

REGIONAL EQUITY UPDATE

TAQC – 09.13.18

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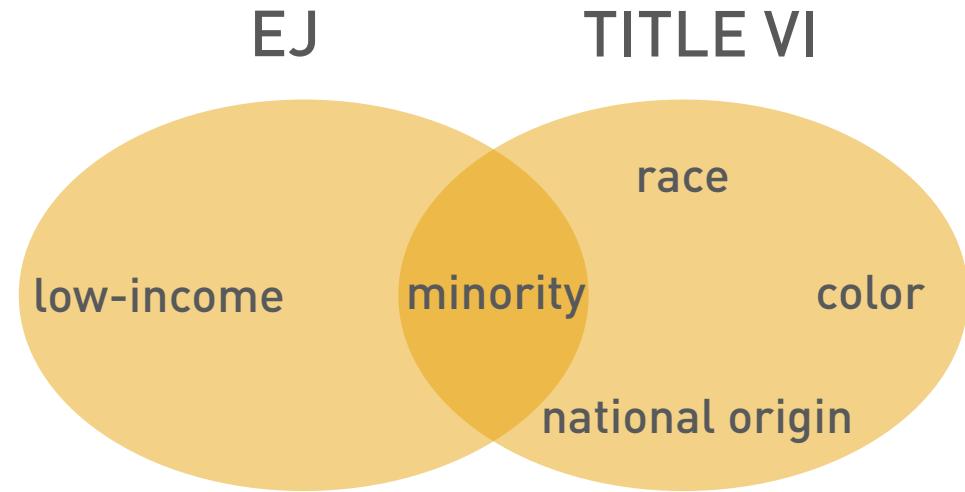
- Why update the equity model?
- What's new?
- Equity analysis results
- How will the analysis will be used by ARC?
- How will the analysis be shared for others to use?



WHY UPDATE?

brass tacks:

- The model completed in 2012 **needed a refresh** with current available data
- ARC has a **legal responsibility** to demonstrate compliance with Title VI of the Civil Rights Act, Americans with Disabilities Act, Limited English Proficiency Executive Order, and Environmental Justice Executive Order
- There is a need to better understand **where protected populations live in the region**, better **display and share findings**, and ultimately **serve** those populations



FHWA + FTA



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big picture:

- Where the rubber meets the road **opportunity for TEAG** (Transportation Equity Advisory Group) to provide **instrumental feedback**
- Burgeoning and **important topic area to ARC** staff, our stakeholders, and the public
- **Improve the equity measure in the TIP** Project Evaluation Framework
- Create a **useful, interactive user-friendly tool** that moves us beyond data displayed on a static map

2012 model inputs:

- Racial minority
- Ethnic minority
- Poverty

2012 Model Data Source:
2012 ACS 5-Year Estimates
2010 Census

2018 model inputs:

- Racial minority
- Ethnic minority
- Low-income
- National origin
- Limited English proficiency
- People with disabilities
- Older adults
- Youth
- Females

2018 Model Data Source:
2016 ACS 5-Year Estimates

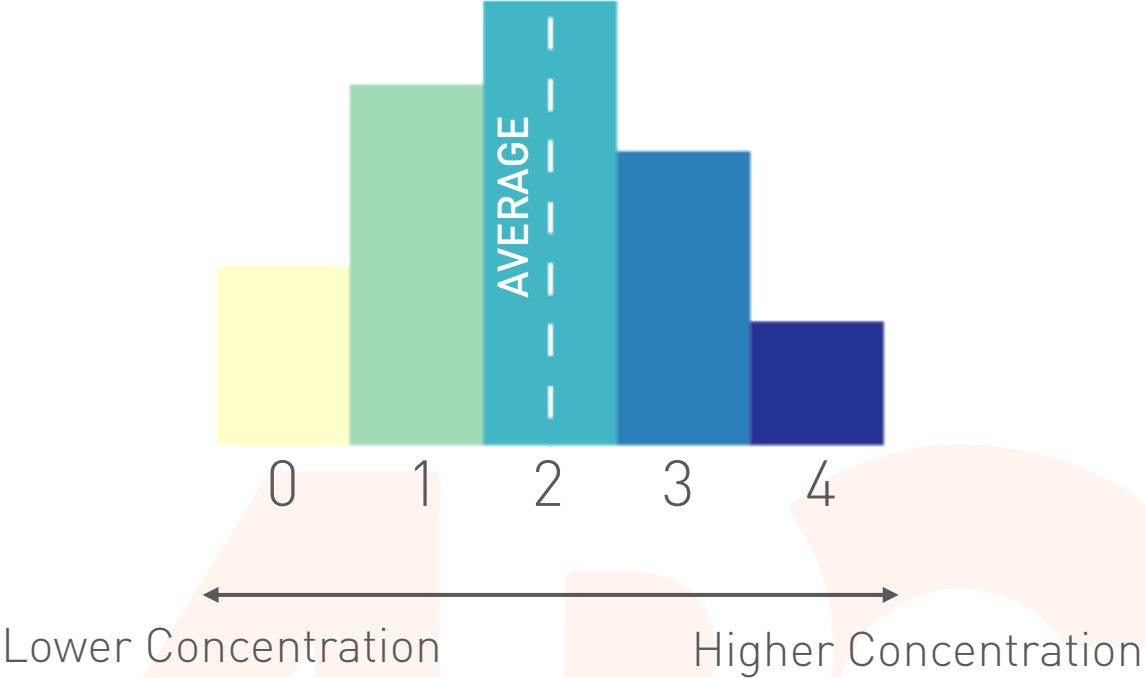
WHAT'S NEW?

