

SMEMORANDUM

TO: Genesee Transportation Council Members & Alternates
FROM: James Stack, Executive Director JS
DATE: January 4, 2024
SUBJECT: Recommendation to the GTC Board concerning amending the *National Performance Measures Report* and the *2023-2027 Transportation Improvement Program* by revising the HSIP and Highway Safety Performance Targets and the Transit Safety Performance Measures set forth in the RGRTA Public Transportation Agency Safety Plan / Proposed Council Resolution 24-02

Highway Safety Performance Targets

The Highway Safety Performance Targets are updated on an annual basis. Since the first adoption of the Highway Safety Performance Targets, GTC has included the agreed upon targets in both the [National Performance Measures Report](#) and the *Transportation Improvement Program (TIP)*, per the federal guidance.

NYS DOT has conducted its annual analysis of crash data and has coordinated with the Governor’s Traffic Safety Committee (GTSC) to establish safety targets for 2024, based upon a five-year history of crashes through 2021. The 2024 safety targets reported by GTSC via its Annual Highway Safety Report and 2024 safety targets reported by NYS DOT via its Highway Safety Improvement Program (HSIP) report (see Table 1 below) have been submitted to the United States Department of Transportation. As GTC has agreed to support the State’s safety targets, the *National Performance Measures Report*, incorporated into the *Long Range Transportation Plan for the Genesee-Finger Lakes Region 2045* by reference, and the *2023-2027 Transportation Improvement Program* need to be updated to reflect the 2024 targets.

Table 1 – 2024 Highway Safety Targets

Measure	Targets	
	2023	2024
Number of Fatalities	988.2	1016.1
Rate of Fatalities per 100M Vehicle Miles Traveled (VMT)	0.836	0.886
Number of Serious Injuries	11,086.2	11,089.9
Rate of Serious Injuries per 100M VMT	9.337	9.606
Number of Nonmotorized Fatalities and Serious Injuries	2,633.4	2,628.4

As part of this update, GTC staff will make editorial changes to the *2023-2027 TIP* where there are references to Resolution and/or dates of GTC Board action. As part of this update, GTC staff will make editorial changes to the *National Performance Measures Report* where there are references to Resolution and/or dates of GTC Board action.

Transit Safety Performance Targets

The Federal Transit Administration (FTA) published a final Public Transportation Agency Safety Plan (PTSAP) rule on July 19, 2018. Under this rulemaking, providers of public transportation systems that are a recipient or sub-recipient of FTA Urbanized Area Formula Grant Program funds under 49 U.S.C. Section 5307 are subject to FTA's State Safety Oversight Program and must develop and implement a PTASP based on a Safety Management Systems approach. Accordingly, the Rochester-Genesee Regional Transportation Authority (RGRTA) is required to develop a PTASP and establish transit safety targets annually.

The PTASP must include performance targets for the performance measures established by FTA in the National Public Transportation Safety Plan, which was published on January 28, 2017. The transit safety performance measures are as follows:

- Total number of reportable fatalities by mode
- Reportable fatality rate per total vehicle revenue miles by mode.
- Total number of reportable injuries by mode.
- Rate of reportable injuries per total vehicle revenue miles by mode.
- Total number of reportable safety events by mode.
- Rate of reportable safety events per total vehicle revenue miles by mode.
- System reliability – mean distance between major mechanical failures by mode.

Providers subject to the rule must certify a PTASP, including transit safety targets for the above measures. The date by which providers must do so was July 20, 2021. GTC agreed to support RGRTA's transit safety targets on December 13, 2021 via Resolution 21-76, thus agreeing to plan and program projects that are anticipated to make progress toward achieving the targets.

In December 2023, the RGRTA Board of Commissioners approved the 2023-2024 PTASP. RGRTA has set December 2023 through December 2024 targets to meet the latest PTASP requirement. Per the GTC Board's guidance as related to the previous National Performance Measures, GTC staff recommend agreeing to support RGRTA's Transit Safety Performance Targets, as shown in Table 2 on the following page.

Table 2. Transit Safety Performance Targets for the Rochester-Genesee Regional Transportation Authority

Transit Mode	Service	Fatalities (total)	Fatality Rate (per 100,000 VRM)	Injuries (total)	Injury Rate (per 100,000 VRM)	Safety Events (total)	Safety Event Rate (per 100,000 VRM)	System Reliability (VRM per change off)
Fixed Route	DO	0	0	42	0.71	23	0.39	5,500
Demand Response	DO	0	0	6	0.33	3	0.17	20,000
Van Pool	PT	0	0	0	0.00	0	0.00	0

PT= Purchased Transportation; DO = Directly Operated; VRM = Vehicle Revenue Miles

Please note that Van Pool Mode of Transit Service ended and has been deleted from RGRTA's FTA National Transit Database profile, as such the Van Pool target has been removed from Table 2.

As part of this update, GTC staff will make editorial changes to the *National Performance Measures Report* where there are references to Resolution and/or dates of GTC Board action.

The following items are included for your consideration:

1. **Proposed Resolution 24-02** (Amending the *National Performance Measures Report* and the *2023-2027 Transportation Improvement Program* by revising the HSIP and Highway Safety Performance Targets and the Transit Safety Performance Measures set forth in the RGRTA Public Transportation Agency Safety Plan)
2. **Fact Sheet** – NYS Safety Target Setting Methods – 2024 Targets (NYSDOT Office of Traffic Safety)

Recommended Action:

Recommend action by GTC Board on proposed Council Resolution 24-02