

Safety, Security, Health, Environment & Community

May 2021

Our Goal:
Nobody Gets Hurt



OUR MINE • OUR PRIDE • OUR FUTURE

Scorecard

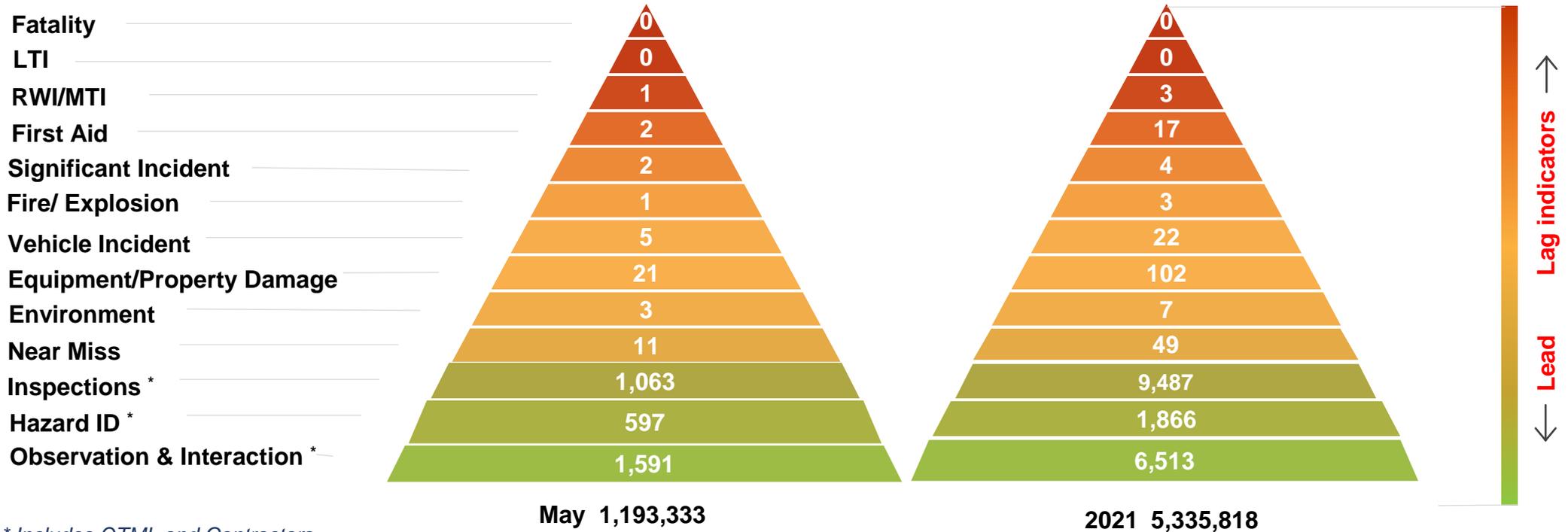
Key Performance Indicators		2021 Target	Monthly Actual	YTD Actual	Tracking YTD
SAFETY	Lost Time Injury Frequency Rate ¹ Lost Time Injury Frequency Rate Rolling 12 Mths ¹	0.05	0.00	0.00 0.00	●
	Total Recordable Injury Frequency Rate ¹ Total Recordable Injury Frequency Rate Rolling 12 Mths ¹	0.52	0.84	0.56 0.61	●
	Significant Incident Frequency Rate ¹ Significant Incident Frequency Rate Rolling 12 Mths ¹	0.81	1.68	0.75 0.91	●
	Corrective Actions Close Out (90% closed out before due date)	90%	96%	96%	●
	iLEAD Compliance including Major Hazards Inspections ²	>95%	54% (progressive)	78%	●
HEALTH	Follow up of High-Risk Medical cases (Mandatory Medicals completed)	60	211 308%	643 180%	●
ENVIRONMENT	% Sulphur (30DMA) in Tails	≤ 1%	0.4%	0.7%	●
	Environmental Action Close out	90%	96%	99%	●

Notes:

1. Includes OTML and Contractors
2. Measurement to change to 2 monthly from 01 May due to 4x4 roster
3. Previous KPI in relation to Safety Coaching removed pending development of a new coaching approach with departure of previous supporting consultant