2012 Scoring: Index

Poverty	Race/Ethnicity	ETA Index
1	1	Very High
	2	High
	3	
2	1	Medium
	2	
	3	
3	1	Non-ETA
	2	
	3	

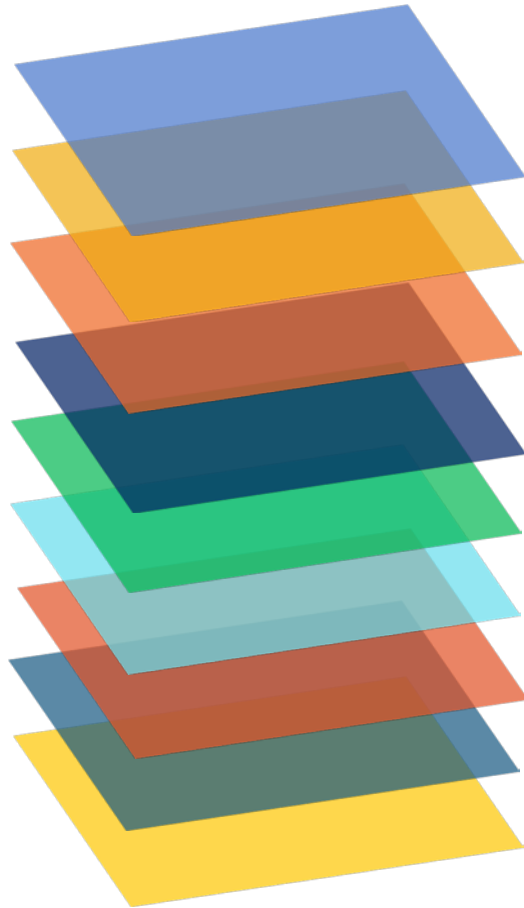
2018 Scoring: Standard Deviation

Per Input -



WHAT'S NEW?

