

2025 TRANSIT AGENCY SAFETY TARGETS – SECOND UPDATE

Performance-Based Planning and Programming

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National Capital Region
Transportation Planning Board

Presentation Items

- Transit Agency Safety Plans Rule
- Transit Safety Performance Measures
- Applicability
- 2024 (FY) Regional Transit Safety Performance
- 2024 Regional Transit Safety Targets - **Adopted**
- 2025 Regional Transit Safety Targets - **Draft**
- 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)



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/Injuries/Safety Events– total number for all providers of that mode
 - Rate of Fatalities/Injuries/Safety Events– 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, except for HR which is 10M 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



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 Streetcar
 - **MDOT-MTA:** MTA Commuter Bus
 - **PRTC:** OmniRide and OmniRide Access/Connect
 - and local systems (fixed-route and demand response) in Maryland:
 - **VanGo** (Charles Co.)
 - **Transit** (Frederick Co.)
 - **Ride On** (Montgomery Co.)
 - **The Bus** (Prince George's Co.)



2024 Regional Transit Safety Performance

- Based on data reported by transit agencies to the NTD in FY 2024

2024														
	Fatalities			Injuries			Safety Events		Assaults on Transit Workers		Collisions			
	Number	Rate	Transit Worker Rate	Number	Rate	Transit Worker Rate	Number	Rate	Number	Rate	Rate	Pedestrian Collision Rate	Vehicular Collision Rate	VRM (NTD)
Heavy Rail (HR)	4	0.42	0	284	29.71	5.96	51	5.34	19	1.99	0.73	0.52	0.00	95,590,159
Streetcar Rail (SR)	0	0.00	0	1	0.80	0.00	5	3.98	0	0.00	2.39	0.00	2.39	125,701
Urban Bus (MB)	3	0.004	0	611	0.78	0.13	293	0.37	14	0.02	0.37	0.03	0.32	78,568,870
Commuter Bus (CB)	0	0.00	0	3	0.04	0.01	6	0.09	0	0.00	0.06	0.00	0.06	7,029,009
Demand Response	0	0.00	0	39	0.20	0.05	34	0.17	1	0.01	0.17	0.01	0.15	19,952,978
Vanpools (VP)	0	0.00	0	0	0.00	0.00	0	0	0	0.00	0.00	0.00	0.00	6,539,084

- Rate = Per 100,000 Vehicle Revenue Miles, except HR (per 10M VRM)
- “Safety Events” totals do not include events categorized as Security Events or Not Otherwise Classified (NOC) in the NTD
- Reliability data (MDBF) is not included



2024 Regional Transit Safety Targets

- Final targets for the region adopted by the TPB on December 18, 2024

	Fatalities			Injuries			Safety Events		Assaults on Transit Workers		Collisions			Reliability
	Number	Rate	Transit Worker Rate	Number	Rate	Transit Worker Rate	Number	Rate	Number	Rate	Rate	Pedestrian Collision Rate	Vehicular Collision Rate	MDBF
Heavy Rail (HR)	0	0	0	256	24.20	9.50	127	12.80	586	59.1	2	0.00	2	29,000
Streetcar Rail (SR)	0	0	0	6	6.69	n/a	6	6.69	n/a	n/a	n/a	n/a	n/a	1,000
Urban Bus (MB)	0	0	0	403	0.69	0.19	357	0.61	207	0.37	1.43	0.05	1.12	8,964
Commuter Bus (CB)	0	0	0	6	0.07	0.10	3	0.04	0	0	2	0	2	25,000
Demand Response (DR)	0	0	0	42	0.21	0.07	54	0.27	9	0.04	0.25	0.00	0.25	24,913
Vanpools (VP)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

- Rate = Per 100,000 Vehicle Revenue Miles, except HR (per 10M VRM)
- MDBF = Mean Distance Between Failures



2025 Regional Transit Safety Targets - Draft

- Under Development – Pending count data for collisions and transit worker injury rate calculations
- Missing information from Ride On, TheBus, and DC Streetcar

	Fatalities			Injuries			Safety Events		Assaults on Transit Workers		Collisions			Reliability
	Number	Rate	Transit Worker Rate	Number	Rate	Transit Worker Rate	Number	Rate	Number	Rate	Rate	Pedestrian Collision Rate	Vehicular Collision Rate	MDBF
Heavy Rail (HR)	0	0	0	288	24.60	8.70	124	10.60	545	46.5	2	0.89	0.49	32,000
Streetcar Rail (SR)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Urban Bus (MB)	0	0	0	316	0.74	n/a	400	0.94	230	0.54	n/a	n/a	n/a	8,964
Commuter Bus (CB)	0	0	0	0	0.00	0.00	124	0.29	0	0	n/a	n/a	n/a	15,782
Demand Response (DR)	0	0	0	32	0.17	n/a	72	0.39	3	0.02	n/a	n/a	n/a	24,913
Vanpools (VP)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- Rate = Per 100,000 Vehicle Revenue Miles, except HR (per 10M VRM)
- MDBF = Mean Distance Between Failures



2025 Safety Target Schedule

- **Current** – Regional Public Transportation Subcommittee briefed on draft 2025 regional safety targets and provide feedback. Remaining data needed is collected.
- November – Technical Committee briefed on requirements and draft 2025 regional safety targets
- November – TPB briefed on requirements and draft 2025 regional safety targets
- December – TPB will be asked to adopt resolution with final regional transit safety targets



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