Days since last LTI - 604

Lead & Lag Indicators



* Includes OTML and Contractors

Commentary

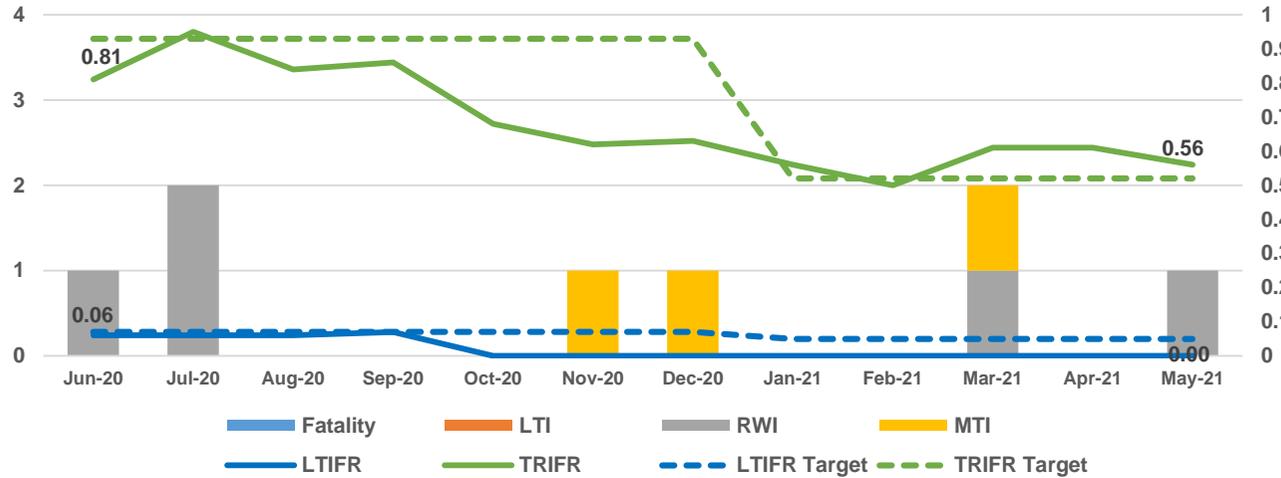
- 2 Significant Incidents (SI); 1 SI resulting in a restricted work injury (RWI).
- Ongoing damage to mobile equipment continue to remain a safety concern

Focus Areas

- Major Hazard Focus “ Rotating Equipment & Pinch Points”
- Mobile Equipment program focus in the Mine

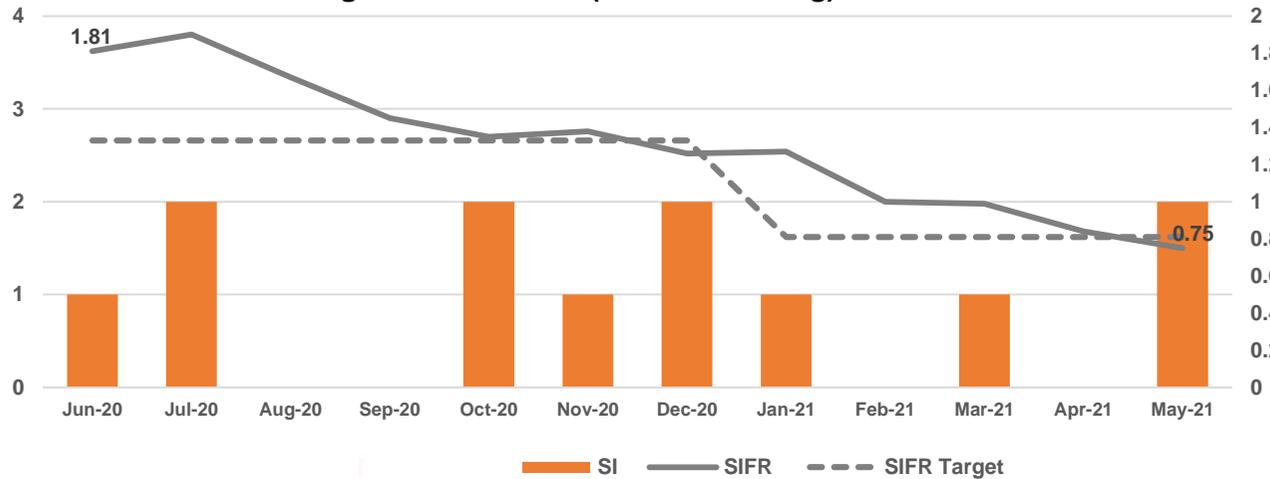
Safety Performance

TRIFR & LTIFR (12 month rolling)



- TRIFR result above target set for year (0.52)
- Improvement in the LTIFR and TRIFR for month compared to results 12 months prior.

