

MAP 21

PERFORMANCE MEASURES

Truck Travel Time Reliability

Just as traffic congestion delays everyday commuters, it also delays freight. But instead of being late for work or meetings, delays in freight create supply chain issues for goods. Truck Travel Time Reliability (TTTR) is the measure used to determine delay within the Interstate Highway system for freight carriers. With TTTR only large commercial motor vehicle data is used to calculate the travel time index. The TTTR can show where “bottle necks” occur within the Interstate Highway system for freight carriers. The TTTR can also be used by freight carriers to avoid known unreliable time periods on the Interstate Highway System.

Performance Measure

Truck Travel Time Reliability of the Interstate System



CARTS Baseline Data

	2017
Truck Travel Time Reliability on the Interstate System	1.39

Adopted Targets by ArDOT

	2-Year	4-Year
Truck Travel Time Reliability on the Interstate System	1.45	1.52

Did you know? Commercial trucks account for more than 50% of vehicles traveling on I-40 in Lonoke County.

MAP 21

Moving Ahead for Progress in the 21st Century

Map-21 is the current funding and authorization bill that governs United States federal surface transportation policy and spending. It was passed by Congress on June 29, 2012, and President Barack Obama signed it into law on July 6, 2012.

Performance Management

A key and new feature of Map-21 is the establishment of a performance and outcome-based program. The states are required to invest resources toward the achievement of national goals for (1) Safety, (2) Infrastructure Condition, (3) Congestion Reduction, (4) System Reliability, (5) Freight Movement and Economic Vitality, (6) Environmental Sustainability, and (7) Reduced Project Delivery Delays.

Regional Performance Measures

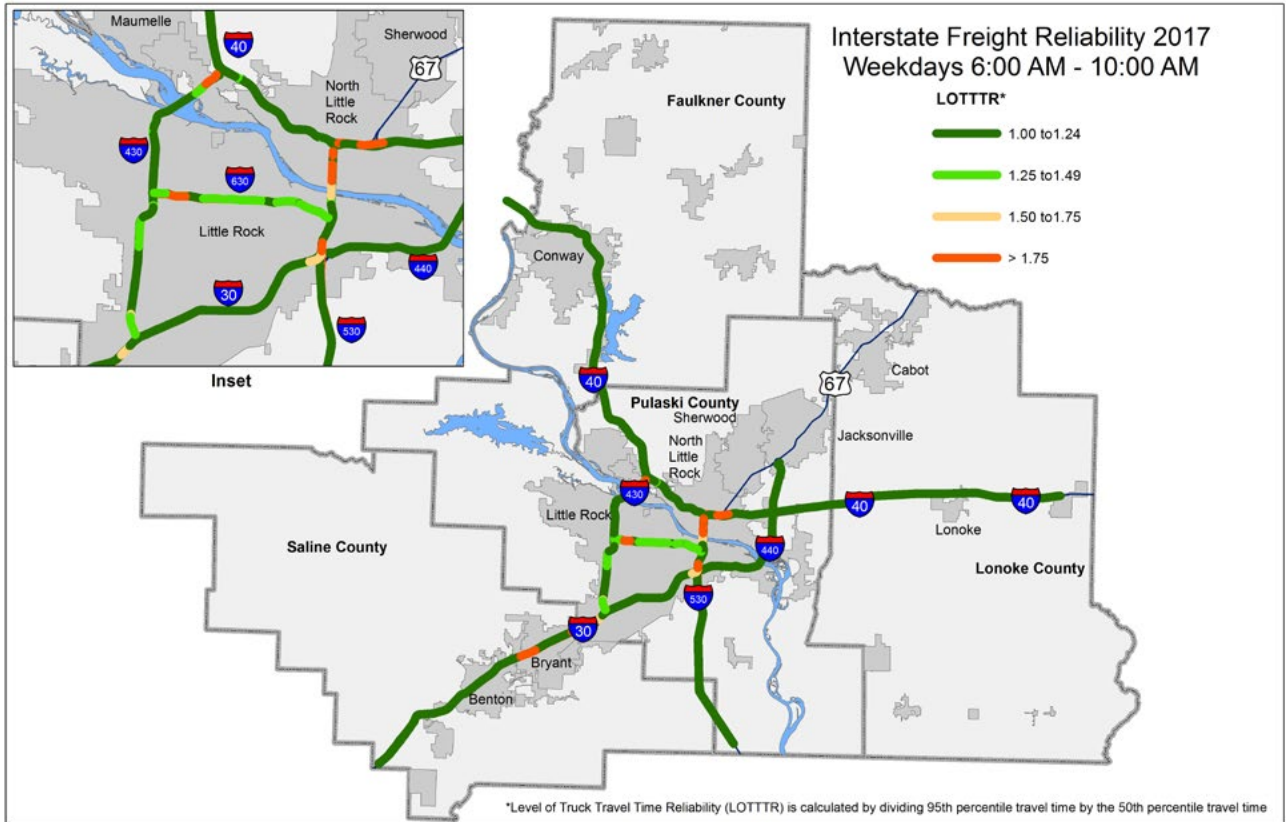
Metroplan is responsible for tracking the first five performance measures for central Arkansas, and for assisting the state with reaching statewide targets. Metroplan has released a series of fact sheets on each performance measure. Metroplan is working with the Arkansas Department of Transportation (ArDOT) to identify policies and projects that can help reach targets.

