



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:

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

Performance Measures for Use in Destination 2055

GOALS	PERFORMANCE MEASURES
Connect People and Places	# of jobs within 30 min by transit/auto/walk for communities of concern/underrepresented communities¹ % of jobs/population in Travel Choice Neighborhoods² % of communities of concern/underrepresented communities in Travel Choice Neighborhoods² % of communities of concern/underrepresented communities with "good" or "excellent" transit and/or walk access % of communities of concern/underrepresented communities with greater-than-average work-trip travel times

¹ **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.

² **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).

GOALS	PERFORMANCE MEASURES
Ensure that All People have Access to Multimodal and Affordable Transportation Choices	• % of bus stops that meet ADA requirements • Transit service miles (total and high-frequency routes) • Bus average on-time performance • MPO total programming per capita on bicycle and pedestrian facilities • Proportion of jurisdictions that have an ordinance requiring developers to build or pay in lieu for sidewalks • Bike/Ped level of traffic stress • Transit ridership/Total transit boardings per capita • Transit and non-motorized mode share in Travel Choice Neighborhoods (moved from previous goal)

GOALS	PERFORMANCE MEASURES
Manage Congestion and System Reliability	• Interstate LOTTR (level of travel time reliability) • Non-interstate NHS LOTTR • Total and per capita minutes of delay for auto and non-auto (transit & non-motorized) trips • Average congested travel time for auto/transit (AM) • Number of alternative transportation users supported by the TDM program/VMT reduced • ITS Investments (\$) per capita or ITS treatment miles by freeway and arterial

GOALS	PERFORMANCE MEASURES
Promote Safety, Health and Well-being	FHWA PMs (Highway) • Number of non-motorized fatalities and serious injuries (total and in communities of concern/underrepresented communities; rate per 100k population) • Number of motorized fatalities • Rate of motorized fatalities (per 100m VMT) • Number of motorized serious injuries • Rate of motorized serious injuries (per 100m VMT) FHWA PMs (Transit) • Fixed-route (FR) and demand response (DR) total fatalities and fatalities per 100k vehicle revenue miles (VRM) • FR and DR total injuries and injuries per 100k VRM • FR and DR total safety events and safety events per 100k VRM • FR and DR system reliability (distance between major mechanical failures) Other PMs • Bike/ped facility density

GOALS	PERFORMANCE MEASURES
Stimulate Inclusive Economic Vitality	• Interstate truck TTR (travel time reliability) • Vehicle miles of travel (VMT) per capita and total • Average travel distance for work trips • % of TIP projects completed on time

GOALS	PERFORMANCE MEASURES
Ensure Equity and Participation	• Impact of planned highway improvements on communities of concern/underrepresented communities • % of communities of concern with greater-than-average minutes of delay per capita • % of public engagement/involvement plan requirements met • Link to Environmental Justice reports from both MPOs

GOALS	PERFORMANCE MEASURES
Improve Infrastructure Condition and Resilience	• Percent of interstate pavement in good and poor condition • Percent of National Highway System (NHS) pavement in good and poor condition • Percent of NHS bridges in good and poor condition • Percentage of non-revenue transit vehicles that have met or exceeded their useful life benchmark (ULB) • Percentage of revenue transit vehicles within a particular asset class that have met or exceeded their ULB • Percentage of transit facilities with a condition rating below 3 on the Federal Transit Agency's Transit Economic Requirements Model (TERM)

GOALS	PERFORMANCE MEASURES
Protect the Human and Natural Environment and Minimize Climate Change	• % of planned investment in existing roadways • Total and per capita transportation GHG emissions • Total and per capita energy consumption from transportation sources

Discussion

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



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