Significant Incident (12 month rolling)



- Continued improvement in the SIFR trend.



Significant Incident



Incident Details

Date: 15th May 2021

Type: Damage/ Loss

Department/ BU: Mining | OTML

INX Ref ID: 59044

CV43 Conveyor Belt Ripped By Drill Pipe

Incident Description

A drill pipe measuring about 1.5 meters long was dumped with ore by the mining haul trucks and got caught inside the CV41/CV43 transfer chute. This resulted in ripping about half the length of the conveyor belt and caused the crusher to be U/S for two days.

Findings

The investigation identified a number of gaps in the existing GET (Ground Engaging Tool) and metal recovery processes and procedure within the Mine.

Recommendations are made in relation to:

- Reinforce existing GET and metal recovery process into the 24hr plan.
- Visible daily 24-hour plot to include all metal and GET data
- Identify all possible risk with metal sources
- Manage metal infested mining blocks as per current process
- Exploration team to provide historical drill/lost string to mining planning to register

Key Learnings

Maintain vigilance over known risk areas where metal may be a hazard

Total Recordable Injury / Significant Incident



80t Tadano Mobile Crane incident

Incident Description

Whilst returning an 80t Tadano mobile crane (# CR 69) under escort from the CV11 area to the Nurumi crusher site, the operator was unable to slow the crane to undertake a right hand turn just past the sewage treatment plant. The operator being unable to pull the crane to a complete stop identified an area of the road approx. 500 m past the turn off (km 155) where he could direct the crane off the left side of the road into an embankment turning the crane onto its right-hand side. At the time of the incident, there was one crane operator on board. The operator received a laceration to the head requiring medical treatment and was assigned light duties. The crane was safely recovered and has been stood down pending detailed mechanical and operational inspections.

Findings

- The investigation report will be finalised upon completion of the post incident mechanical inspection of the crane at workshop 1.
- Initial indications are that the low range/4WD may not have been fully or correctly engaged, similar to the findings from the Franna Crane uncontrolled movement incident in April 2020 (INX ID 36654).

