



2020 TRANSIT AGENCY SAFETY TARGETS – DRAFT

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
- 2020 Regional Transit Safety Targets - **DRAFT**
- Next Steps

Final Rule – Transit Agency Safety Plans

- Federal Performance Based Planning and Programming (PBPP) rulemaking requires applicable providers of public transportation to develop and certify an agency safety plan
- Applicable transit operators are required to annually set targets for four (4) Transit Safety performance measures, initially in July 2020
 - Due to the pandemic, FTA has “suspended enforcement” of the rule until December
- MPOs have 180 days following to adopt Transit Safety targets for providers of public transportation in their 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

- Requirement applies to providers of public transportation that are recipients and sub-recipients of federal Section 5307 funding that are 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 still preliminary – 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



2020 Regional Transit Safety Targets - **DRAFT**

Draft targets for the region based on the adopted or preliminary measures for each mode

	Fatalities		Serious Injuries		Safety Events		Reliability
	Number	Rate	Number	Rate	Number	Rate	MDBF
Heavy Rail (HR)*	0	0	324	0.38	95	0.11	7,000
Streetcar Rail (SR) **	0	0	3	2.28	2	3.80	10,000
Urban Bus (MB)*	0	0	452	0.74	602	0.98	21,645
Commuter Bus (CB)	0	0	12	0.19	185	3.00	11,593
Demand Response (DR)	0	0	69	0.00	207	0.97	48,422

Rate - Per 100,000 Vehicle Revenue Miles

* Includes preliminary measures not yet finalized by a provider

** Placeholder for Streetcar Rail based on data from previous years



Next Steps

- Take any comments on draft regional transit safety targets
- September 16 – TPB briefed on draft regional targets
- November 18 – TPB adopt final regional transit safety targets

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