Protected Classes Model



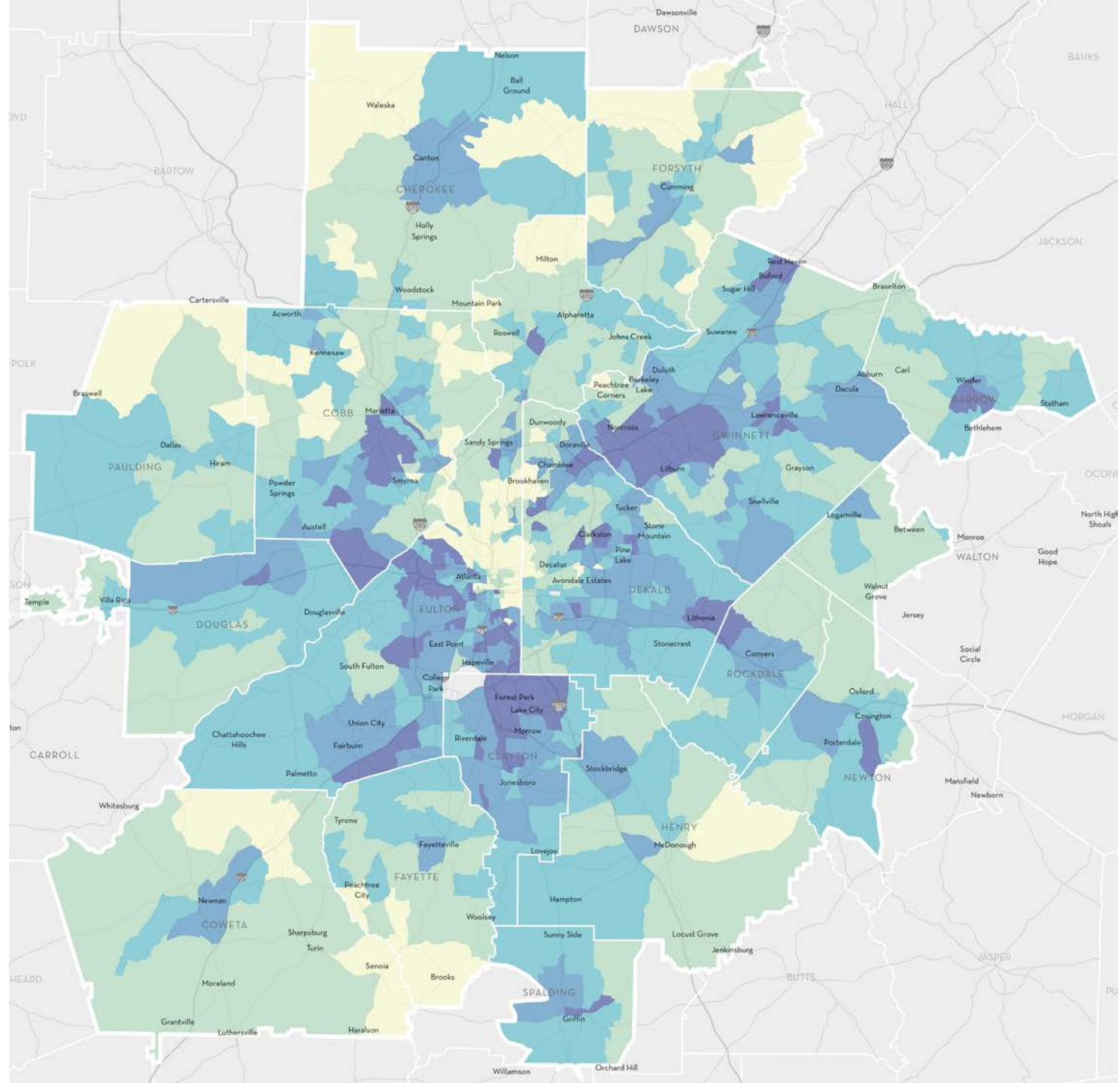
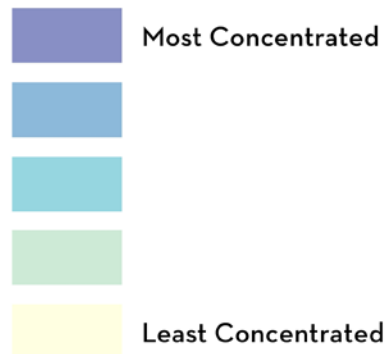
Racial minority
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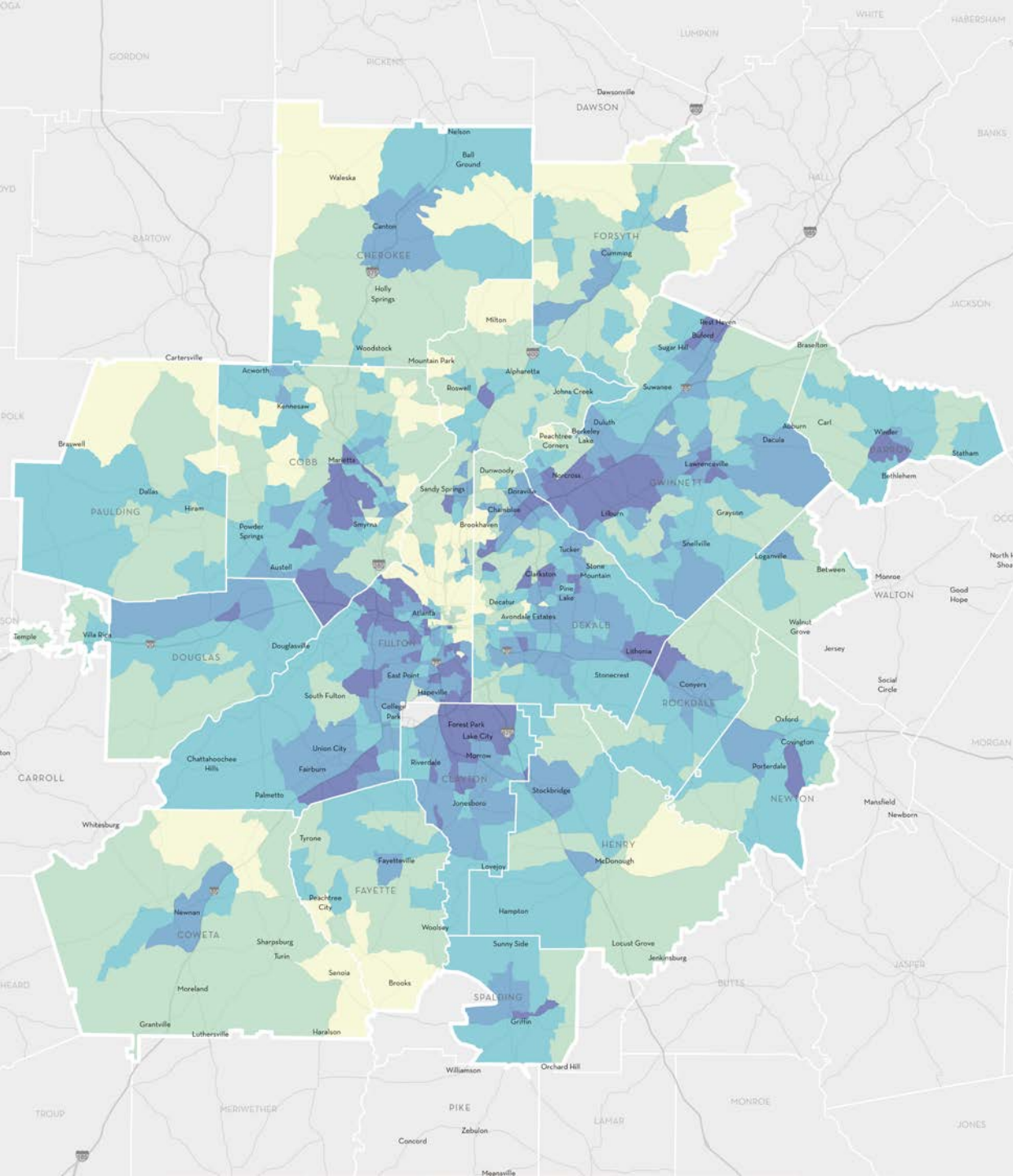
Maximum possible score per census tract: 36