Incident Details

Date: 29th May 2021

Type: Restricted Work Injury / Injury/Damage/ Loss

Department/ BU: OTML Major Projects | Contractor

INX Ref ID: 61926

Key Learnings

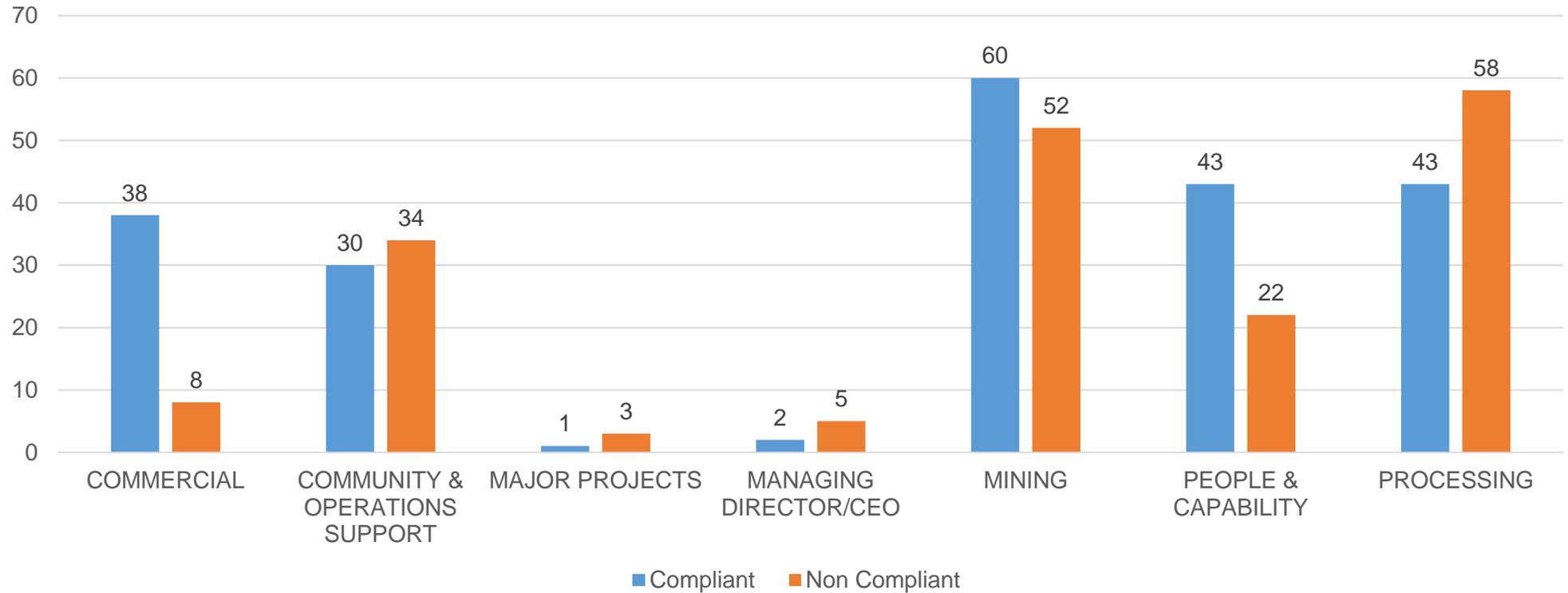
- All mobile cranes (OTML and Contract) will be permanently locked in Low Range/4WD configuration as a condition of entry to all OTML work sites. The ability and timetable to permanently lock equipment in Low Range/4WD will require to be established for each mobile crane equipment make/model.
- Refresher training for all mobile crane operators on the correct use of low range gears and braking systems on steep descents will be undertaken ASAP until all mobile cranes are permanently locked in Low Range/4WD.
- Continue to minimise and restrict all mobile crane equipment movements on the Tabubil – Mine access road as far as practical. Any required movements require to have task specific JSA completed and approved by the responsible Registered Manager.

Outstanding TRI & SI Investigations

Date	INX Ref ID	Responsible BU	Description	ICAM Status	Hazcom	Actions / Total Open	INX In-control Close out Status
19/03/21	56499	People & Capability	Covid 19 Outbreak	Completed	Pending	0	In progress
28/05/21	61926	Major Projects	Mobile Crane incident resulting in employee receiving injury	Completed	Pending	0	In Progress

Note: All 2021 TRI and SI Investigation reports closed out except for above - Ref 56499 & 61926

