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

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
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<tbody>
<tr>
<td>Truck Travel Time Reliability on the Interstate System</td>
<td>1.39</td>
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Adopted Targets by ArDOT

<table>
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<tr>
<th></th>
<th>2-Year</th>
<th>4-Year</th>
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<tbody>
<tr>
<td>Truck Travel Time Reliability on the Interstate System</td>
<td>1.45</td>
<td>1.52</td>
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Did you know? Commercial trucks account for more than 50% of vehicles traveling on I-40 in Lonoke County.

MAP 21 Performance Measures Fact Sheet - March 2019

TRUCK TRAVEL TIME RELIABILITY
Interstate Freight Reliability 2017
Weekdays 6:00 AM - 10:00 AM

Source: 2017 ArDOT NPMRDS Data

Interstate Freight Reliability 2017
Weekdays 4:00 PM - 8:00 PM

Source: 2017 ArDOT NPMRDS Data