



**Massachusetts Bay
Transportation Authority**

Safety Updates

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MBTA Board of Directors Meeting

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Discussion Topics

- Recent Incidents and Corrective Actions
- Safety Performance Indicators and Trend Analysis

Recent Incidents and Corrective Actions



Safety Performance Indicators and Trend Analysis

Bus

- For *Bus NTD Reportable Safety Events*, there were **14** total events in January, exceeding the monthly performance target of **7** by two times.
- There were **2** *Bus Reportable Smoke/Fire Incidents* in January, exceeding the monthly performance target of **1.28**.
- 3rd consecutive month of Bus meeting the performance target for *NTD Reportable Injuries*. The monthly target is **21**, and there were **18** reportable injuries in January.
- 3rd consecutive month of Bus meeting the performance target for *Customer Injuries*. The monthly target rate is **2.55** customer injuries per million passenger trips, and the rate was **2.02** in January.





Safety Performance Indicators and Trend Analysis

Heavy Rail

- For *Heavy Rail NTD Reportable Safety Events*, there were **3** total events in January, exceeding the monthly performance target of **1.92**.
- There were **20** *NTD Reportable Injuries* on the Heavy Rail in January, exceeding the monthly performance target of **14.17**.
- There were **0** *Heavy Rail Derailments* in January.
- Significant improvement in *Heavy Rail Mean Miles between Mechanical Failures* performance. The target is an average of **49,000** miles between mechanical failures. Heavy Rail averaged **82,937** miles in January between mechanical failures, which is the best performance since June of 2023 (91,335).
- There were **0** *Heavy Rail Collisions* in January.



Safety Performance Indicators and Trend Analysis

Light Rail

- For Light Rail *NTD Reportable Safety Events*, there were **4** total events in January, exceeding the monthly performance target of **2.25**.
- There were **11** Light Rail *Reportable Smoke/Fire Incidents* in January, exceeding the monthly performance target of **3.95** by nearly three times.
- There were **2** Light Rail *Maintenance Vehicle Derailments* in January, exceeding the monthly performance target of **.30** by six times.
- **2nd** consecutive month of Light Rail meeting the performance target for *NTD Reportable Injuries*. The monthly target is **7**, and there were **5** reportable injuries in January.
- The Light Rail *Customer Injuries* rate was **3.85** in January, exceeding the monthly performance target of **2.41**.



Safety Performance Indicators and Trend Analysis

Commuter Rail / Ferry

- Commuter Rail's Accident Frequency Ratio in January was reported to be at **5.4** due to a recent influx of fumes inhalation reports. This represents a slight increase from a reported ratio of **1.7** in December.
- Commuter Rail had **11** Reportable and **1** Non-Reportable employee injuries, with **0** passenger injuries reported.
- There were **0** Commuter Rail derailments.
- There were **0** reportable Major Rules Violations on Commuter Rail.
- There was **1** ferry safety incident in January.

Questions?