iLEAD Compliance_Progressive Update

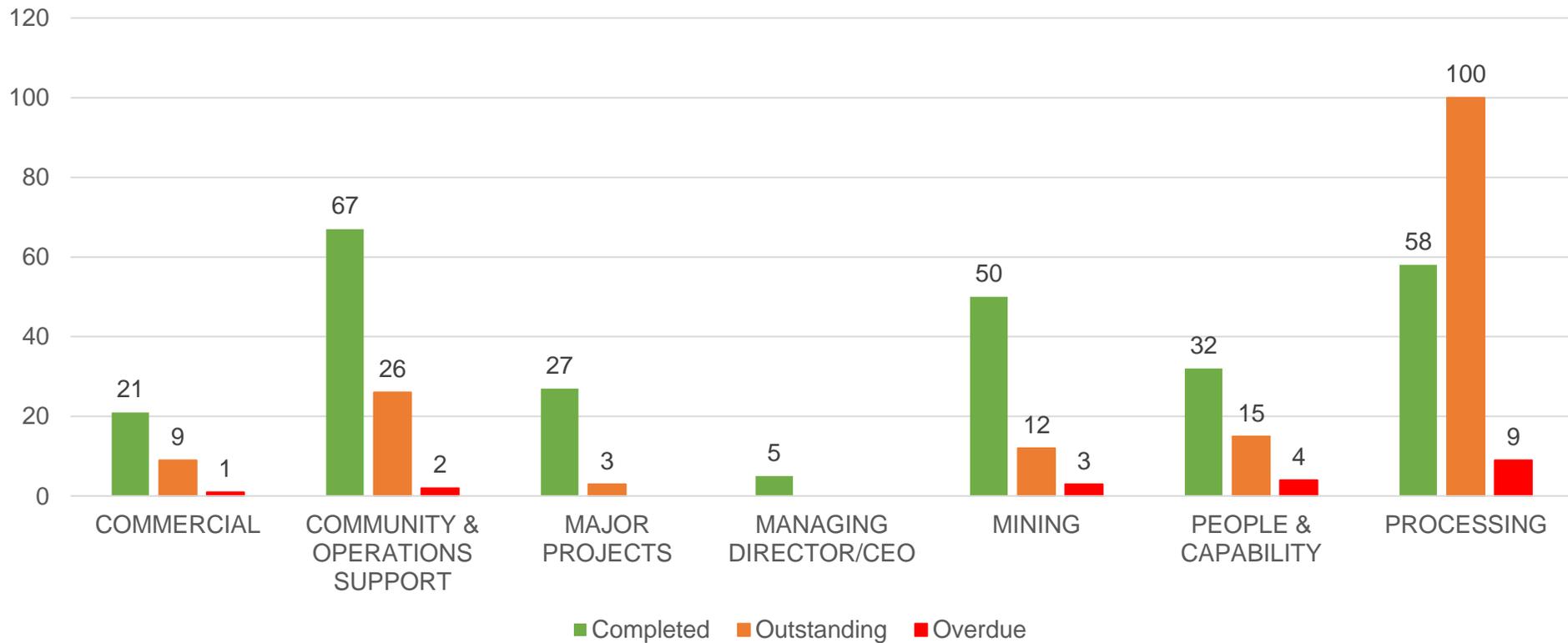


Commentary

- Compliance rate is 54% as of May (progressive update).
- Compliance rate results for May and June to be provided month end Jun 21.

Overdue Actions

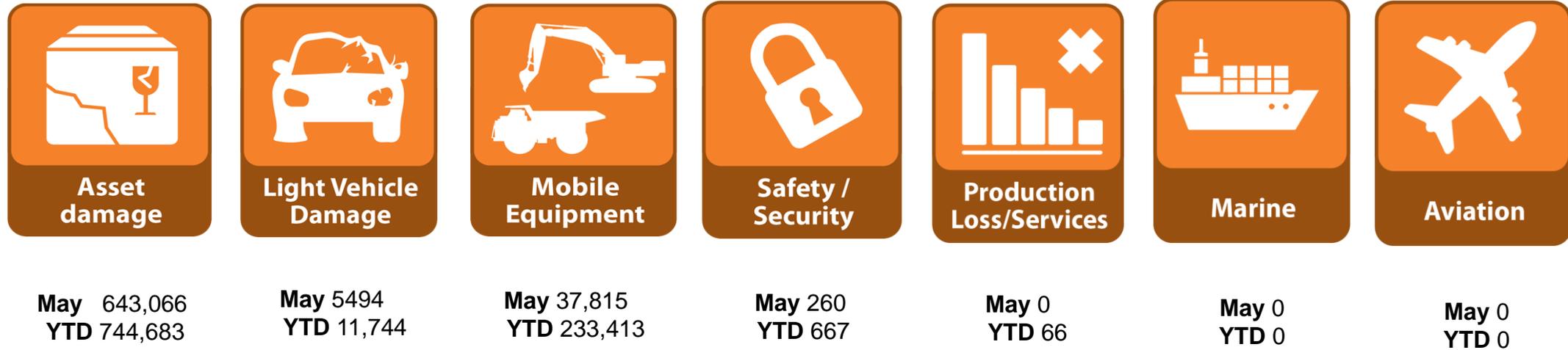
Action Status by Business Unit for month



