

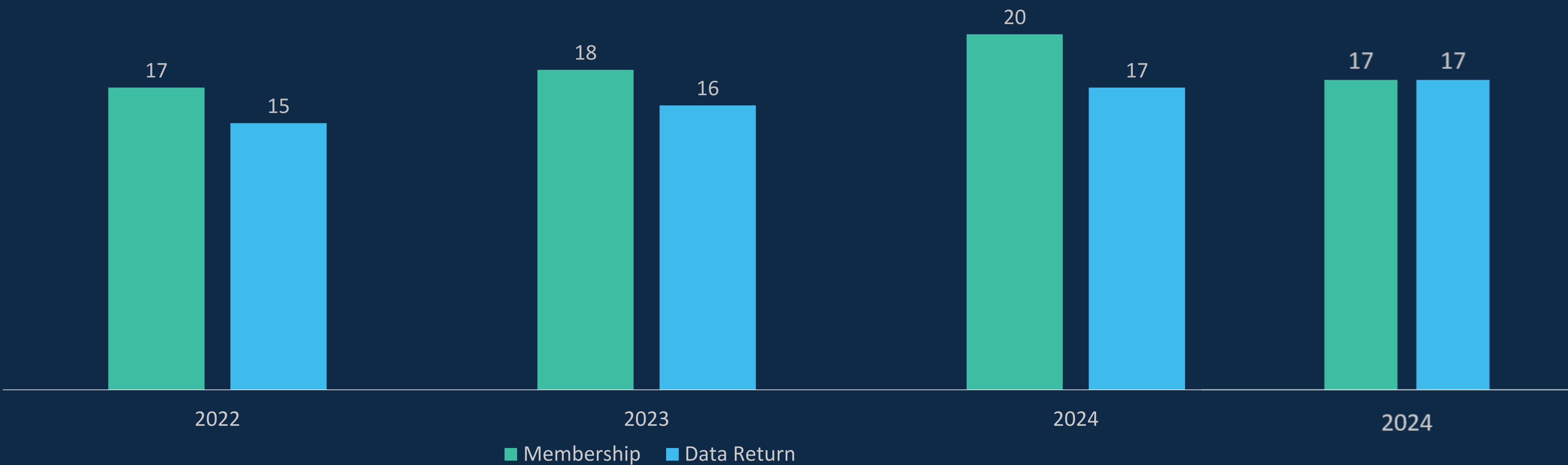


BTA Annual Safety Statistics

2024



Membership Data Return...



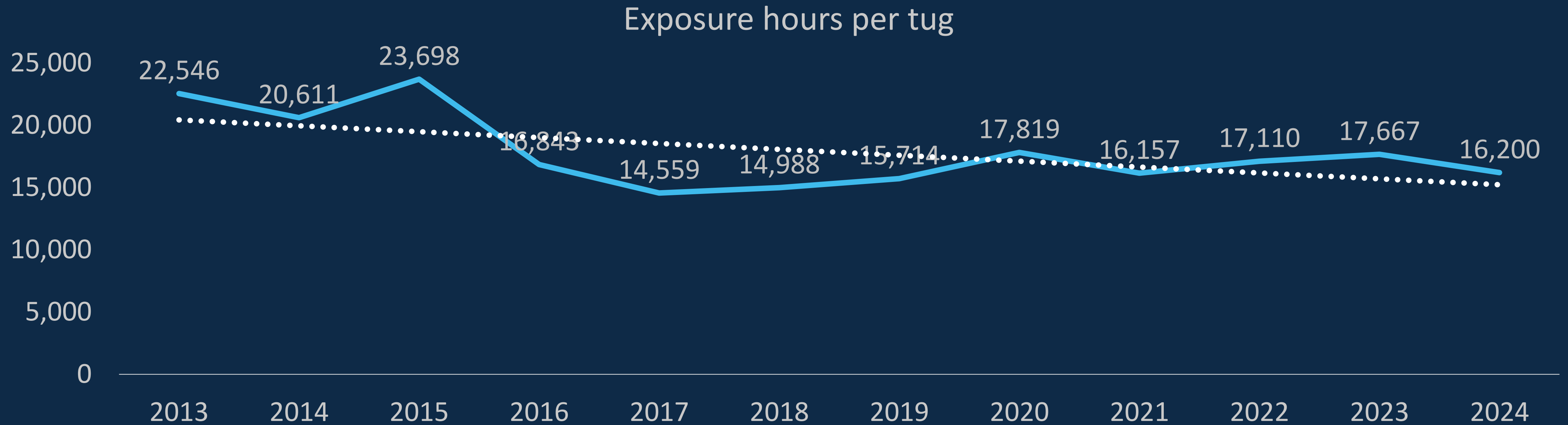


Exposure...

