



Sedibelo Platinum Mines – Pilanesberg Platinum Mine

SCRAPER WINCHES INCIDENTS ANALYSIS

MOSH Transport & Machinery Team | 31 July 2026

Silverstar Casino, Muldersdrift

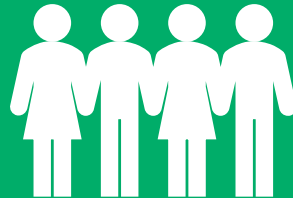


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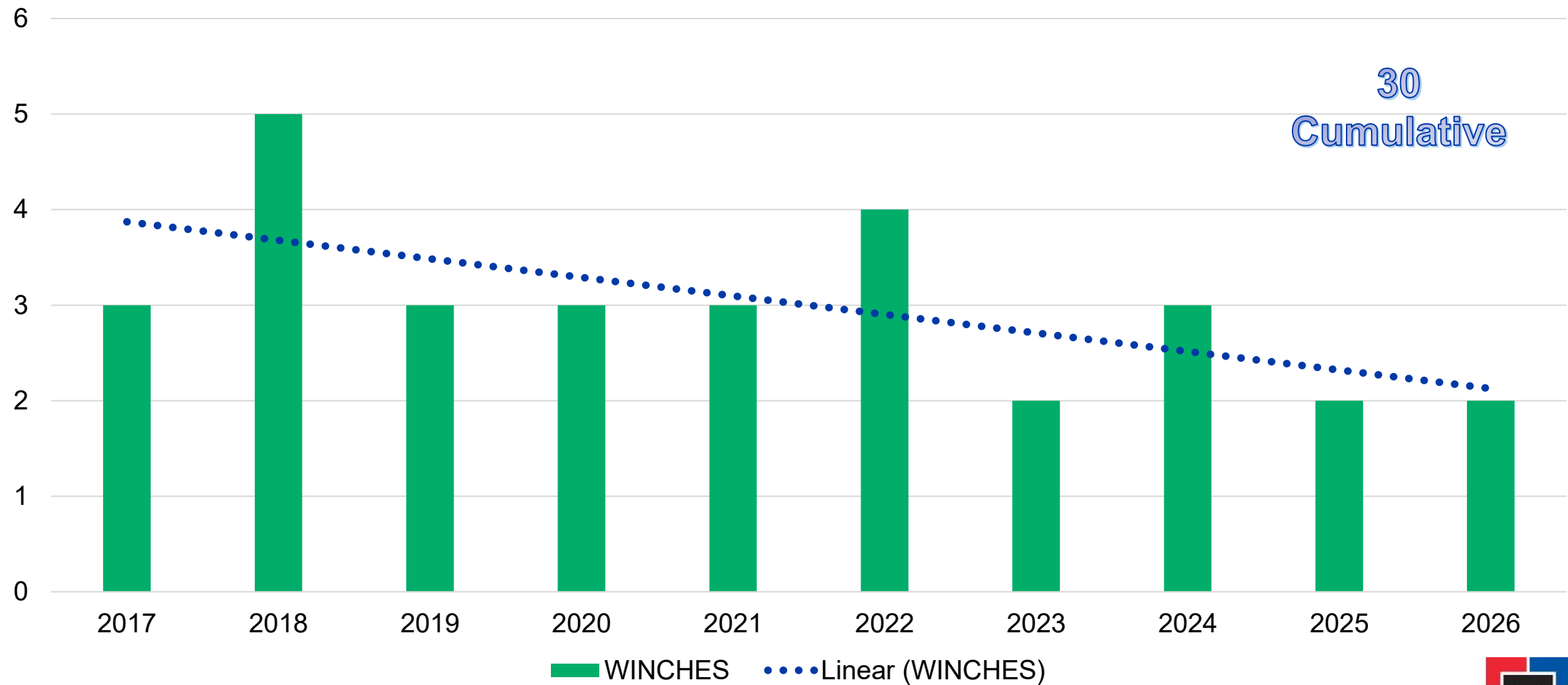
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Scraper Winches Fatality Trend