Composite Results



REGIONAL RESULTS

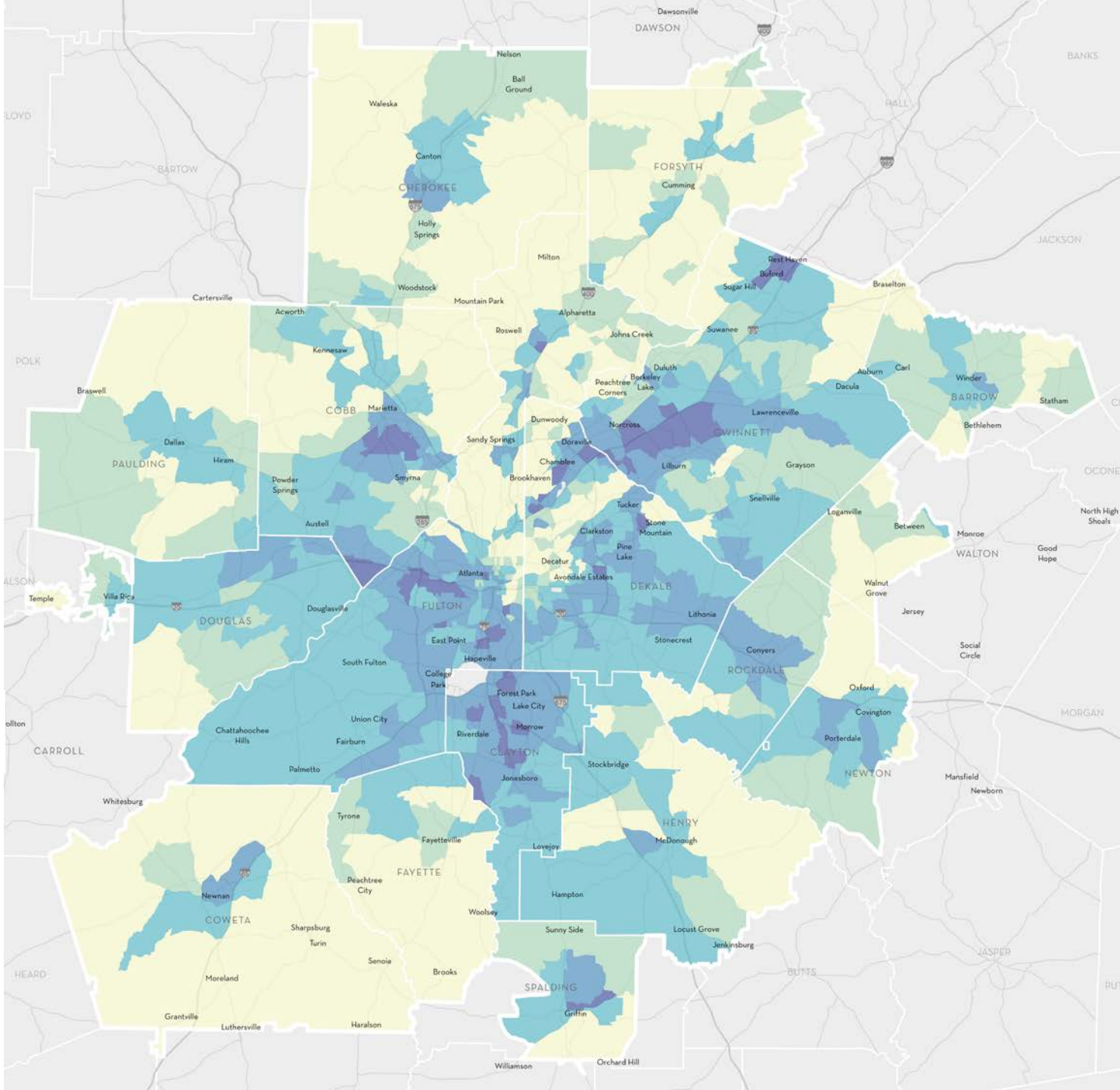
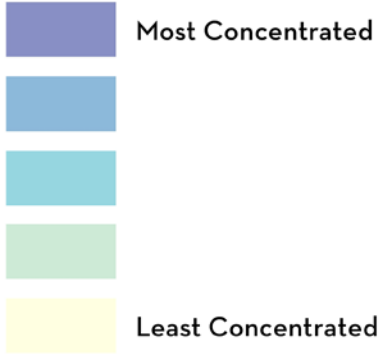