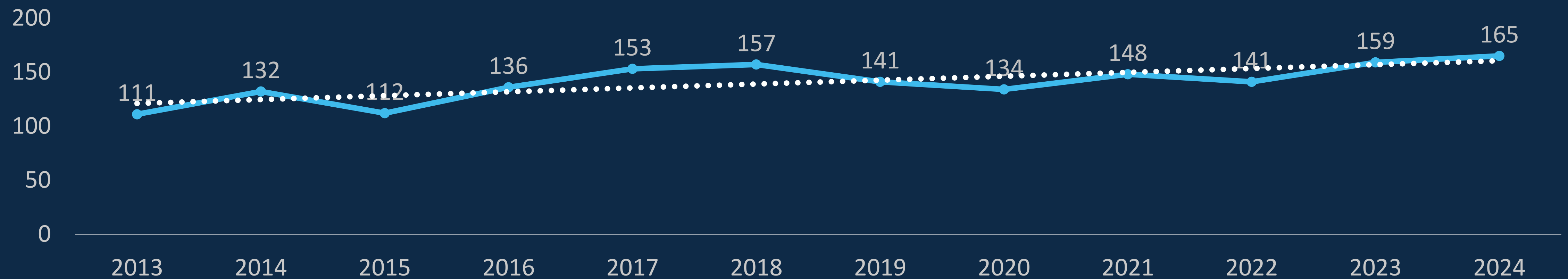




Exposure hours per tug



Members Tugs



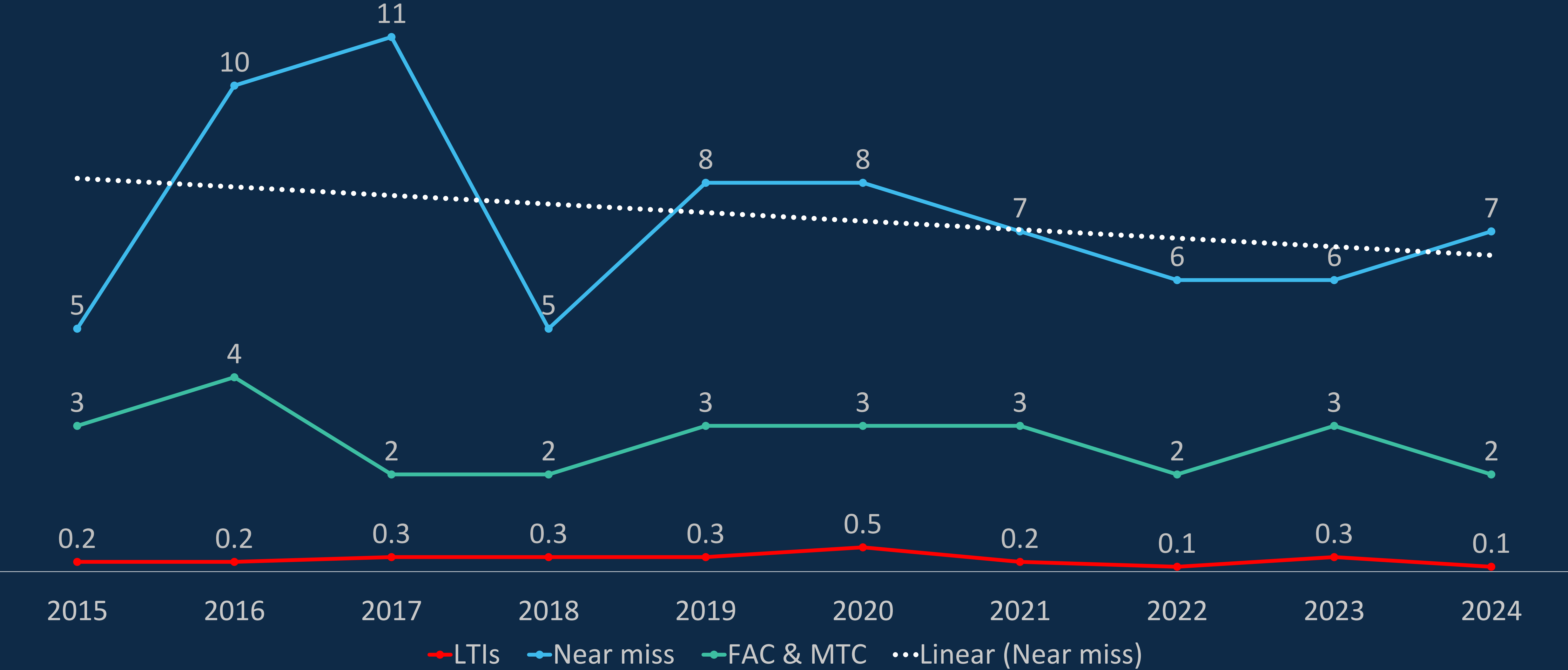
Fleet Size



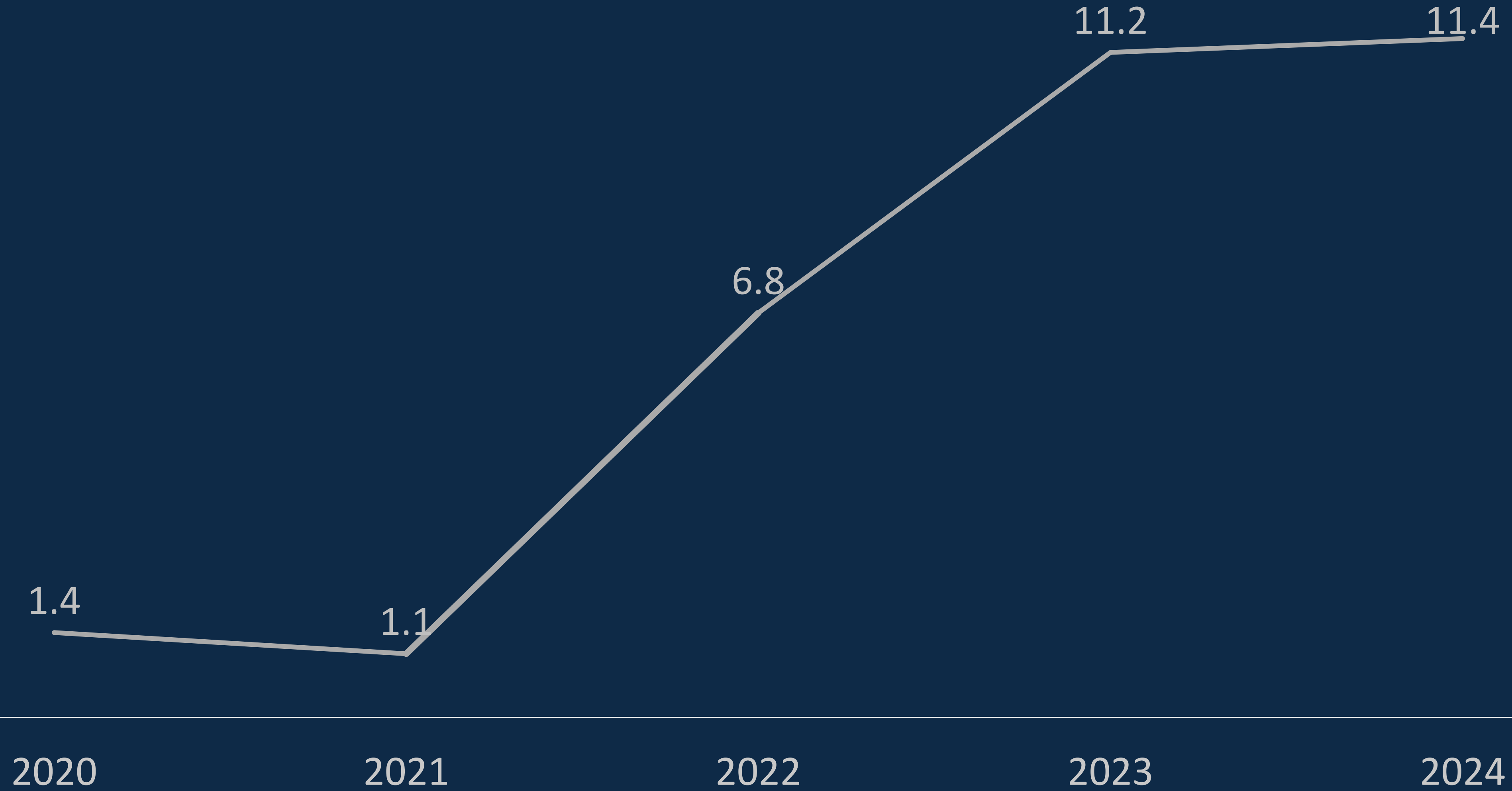
Reports per 100,000 Exposure Hrs



Reports per 100,000 Exposure Hours



Other reports – no injury per 100,000hrs

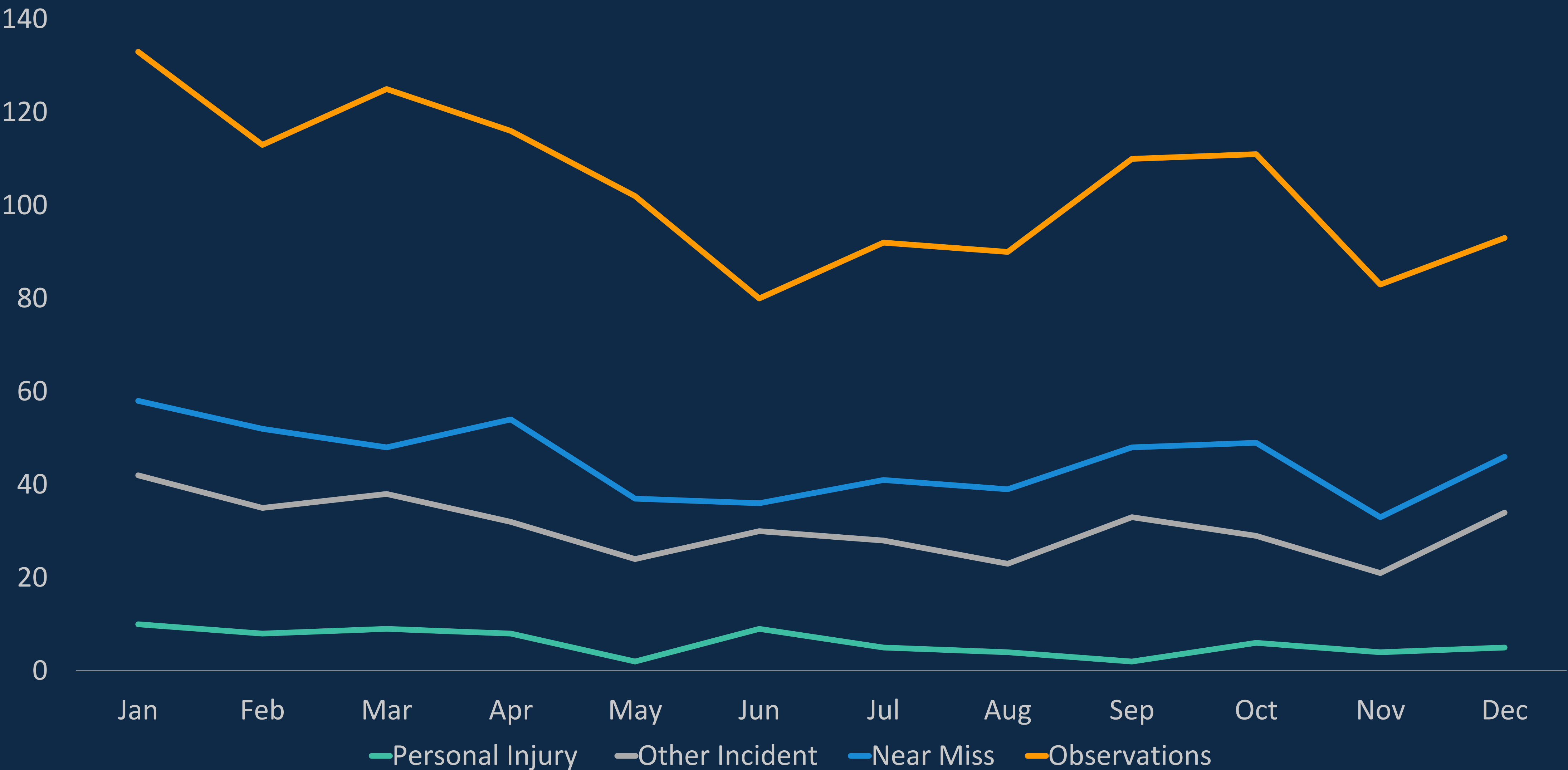




Seasonality?



Reports by Month





Reports by Activity...



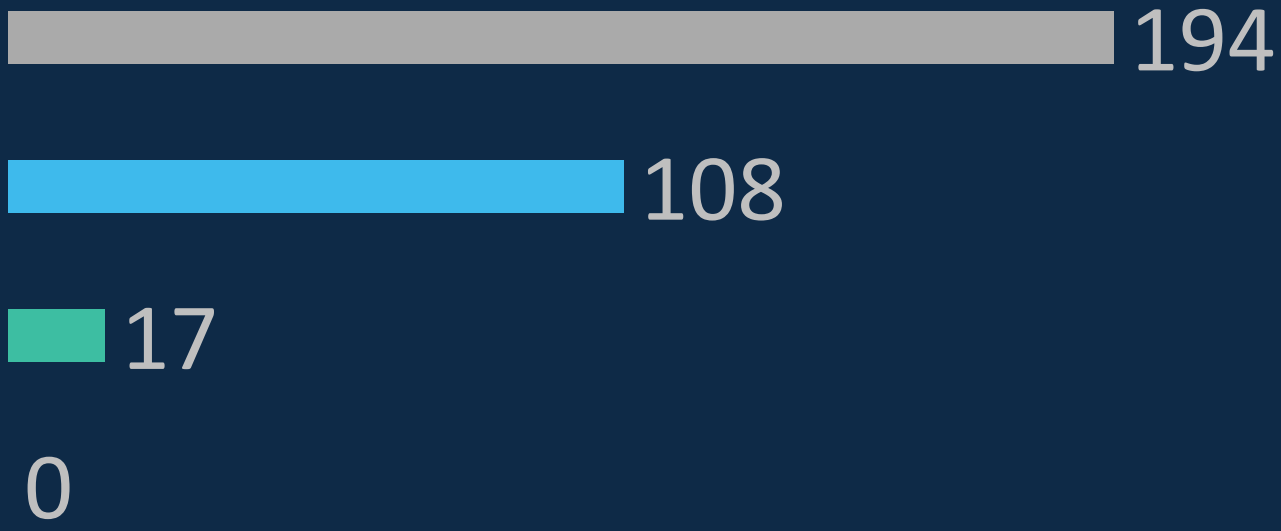
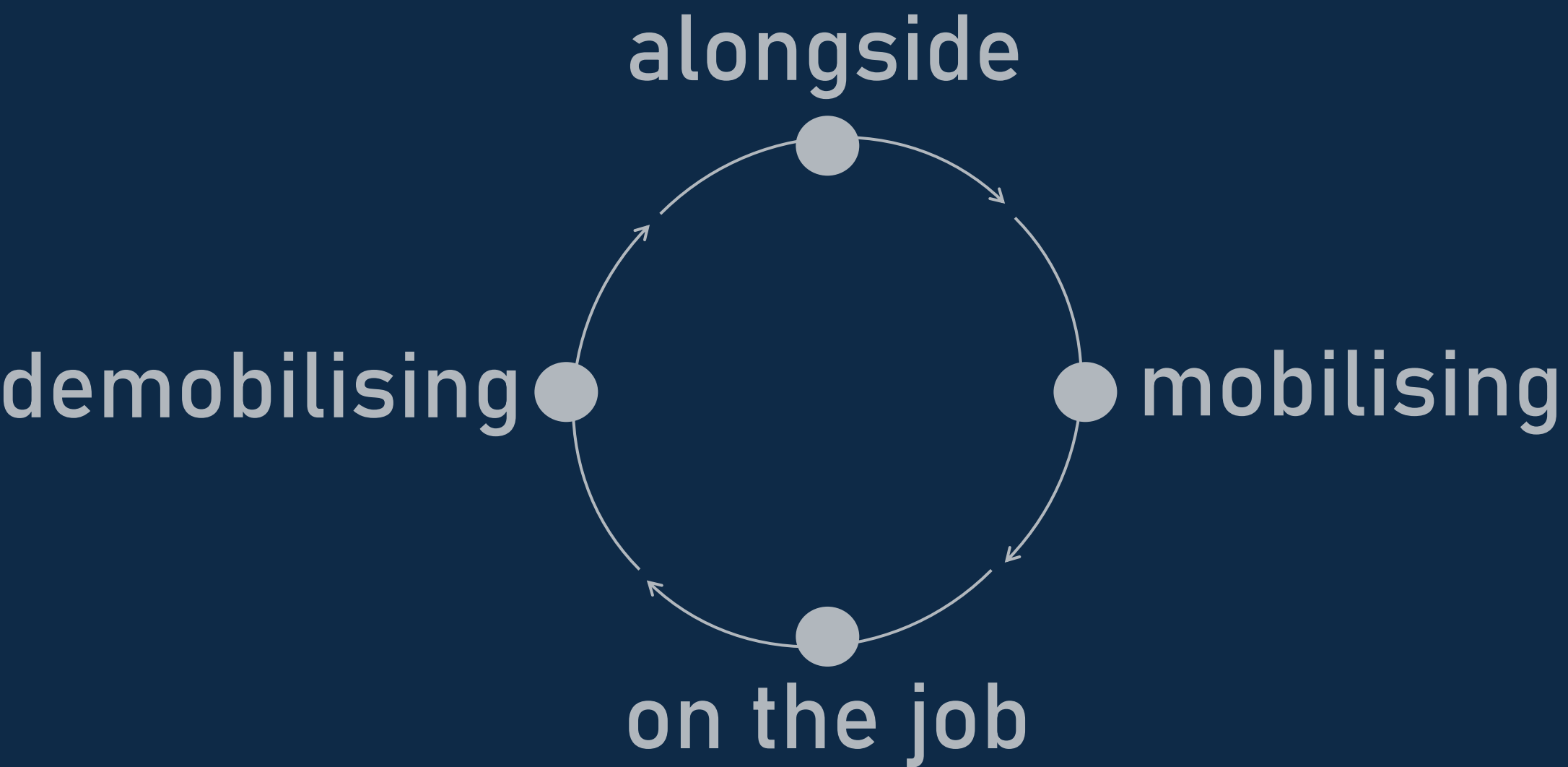
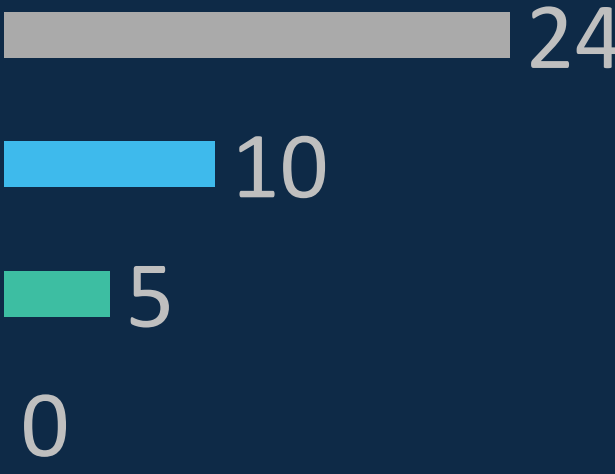