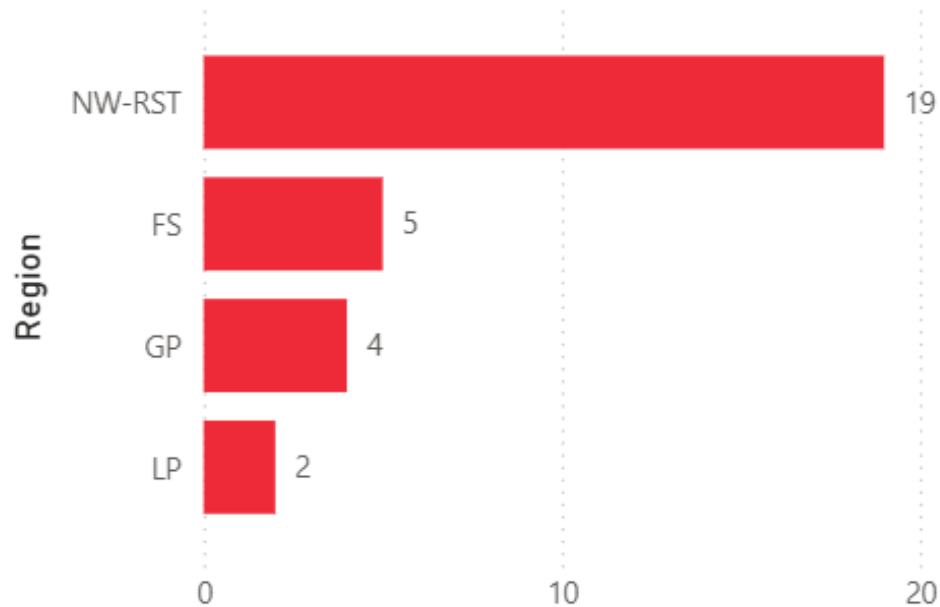
Total WINCHES Fatality Trend



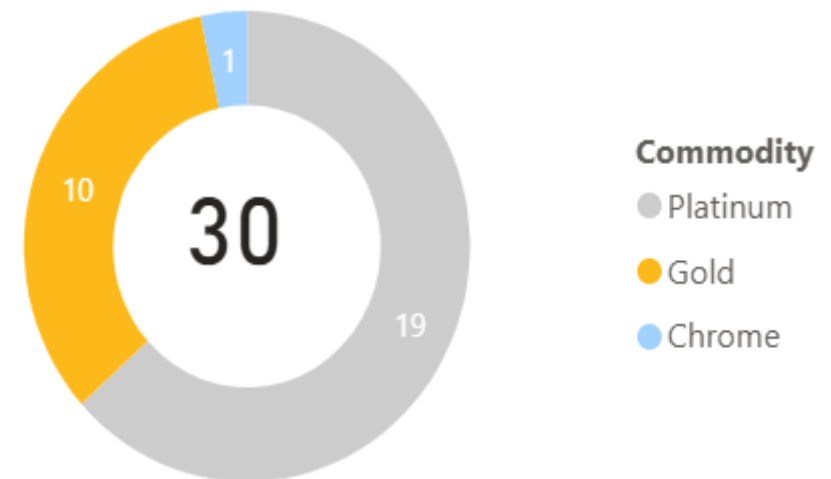
Where Are The Fatalities Happening?



