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 Thurston County
 North Thurston Public Schools
 Olympia School District
 Tumwater School District
 Intercity Transit
 LOTT Clean Water Alliance
 Port of Olympia
 PUD No. 1 of Thurston County

ASSOCIATE MEMBERS:

Lacey Fire District #3
 Puget Sound Regional Council
 The Evergreen State College
 Thurston Conservation District
 Thurston Economic
 Development Council
 Timberland Regional Library

MEMORANDUM

TO: Thurston Regional Planning Council
 FROM: R. Veena Tabbutt, Deputy Director
 DATE: May 27, 2022
 SUBJECT: Federal Transit Safety Performance Measure Targets – 2022 update

PURPOSE

Adopt updated federal transit safety performance measure targets.

Summary:

- As part of a federal requirement, Intercity Transit is required to develop a Public Transportation Agency Safety Plan (PTASP) and set transit safety performance measures and targets. Their plan was adopted in September 2020.
- Thurston Regional Planning Council (TRPC) adopted transit safety measures and targets in October 2020.
- Intercity Transit's safety targets are updated annually, and the 2022 update is now available.
- Federal rules also require that TRPC, in their role as the Metropolitan Planning Organization (MPO) for the Thurston Region, adopt transit safety performance targets. As Intercity Transit is the only public agency transit provider in the region, staff recommends TRPC adopt Intercity Transit's updated 2022 transit safety performance measure targets.
- The performance measures will also be included in the Regional Transportation Improvement Plan (RTIP) and will be amended into the Regional Transportation Plan (RTP) during the next amendment.

REQUESTED ACTION

Adopt Resolution 2022-04 relating to Transit Safety Performance Measure Targets.



Marc Daily
 Executive Director

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vt:bm

Attachment

EQUITY CONSIDERATIONS

How has equity been considered in this agenda item?

Improving transit safety will benefit people traveling within Intercity Transit's service area. Underserved populations rely on transit to a greater extent proportionally, therefore, improving transit safety provides direct equity benefits.

BACKGROUND

As part of a federal requirement (49 CFR Part 673), Intercity Transit is required to develop a Public Transportation Agency Safety Plan (PTASP) and set performance measures and targets. Their plan was adopted in September 2020.

In early 2022, Intercity Transit revised the Plan's performance measure targets.

Performance targets must be set for the following four areas of performance measures:

- Fatalities: Total number of fatalities reported to National Transit Database (NTD) and rate per total vehicle revenue miles (VRM) by mode.
- Injuries: Total number of injuries reported to NTD and rate per total VRM by mode.
- Safety Events: Total number of safety events reported to NTD and rate per total VRM by mode.
- System Reliability: Mean distance between major mechanical failures by mode.

Federal rules also require TRPC, in their role as the Metropolitan Planning Organization (MPO) for the Thurston Region, to adopt transit safety performance targets. As Intercity Transit is the only public agency transit provider in the region, staff recommends TRPC adopt Intercity Transit's updated transit safety performance measure targets.

PERFORMANCE TARGETS

Intercity Transit has chosen to establish and measure their safety performance against realistic and data-driven safety performance indicators and safety performance targets.

Below is a summary of Intercity Transit's recent safety performance.

Please note:

For the purposes of safety event performance measure, Federal Transit Administration (FTA) uses all safety events that meet a National Transit Database (NTD) major event reporting threshold (events reported on the S&S-40 form). In other words, for this measure, FTA includes only major *safety* events and excludes major *security* events (both of which are reported to the NTD). This means that an agency may have to report a major security event to the NTD, but it would exclude that security event from its safety events performance measure. The NTD defines a safety event as a collision, derailment, fire, hazardous material spill, act of nature (Act of God), evacuation, or other safety occurrence not otherwise classified occurring on transit right-of-way, in a transit revenue facility, in a transit maintenance facility, or involving a transit revenue vehicle and meeting established NTD thresholds.

For purposes of the injuries safety performance measure, FTA uses the NTD definition of injury (harm to a person requiring immediate medical attention away from the scene) and the injuries reported on both the NTD S&S-40 (major) and S&S-50 (non-major) forms but excludes injuries resulting from assaults and other crimes. This means that an agency may have to report a crime-related injury to the NTD, but it would exclude that injury from its injury performance measure. This also means that injuries safety performance measure includes operator injuries.

