

# 2024 TRANSIT AGENCY SAFETY TARGETS – 09.24 DRAFT

---

## Performance-Based Planning and Programming

Pierre Gaunard  
TPB Transportation Planner

TPB Regional Public Transportation Subcommittee  
September 24, 2024



# Presentation Items

---

- Transit Agency Safety Plans Rule
- Transit Safety Performance Measures
- Applicability
- Adopted 2023 Regional Targets
- 2023 Safety Performance
- Under Development 2024 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
- As of May 2024, applicable transit providers are required to annually set targets for fourteen (14) Transit Safety performance measures
- MPOs set annual regional targets for the metropolitan planning area following state/agency adoption of its Transit Safety targets



# Transit Safety Performance Measures

General Safety Performance Measures	
1a: Major Events	2.1: Transit Worker Fatality Rate (NEW)
1b: Major Event Rate	3a: Injuries
1.1: Collision Rate (NEW)	3b: Injury Rate
1.1.1: Pedestrian Collision Rate (NEW)	3.1: Transit Worker Injury Rate (NEW)
1.1.1: Vehicular Collision Rate (NEW)	4a: Assaults on Transit Workers (NEW)
2a: Fatalities	4b: Rate of Assaults on Transit Workers (NEW)
2b: Fatality Rate	5: System Reliability

Source: FTA PTASP National Safety Plan Webinar (August 2024)



# Applicable Regional Agencies

---

- Transit safety requirements apply to providers of public transportation that are recipients and sub-recipients of federal Section 5307 funding:
  - **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.)



# 2023 Regional Transit Safety Targets

- Final targets for the region adopted by the TPB on December 20, 2023

	Fatalities		Injuries		Safety Events		Reliability
	Number	Rate	Number	Rate	Number	Rate	MDBF
Heavy Rail (HR)	0	0	146	18.30	41	5.20	25,000
Streetcar Rail (SR)	0	0	0	0.00	4	0.27	1,000
Urban Bus (MB)	0	0	351	0.58	356	0.59	11,378
Commuter Bus (CB)	0	0	1	0.01	0	0	33,401
Demand Response (DR)	0	0	49	0.24	59	0.29	0
Vanpools (VP)	0	0	0	0	0	0.00	0

Rate - Per 100,000 Vehicle Revenue Miles

MDBF = Mean Distance Between Failures



# 2023 Regional Transit Safety Data

---

- From the FTA NTD Safety & Security time-series data
- **WILL SEND POST-MEETING**



# 2024 Regional Transit Safety Targets

---

**\* Under Development – Need info. from agencies/jurisdictions, including for new performance measures**





# 2024 Safety Target Schedule

---

- **Now** – Collect 2024 targets and previous year’s performance vs. target information from applicable Transit Agencies
- **Today** – TPB Regional Public Transportation Subcommittee briefed on preparation efforts of 2024 targets
- November – Technical Committee briefed on requirements and draft 2024 regional safety targets
- November – TPB briefed on requirements and draft 2024 regional safety targets
- December – TPB will be asked to adopt resolution with final regional transit safety targets



## Pierre Gaunard

Transportation Planner  
(202) 962-3761  
pgaunard@mwkog.org

[mwkog.org](http://mwkog.org)

---

777 North Capitol Street NE, Suite 300  
Washington, DC 20002



National Capital Region  
**Transportation Planning Board**

# Calculation of Regional Safety Targets

---

- Targets for the region are 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

