



Pinellas County MPO

2040 Long Range Transportation Plan

Measures of Effectiveness

Introduction

The Measures of Effectiveness included on the following pages were developed for the 2040 Pinellas County MPO Long Range Transportation Plan. The MPO will evaluate these measures annually, to gauge the effectiveness of the LRTP in meeting its stated goals, the results of which will be presented in the annual LRTP Performance Report.

2040 LRTP Measures of Effectiveness

Goal 1: Support and further economic development.

Measure	Target
Transportation costs as a percentage of household income	Decrease
Number of planned capacity and operational improvements that provide access to activity centers that have been completed	Increase
# of transit routes serving major activity centers	Increase
Average frequency of transit routes serving major activity centers	Increase
Number of Quick Fix Projects Completed (Regional Freight Study)	Increase
Combination Truck Hours of Delay	Decrease

Goal 2: Provide a balanced and integrated multi-modal transportation system for local and regional travel.

Measure	Target
% of SIS facilities at LOS D or above	Increase
% of Work Trips using Alternate Modes	Increase
% of centerline miles of major road network with bicycle lanes on both sides	Increase
% of centerline miles of major road network with sidewalks on at least one side	100%
% of centerline miles of major road network with sidewalks on both sides	Increase
% of centerline miles within major activity centers with sidewalks on both sides of the road	100%
% of Pinellas Trail Loop completed	100%
Miles of regional trail facilities	Increase
Ridership on transit routes serving regional travel	Increase
Transit Service Miles	Increase
Transit Service Miles per 1,000 people	Increase
Transit Revenue hours of service per 1,000 people	Increase

Goal 3: Provide for a safe and secure transportation system for all users.

Measure	Target
Frequency of fatal and/or incapacitating crashes (all crashes)	Decrease by 5% annually, from 2006-2010 average, consistent with the SHSP
Frequency of fatal and/or incapacitating crashes involving bicycles	Decrease by 5% annually, consistent with the SHSP
Rate of fatal and/or incapacitating crashes involving pedestrians	Reduce the per capita rate of severe pedestrian crashes to fewer than 10 per 100,000 by 2020, consistent with the PSAP
Frequency of fatal and/or incapacitating crashes involving pedestrians	Decrease by 5% annually, consistent with the SHSP
Frequency of fatal and/or incapacitating aggressive driving related crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of fatal and/or incapacitating intersection crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of fatal and/or incapacitating motorcycle crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of fatal and/or incapacitating lane departure crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of fatal and/or incapacitating impaired driving crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of all, fatal and/or incapacitating aging road user crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of all, fatal and/or incapacitating teen driver crashes	Decrease by 5% annually, consistent with the SHSP
Frequency of all, fatal and/or incapacitating distracted driver crashes	Decrease by 5% annually, consistent with the SHSP
Number of schools that have walking school buses	Increase

Goal 4: Provide for, manage and operate an efficient transportation system.

Measure	Target
% completion of ATMS Master Plan	100%
Average reduction in travel time on corridors that make up the ITS/ATMS system	Monitor
# of management, operational, and safety projects completed with federal/state funding set aside or local funds	Increase
Number of vans in Pinellas County in TBARTA vanpool program.	Increase
Does PSTA utilize technology, as appropriate, to facilitate the efficient movement and operation of transit vehicles?	Yes

Goal 5: Encourage public participation and ensure that the transportation plan and other MPO planning activities reflect the needs of the community, particularly those that are traditionally underserved.

Measure	Target
Number of events and comment opportunities provided annually	Increase

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Goal 6: Enhance quality of life and promote sustainability.

Measure	Target
Fuel Usage Per Capita	Decrease
Number of Good Air Quality Index Days Annually	Increase
% of PSTA's fleet using hybrid electric technology	Increase
Number of electric vehicle charging stations countywide	Increase
Single-occupant vehicles	Reduce
Vehicle Hours Traveled (VHT) per capita	Reduce
Vehicle Miles Traveled (VMT) per capita	Reduce