

DURHAM • CHAPEL HILL • CARRBORO

**DCHC**

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

# Destination 2055 Performance Measures

**Monet Moore, DCHC MPO Staff**

MPO Board Meeting | November 19, 2024

# Key Dates:

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June 25, 2024

MPO Board Meeting

Adopted revised 2050 Goals and Objectives with incorporated feedback from Technical Committee.

November 5, 2024

Technical Committee Meeting

Presentation of Performance Measures – recommended for adoption.

November 19, 2024

MPO Board Meeting

Presentation of Performance Measures for adoption.

# Performance Measures for Use in Destination 2055

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# Performance Measures for Use in Destination 2055

GOALS	PERFORMANCE MEASURES
<p><b>Connect People and Places</b></p>	<ul style="list-style-type: none"> <li>• # of jobs within 30 min by transit/auto/walk for communities of concern/underrepresented communities<sup>1</sup></li> <li>• % of jobs/population in Travel Choice Neighborhoods<sup>2</sup></li> <li>• % of communities of concern/underrepresented communities in Travel Choice Neighborhoods<sup>2</sup></li> <li>• % of communities of concern/underrepresented communities with "good" or "excellent" transit and/or walk access</li> <li>• % of communities of concern/underrepresented communities with greater-than-average work-trip travel times</li> </ul>

<sup>1</sup> **Communities of concern (CAMPO) and underrepresented communities (DCHC MPO)** are communities with high concentrations of one or more of the following: minority residents (non-White race and/or Hispanic/Latino residents), low-income households, seniors, residents with limited English proficiency, or households with no vehicles. Data source: U.S. Census Bureau, 2022 American Community Survey 5-Year Estimates.

<sup>2</sup> **Travel Choice Neighborhoods** are neighborhoods located within ¼ mile of existing or planned high-frequency (headways of 15 minutes or less during peak period) bus routes or within ½ mile of planned premium transit stations (bus rapid transit or passenger rail).

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GOALS	PERFORMANCE MEASURES
<b>Ensure that All People have Access to Multimodal and Affordable Transportation Choices</b>	<ul style="list-style-type: none"><li>• % of bus stops that meet ADA requirements</li><li>• Transit service miles (total and high-frequency routes)</li><li>• Bus average on-time performance</li><li>• MPO total programming per capita on bicycle and pedestrian facilities</li><li>• Proportion of jurisdictions that have an ordinance requiring developers to build or pay in lieu for sidewalks</li><li>• Bike/Ped level of traffic stress</li><li>• Transit ridership/Total transit boardings per capita</li><li>• Transit and non-motorized mode share in Travel Choice Neighborhoods (moved from previous goal)</li></ul>

GOALS	PERFORMANCE MEASURES
<b>Manage Congestion and System Reliability</b>	<ul style="list-style-type: none"><li>• Interstate LOTTR (level of travel time reliability)</li><li>• Non-interstate NHS LOTTR</li><li>• Total and per capita minutes of delay for auto and non-auto (transit &amp; non-motorized) trips</li><li>• <i>Average congested travel time for auto/transit (AM)</i></li><li>• Number of alternative transportation users supported by the TDM program/VMT reduced</li><li>• ITS Investments (\$) per capita or ITS treatment miles by freeway and arterial</li></ul>

GOALS	PERFORMANCE MEASURES
<p><b>Promote Safety, Health and Well-being</b></p>	<p><b><u>FHWA PMs (Highway)</u></b></p> <ul style="list-style-type: none"> <li>• Number of non-motorized fatalities and serious injuries (total and in communities of concern/underrepresented communities; rate per 100k population)</li> <li>• Number of motorized fatalities</li> <li>• Rate of motorized fatalities (per 100m VMT)</li> <li>• Number of motorized serious injuries</li> <li>• Rate of motorized serious injuries (per 100m VMT)</li> </ul> <p><b><u>FHWA PMs (Transit)</u></b></p> <ul style="list-style-type: none"> <li>• Fixed-route (FR) and demand response (DR) total fatalities and fatalities per 100k vehicle revenue miles (VRM)</li> <li>• FR and DR total injuries and injuries per 100k VRM</li> <li>• FR and DR total safety events and safety events per 100k VRM</li> <li>• FR and DR system reliability (distance between major mechanical failures)</li> </ul> <p><b><u>Other PMs</u></b></p> <ul style="list-style-type: none"> <li>• Bike/ped facility density</li> </ul>

GOALS	PERFORMANCE MEASURES
<b>Stimulate Inclusive Economic Vitality</b>	<ul style="list-style-type: none"><li>• Interstate truck TTR (travel time reliability)</li><li>• Vehicle miles of travel (VMT) per capita and total</li><li>• Average travel distance for work trips</li><li>• % of TIP projects completed on time</li></ul>



GOALS	PERFORMANCE MEASURES
<b>Ensure Equity and Participation</b>	<ul style="list-style-type: none"><li>• Impact of planned highway improvements on communities of concern/underrepresented communities</li><li>• % of communities of concern with greater-than-average minutes of delay per capita</li><li>• % of public engagement/involvement plan requirements met</li><li>• Link to Environmental Justice reports from both MPOs</li></ul>

GOALS	PERFORMANCE MEASURES
<p><b>Improve Infrastructure Condition and Resilience</b></p>	<ul style="list-style-type: none"> <li>• Percent of interstate pavement in good and poor condition</li> <li>• Percent of National Highway System (NHS) pavement in good and poor condition</li> <li>• Percent of NHS bridges in good and poor condition</li> <li>• Percentage of non-revenue transit vehicles that have met or exceeded their useful life benchmark (ULB)</li> <li>• Percentage of revenue transit vehicles within a particular asset class that have met or exceeded their ULB</li> <li>• Percentage of transit facilities with a condition rating below 3 on the Federal Transit Agency's Transit Economic Requirements Model (TERM)</li> </ul>

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GOALS	PERFORMANCE MEASURES
<b>Protect the Human and Natural Environment and Minimize Climate Change</b>	<ul style="list-style-type: none"><li>• % of planned investment in existing roadways</li><li>• Total and per capita transportation GHG emissions</li><li>• Total and per capita energy consumption from transportation sources</li></ul>

# Discussion

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Approve the presented Performance Measures for use in the development of MTP Destination 2055.

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