Other

Near
Miss

FAC &
MTC

LTI





Other

Near Miss

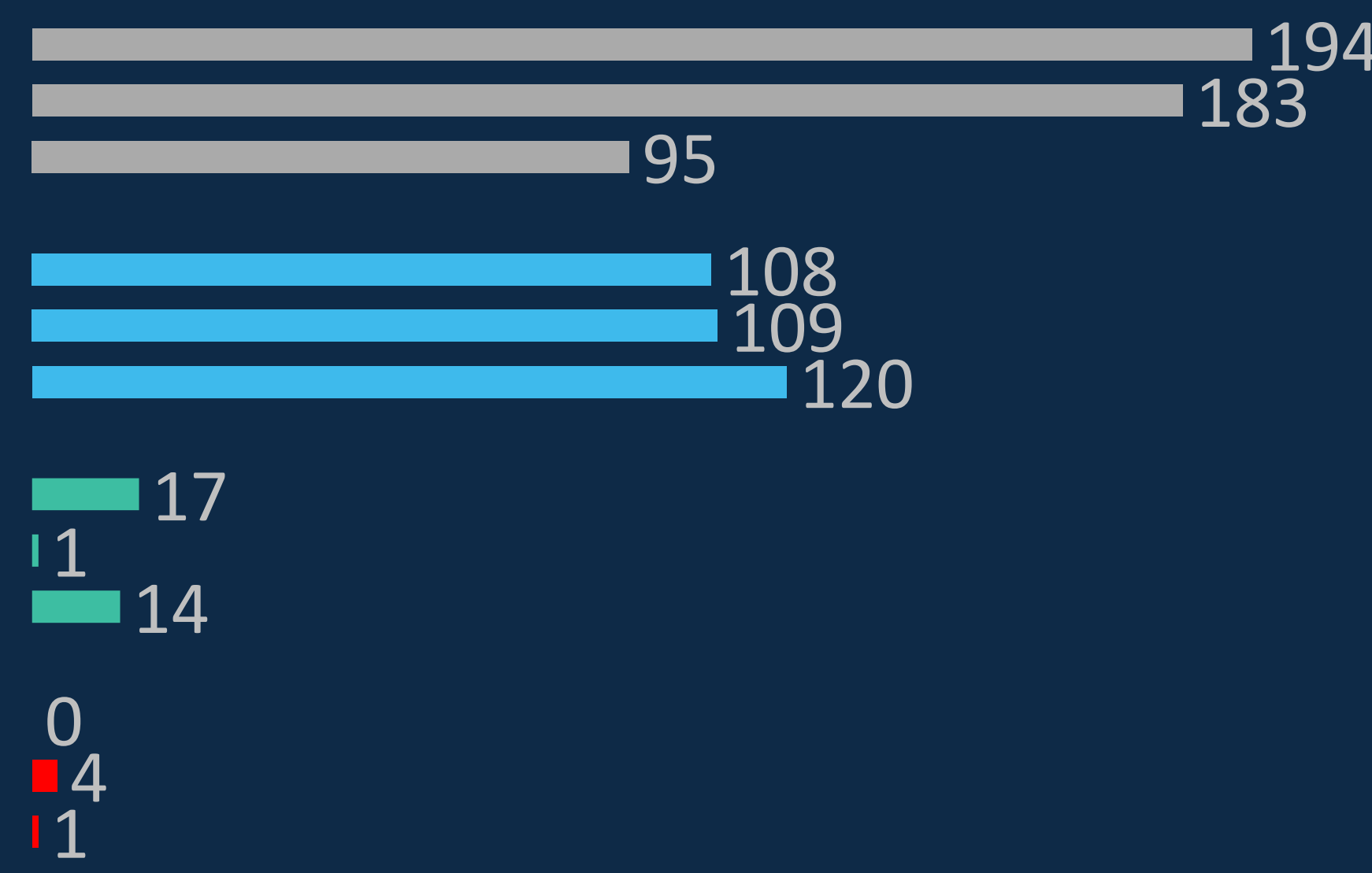
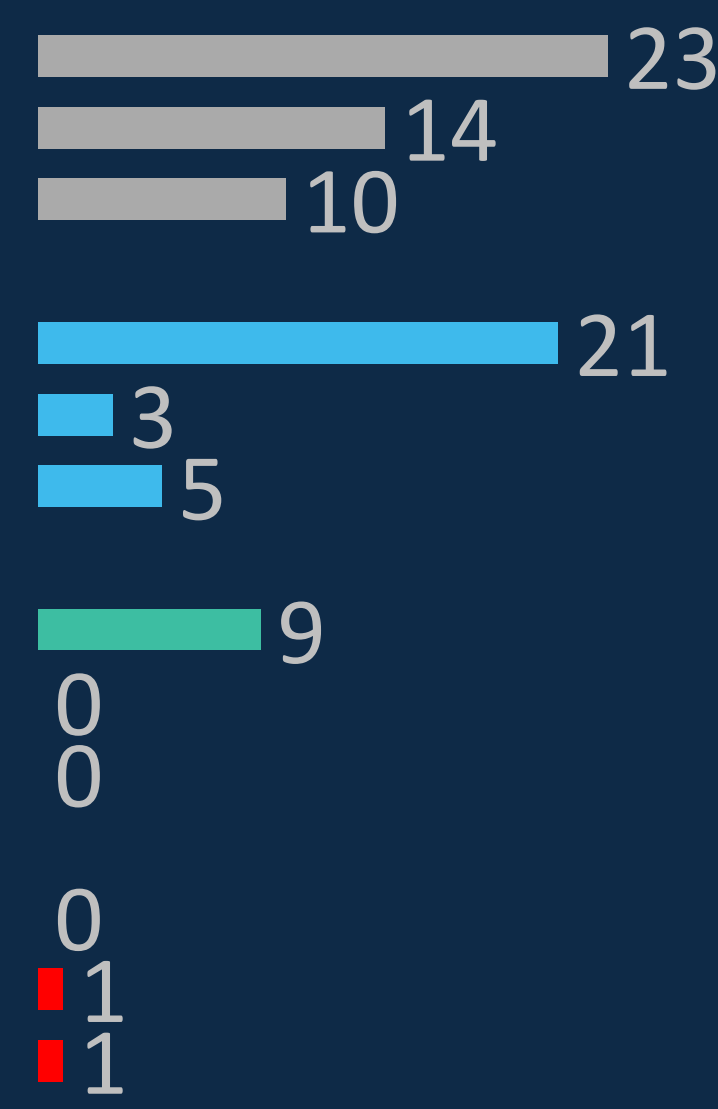
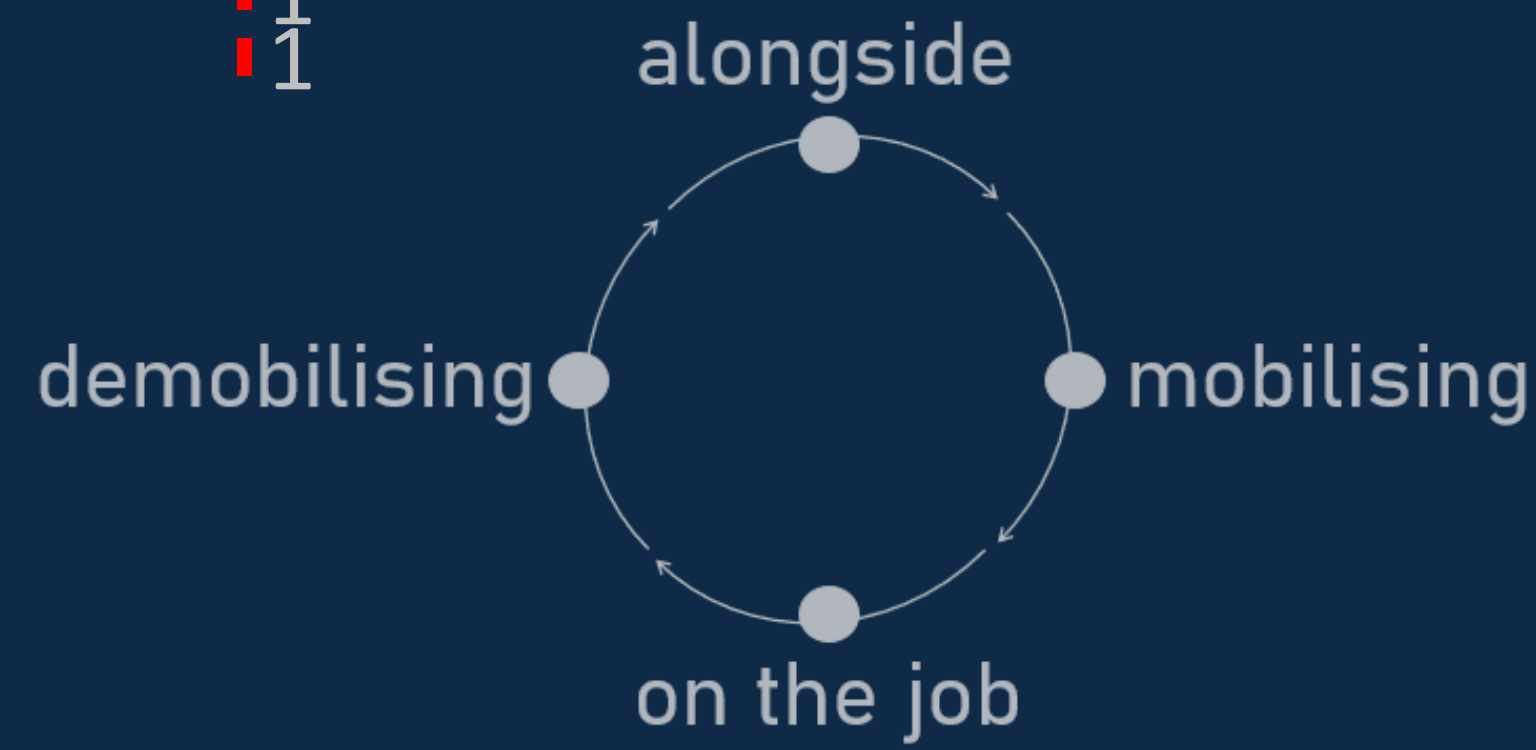
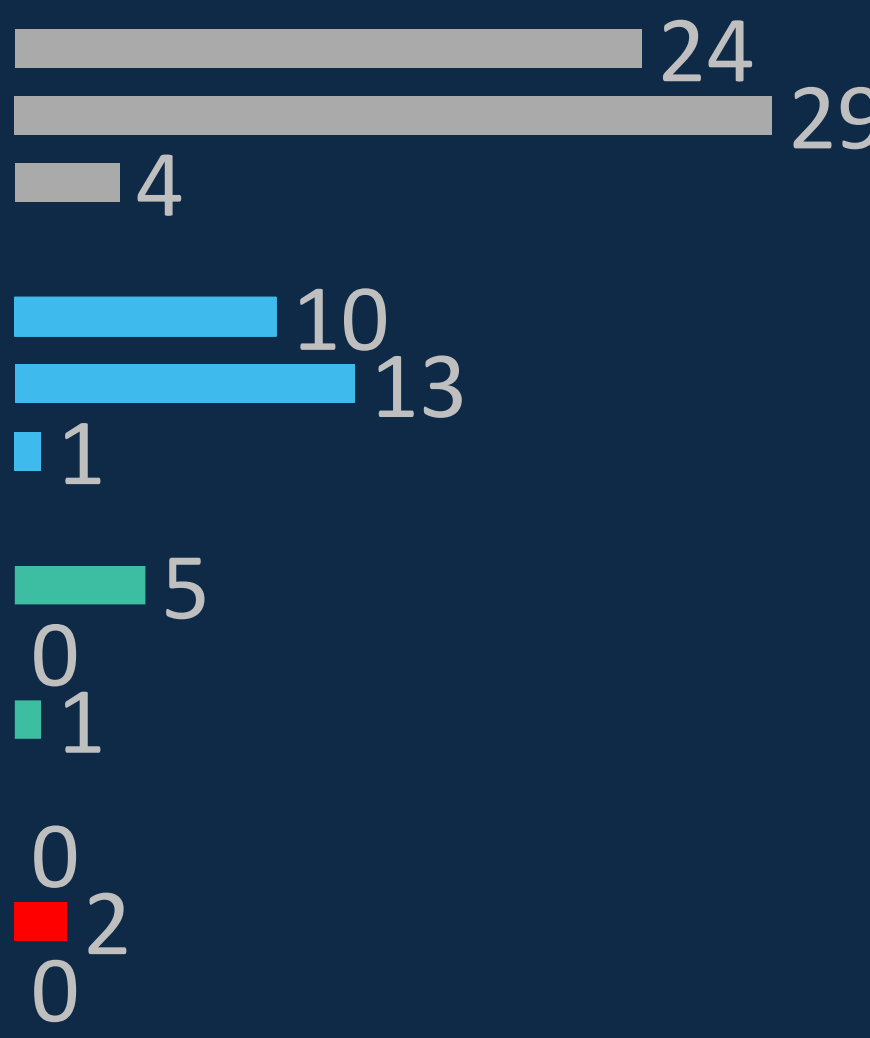
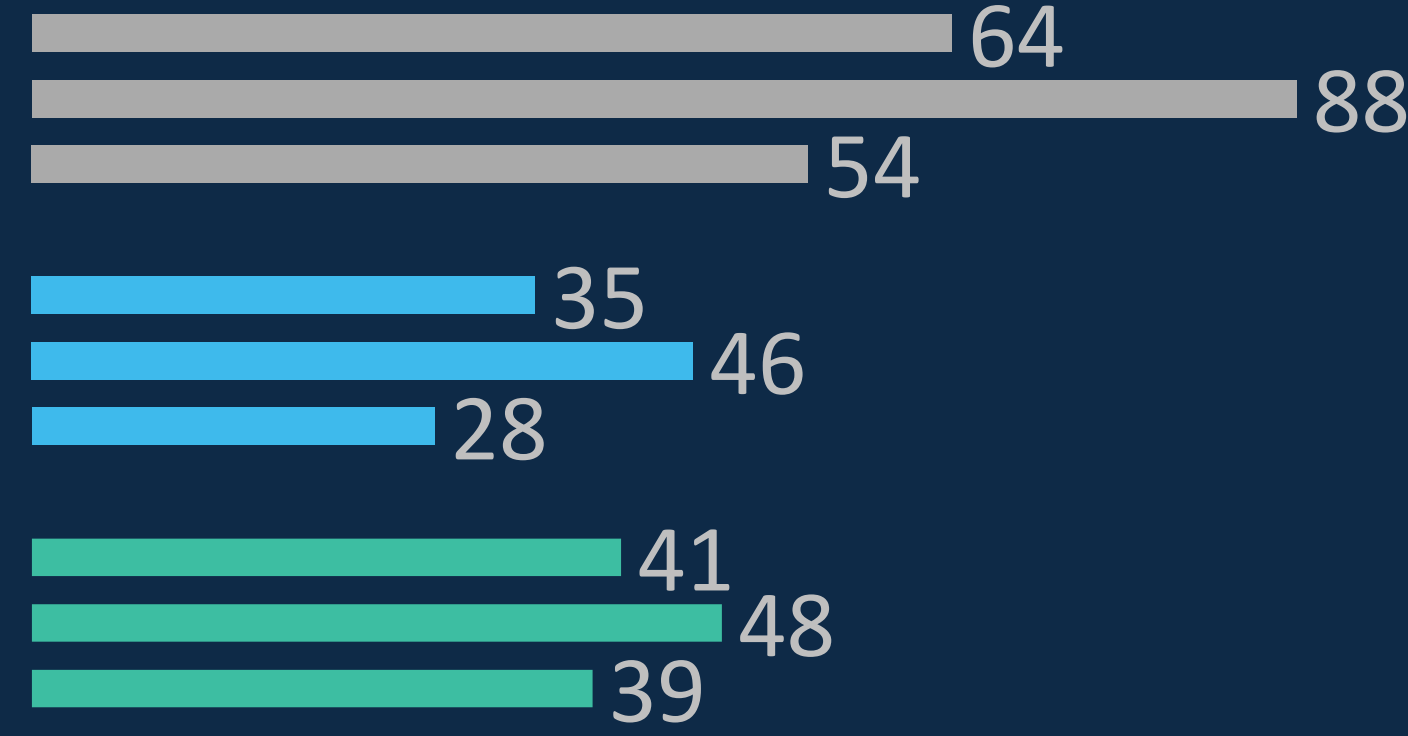
FAC & MTC