2020 Safety Performance (Intercity Transit)							
Mode of Service	Fatalities (Total)	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Event (Total)	Safety Event (Per 100k VRM)	System Reliability
Fixed Route	0	0	2	.12	6	.36	TBD
Paratransit/ Demand Response	0	0	1	.10	1	.10	TBD
Vanpool	0	0	0	0	0	0	TBD
Vehicle Revenue Miles Driven in 2020 (Intercity Transit)							
Fixed Route/Commuter Bus							1,651,679 Miles
Paratransit/Demand Response							999,681 Miles
Vanpool							1,626,197 Miles

2021 Safety Performance (Intercity Transit)							
Mode of Service	Fatalities (Total)	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Event (Total)	Safety Event (Per 100k VRM)	System Reliability
Fixed Route	0	0	2	.08	2	.08	36,000
Paratransit/ Demand Response	0	0	0	0	1	.12	42,000
Vanpool	0	0	0	0	1	.07	718,000
Vehicle Revenue Miles Driven in 2021 (Intercity Transit)							
Fixed Route/Commuter Bus							2,477,445 Miles
Paratransit/Demand Response							844,966 Miles
Vanpool							1,435,516 Miles

Below are the recommended 2022 transit safety performance targets, compared to the existing 2021 targets:

2021 Transit Safety Performance Targets							
Mode of Service	Fatalities (Total)	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Event (Total)	Safety Event (Per 100k VRM)	System Reliability
Fixed Route	0	0	1	.01	2	.34	TBD
Paratransit/ Demand Response	0	0	1	.01	1	.09	TBD
Vanpool	0	0	1	.01	2	.10	TBD

2022 Transit Safety Performance Targets							
Mode of Service	Fatalities (Total)	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Event (Total)	Safety Event (Per 100k VRM)	System Reliability
Fixed Route	0	0	1	.07	1	.07	34,200
Paratransit/ Demand Response	0	0	1	.12	1	.12	39,900
Vanpool	0	0	1	.07	1	.07	682,100

Notes:

System Reliability was "TBD" (To Be Determined) in 2021. Intercity hadn't captured these data as defined by the Federal Transit Administration prior to January 2021.

VRM is vehicle revenue miles.

NEXT STEPS

The performance measures are included in the Regional Transportation Improvement Plan (RTIP) and will be amended into the Regional Transportation Plan (RTP) during the next amendment.

**THURSTON REGIONAL PLANNING COUNCIL
RESOLUTION NO. 2022-04**

RELATING to Federal Transit Performance Measures and Targets.

WHEREAS, Thurston Regional Planning Council (TRPC) is designated by the governor as the official Metropolitan Planning Organization (MPO) for the Olympia-Lacey, WA Urbanized Area; and

WHEREAS, TRPC also functions as the state-designated Regional Transportation Planning Organization; and

WHEREAS, TRPC therefore has the responsibility for developing and adopting a regional transportation plan and programming federal funding for transportation projects; and

WHEREAS, the Federal Surface Transportation Block Grant (STBG), STBG set-aside, and Congestion Mitigation and Air Quality (CMAQ) funding programs that are the responsibility of TRPC are authorized by the Fixing America's Surface Transportation (FAST) Act (Public Law 114-94, December 4, 2015); and

WHEREAS, the Moving Ahead for Progress in the 21st Century Act (MAP-21) became law in July 2012 and established federal performance measures, with two primary goals:

- Increase transparency and accountability relating to states' investment of federal taxpayer dollars into transportation infrastructure and services nationwide, and
- Ensure that states distribute funds to transportation projects that collectively make progress toward the achievement of national goals.

WHEREAS, the Public Transportation Safety Plan federal rule (49 CFR Part 673) requires Public Transit Agencies to set transit safety performance measures for the following:

- Fatalities: Total number of fatalities reported to National Transit Database (NTD) and rate per total vehicle revenue miles (VRM) by mode.
- Injuries: Total number of injuries reported to NTD and rate per total VRM by mode.
- Safety Events: Total number of safety events reported to NTD and rate per total VRM by mode.
- System Reliability: Mean distance between major mechanical failures by mode; and

WHEREAS, Intercity Transit is the Public Transit Agency for the Olympia-Lacey, WA Urbanized Area; and

WHEREAS, Intercity Transit set transit safety performance measure targets in September 2020; and

WHEREAS, Intercity Transit updated transit safety performance measure targets in March 2022; and

WHEREAS, the National Performance Management Measures Code of Federal Regulations (23 CFR Part 490) requires MPOs to establish transit safety performance measure targets after the public transit agency has set targets.

NOW, THEREFORE BE IT RESOLVED BY THE THURSTON REGIONAL PLANNING COUNCIL:

THAT TRPC will adopt performance measure targets for transit safety, as attached herein.

Adopted this 3rd day of June 2022.

ATTEST:

Marc Daily
Executive Director

Hilary Seidel, Chair
Thurston Regional Planning Council

**THURSTON REGIONAL PLANNING COUNCIL PERFORMANCE MEASURES AND TARGETS
(METROPOLITAN PLANNING AREA)**

2021 Transit Safety Performance Targets							
Mode of Service	Fatalities (Total)	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Event (Total)	Safety Event (Per 100k VRM)	System Reliability
Fixed Route	0	0	1	.07	1	.07	34,200
Paratransit/ Demand Response	0	0	1	.12	1	.12	39,900
Vanpool	0	0	1	.07	1	.07	682,100

VRM is vehicle revenue miles.