

WILMAPCO Council

Action Item Summary Sheet

Meeting Date: January 17, 2023

Action Item #12 : To Adopt the WILMAPCO Safety Performance Measures for Cecil County and New Castle County

Description/Summary of Item:

Staff will present recommended safety performance measures for the WILMAPCO region, developed in coordination with Cecil Transit and Delaware Transit Corporation performance targets based on the safety performance measures established under the National Public Transportation Safety Plan. Targets include:

- Total fatalities
- Fatalities per 100k vehicle revenue miles
- Total Injuries
- Injuries per 100k vehicle revenue miles
- Total safety events
- Safety events per 100k vehicle revenue miles
- System reliability (failures per 100k vehicle revenue miles)

Summary of Action Taken by PAC:

No action taken by the PAC

Summary of Action Taken by TAC:

The TAC recommended adopting the Safety Performance Measures for the WILMAPCO region at their December 15, 2022 meeting.

Summary of Action Taken by Subcommittee/Task Force (if applicable):

N/A

WILMAPCO Staff Recommendations:

The WILMAPCO staff recommends that Council Adopt the WILMAPCO Safety Performance Measures for Cecil County and New Castle County.

WILMAPCO Council:

John Sisson, Chair
*Delaware Transit Corporation
Chief Executive Officer*

David L. Edgell
*Delaware Office of State Planning
Coordination, Director*

Danielle Hornberger
Cecil County Executive

Michael Kline
Mayor of North East

Nicole Majeski
*Delaware Dept. of Transportation
Secretary*

Matthew Meyer
New Castle County Executive

Heather Murphy
*Maryland Dept. of Transportation
Director, Office of Planning and
Capital Programming*

Michael S. Purzycki
Mayor of Wilmington

Eric Scott Thompson
Mayor of Elsmere

WILMAPCO Executive Director
Tigist Zegeye

DRAFT RESOLUTION

BY THE WILMINGTON AREA PLANNING COUNCIL (WILMAPCO) APPROVING THE ADOPTION OF TRANSIT SAFETY PERFORMANCE TARGETS

WHEREAS, the Wilmington Area Planning Council (WILMAPCO) has been designated the Metropolitan Planning Organization for Cecil County, Maryland and New Castle County, Delaware by the Governors of Maryland and Delaware, respectively; and

WHEREAS, the Public Transportation Agency Safety Plan (PTASP) regulations, at 49 CFR 673, requires covered public transportation providers to establish safety performance targets to address the safety performance measures identified in the National Public Transportation Safety Plan (49 CFR 673.11(a)(3)); and

WHEREAS, a safety performance target is a quantifiable level of performance or condition expressed as a value for the measure related to safety management activities to be achieved within a set time period; and

WHEREAS, Federal regulations require Metropolitan Planning Organizations to establish transit safety performance targets specific to the Metropolitan Planning Organization's planning area within 180 days after the transit provider establishes its initial targets; and

WHEREAS, Cecil Transit and Delaware Transit Corporation have provided WILMAPCO with their targets for Number of Fatalities, Rate of Fatalities, Number of Injuries, Rate of Injuries, Number of Safety Events, Rate of Safety Events, and System Reliability; and

WHEREAS, WILMAPCO will adopt the transit safety performance targets, as established by Cecil Transit and Delaware Transit Corporation; and

WHEREAS, WILMAPCO agrees to plan and program projects in the Transportation Improvement Program (TIP) to accomplish the transit agencies' targets;

NOW THEREFORE BE IT RESOLVED that WILMAPCO adopts transit safety performance targets as set by the region's transit providers..

Date: _____

John Sisson, Chairperson
Wilmington Area Planning Council



DRAFT

Transit Safety Performance Management

Federal regulations require covered Public Transportation Providers and State Departments of Transportation (DOT's) to establish Safety Performance Targets to address the Safety Performance Measures identified in the National Public Transportation Agency Safety Plan (49 CFR § 673.11(a)(3)). Additionally, once Metropolitan Planning Organizations (MPOs) receive the Transit Safety Performance Targets from the local Public Transportation Providers they are also required to establish Transit Safety Targets for the MPO Planning Area.

Public Transportation Providers, State DOTs and MPOs are required to establish seven safety performance targets for the four safety performance measures. These seven targets must also be set for each "mode" a Public Transportation Provider is responsible for. The following are the targets that must be established:

- Number of Fatalities: The total number of reportable fatalities by mode.
- Rate of Fatalities: The rate of reportable fatalities per total Vehicle Revenue Miles (VRM) (in 100 thousand VRM) by mode.
- Number of Injuries: The total number of reportable injuries by mode.
- Rate of Injuries: The rate of reportable injuries per total Vehicle Revenue Miles (VRM) (in 100 thousand VRM) by mode.
- Number of Safety Events: The total number of reportable safety events by mode.
- Rate of Safety Events: The rate of reportable safety events per total Vehicle Revenue Miles (VRM) (in 100 thousand VRM) by mode.
- System Reliability: Mean distance between major mechanical failures (MMF) by mode.

When do MPOs establish Transit Safety Performance Targets?

MPO's must establish Transit Safety Targets specific to the MPO planning area within 180 days of receiving the targets from the Public Transportation Provider. When establishing Transit Safety Performance Targets, the MPO may support the Public Transportation Providers targets or establish its own targets for the metropolitan planning area.



2022 Cecil Transit Safety Performance Targets

Safety Performance Targets							
<i>Specify performance targets based on the safety performance measures established under the National Public Transportation Safety Plan.</i>							
Mode of Transit Service	Total Fatalities	Fatalities per 100K VRM	Total Injuries	Injuries per 100K VRM	Safety Events Total	Safety Events per 100K VRM	System Reliability (VRM/failures)
Deviated Fixed Route	0	0	<1	<.25	1	.32	>36,000
Demand Response	0	0	<1	0	0	0	>137,000
Micro transit/ COMPASS	0	0	<1	0	0	0	>137,000

2022 Delaware Transit Corporation (DTC) Safety Performance Targets

Mode of Service	Three-Year Average System Results for DTC		Performance Target
	FIXED ROUTE	PARATRANSIT	
Vehicle Miles (VRM)	8,518,626	6,544,790	
Fatalities			
Total	0	0	Maintain at 0%
Rate per 100K VRM	0	0	
Injuries			
Total	59	16	Reduce by 10%
Rate per 100K VRM	0.69	0.19	
Safety Events			
Total	26	9	Reduce by 10%
Rate per 100K VRM	0.31	0.11	
System Reliability			
Total MMFs	1,742	221	
VRM/MMF*	4,894	29,614	Increase by 10%

*MDBF: Mean Distance Between Major Mechanical Failures (in miles)



Partners with you in transportation planning