LTI

2024

2023

2021





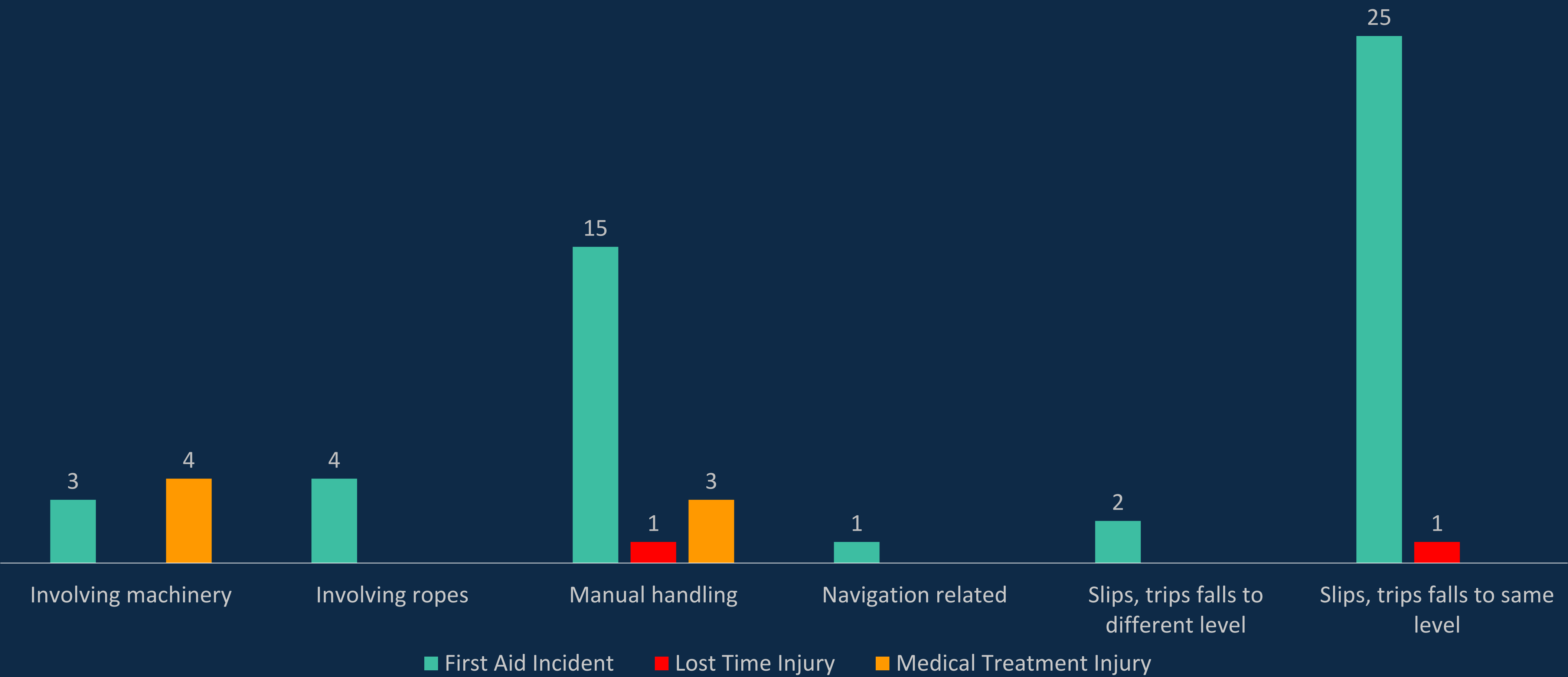
Reports by circumstance...