Commentary

- 4% of actions raised in the month reported as “Overdue”,

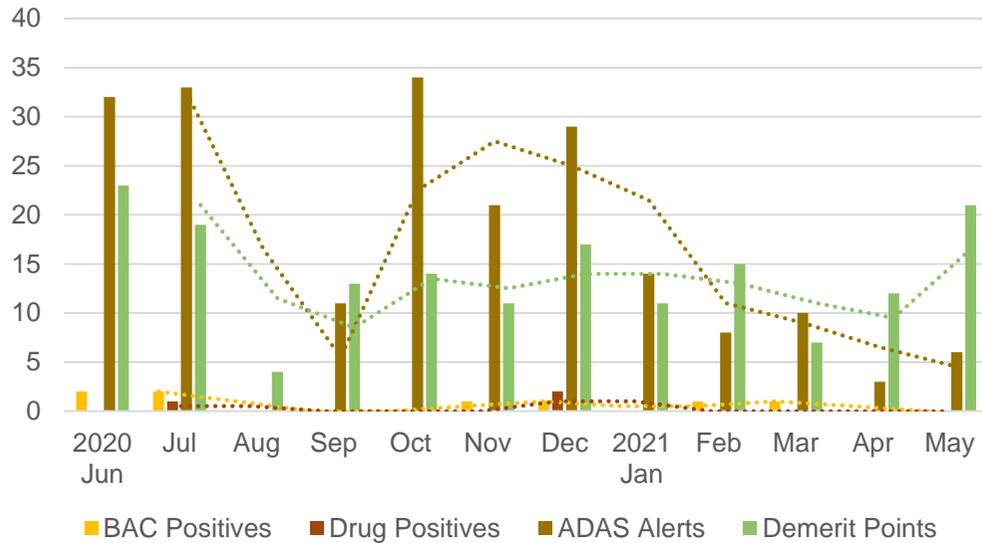
Incident Damage Costs (USD)



Commentary

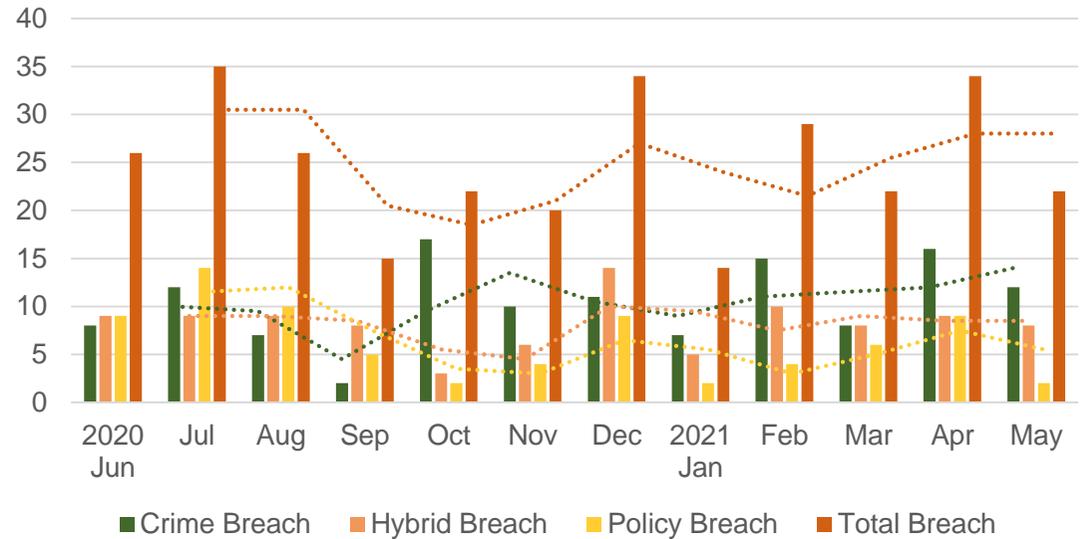
- Significant increase in cost for “Asset Equipment Damage”, due to CV43 Conveyor Belt ripped by Drill Pipe incident.
- Covid 19 shutdown cost in March not included in total cost for Damage

Security



Comments:

- No BAC and drug positives
- Decline in ADAS Alerts - Drivers/Operators complying
- Stepped up vehicle compliance checks with demerit points issued



Comments:

- Rise in crime and Hybrid matters
- Decline in Policy breaches

NB:

- Crimes - involve communities reported to APD & referred to police.
- Hybrid – involve employees processed administratively & may be referred to police.
- Policy – involve employees processed administratively.

