

Performance Measures Update

12/7/16

Transportation Accessibility Advisory Committee



Recent Activity

- Requested changes presented to working groups set up for each transportation mode, along with suggested actions developed by group lead
- Mode work groups modified or endorsed suggested actions.

Actions

- Unchanged measures
- Measures with changes to be used in Transportation Policy Plan (TPP)
- New measure to be used in Transportation Policy Plan (TPP)
- New measures to be used in Transportation System Performance Evaluation (TSPE)
- Measures with changes that are not recommended

Unchanged MAP21 Measures

- Roadway Pavement Condition (metric may change with USDOT Final Rulemaking)
- Bridge Condition (metric may change with USDOT Final Rulemaking)
- Transit State of Good Repair

Unchanged Measures

- MnPASS Reliability
- MnPASS Usage
- Runway Pavement Condition
- Average Aircraft Delay at MSP Airport
- Cost per Passenger at MSP Airport
- Mode Share/Mode Participation Rate
- Reliability Index
- Annual Hours of Delay for Peak Period Auto Commuters
- Transit Ridership
- Implementation of Regional Bicycle Transportation Network

Unchanged Measures

- 10-Ton Truck Corridors
- Truck Travel Time Index
- Population with Half-Mile Access to High-Frequency Transit Service
- Greenhouse Gas and Criteria Pollutant Emissions
- Bicycle/Pedestrian Miles Traveled
- Acres of Riverfront/Rail-Accessible Industrial Land
- Job and Population Growth near High Frequency Transit Service

Measures with Changes

- Number and Rate of Fatalities – added transit as mode and also report single year values
- Number and Rate of Serious Injuries – added transit as mode and also report single year values
- Bicycle/Pedestrian Crashes – also tabulate number of non-motorized fatalities and serious injuries as per USDOT Rulemaking
- Average Commute Time – report for transit as well as auto commutes

New Measure for TPP

- Transit Supportive Comprehensive Plans

New Measures for TSPE

- Transit Farebox Recovery
- Cost of Transportation - percent of household income
- Solar Power Generated at Transit Facilities and Recycling Options at Transit Stops/Stations - policies not currently in Transportation Policy Plan but could be considered in the plan update
 - If included in transportation plan update, should be tracked in TSPE

Measures with Changes but Not Recommended

- Job Accessibility – Requested change would add MnPASS routes.
 - University of Minnesota Accessibility Observatory has been asked if this is possible, but they have not yet responded.
 - Model could be used, but would not be consistent with methodology of the University of Minnesota work
 - Walking, transit and auto still to be used in TPP
- Transit On-Time Performance
 - This varies among providers
 - This is more an indicator of quality of schedule planning

Equity Lens

- Measures that have sufficient geographic or service detail will be assessed through the Thrive Equity Lens.

Next Steps

- Submit recommendations to Ad Hoc Policymaker Work Group
- Present to TAAC
- Return to TAC-Planning for endorsement
- Present to TAC for endorsement
- Present to TAB for endorsement
- Present to Transportation Committee for endorsement
- Target setting