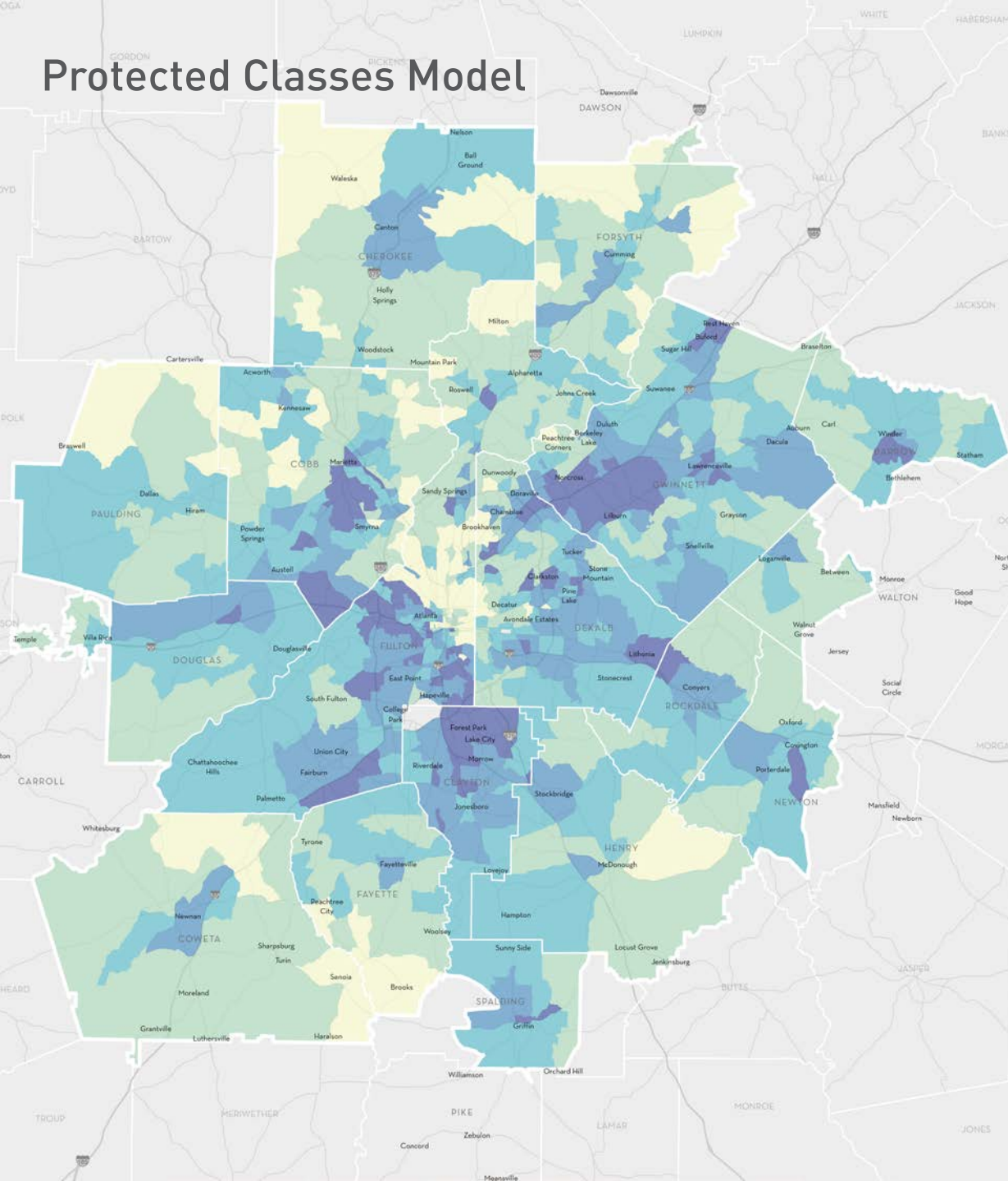
- The Protected Classes Model **result prompted discussions** between ARC staff and TEAG members
- There was **consensus among TEAG** that the nine model inputs are **valuable, useful, and meaningful** to ARC's work and their own work
- There was interest in **paring down the inputs** to those that are the greatest indicators of potential inequities – racial minority, ethnic minority, and low-income – to better **highlight regional disparities and score TIP projects accordingly**
>>> equity analysis <<

