Greater Cleveland Regional Transit Authority

2025 Public Transportation Agency Safety Plan (PTASP)

Audit, Safety Compliance and Real Estate Committee

December 3, 2024

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Public Transportation Agency Safety Plan (PTASP)

- A new requirement in 2020 per 49 CFR 673

- Framework based on the National Public Transportation Safety Plan

- 2025 will be our sixth version of the PTASP

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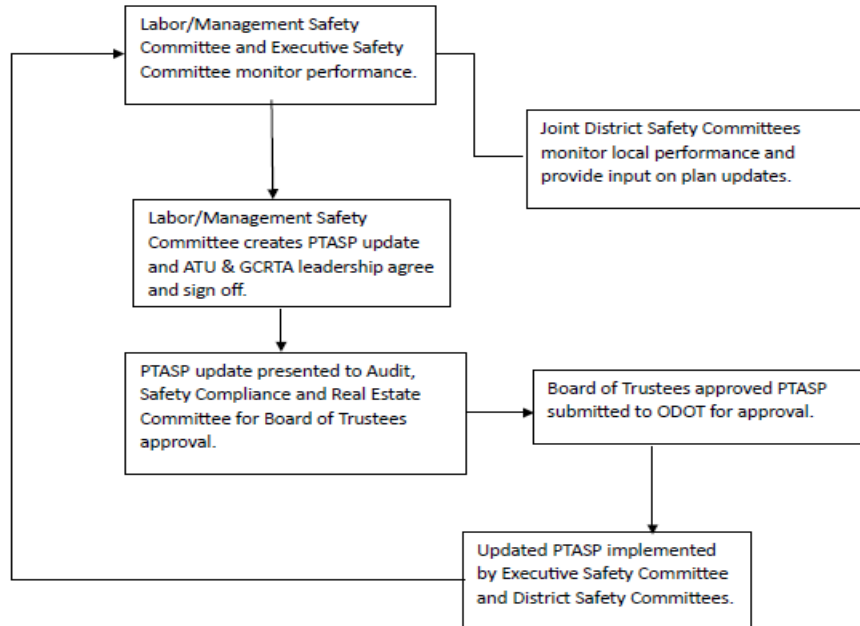
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Public Transportation Agency Safety Plan (PTASP)

- Flexible and Scalable to the Transit Property

- Required for all Rail Transit Agencies

- Required for all Large Bus Agencies

- Incorporates Safety Mgt. System Principles tailored to GCRTA

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Public Transportation Agency Safety Plan (PTASP)

- Describes all required processes and activities, for example, having an Employee Hazard Reporting & Tracking System

- Identifies Performance Targets as outlined in the requirements of the National Public Transportation Safety Plan

- Contains methods of Safety Promotion to communicate and prioritize safety and summarizes safety training requirements

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Public Transportation Agency Safety Plan (PTASP)

Labor/Management Safety Committee and Executive Safety Committee monitor performance.

Joint District Safety Committees monitor local performance and provide input on plan updates.

Labor/Management Safety Committee creates PTASP update and ATU & GCRTA leadership agree and sign off.

PTASP update presented to Audit, Safety Compliance and Real Estate Committee for Board of Trustees approval.

Board of Trustees approved PTASP submitted to ODOT for approval.

Updated PTASP implemented by Executive Safety Committee and District Safety Committees.

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Public Transportation Agency Safety Plan (PTASP)
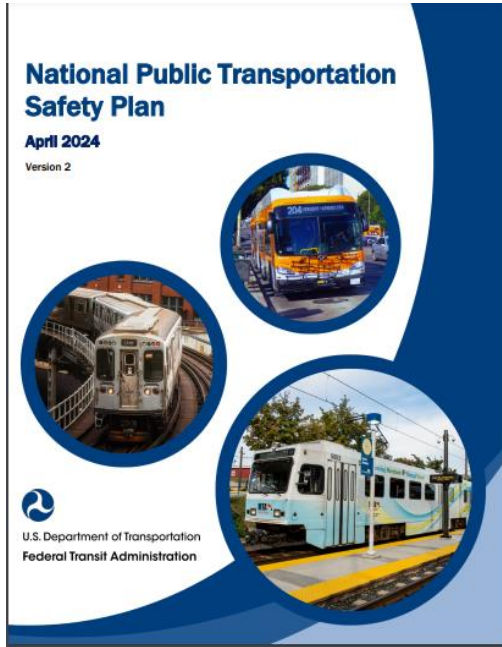

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PTASP Performance Results

Performance Measure	2024 Target	2024 Actual (ytd)	2023 Actual	2022 Actual
Miles Between Service Interruptions LRV	4,000 miles	2589	3067	3334
Miles Between Service Interruptions HRV	11,800 miles	5995	9175	8416
Rail Fatalities	no more than 1	1	0	0
Rail Reportable Safety Events (exludes injuries & fatalities)	18	25	18	27
Preventable Collisions Bus & Rail	1.4/100K miles	1.72	1.56	1.52
Rail Reportable Injuries (excludes fatalities)	no more than 2	0	3	1
Occupational Injury Rate	6.75/200K hours	6.04	4.63	6.02

