

PUBLIC TRANSPORTATION AGENCY SAFETY PERFORMANCE MEASURES AND TARGETS

Background

In compliance with Moving Ahead with Progress-21 (MAP -21) and the Fix America Surface Transportation (FAST) Act, the Federal Transportation Administration (FTA) developed a Public Transportation Safety Program on August 11, 2016, that adopted a Safety Management System as the foundation for developing and implementing a Safety Program. FTA is committed to developing, implementing, and consistently improving strategies and processes to ensure that transit achieves the highest practicable level of safety.

Transit agencies in the Houston-Galveston Region were required to submit a Public Transportation Agency Safety Plan (PTASP) by December 31, 2020. All regional agencies did except for the City of Galveston (Island Transit) which was granted a waiver. Each agency developed seven performance targets in areas of safety including fatalities, injuries, incidents and Mean Distance Between Failures. Agencies reported Performance Measures of past years' achievements along with targets for future goals. All agencies incorporated Vision Zero with respect to fatalities in their targets.

Current Situation

H-GAC is required to report regional targets for agencies by June 30, 2021. H-GAC, consistent with FTA guidelines divides transit agencies into two reporting tiers to develop aggregate targets. Tier I include those agencies that operate rail (including Bus Rapid Transit), fixed route (and commuter) bus, and demand response/paratransit services. The Metropolitan Transit Authority of Harris County (METRO) and Island Transit fall within Tier I. Since Island Transit has not yet reported, the Tier I report is exclusively METRO data. Tier II includes five transit agencies that operate fixed route and/or demand response service including Fort Bend Transit, Harris County Transit, the Gulf Coast Transit District, The Woodlands Township and Conroe Connect. The level of fixed route and demand response service as measured by vehicle revenue miles varies considerably. As a result, H-GAC used weighted average related to vehicle revenue miles to develop performance targets for Tier II agencies. Tier I and Tier II Public Transportation Agency Safety Performance Measures and Targets are included on the following pages.

This information is available to review in the [Draft Performance Measures - System Evaluation](#) report (page 43). This information will be presented to TAC and TPC's approval in June. After TPC's approval, the report will be included under Appendix B of the 2021-2024 Transportation Improvement Program and will be submitted to FTA prior to the June 30, 2021 deadline.

Action Requested

Informational only.

Tier I Public Transportation Agency Safety Performance Measures and Targets

Performance Measures and Targets (Rates are per 100K Vehicle Revenue Miles)		METRO	
		TIER I	
	MODE	Performance Measures	2021 Targets
Fatalities	Bus	2	0
Fatality Rate		0.003	0
Injuries		194	194
Injury Rates		0.37	0.258
Safety Events		136	136
Safety Event Rates		0.258	0.258
Mean Distance Between Failures		10,084	10,084
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Fatalities	Rail	4	0
Fatality Rate		0.122	0
Injuries		50	50
Injury Rates		1.466	1.466
Safety Events		121	121
Safety Event Rates		3.51	3.51
Mean Distance Between Failures		9,292	9,292
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Fatalities	Paratransit	0	0
Fatality Rate		0	0
Injuries		35	35
Injury Rates		0.174	0.174
Safety Events		39	39
Safety Event Rates		0.19	0.19
Mean Distance Between Failures		22,039	22,039

Tier II Public Transportation Agency Safety Performance Measures and Targets

Performance Measures and Targets (Rates are per Vehicle Revenue Mile)		OTHER PROVIDERS*	
		TIER II	
	MODE	Performance Measures	2021 Targets
Fatalities	Fixed Route	0	0
Fatality Rate		0	0
Injuries		0.58	0.49
Injury Rates		0.0000017	0.0000008
Safety Events		0.96	0.82
Safety Event Rates		0.0000030	0.0000020
Mean Distance Between Failures		82,544	82,544
Fatalities	Demand Response	0	0
Fatality Rate		0	0
Injuries		1.34	1.34
Injury Rates		0.0000013	0.0000013
Safety Events		2.53	1.93
Safety Event Rates		0.0000019	0.0000015
Mean Distance Between Failures		386,106	386,106

*Weighted averages of Performance Measures and Targets from Fort Bend Transit, Harris County Transit, the Gulf Coast Transit District, The Woodlands Township and Conroe Connect.