

Greater Cleveland Regional Transit Authority



Public Transportation Agency Safety Plan (PTASP)

Status of the Performance Targets for the Audit,
Safety Compliance and Real Estate Committee

October 12, 2021



GCRTA PTASP

- Current Plan Approved by Board of Trustees on 2/16/21
- Approved by ODOT on 3/11/21
- Contains Performance Targets based on the National Public Transportation Plan

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- Next update will be complete by 1/31/22 to meet ODOT and FTA requirements
- Will update Board of Trustees on changes and review the new performance targets

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Four Categories of Performance Targets:

- Rail Fatalities
- Rail Reportable Injuries
- Safety Events
- System Reliability

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- Fatalities: Death excluding that resulting from illness or other natural causes and criminal homicides that are not related to collisions with a rail transit vehicle.
- Target = No more than 1 in 2021
- Actual YTD = 1, Tower City Incident

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- Rail Reportable Injuries: An injury requiring hospitalization for more than 48 hours; Results in a fracture of any bone; Causes severe hemorrhages, nerve, muscle or tendon damage; Involves any internal organ; or Involves significant burns.

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- Target = No more than 2 in 2021
- Actual = 1, Substation Maintainer hospitalized from being struck in the head while pulling electrical cable into the station. Equipment used to aid in the cable pulling broke away from the wall under pressure.

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- Rail Safety Events: A reportable accident, incident or occurrence. Examples include grade crossing collisions, evacuations due to life safety (smoke), & derailments.
- Target = No more than 10
- Actual = YTD, 18

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- Derailments, 2
 - Rail Shop Transfer Table/February
 - Small Work Truck/October
- Smoke/Fire, 15
 - 14 on HRV Fleet involving traction motor, cooling motor or other aging-fleet electrical component failure
- Collision, 1
 - Rail Yard, slow speed, fatigue, no injury

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- Preventable Collision Rate: A measure of collisions whereby the Operator failed to do everything reasonable which could have been done to avoid the collision. Expressed as a rate per 100,000 miles driven.
- Target = No more than 1.25 Collisions per 100,000 Miles
- Actual = 1.24 Collisions per 100,000 Miles

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- Occupational Injury Rate: A measure of job related injuries expressed as a rate per 200,000 hours of work (OSHA formula).
- Target = No more than 7.0 injuries per 200,000 hours worked
- Actual = 7.65 injuries per 200,000 hours worked

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- Miles Between Service Interruptions (MBSI): The mean distance between major mechanical failures.
- Examples include brake failures, motor issues, a door problem, axle defects, and suspension problems.

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Through Second Quarter:

- Target = Light Rail Trains 3,377 miles
Heavy Rail Trains 12,191 miles
- Actual = Light Rail Trains 5,538
Heavy Rail Trains 12,626

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Questions