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New PTASP Performance Measures for 2025

National Public Transportation Safety Plan

April 2024

Version 2

U.S. Department of Transportation
Federal Transit Administration

- FTA's primary guidance document for improving safety performance of transit systems

- FTA changes apply to more than 700 transit agencies nationwide, including those serving areas with a population of 200,000 or more

- Updates incorporate Bipartisan Infrastructure Law requirements for PTASP safety performance measures for transit systems under FTA's safety jurisdiction

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New PTASP Performance Measures for 2025

- All agencies must set Safety Performance Targets (SPTs) for measures in the National Safety Plan

- Agencies must set individual SPTs for each modal group they operate (GCRTA: Rail, Bus, Paratransit)

- Targets are set using a 3-year rolling average of GCRTA National Transit Database (NTD) data

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New PTASP Performance Measures for 2025

Performance Measure	Mode	2021	2022	2023	3-Year Average	2025 Reduction Goal	2025 Target
1. Major Events (All safety & security events as defined by the NTD.)	Rail	31	29	23	27.6	2.3	25.3
	Bus	61	66	63	63.3	1.3	62
	Paratransit	12	12	13	12.3	0.15	12.15
2. Major Event Rate	Rail	1.09	1.01	0.83	0.97	0.07	0.9
	Bus	0.47	0.49	0.46	0.47	0.01	0.46
	Paratransit	0.35	0.3	0.27	0.3	0.02	0.28
3. Collisions	Rail	2	2	2	2	2	0
	Bus	51	56	53	53.3	1.3	52
	Paratransit	12	12	13	12.3	0.15	12.15
4. Collision Rate	Rail	0.07	0.07	0.07	0.07	0.07	0
	Bus	0.39	0.41	0.39	0.4	0.01	0.395
	Paratransit	0.35	0.3	0.27	0.3	0.02	0.28
5. Pedestrian Collision Rate	Rail	0	0	0	0	0	0
	Bus	0	0.02	0.04	0.02	0.02	0
	Paratransit	0	0	0	0	0	0

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New PTASP Performance Measures for 2025

Performance Measure	Mode	2021	2022	2023	3-Year Average	2025 Reduction Goal	2025 Target
6. Vehicular Collision Rate	Rail	0.07	0.03	0.07	0.07	0.07	0
	Bus	0.37	0.36	0.34	0.36	0.01	0.35
	Paratransit	0.34	0.3	0.25	0.29	0.02	0.27
7. Fatalities	Rail	1	0	0	0.3	0.3	0
	Bus	1	2	1	1.3	1.3	0
	Paratransit	0	0	0	0	0	0
8. Fatality Rate	Rail	0.04	0	0	0.01	0.01	0
	Bus	0.01	0.01	0.01	0.01	0.01	0
	Paratransit	0	0	0	0	0	0
9. Transit Worker Fatality Rate	Rail	0	0	0	0	0	0
	Bus	0	0	0	0	0	0
	Paratransit	0	0	0	0	0	0
10. Injuries	Rail	12	11	11	11.3	0.15	11.15
	Bus	142	143	130	138.3	4.3	134
	Paratransit	25	18	25	22.7	2.35	20.35

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New PTASP Performance Measures for 2025

Performance Measure	Mode	2021	2022	2023	3-Year Average	2025 Reduction Goal	2025 Target
11. Injury Rate	Rail	0.42	0.38	0.4	0.4	0.01	0.39
	Bus	1.1	1.05	0.96	1.04	0.04	1
	Paratransit	0.72	0.45	0.52	0.55	0.05	0.5
12. Transit Worker Injury Rate	Rail	0.04	0.1	0.18	0.11	0.04	0.07
	Bus	0.16	0.1	0.11	0.12	0.01	0.11
	Paratransit	0.17	0.1	0.06	0.1	0.02	0.08
13. Assaults on Transit Workers	Rail	n/a	n/a	12	n/a	n/a	n/a
	Bus	n/a	n/a	75	n/a	n/a	n/a
	Paratransit	n/a	n/a	3	n/a	n/a	n/a
14. Rate of Assaults on Transit Workers	Rail	n/a	n/a	0.43	n/a	n/a	n/a
	Bus	n/a	n/a	0.55	n/a	n/a	n/a
	Paratransit	n/a	n/a	0.06	n/a	n/a	n/a
15. System Reliability	Rail	49	298	145	164	57.5	106.5
	Bus	877	889	740	835	47	788
	Paratransit	38	58	48	48	5	43

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GCRTA PTASP

Recommendation:

Staff requests the Audit, Safety Compliance and Real Estate Committee to recommend the 2025 Public Transportation Agency Safety Plan to the Board of Trustees for approval.

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Questions

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