Personal Injury Incidents by Circumstance



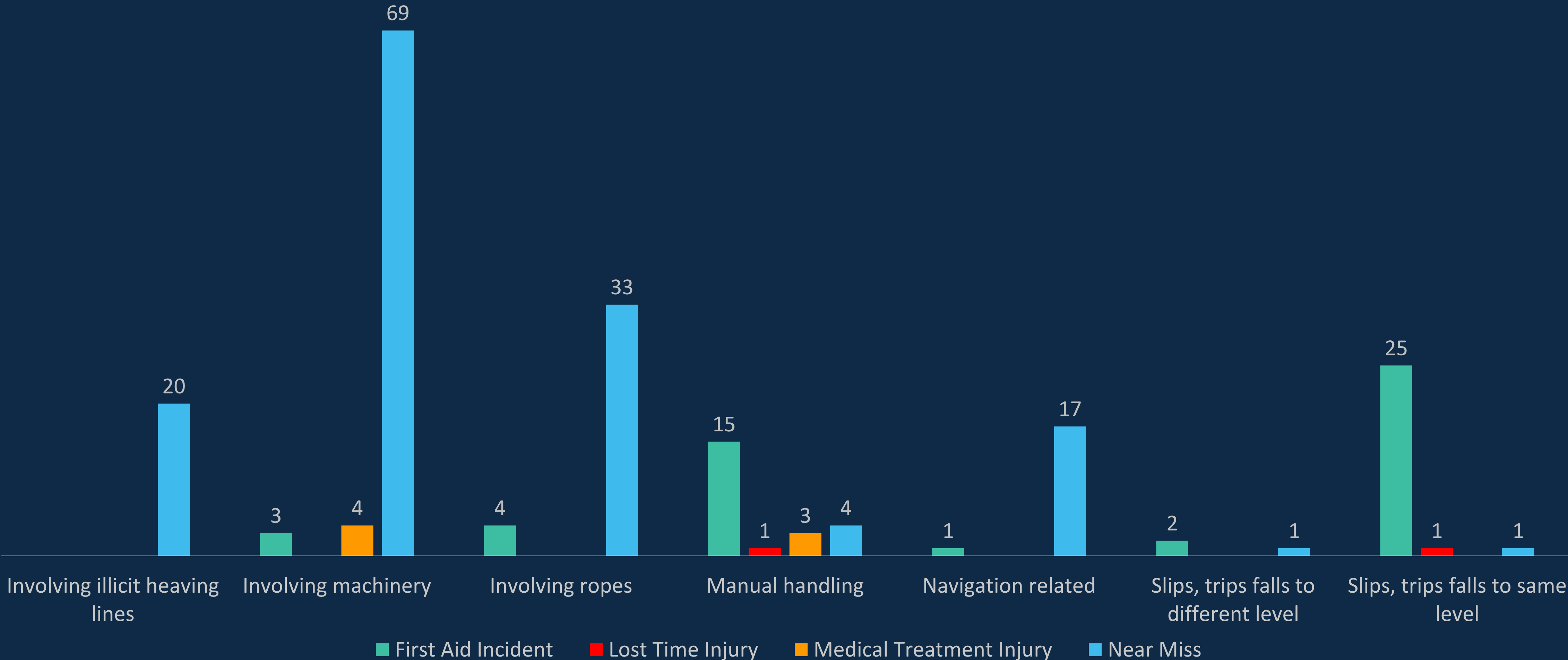
2024



Incidents & Near Miss by Circumstance



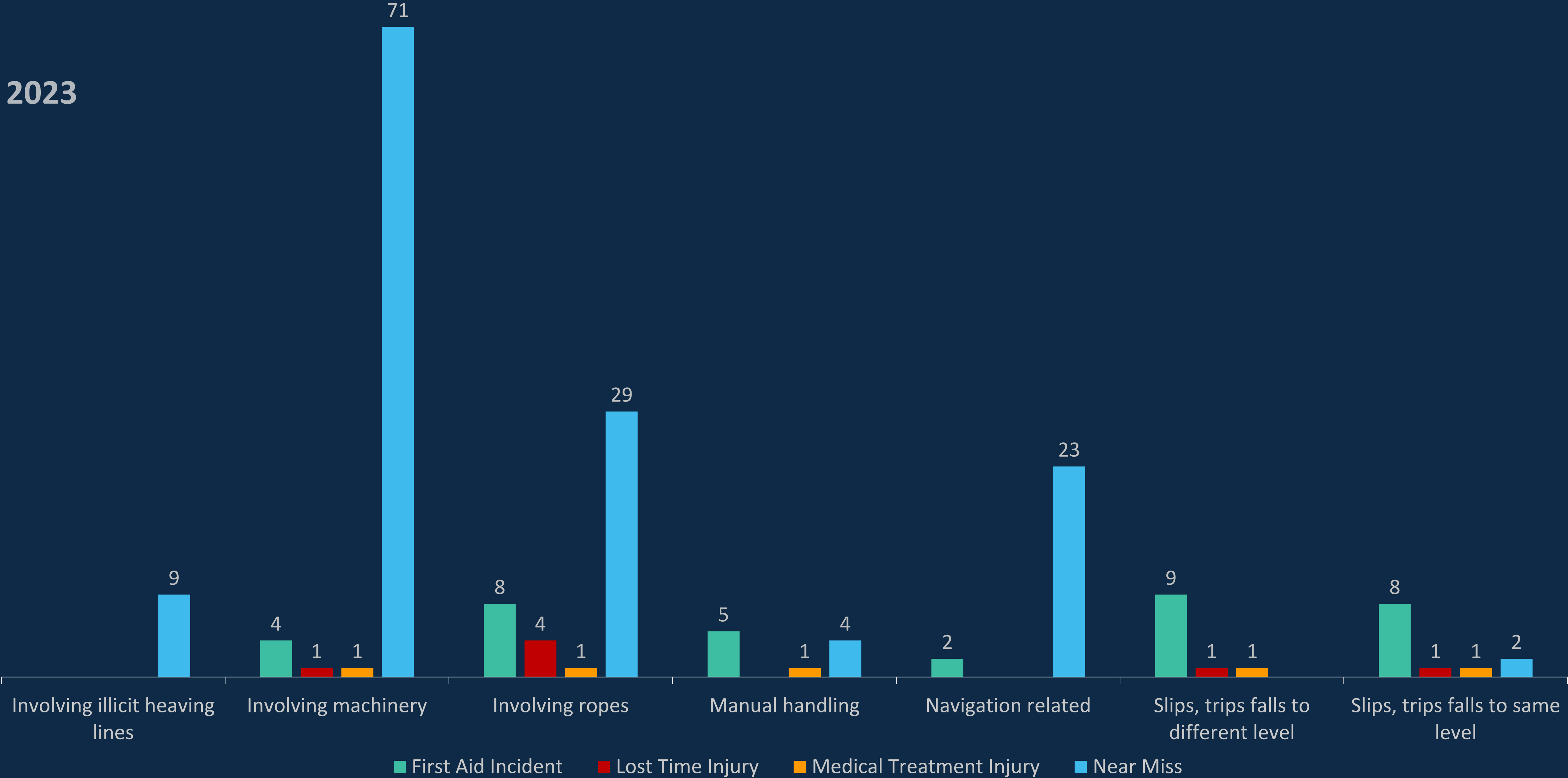
2024



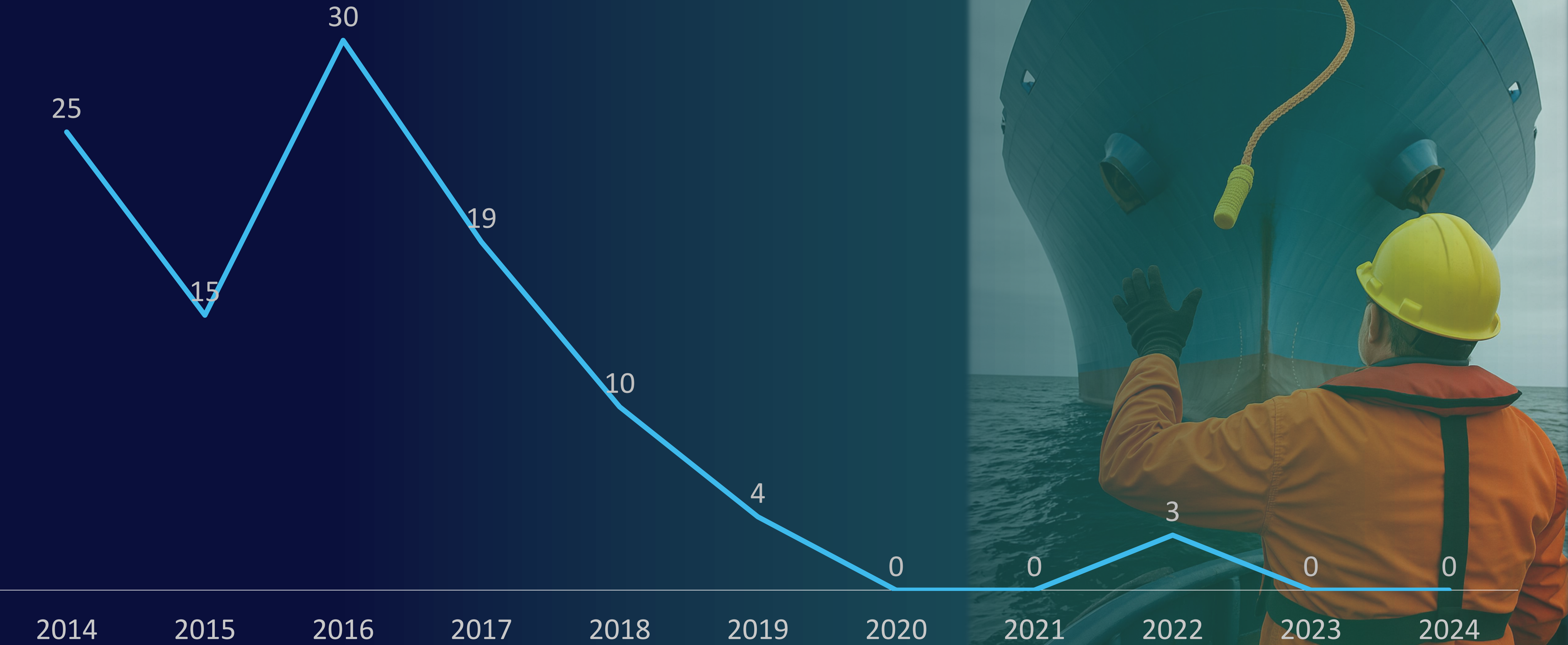
Incidents & Near Miss by Circumstance



2023

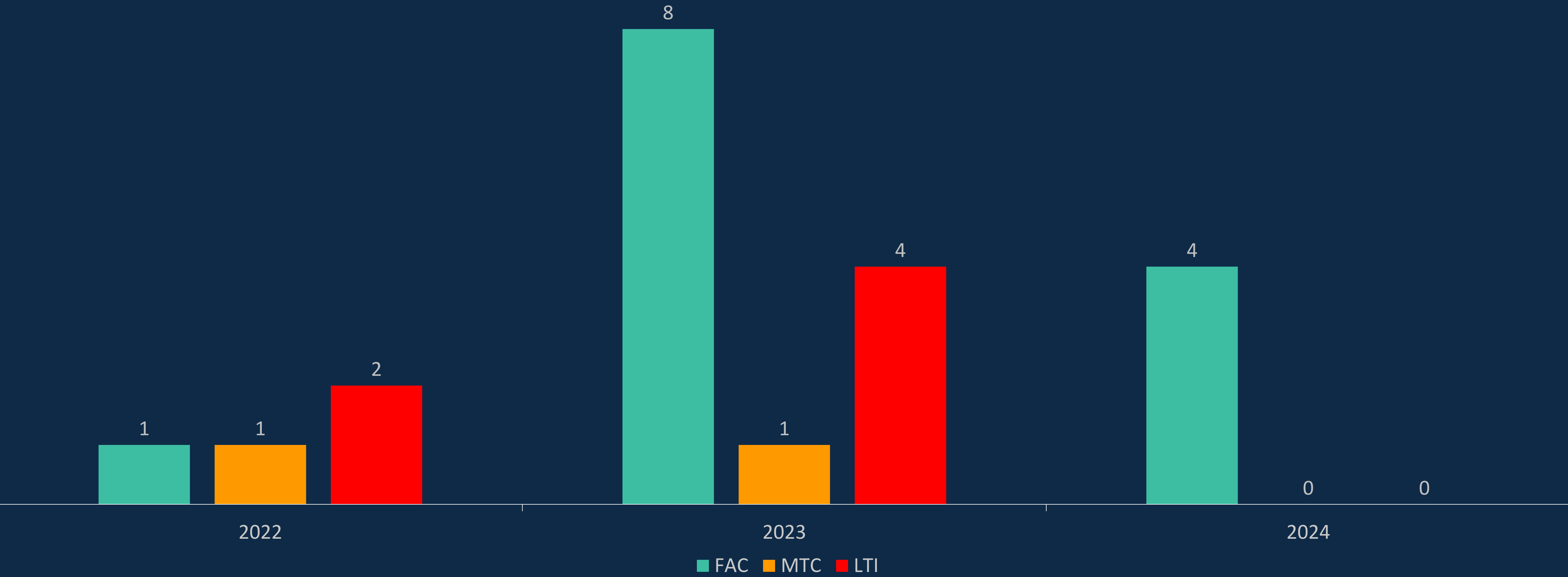


Incidents involving dangerously weighted heaving lines





Incidents involving ropes...





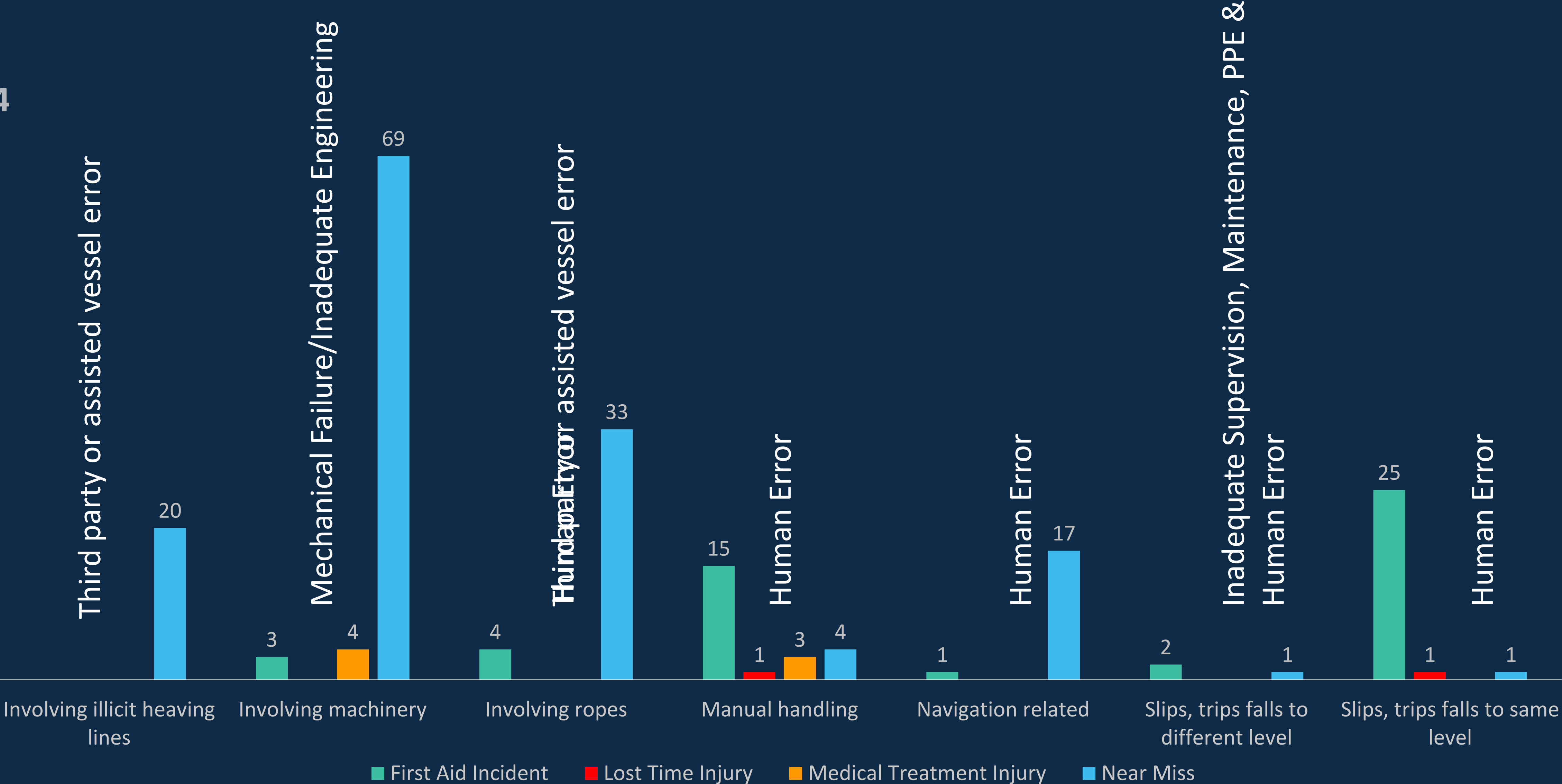
Root Causes...