REGIONAL RESULTS

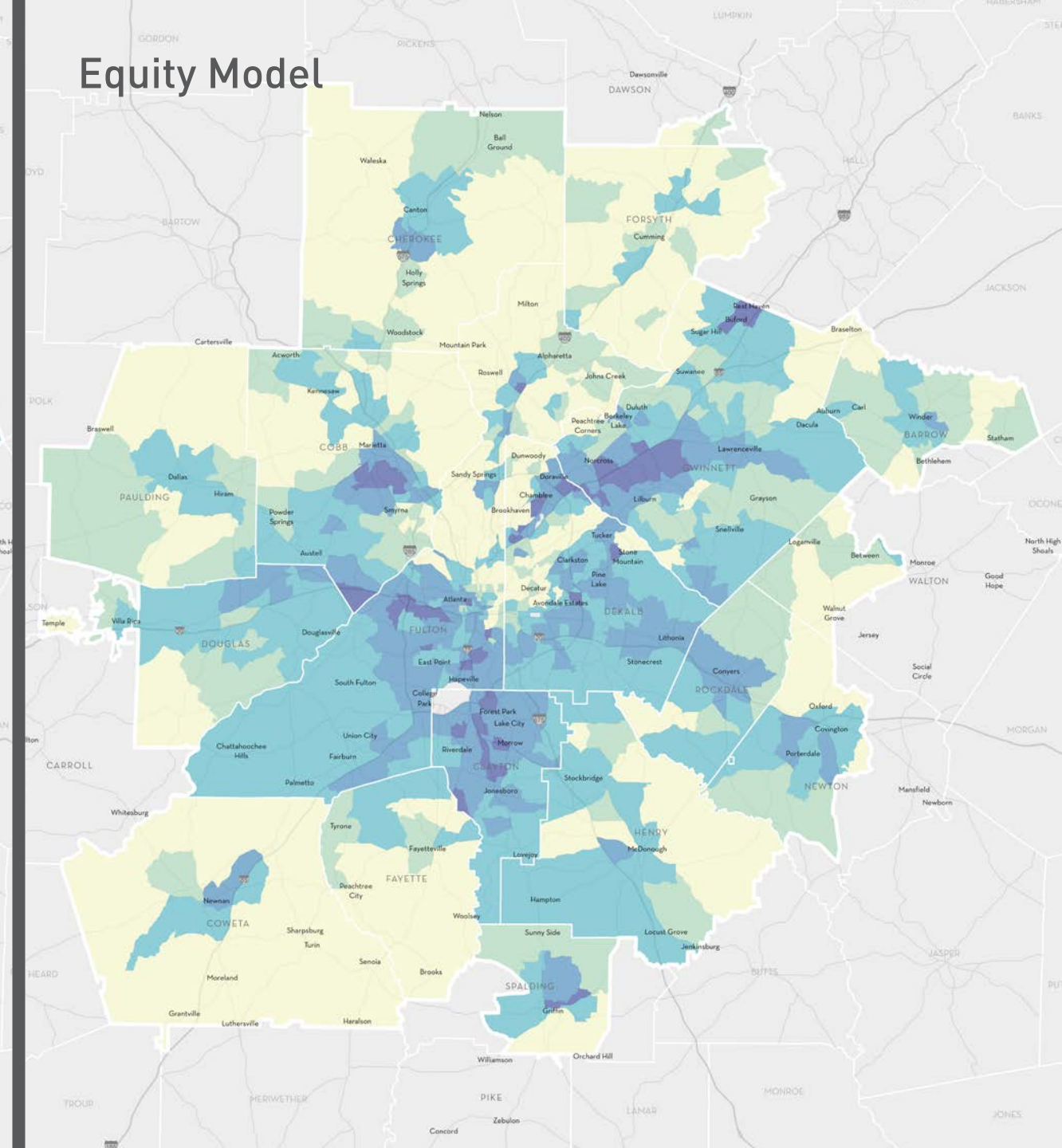
Concentration of
Equity Criteria



Protected Classes Model



Equity Model



Current Equity Score in TIP Framework:

Measure	Metric	Nature of Metric	Sponsor Provided	Score
Addressing Social Equity	Does project serve an ETA community?	Written; sponsor provides an assessment of how developing the project will support ETA areas.	Yes; with supplemental ARC assessment of ETA areas	0 or 100



