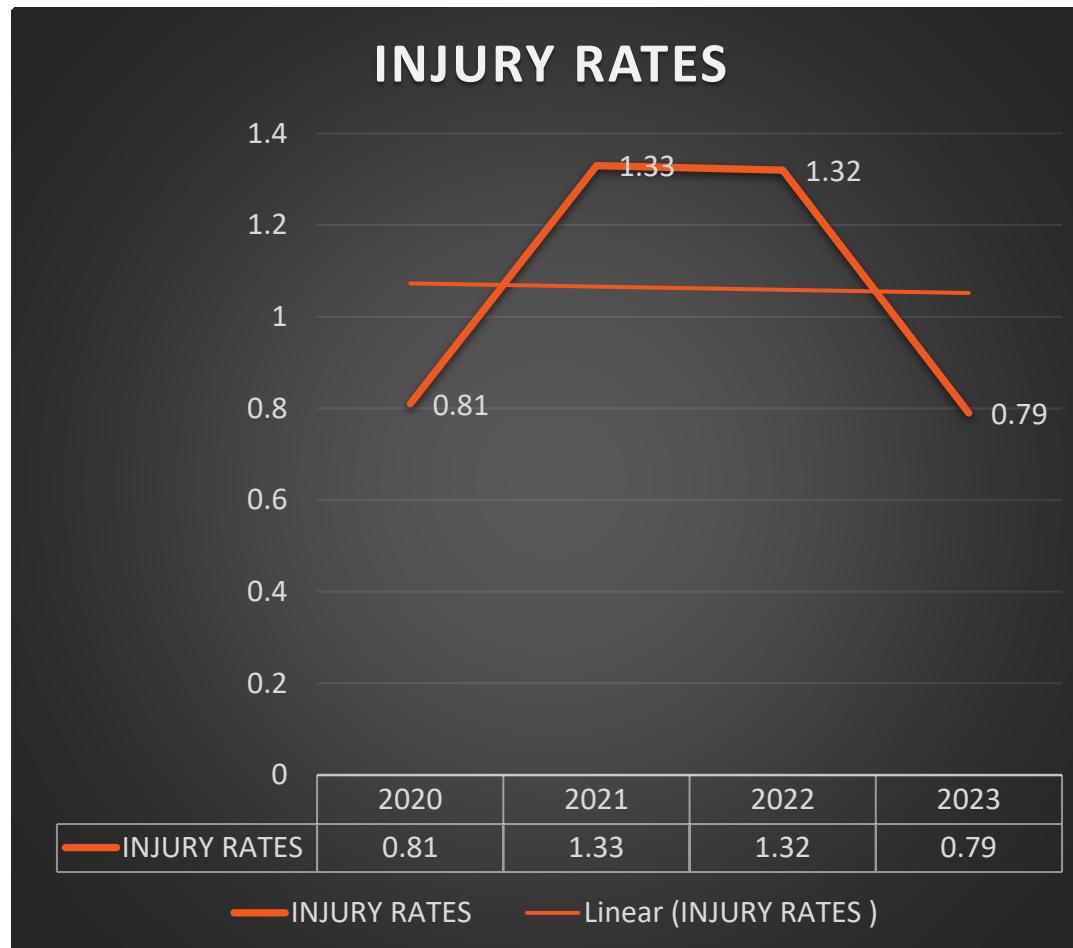
2024 Q1-Q3 reported Critical Injury cause



Critical Injuries (2020-2024 Q1-Q3)