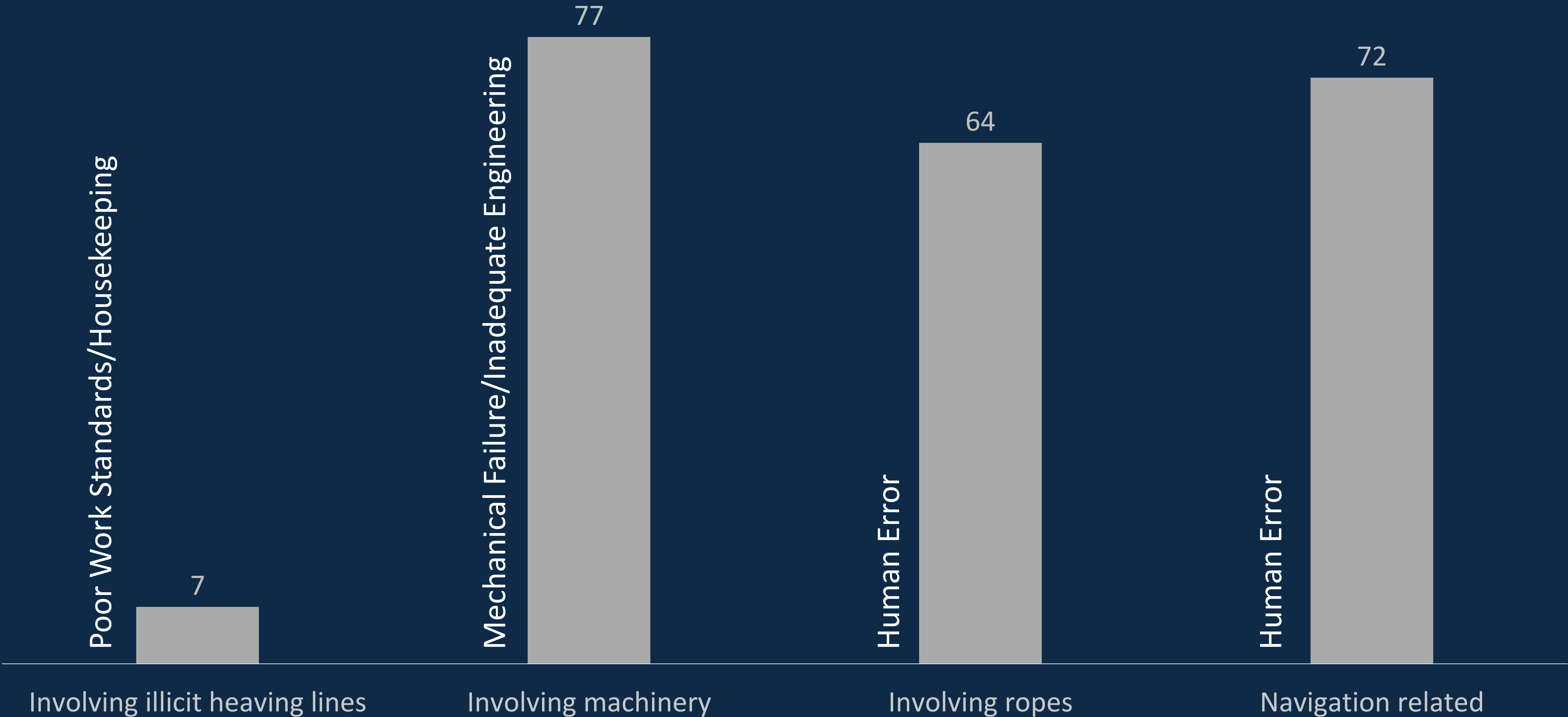
Events by Root Cause



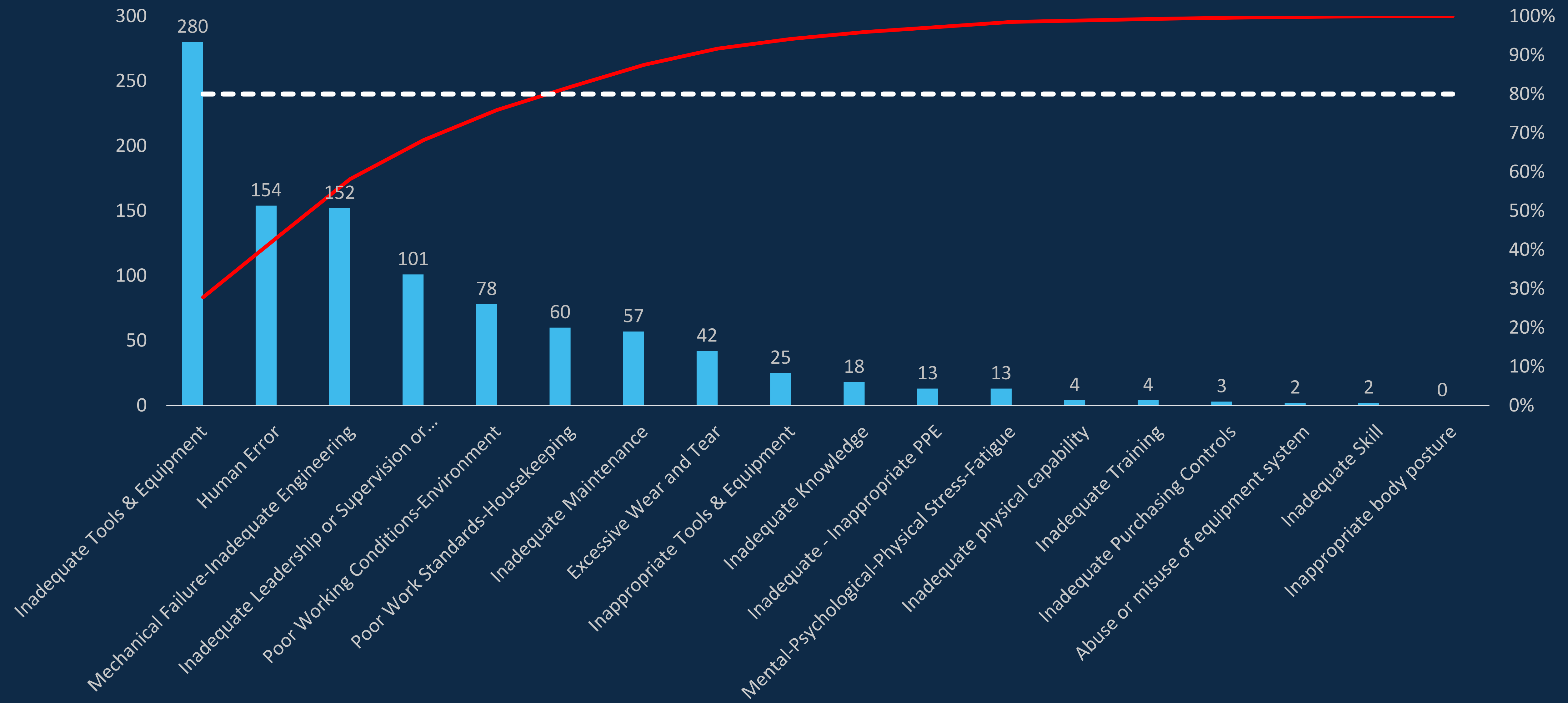
2024



Other Reports By Circumstance & Root Cause

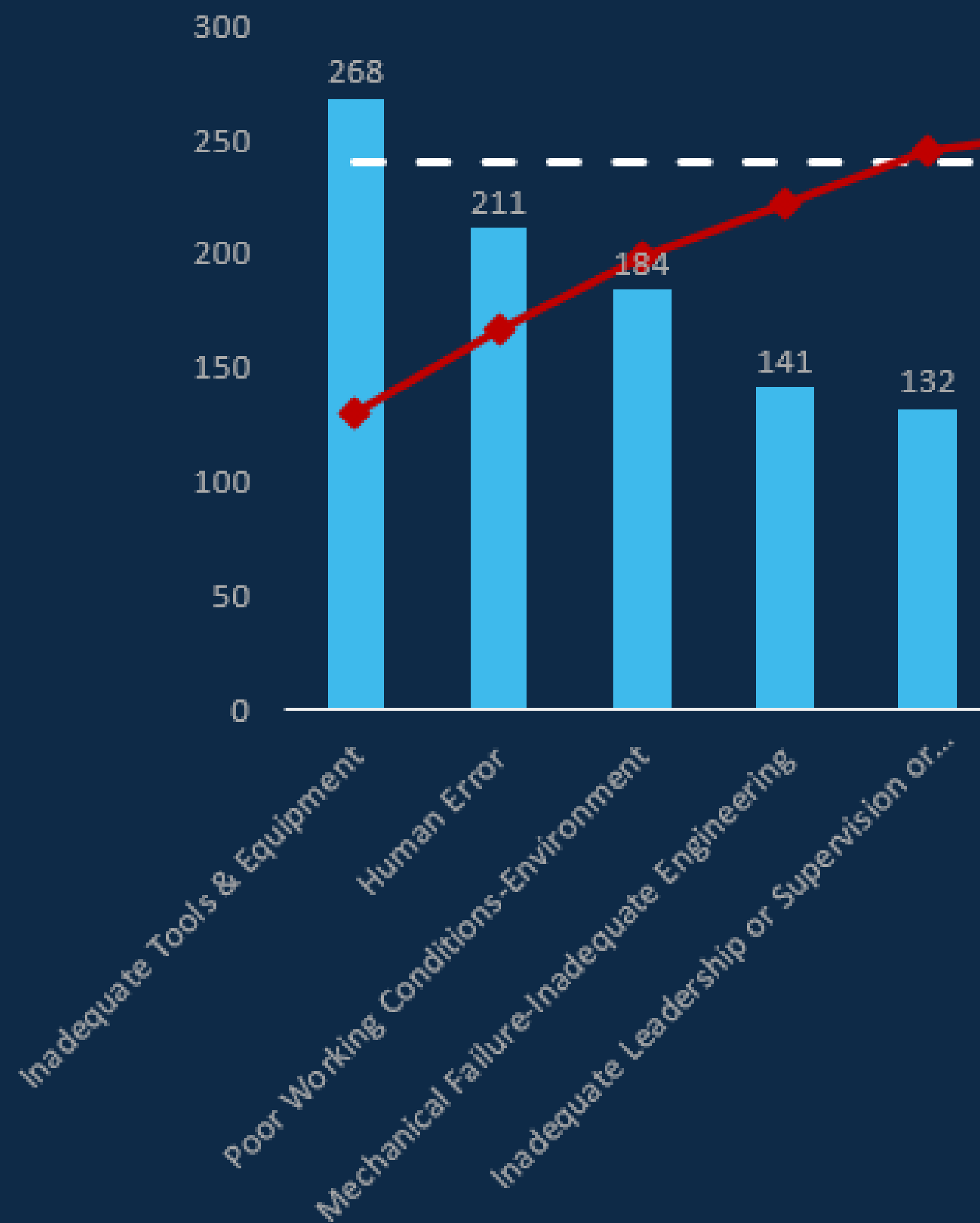


Root Causes 2024

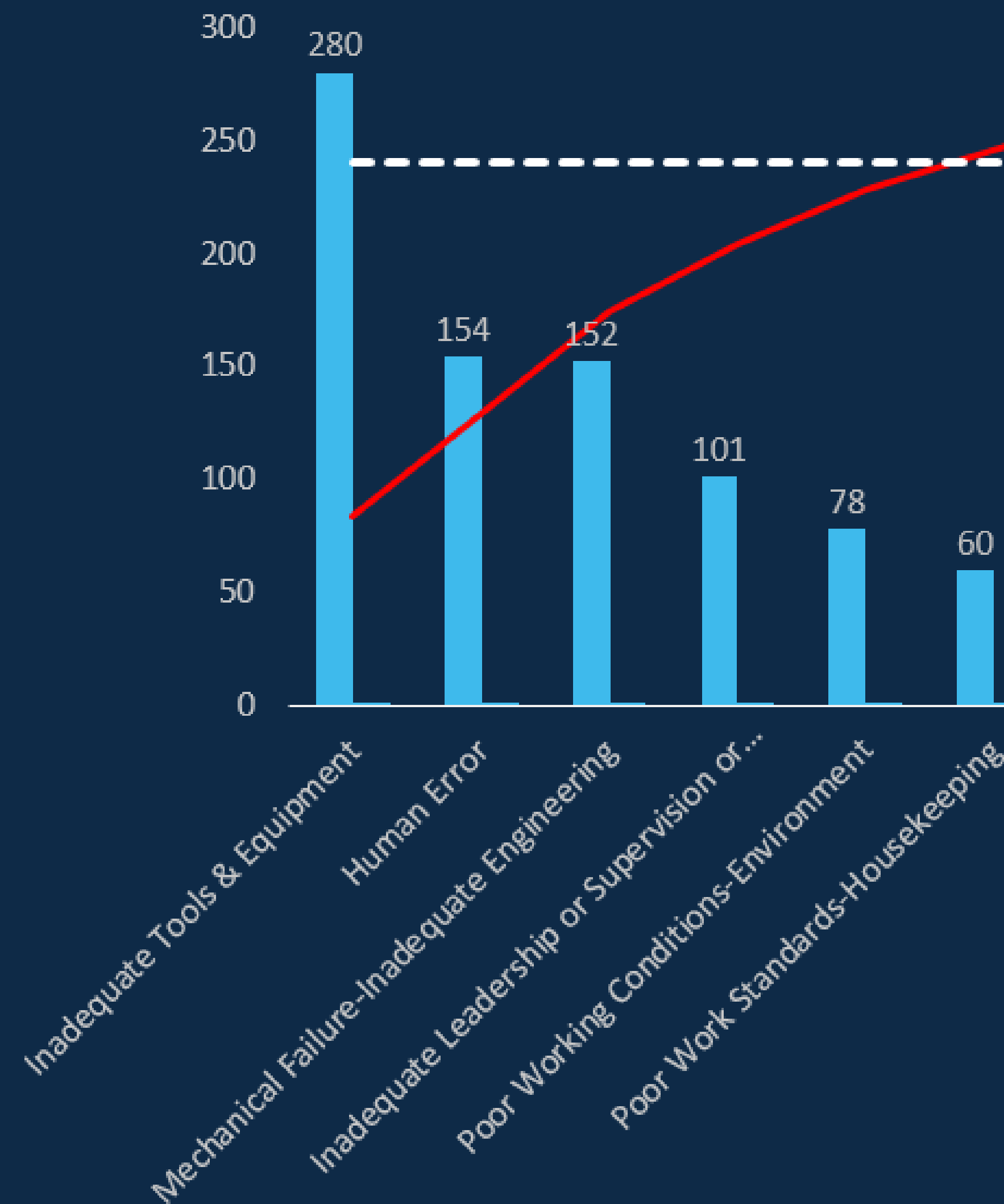




2023



2024





You're Insights...



Developing Trends of Concern



Rising power request
from small vessels.



Increase in propeller
fouling incidents.

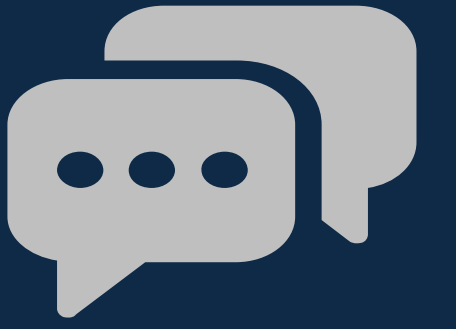


Upwards trend in
manual handling
incidents.



Decline in
seamanship
standards on assisted
vessels.