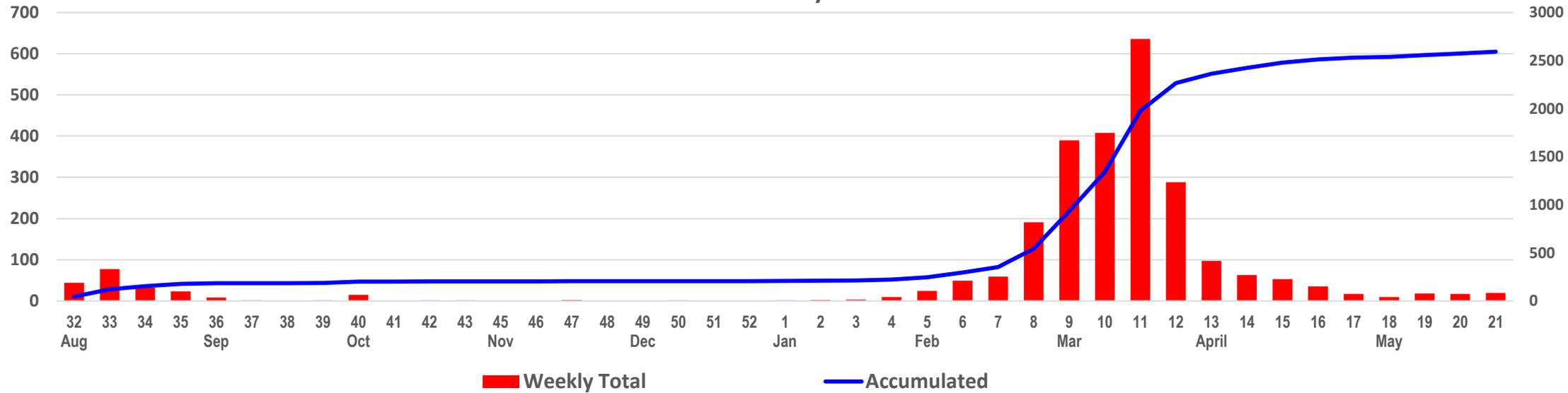
Note: Trend lines are 2 month rolling average



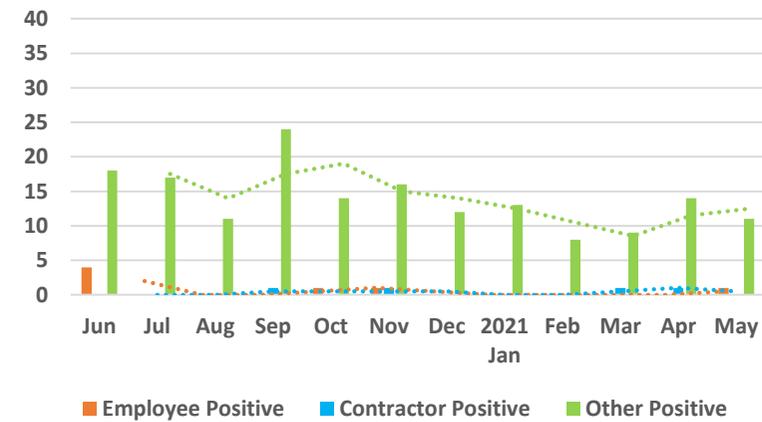
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Health

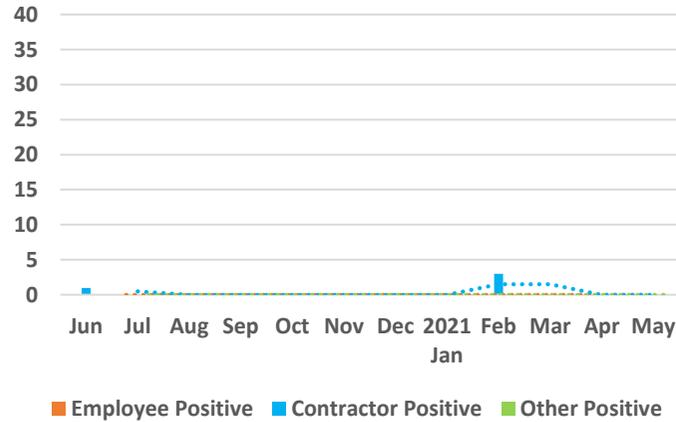
Accumulated Positive COVID-19 Cases By Week from Start of the Pandemic