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



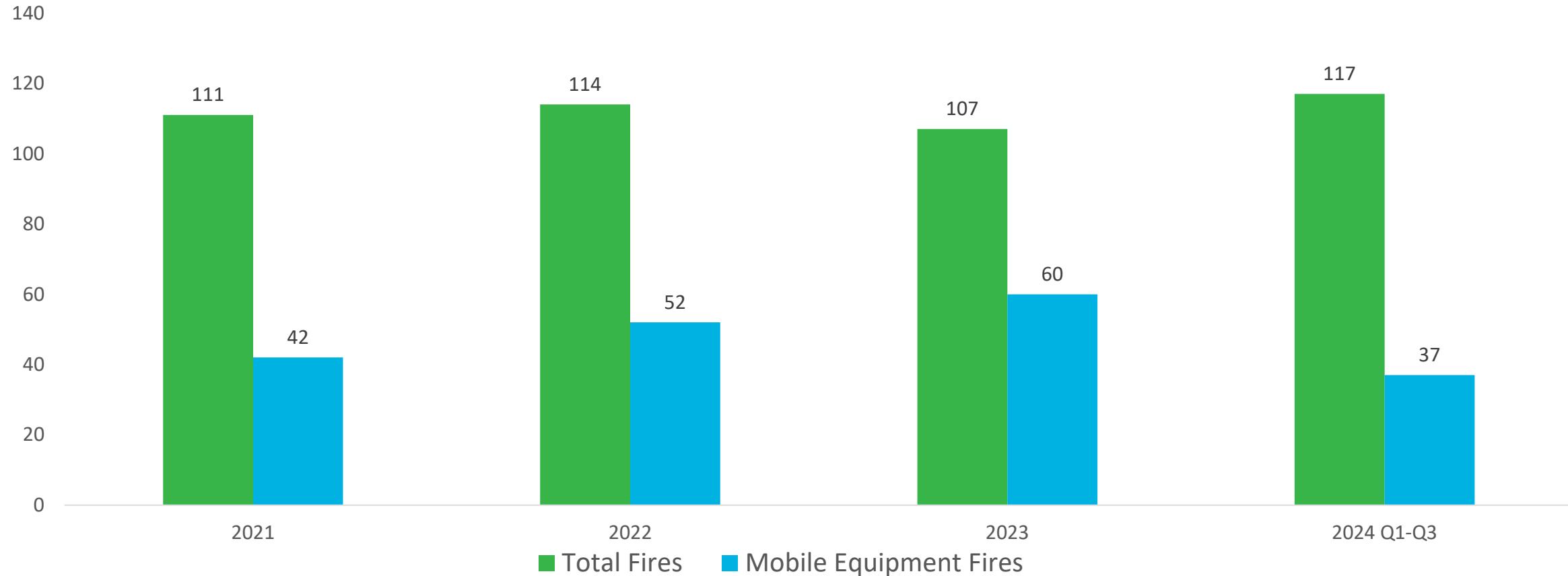
Mining Allowed Claims WSIB (data maturity: 8/31/2024 – downloaded 10/22/2024)

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							
B: Mining, LT ALLOWED CLAIMS					B: Mining, NLT ALLOWED CLAIMS							
2020	227	379	359	255	125	1,036	1,202	1,284	1,373	849		