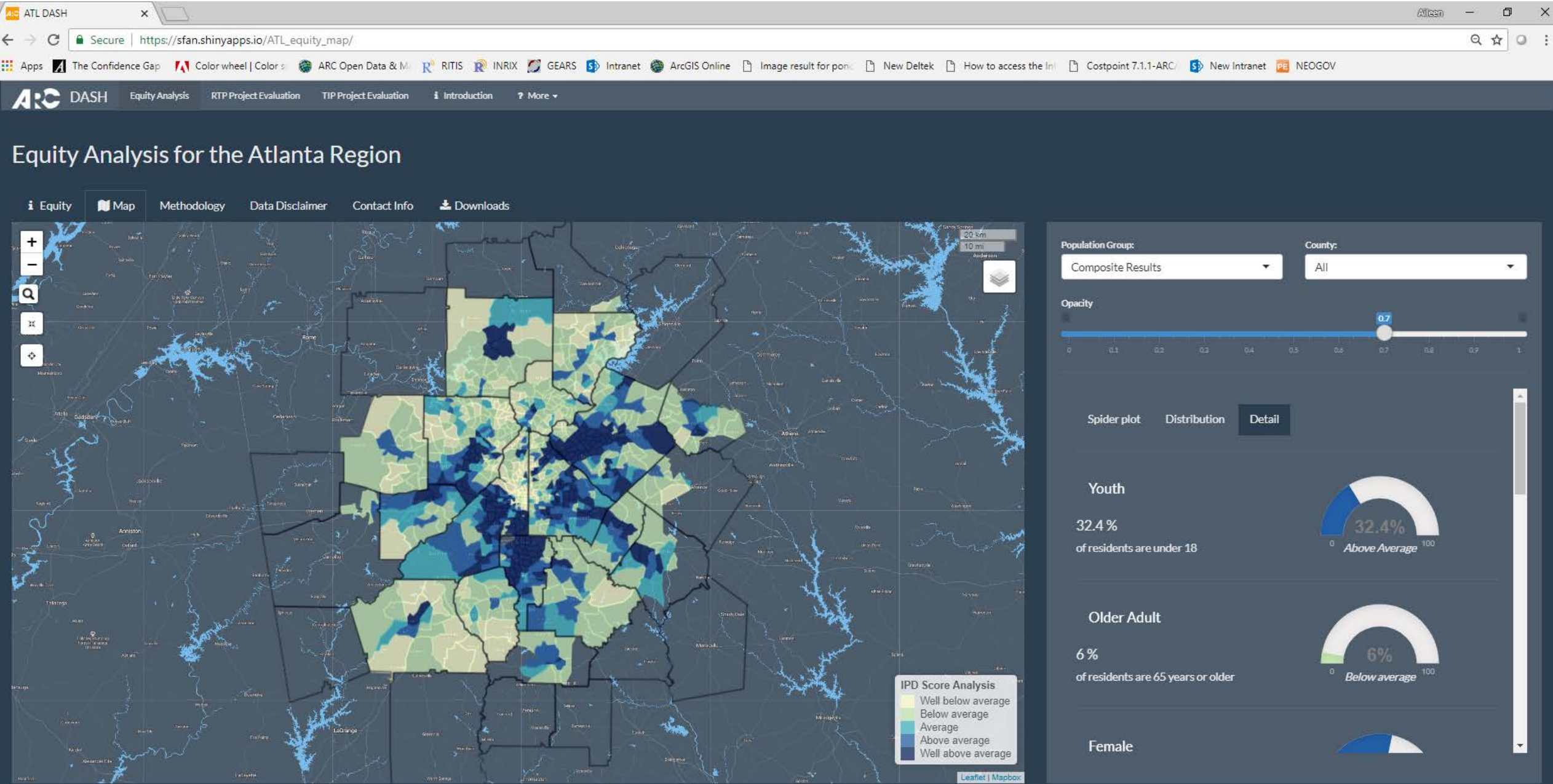
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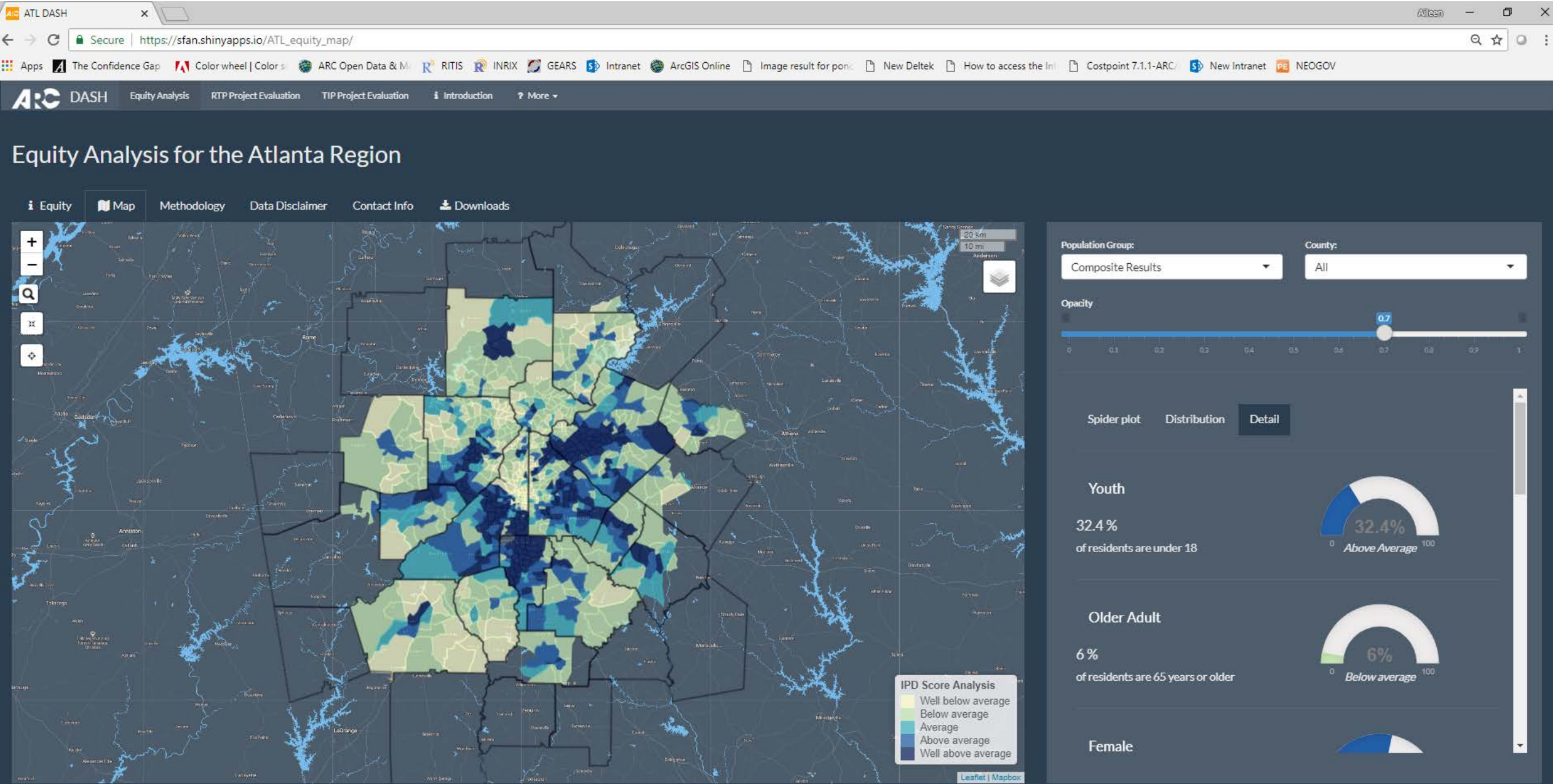
Proposed Equity Score:

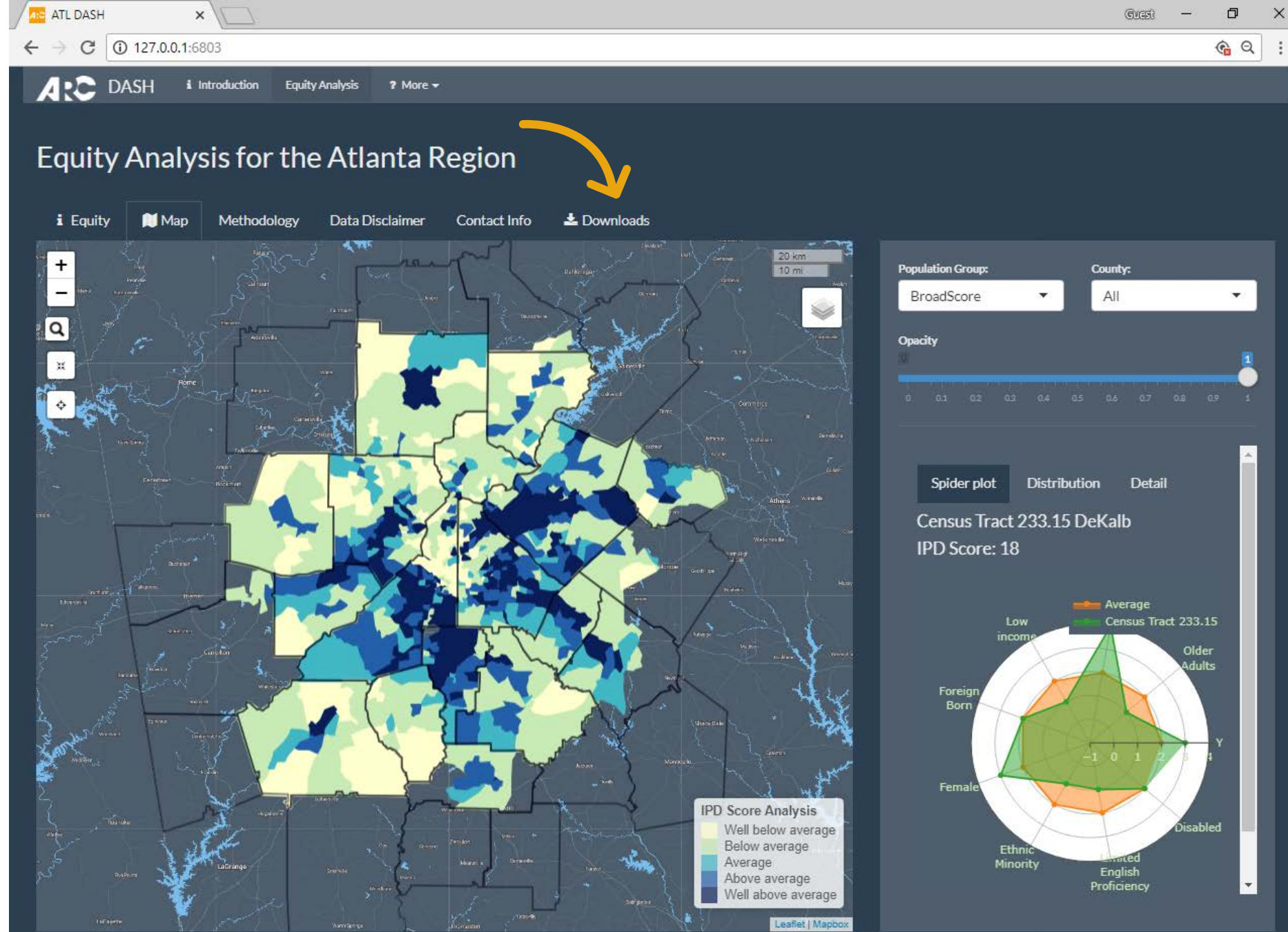
Score	
Highest	100
Medium-High	75
Medium-Low	50
Low	25
Not an Equity Area	0

MODEL + EVERYONE



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Questions?

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