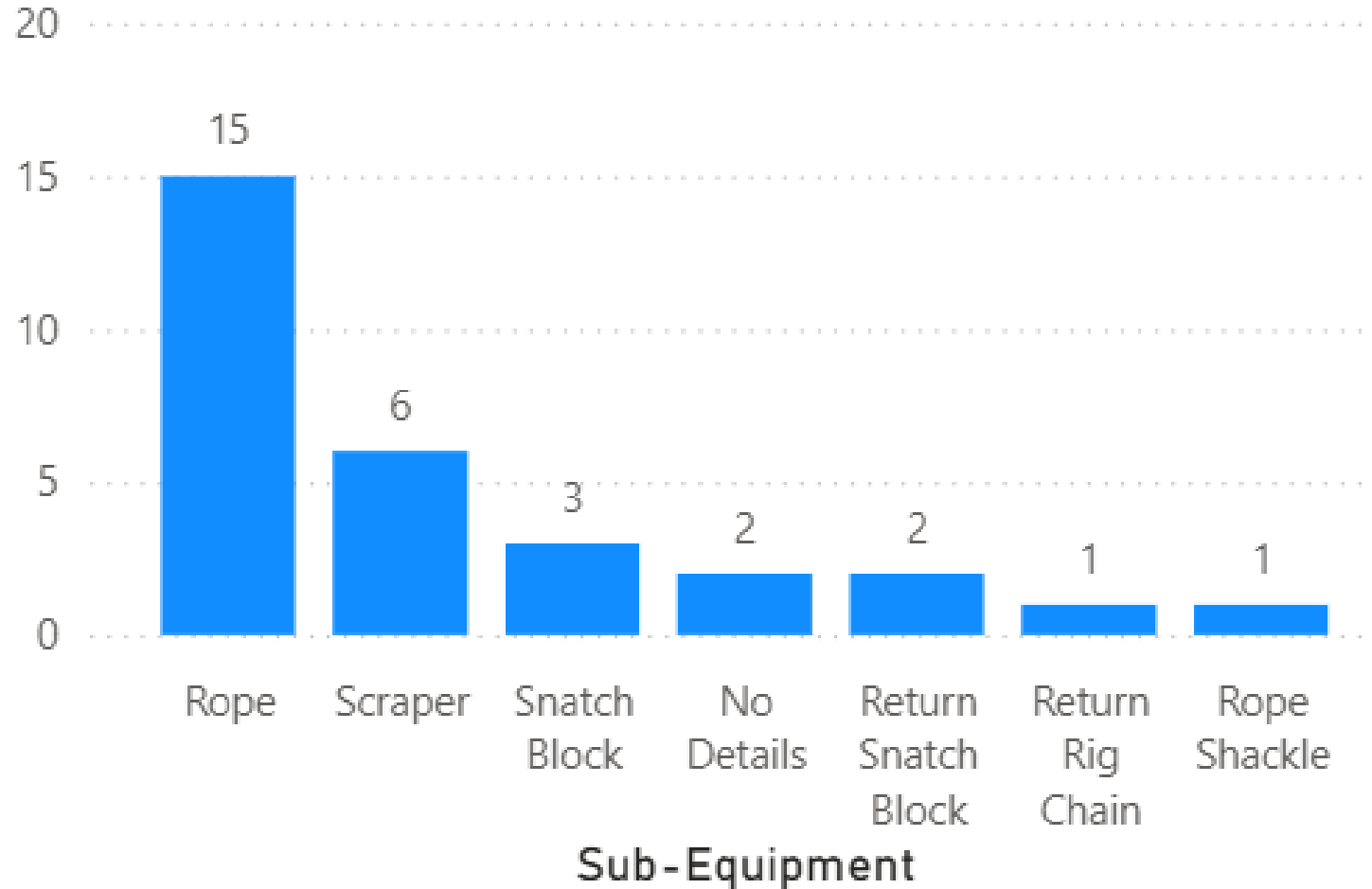
Fatalities by region



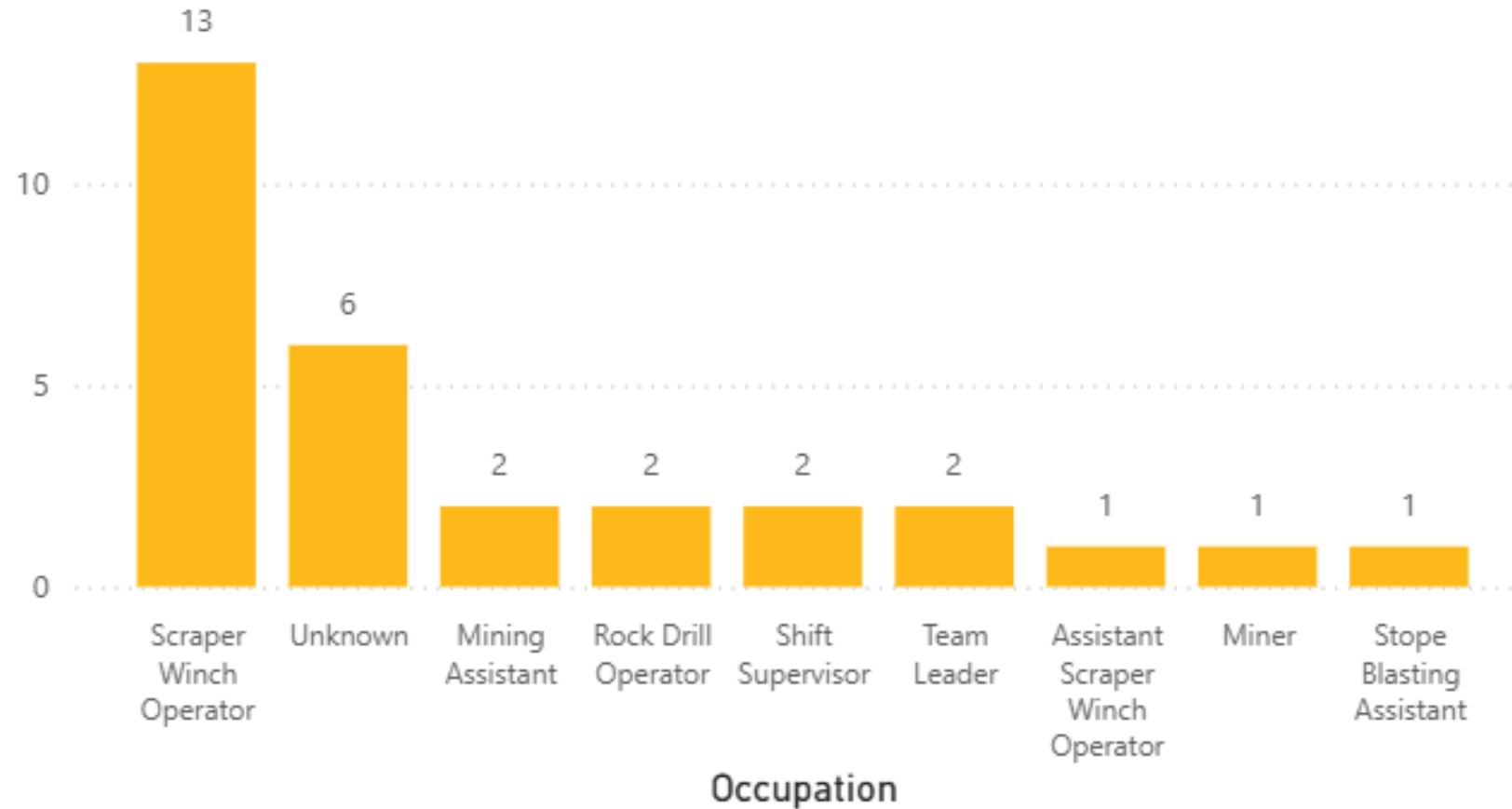
Fatalities by commodity



Equipment Involved



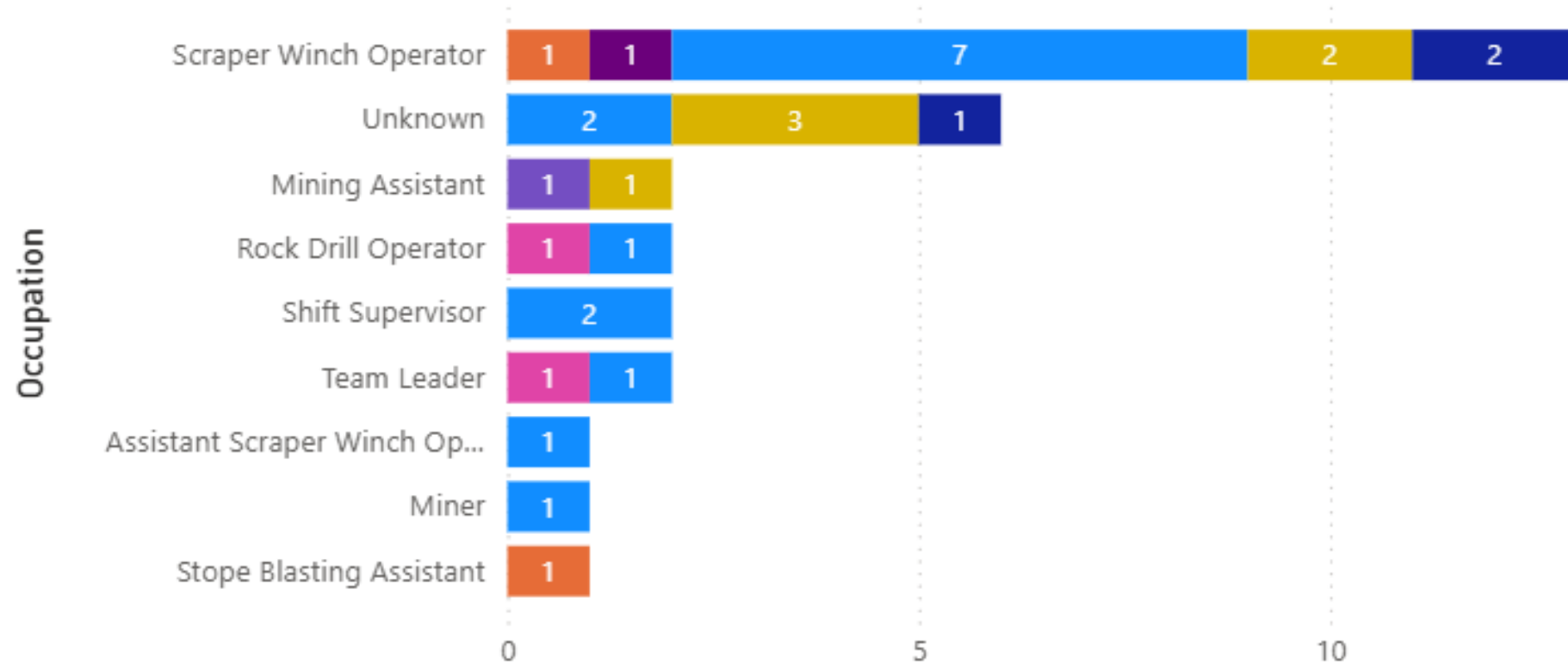
Fatalities By Occupation



