



2022 TRANSIT AGENCY SAFETY TARGETS – REQUIREMENTS

Performance-Based Planning and Programming

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Presentation Items

- Transit Agency Safety Plans Rule
- Transit Safety Performance Measures
- Applicability
- Calculation of Regional Targets
- Adopted 2021 Regional Targets
- Next Steps

Federal Requirement – Transit Agency Safety Plans

- Federal Performance Based Planning and Programming (PBPP) regulations requires applicable providers of public transportation to develop and certify an agency safety plan
- Applicable transit providers are required to annually set targets for four (4) Transit Safety performance measures
- MPOs have 180 days following to adopt Transit Safety targets for the metropolitan planning area (i.e., regional targets)



Transit Safety Performance Measures

	Performance Measures
Fatalities	Total number of reportable fatalities and the rate per total vehicle revenue miles by mode
Injuries	Total number of reportable injuries and the rate per total vehicle revenue miles by mode
Safety Events*	Total number of reportable events and the rate per total vehicle revenue miles by mode
System Reliability	Mean distance between major mechanical failures by mode

*Collisions, derailments, fires, or life safety evacuations



Applicable Regional Agencies

- Transit safety requirements apply to providers of public transportation that are recipients and sub-recipients of federal Section 5307 funding under FTA regulation
 - WMATA: Metrorail, Metrobus, MetroAccess
 - DDOT: DC Circulator, DC Streetcar
 - MDOT-MTA: MTA Commuter Bus
 - PRTC: Bus and paratransit
 - and local systems in Suburban Maryland:
 - VanGo (Charles Co.)
 - TransIT (Frederick Co.)
 - Ride On (Montgomery Co.)
 - The Bus (Prince George's Co.)



Calculation of Regional Safety Targets

Targets for the region based on those adopted or identified by each provider of public transportation

Measures are calculated for each mode:

- Number of Fatalities/Serious Injuries/Incidents – total number for all providers of that mode
- Rate of Fatalities/Serious Injuries/Incidents – total number for all providers of the mode divided by the total number of Vehicle Revenue Miles (VRM) for that mode (reported in rate per 100,000 VRM)
- Mean Distance Between Failure (MDBF) – the total number of VRM for that mode divided by the total number of failures for all providers of the mode

2021 Regional Transit Safety Targets

Final targets for the region adopted by the TPB on November 17, 2021

	Fatalities		Serious Injuries		Safety Events		Reliability
	Number	Rate	Number	Rate	Number	Rate	MDBF
Heavy Rail (HR)	0	0	244	0.31	84	0.11	254,000
Streetcar Rail (SR)	0	0	0	0.00	4	0.27	672
Urban Bus (MB)	0	0	411	0.69	463	0.78	13,654
Commuter Bus (CB)	0	0	6	0.07	20	0.23	13,265
Demand Response (DR)	0	0	40	0.19	18	0.08	0
Vanpools (VP)	0	0	6	0.05	118	1.05	9,500

Rate - Per 100,000 Vehicle Revenue Miles

MDBF = Mean Distance Between Failures



Next Steps

- **Now** – Collect 2022 targets, previous year’s performance vs. target information from applicable Transit Agencies
- September/October – TPB Regional Public Transportation Subcommittee briefed on draft 2022 targets
- October/November – Technical Committee briefed on requirements and draft 2022 regional safety targets
- October/November – TPB briefed on requirements and draft 2022 regional safety targets
- November/December – TPB will be asked to adopt resolution with final regional transit safety targets



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