Did you know? Shippers and freight carriers require predictable travel times to remain competitive.

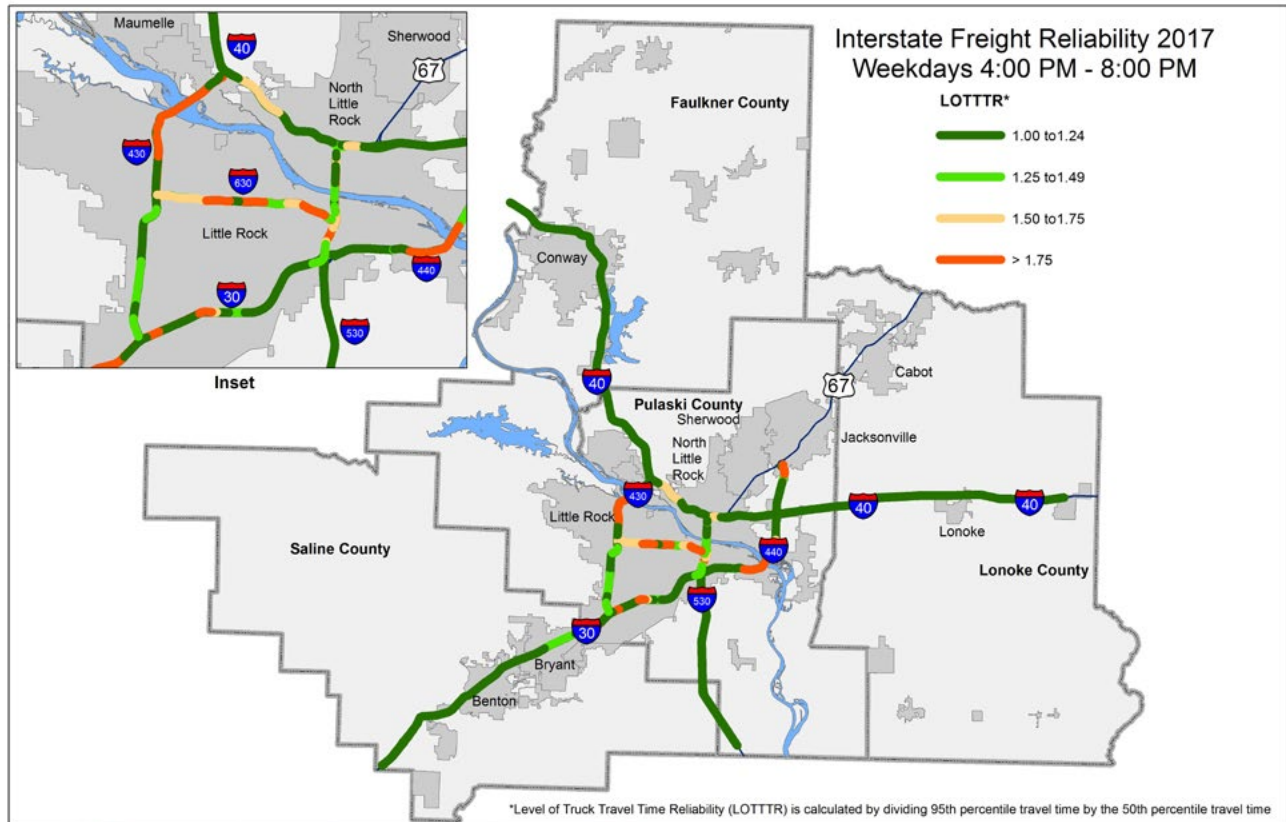
CARTS Targets

As an MPO, Metroplan can either choose to set its own targets or agree to support targets set by ArDOT for the state. On October 3, 2018 the Metroplan board of directors agreed by resolution to support ArDOT’s targets for the state.

truck travel time reliability



Source: 2017 ArDOT NPMRDS Data



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