Positive Behaviors / Best Practice & Lessons Learnt



Port eco system
collaboration



Vessel management app
/ simulator training



Vessel management app
/ simulator training



New leadership
visits to vessel
process



Operational diversity



Reduced trust from
compliance checks

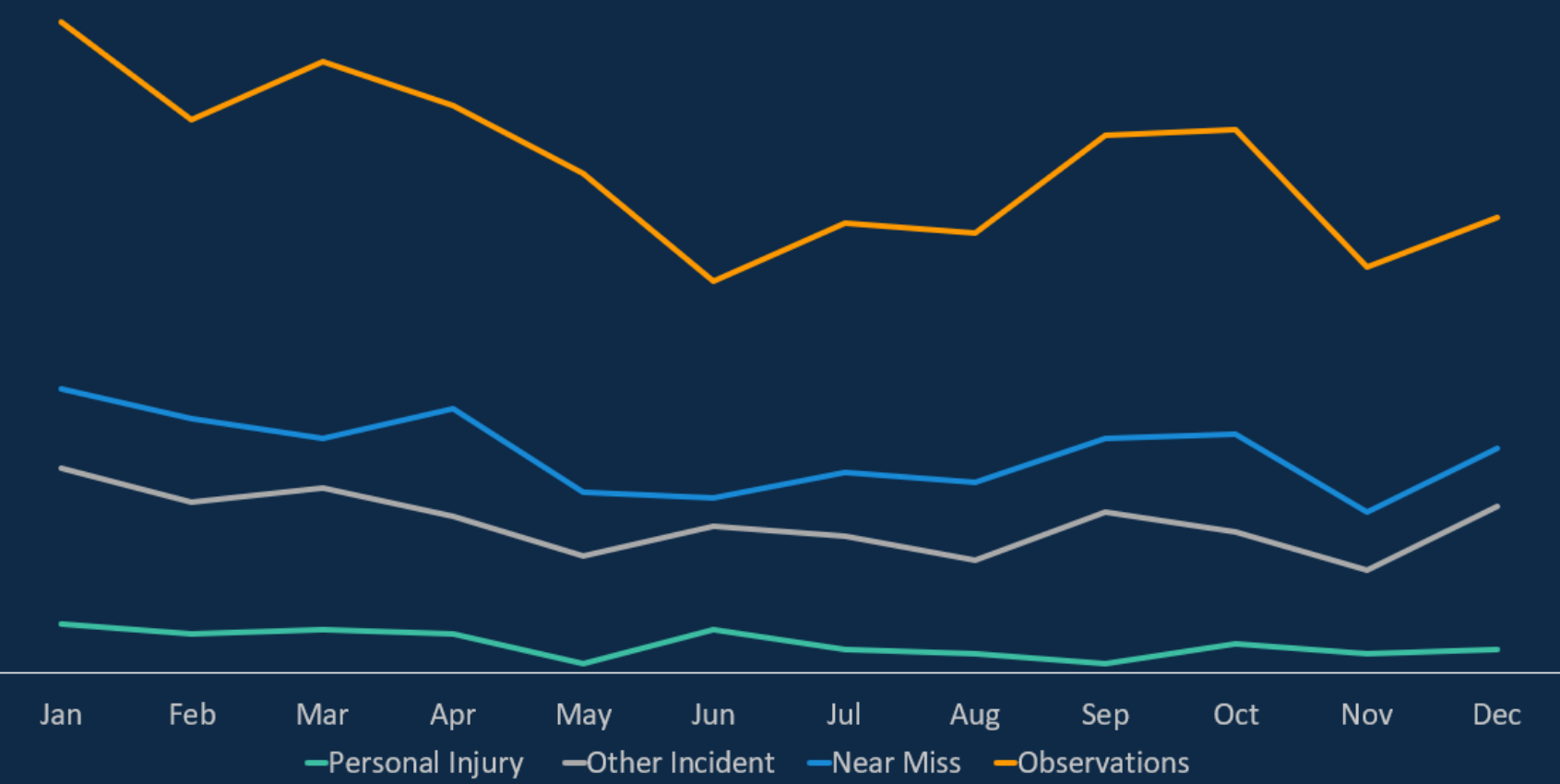
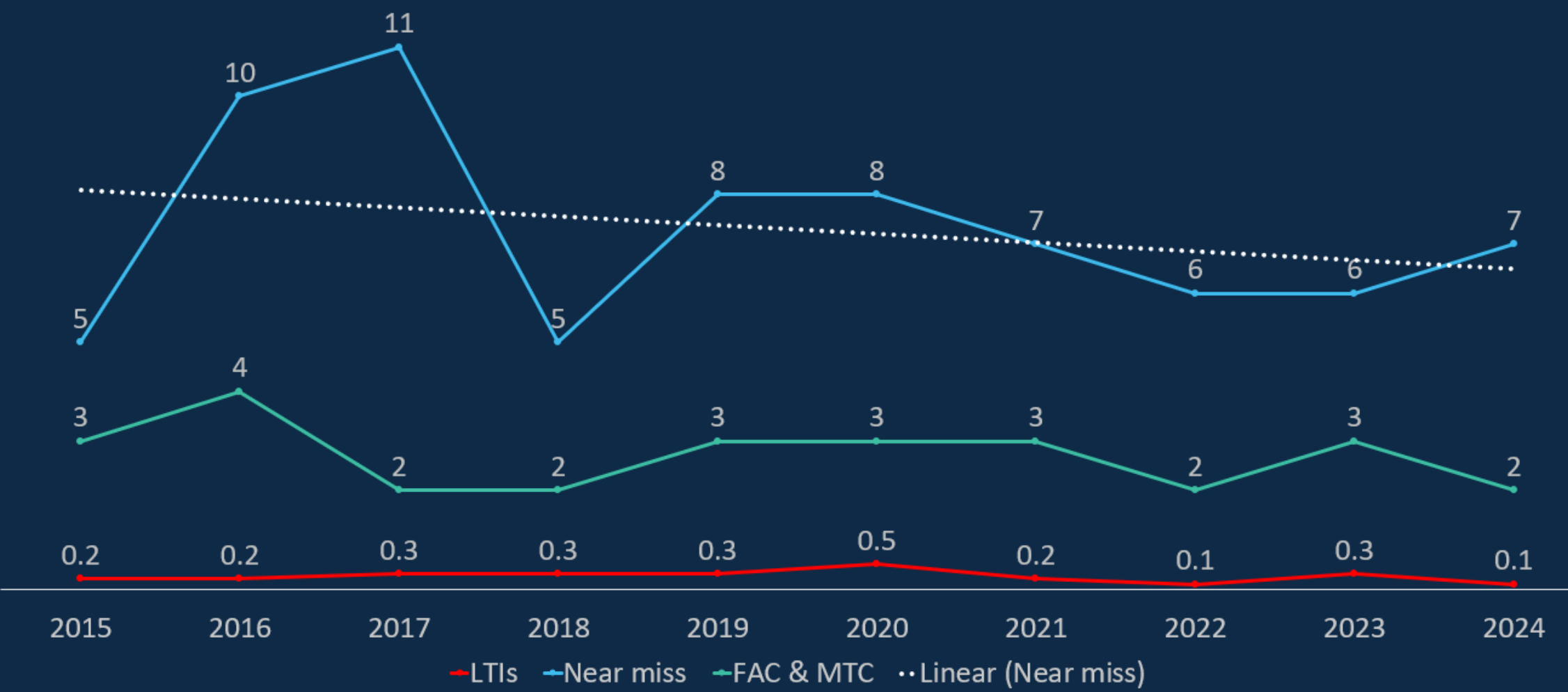
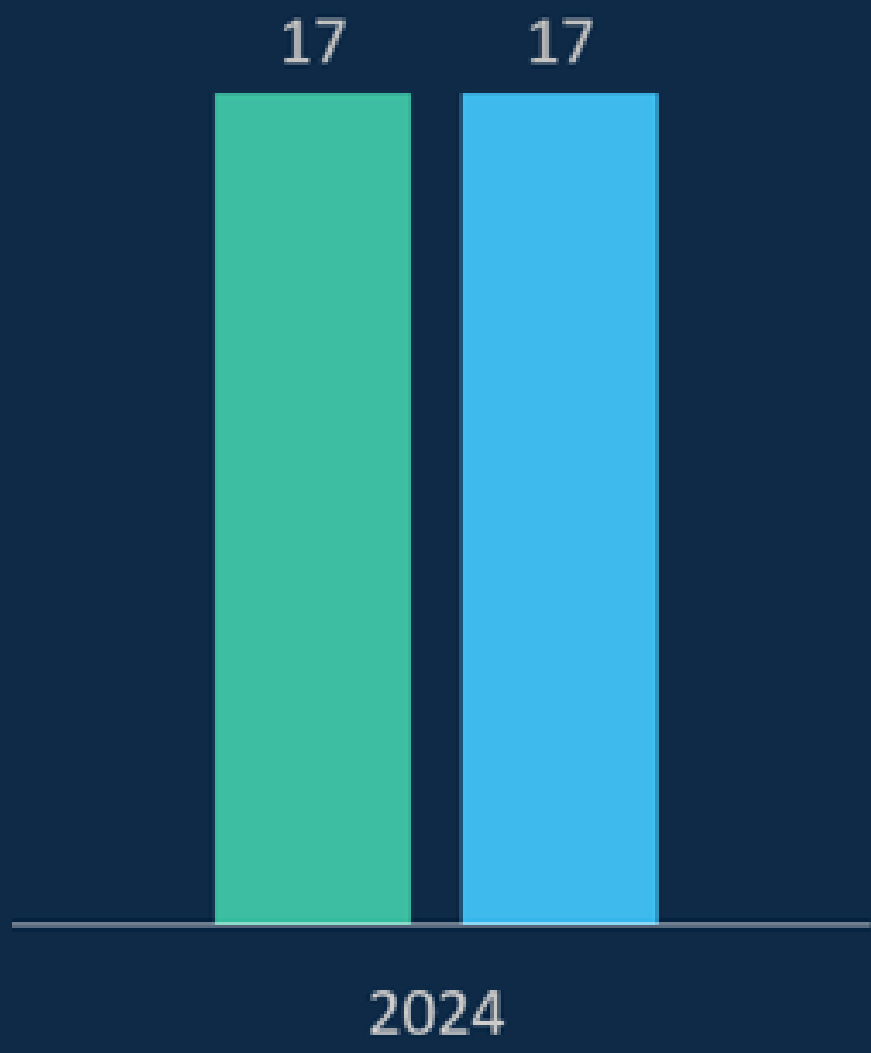


Emphasis on open
communication

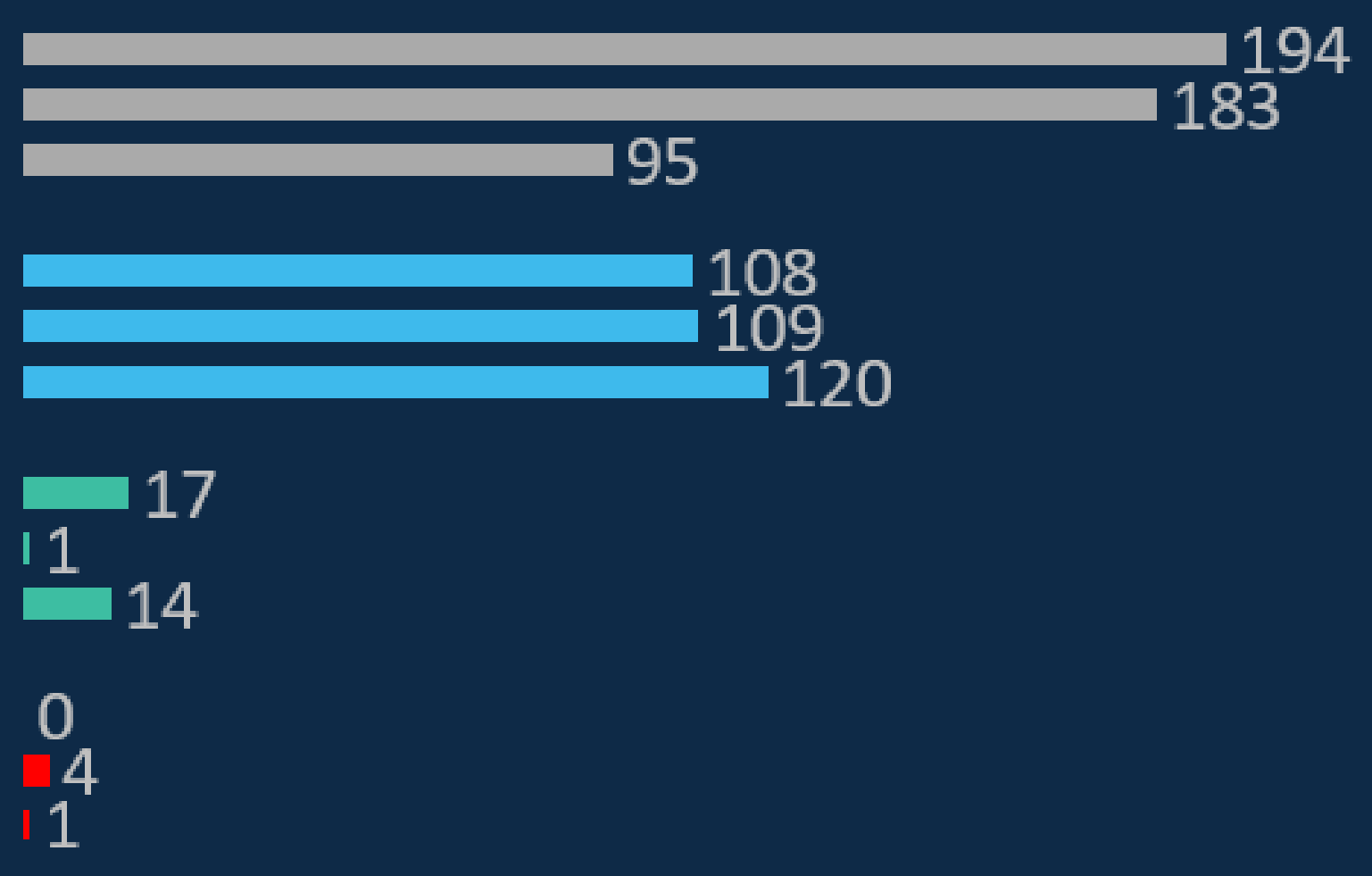


To Recap.....



