

2050 Metropolitan Transportation Plan (MTP)

Performance Measures – Transit Job Access (III.a)

Goal – Connect people and places

Objective – Increase mobility options for all communities – particularly communities of concern

Jobs Close to Transit

Transit provides a travel option for people who are not able to drive, purchase a vehicle, or get a ride in a personal vehicle. A transit option is important especially for work trips and especially for communities of concern, i.e., low-income, minority, young and senior persons. Transit job access shows the percentage of jobs that are within a ¼ mile of a bus route and within a ½ mile of a commuter rail transit (CRT) and bus rapid transit (BRT) station. These ¼ and ½ mile buffers are areas that are generally considered part of the prime transit market, and thus close to transit. As the percentage of total jobs in these transit markets rise, so does the access that people have to those jobs.

This measure of transit job access is a first step toward understanding multimodal access. However, MPO staff hope to make improvements to this measure. At this time, the travel model output data does not make it possible to distinguish the job access for communities of concern. It is hoped that ongoing efforts to improve the Triangle Regional Model (TRM), which is the region's travel demand model, will permit this distinction and analysis.

Results

The graph on the next page shows the percentage of total jobs that are close to transit for CAMPO and DCHC MPO in the following three scenarios:

Base year – Uses the current population and employment, and current roadway and transit network. Current is the year 2016.

No Build – Uses the population and employment for the year 2050, but the current roadway and transit network.

Adopted – Uses the population and employment for the year 2050, and the roadway and transit network for the year 2050 as depicted in the adopted 2050 MTP.

In the 2050 MTP, the investment in bus, CRT and BRT, and the concentration of jobs and population along key commuter corridors have a major impact on the job access by transit. The percentage of jobs close to transit jumps from the 17% - 31% range in the Base and No Build scenarios to 47% and 68% in the 2050 MTP.