Fatalities by Occupation & Equipment



Sub-Equipment ● No Details ● Return Rig C... ● Return Snat... ● Rope ● Rope Shac... ● Scraper ● Snatch Bl...



MOSH T&M Fatalities Analysis Dashboard



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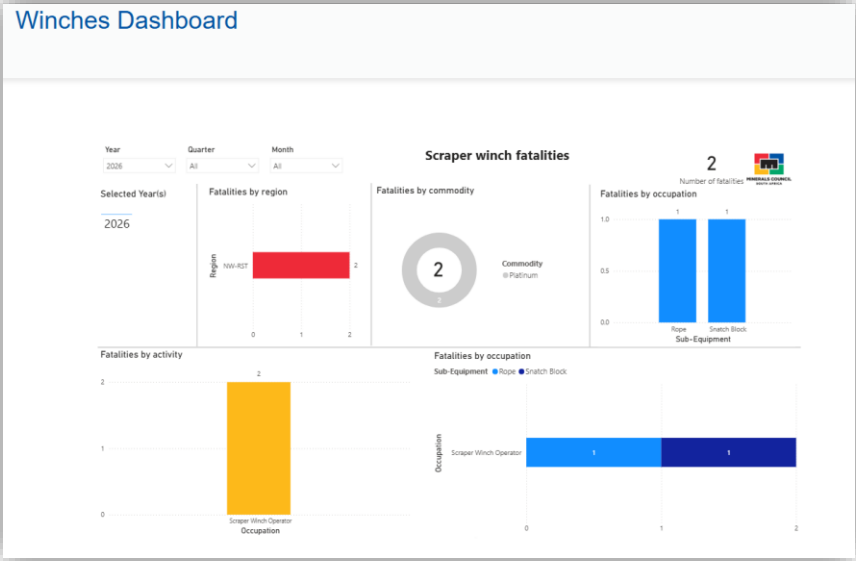
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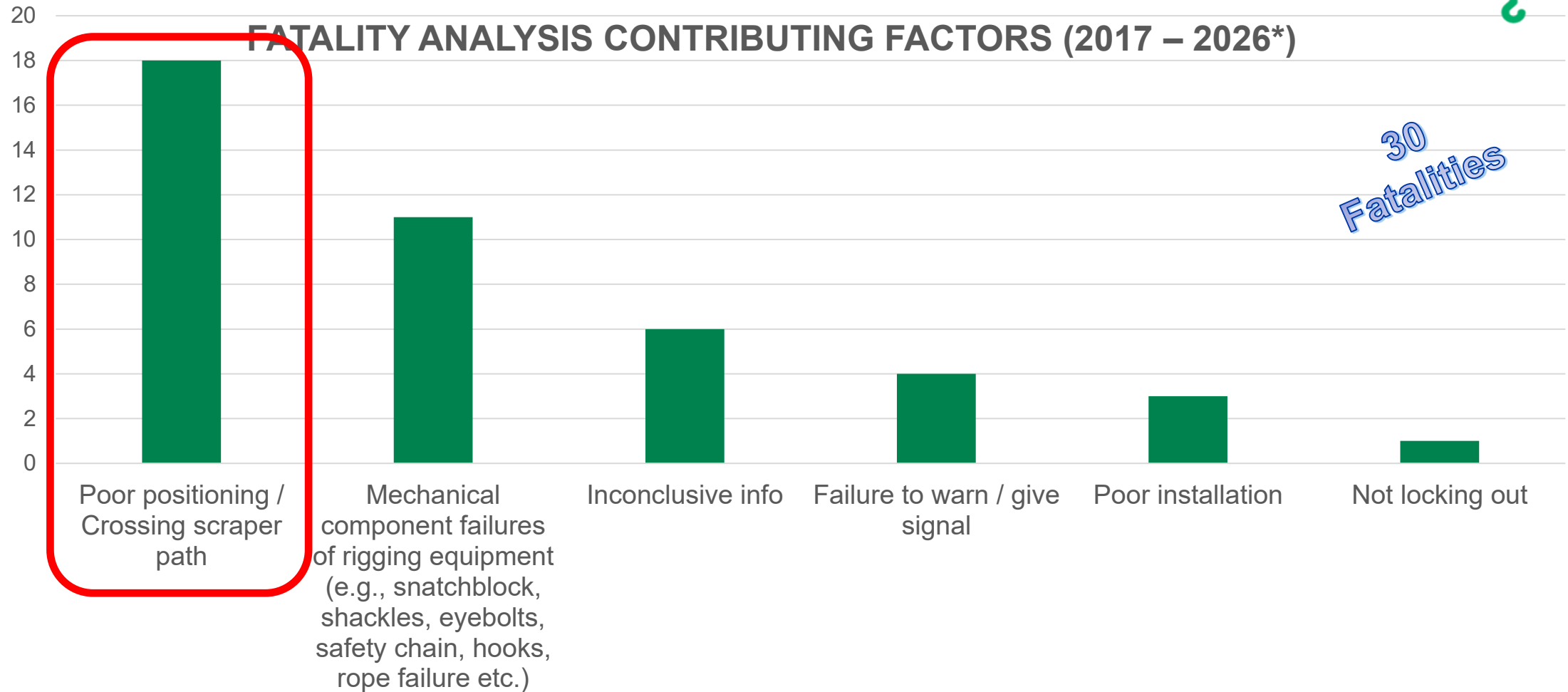
RBE Dashboard TMM Dashboard Winches Dashboard



