



**Massachusetts Bay
Transportation Authority**

Safety Updates

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MBTA Safety Discussion Topics

- Safety Department Vision
- Employee Safety Reporting Program
- Corrective Action Plan Update
- Safety Investigation Update
- Safety Performance Indicators/Trend Analysis



Safety Department Vision

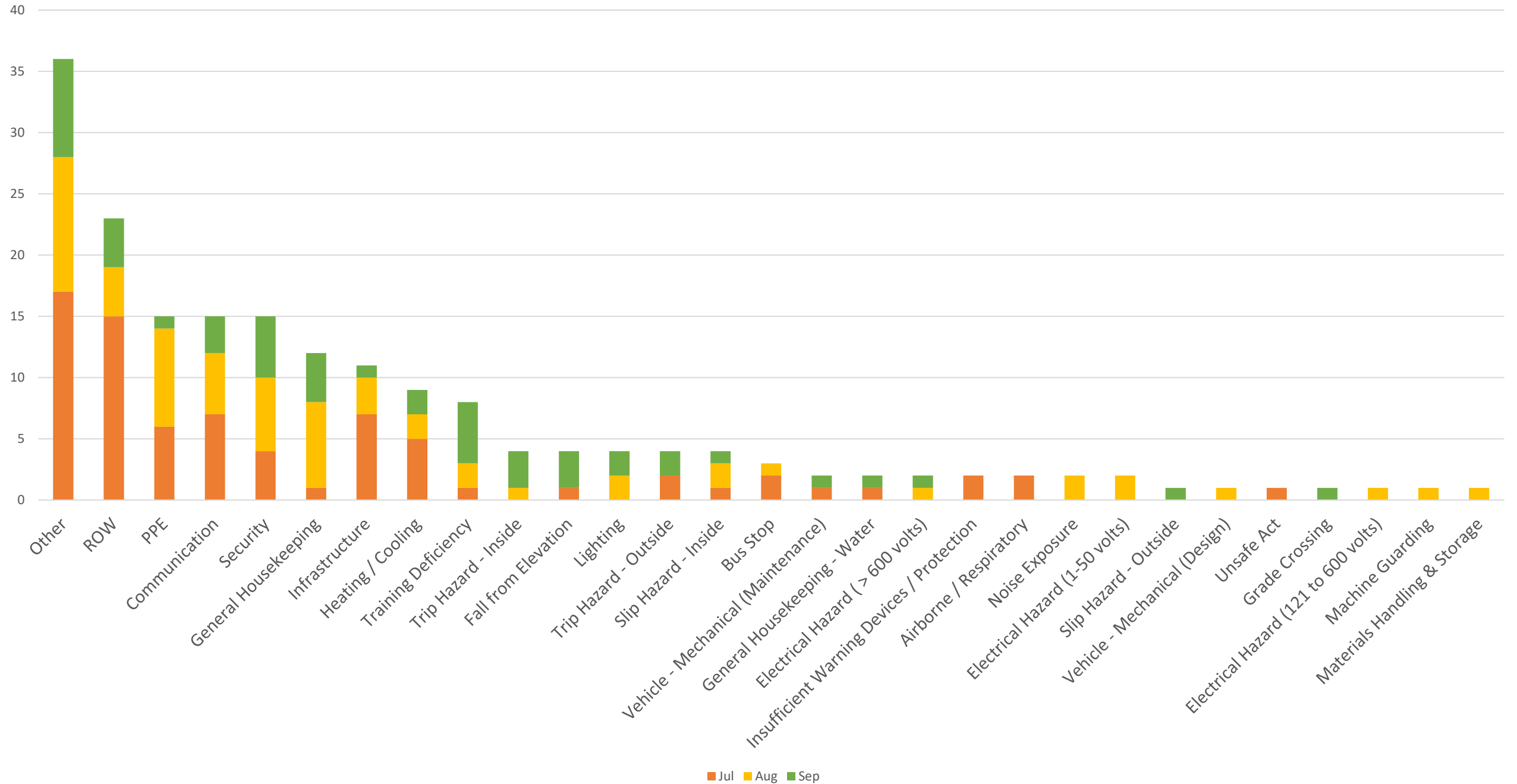
- Reviewing all roles and responsibilities.
- Removing administrative tasks from those who are responsible for SMS and data analysis.
- Meeting with Safety Department heads to determine their needs.
- Integrating the Capital Programs Safety Assurance team into the MBTA Construction Safety Department.