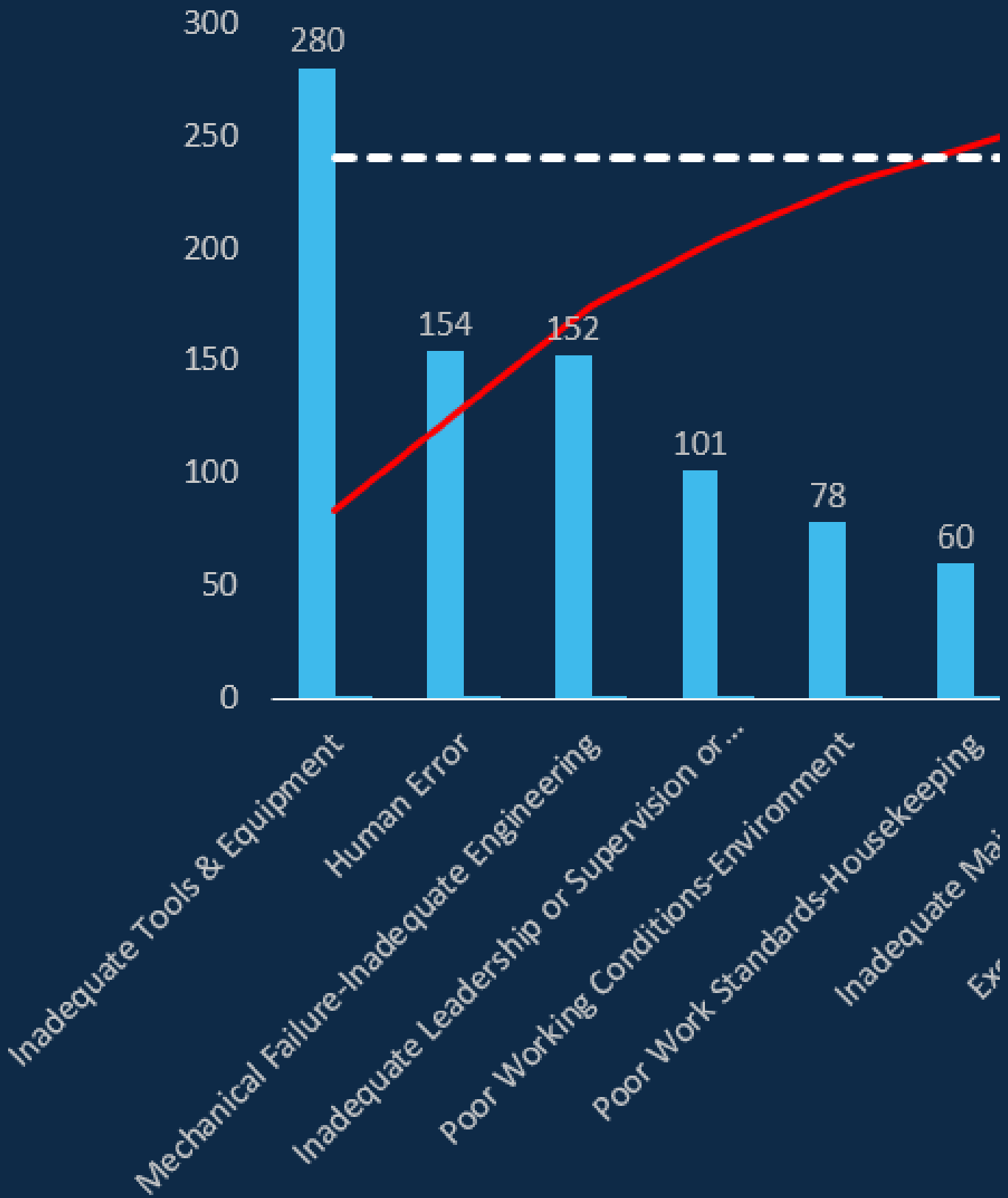
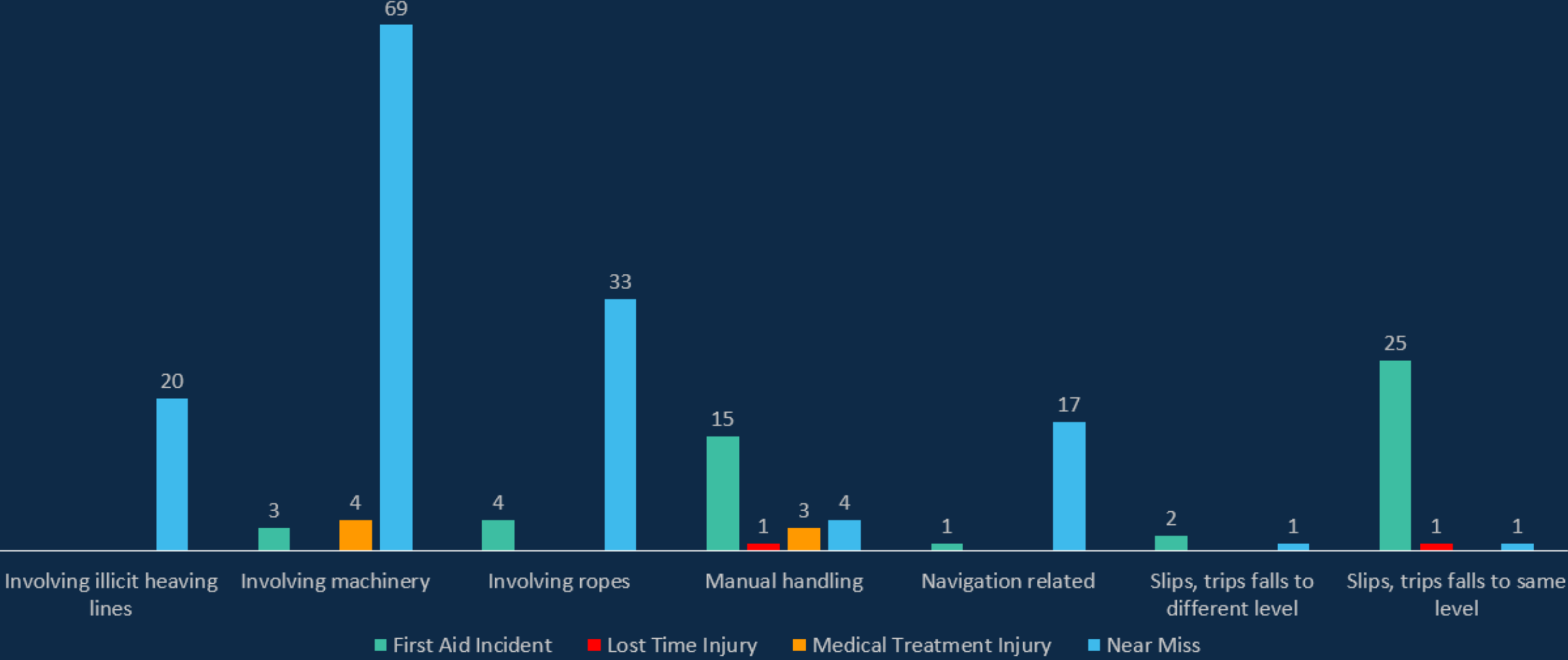


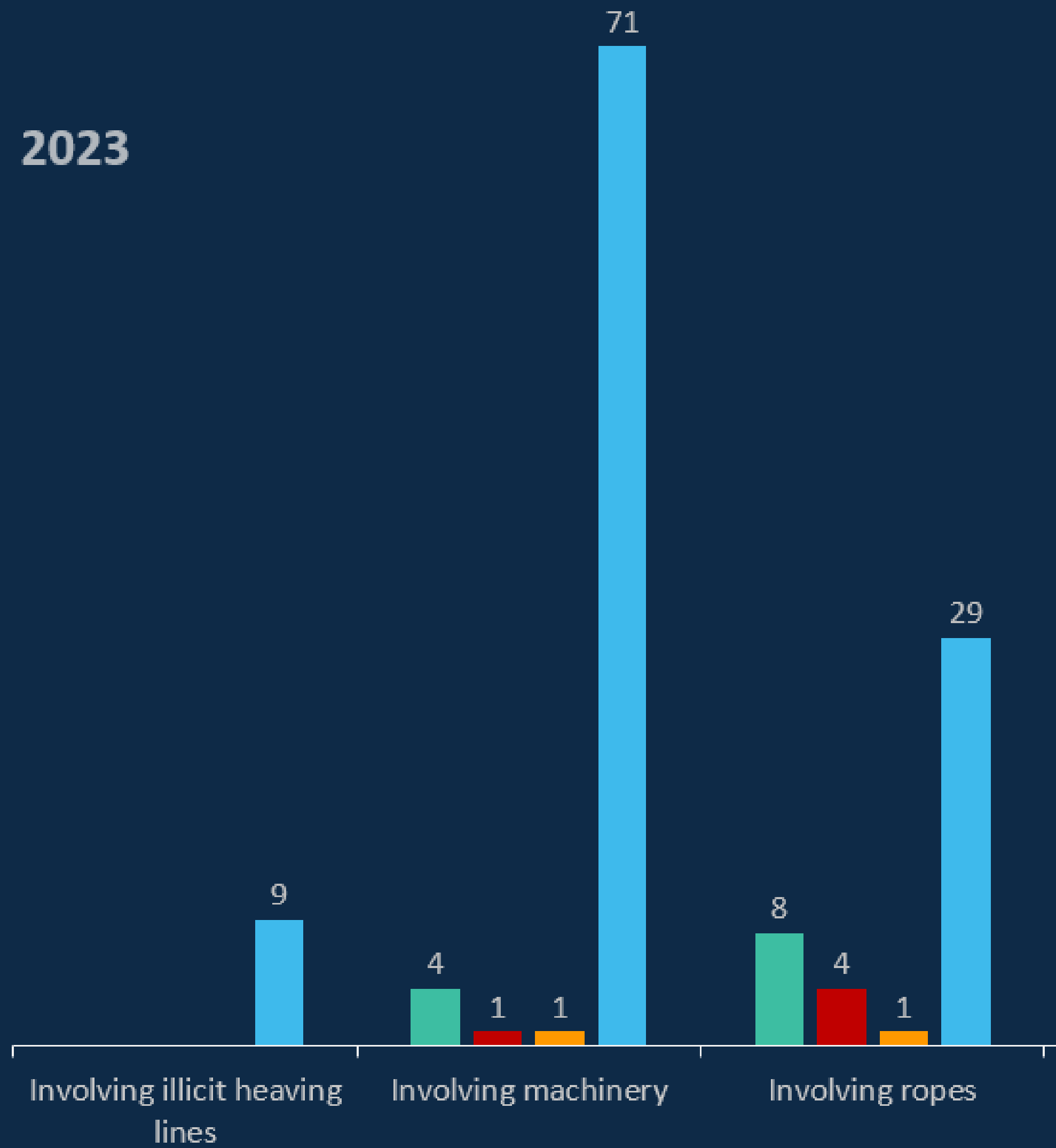
on the job



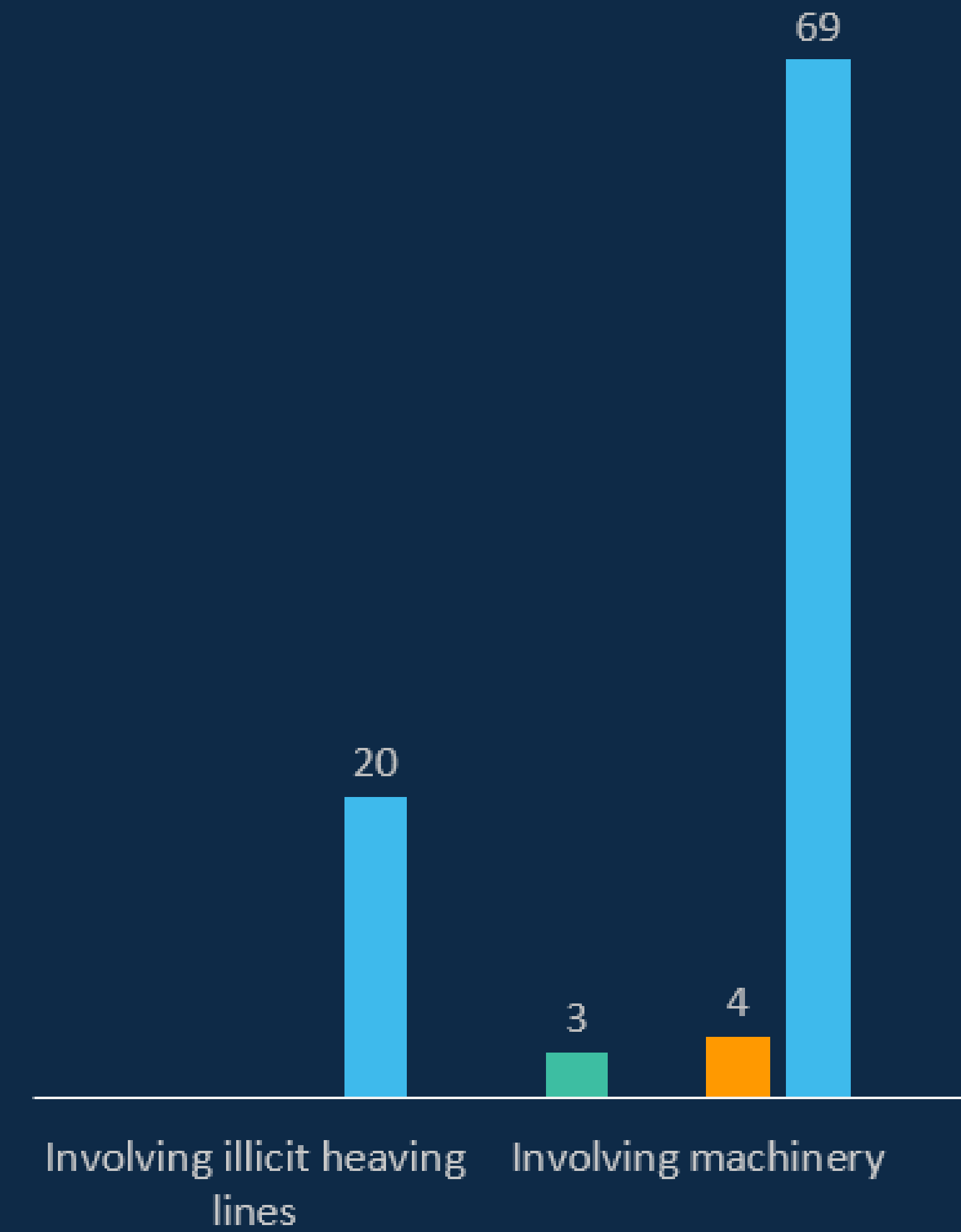


2024





2024





Thank you
Any Questions?