SCRAPER WINCHES FATALITY CONTRIBUTING FACTORS ANALYSIS



Scraper Winches- Fatality Contributing Factors

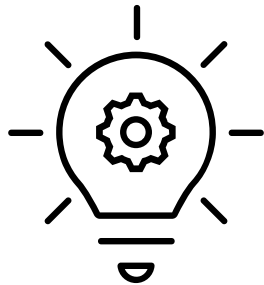


Fatality Analysis- Observations / Recommendations



(1) Warning devices along the entire length of the winch installation such as electronic winch signaling devices.

(2) Winch proximity detection systems for automatic stopping of winches when persons enter the scraper path.



(3) More rigorous inspection protocols for the winch installation and associated rigging equipment (ropes, snatchblocks, shackles, eyebolts, chains, etc.).



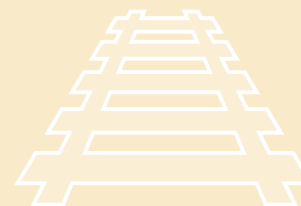
1.
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SCRAPER WINCHES INDUSTRY INITIATIVES

- On average responsible for at least 3 fatalities per year.
- Established a Special Task team on Winches and accessories:
 - Find best practices & improve on current standard procedures – In Progress
 - Research ropeless cleaning methods - Done ✓
- Developing a Scraper Winches Compendium of Leading Practices following the “EMESRT 9 Levels of Control” model In Progress
- Mine Health and Safety Council Task Team on Winches & Rigging – Done ✓

**1,
Combined
T&M
Statistics**



**2.
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Initiatives**



**3.
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Next Steps

No.	ACTION	RESPONSIBILITY
1.	Commission research to develop evidence-based scraper winch rope integrity and condition monitoring strategies .	MHSC
2.	RDI of remote-controlled or PDS enabled scraper winches.	MHSC
3.	Develop and launch Scraper Winches Leading Practice.	Minerals Council
4.	Develop innovative training materials to enhance the competency and skills of the employees to effectively manage the safety risks associated with the operation of scraper winches	MHSC



Anglo American Platinum – Dishaba Mine

Thank you

#MiningMatters

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