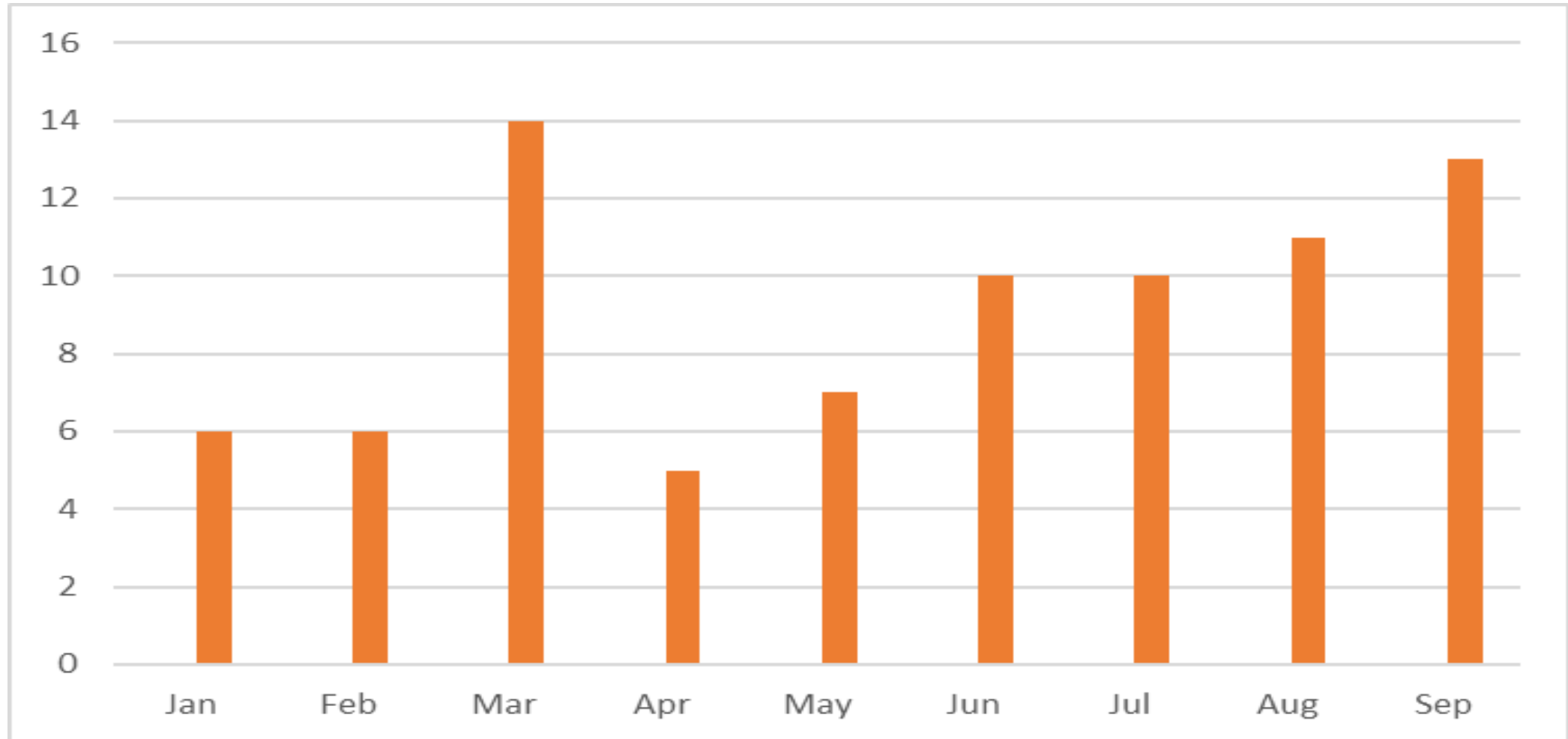
Employee Safety Reporting Program (ESRP)

- Employee Safety Reporting Program is a voluntary, confidential, non-punitive program that supplements other types of required safety reporting and ensures hazardous conditions are proactively identified, reported and mitigated.
- Reports are accepted through four main channels:
 - Safety Hotline, safety notification email, direct in-person report to safety official, and Form B
- All reports are documented, investigated, and tracked to resolution.
- Safety staff convey regular status updates to reporting employees and other teams/departments impacted by the hazard.
- **273 reports** have been received year to date through October 1, 2023, with **82** of those reports remaining open.

ESRP Report Topics July-September 2023



Open ESRP Reports (January – September 2023)



Corrective Action Plans (CAPs)

Corrective Action Plans can be initiated from a variety of sources:

- Internal and external audits
- Accident or injury investigations
- Serious hazards
- At the request of a regulatory agency

MBTA Safety facilitates the CAP development, tracking, verification and closure process in collaboration with other business units.


- Impacted departments provide input on CAP content and are ultimately responsible for carrying out the defined action steps.

Proposed CAPs undergo a formal review and approval process with the DPU prior to implementation.

Safety holds monthly internal coordination meetings with CAP owners to collect regular updates, resolve issues, and manage items that are past due.



Safety Investigation Updates

- 29 open reports as of October 1, 2023.
 - 8 reports were reopened at the request of DPU.
 - Reduced time frame for finalizing reporting of near misses from 60 days to 30 days.
 - Developing plans to have outstanding reports updated and filed with DPU.
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Safety Performance Indicators Trend Analysis

- **Bus**
 - Significant **decrease** in NTD Reportable Injuries in September
 - Collisions **above target rate** for two consecutive months





Safety Performance Indicators / Trend Analysis

- **Light Rail**
 - NTD Reportable Events **above target rate** in September.
 - Collisions **above target rate** for three consecutive months.
 - NTD Reportable Injuries **below target rate** after five months above target.

Safety Performance Indicators Trend Analysis

- **Heavy Rail**

- NTD Reportable Injuries **below target rate** after 10 months above target.
- Injury Rate / Million Revenue Miles **above target rate**, but has improved for three consecutive months.



Questions