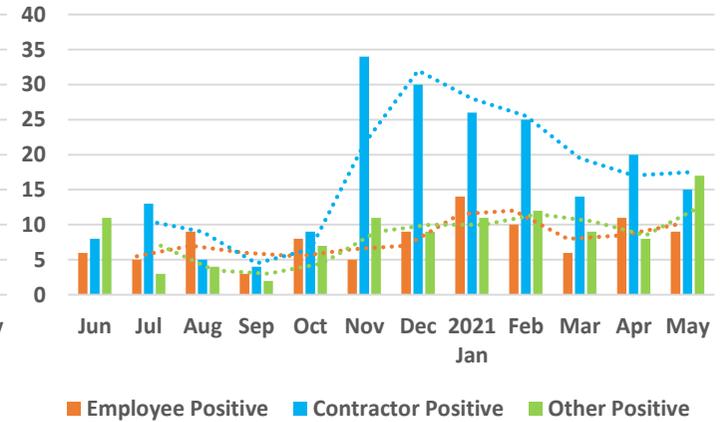
Tuberculosis



Dengue



Malaria



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Environment

Environmental Performance				
Indicators	MTD	YTD	YTD (Closed)	YTD (Open)
Incident	4	9	4	5
Incident Closed (Target 90%)		44%	Not Applicable	
Inductions (Contractors + OTML)	228	496		
Status of Rehab (Target 50ha)	2.3	10.3		
Hydro power generated (Target 80%)	99.8	95.6		
Quantities of waste oil recycled (kL)	95	365		
Environment Actions Closed (Target 90%)	96%	99%		

KPI	ANC/MPA YTD (dredged sediment)	ANC/MPA 30DMA (dredged sediment)	% sulfur 30DMA (TPP Tails)	% sulfur 90DMA (TPP Tails)	NAPP 30DMA (TPP Tails)
May 2021	3.0	3.6	0.9	0.7	-27.1
Target	≥ 2.0 ●	≥ 2.0 ●	≤ 1.0 ●	≤ 1.0 ●	≤ -30.0 ●

Environmental Incidents

- A single actual severity rating 2 incident was reported in May relating spillage of process water spillage from the Kiunga pond into the Kum creek due to pump failure.

Summary

- A single actual severity rating 2 incident was reported in May relating spillage of process water from the Kiunga pond into Kum creek due to pump failure.
- Status of the environment action closeout reporting was changed to exclude actions with due dates into the future and only report actions that are due at the end of the reporting month. This is reflected in the score of 96% and 99% for MTD and YTD respectively.
- 30 DMA NAPP (-27.1 kg H₂SO₄/t) for TPP tails exceeded the target while 30DMA and 90DMA sulfur met the target. The ANC/MPA of the dredge sand met the target of 2 during the month.
- Due to COVID, celebration for WED will be held at low key. Activities planned include; 1) assay competition from grades 8-12 in schools within Tabubil, 2) rewarding improved or outstanding performance across OTML and Contractor work sites based on internal inspection, and 3) publication of news articles on Bige dredging and rehab program.
- A field trip involving food sampling, fish biomass and hydrological station visit was successfully completed. This completes the annual food sampling and, first of the bi-annual fish sampling requirement under the Permit.

Community Relations

- **CMCA Census**
 - 40 plus villages to cover (South & Middle Fly Regions)
 - Expected to complete by mid - June

- **Documentation of LCA review and SML renewal**
 - Lease Compensation Agreement (LCA) for SML & 16 Lease for Mining Purpose (LMP) negotiation completed.
 - Agreement signing scheduled for May.
 - Alice Gravel Pit lease LCA review meeting planned for May
 - SML extension application submitted and pending advise on warden's hearing.

- **Bige Lease extension – due to die-back impact (Yirit Creek)**
 - Meeting with the landowners to discuss the compensation payment and MOU signing scheduled for May.

- **Community Complaints & Grievances (YTD)**
 - 119 complaints registered (93% closed; 7% pending).
 - Total claims for compensation; Legal; K500,000 & Specific; K107,000
 - Total claims settled; Legal; K500,000 and Specific; K3,000