Reported Fire Events 2024 Q1-Q3



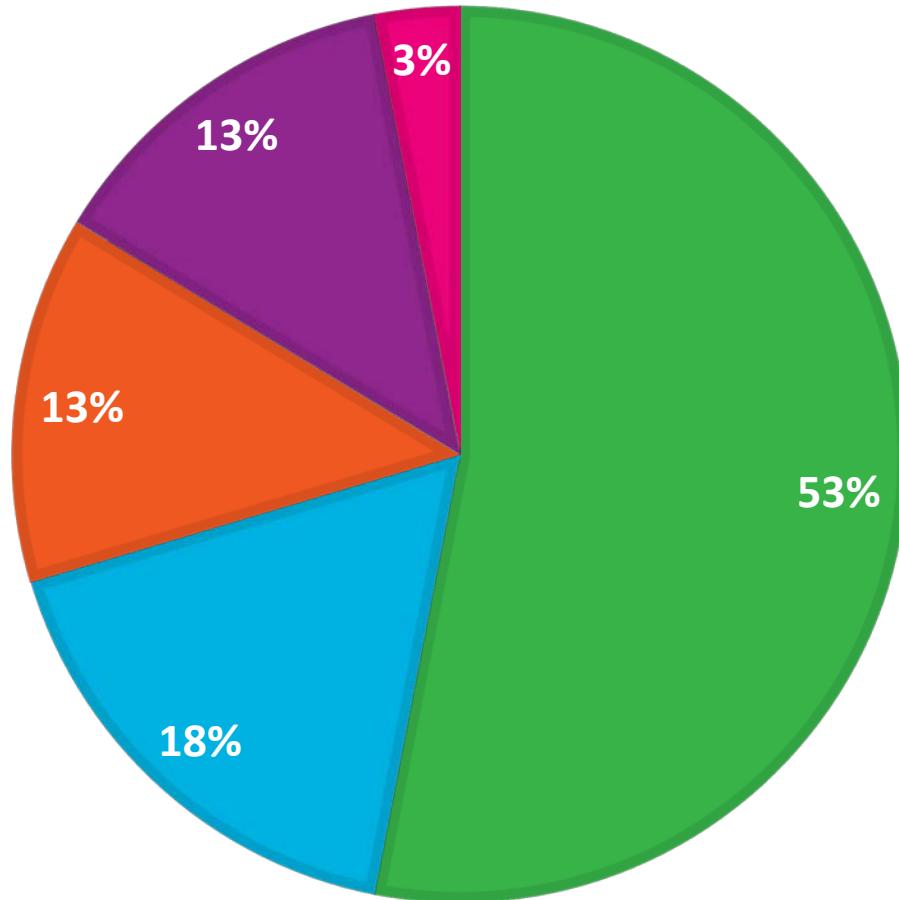
Reported Fire Events to the MLITSD



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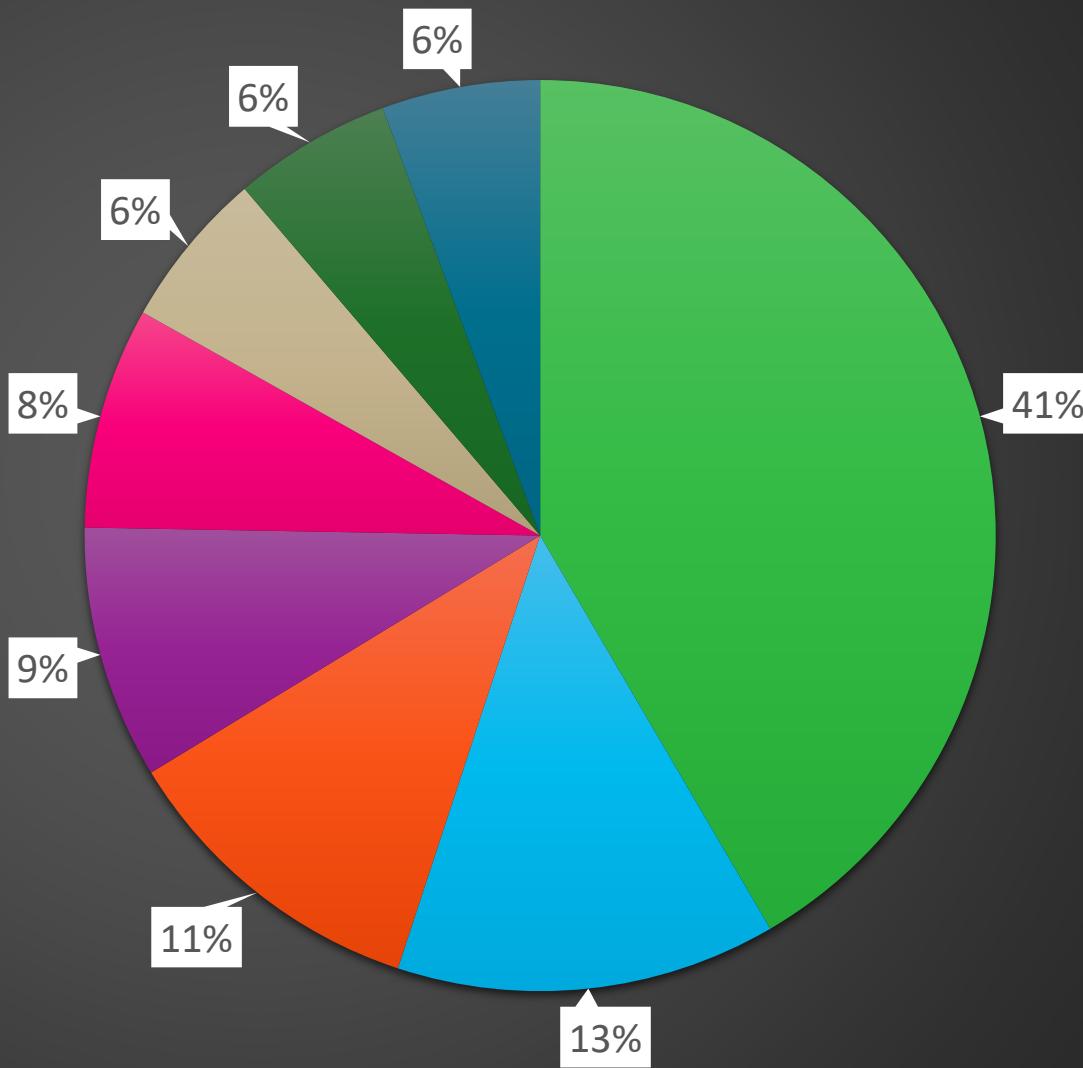
2024 Q1 – Q3 Fire Events by Sector

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



Types of Fires Q1-Q3 2024

- MOBILE EQUIPMENT DIESEL
- HOT WORK
- ELECTRICAL
- LIGHT VEHICLE
- MAN CARRIER
- PROCESS
- UNKNOWN
- FIXED PLANT



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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
IEC - 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

