



**Massachusetts Bay
Transportation Authority**

Safety Updates

Tim Lesniak

Chief Safety Officer

MBTA Board of Directors Meeting

January 25, 2024

Discussion Topics

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



Recent Incidents and Corrective Actions



Safety Performance Indicators Trend Analysis

Bus

- Significant improvement in NTD Reportable Safety Events, decreasing total number of events from **15** to **11** and rate per million revenue miles from **8.54** to **6.52**
- Notable improvement in NTD Reportable Injuries, decreasing total number of injuries from **31** to **19** and rate per million revenue miles from **17.64** to **11.09**
- Met Customer Injuries performance target and saw **2nd** lowest rate of injuries per million passenger trips for the year





Safety Performance Indicators Trend Analysis *Heavy Rail*

- Notable improvement in NTD Reportable Injuries, cutting both total number of injuries and rate per million revenue miles in half with decreases of **21** to **10** and **14.42** to **7.16**, respectively
- November marks the **3rd** consecutive month of meeting monthly performance targets for NTD Reportable Safety Events, both total and rate per million revenue miles
- There were **0** heavy rail revenue vehicle derailments in November
- **MBTA met *Every*** heavy rail collision performance target in November



Safety Performance Indicators Trend Analysis *Light Rail*

- Significant improvement in NTD Reportable Safety Events, decreasing total number of events from **5** to **2** and rate per million revenue miles from **11.7** to **4.29** from last month, meeting performance targets for both metrics
- In November, MBTA averaged **11,690** revenue miles per major mechanical failure on the light rail, exceeding the performance target by a rate of **4,040** miles
- There were **0** light rail revenue vehicle derailments in November.
- Improved over last month in both total and rate per million revenue miles in NTD reportable injuries
- Fell short of performance targets:
 - **8 reportable injuries in November**, compared to **9** in October and the target of **6.58**
 - November's rate per million revenue miles was **17.16**, compared to October's **21.06** and the target **14.35**

Questions?

