


Equity and Job Access

The Durham County Transit Plan partner agencies are committed to racial equity. The Durham Transit Plan seeks to include the voices of people of color and low-income communities in the planning process. The plan also is evaluating how projects improve access to jobs from the area's most vulnerable residents.

The following slides feature tables that summarize the equity data metrics.

Accessibility Analysis

- Identifies how many **people** and **jobs** are within a **45-60 minute transit trip** of a given location.
 - Includes the estimated time for walking to a bus stop, waiting for a bus, travel time on the bus, and time waiting for any connecting buses, if needed.
 - Shows **change in access** between specific locations in the Existing Transit Network and the Preferred Alternative Network.
 - The Preferred Alternative Network includes the implementation of Commuter Rail from West Durham to Wake County. However, full implementation of this project is dependent on identifying additional revenue sources.
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Multiple New Inputs Were Used in this Analysis

- **New Census Data** | The 2020 Census Data was released since the Transit Plan Options were developed and was used in this analysis.
- **Budget Assumptions** | Due to cost increases and changes to the financial model assumptions, the Recommended Transit Plan has a lower level of bus service investment than any of the Transit Plan Options.
- **Travel Time Assumptions** | The Recommended Transit Plan used the estimated average wait time for buses.

As a result, figures vary from those presented for the Transit Plan Options.









Equity and Job Access

The Recommended Plan Increases the Jobs Accessible from these Affordable Housing Communities

LEGEND

Percent change from existing

-  0% to 50%
-  50% to 100%
-  More than 100%

Affordable Housing Communities						
	McDougald Terrace	Oxford Manor	Damar Court	Shannon Rd Apartments	Greens of Pine Glen	519 E. Main Street
Jobs Accessible within a 45-minute transit trip						
Existing Transit Network	25,000	12,000	65,000	16,000	18,000	79,000
Percent Change from Existing						
Preferred Alternative Network	17% 	47% 	4% 	33% 	23% 	5% 








Equity and Job Access

The Recommended Plan Increases the Jobs Accessible from these Historically Black Neighborhoods

LEGEND

Percent change from existing

-  0% to 50%
-  50% to 100%
-  More than 100%

	Historically Black Neighborhoods						
	Bragtown	Walltown	Southside	Hayti and Fayetteville Corridor	Old Farm	East Durham	North East Durham
Jobs Accessible within a 45-minute transit trip							
Existing Transit Network	15,000	58,000	31,000	65,000	4,000	21,000	23,000
Percent Change from Existing							
Preferred Alternative Network	38% 	0% 	73% 	23% 	29% 	89% 	180% 

The Recommended Transit Plan Increases Access to Major Employment and Activity Centers

To view results, proceed to the next slide

LEGEND

Percent change from existing



0% to 50%



50% to 100%



More than 100%

Total Population

BIPOC Population

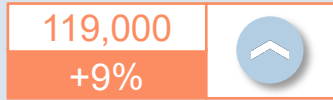
Within a 45-minute transit trip

Recommended Transit Plan

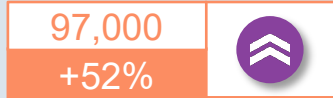
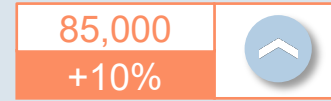
TODAY

TODAY

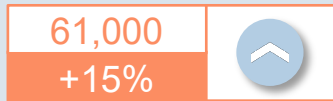
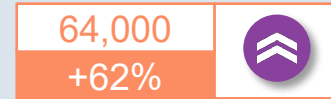
Recommended Transit Plan



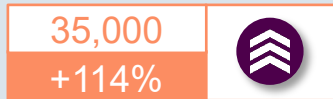
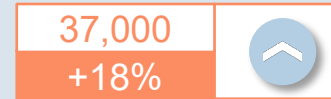
Downtown Durham



Duke / VA



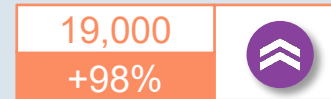
South Square



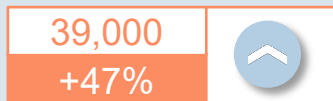
16,000

RTP*

10,000



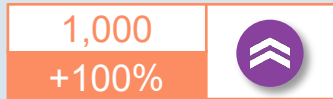
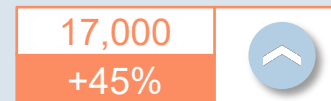
Within a 60-minute transit trip



26,000

UNC

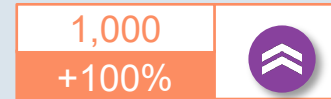
12,000



0

Raleigh

0



*The location used for the Research Triangle Park (RTP) changes from the existing Regional Transit Center (RTC) to a new location in RTP in the future.

Conclusions

- The Recommended Plan improves or maintains access to employment for all evaluated Affordable Housing Communities and Historically Black Neighborhoods.
 - The number of people with access to major employment centers increases between 9% and 114%.
 - BIPOC populations with access to major employment centers increases between 10% and 100%.
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