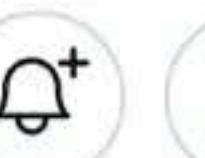




# Best of Nextdoor

11.6K Tweets



Following

## Best of Nextdoor

@bestofnextdoor

quality neighborhood drama 🍿 | chief lurker: [@jenntakahashi](#) 🕵️♀️ | 💬:  
tips@bestofnextdoor.com

⌚ not affiliated w/nextdoor obvi ⚡ [linktr.ee/bestofnextdoor](#)

📅 Joined October 2017

**6,250 Following    453.3K Followers**



Followed by Veronica Garrison, Forrest Hangen, and 64 others you follow

Tweets

Tweets & replies

Media

Likes

A

# Neighborhood Analysis



# Neighborhood Analysis



What is a  
Neighborhood?



# Who are you?

Where is home?

What do you do here?  
(degree / major, interests)

What was significant about a  
neighborhood you've lived in?

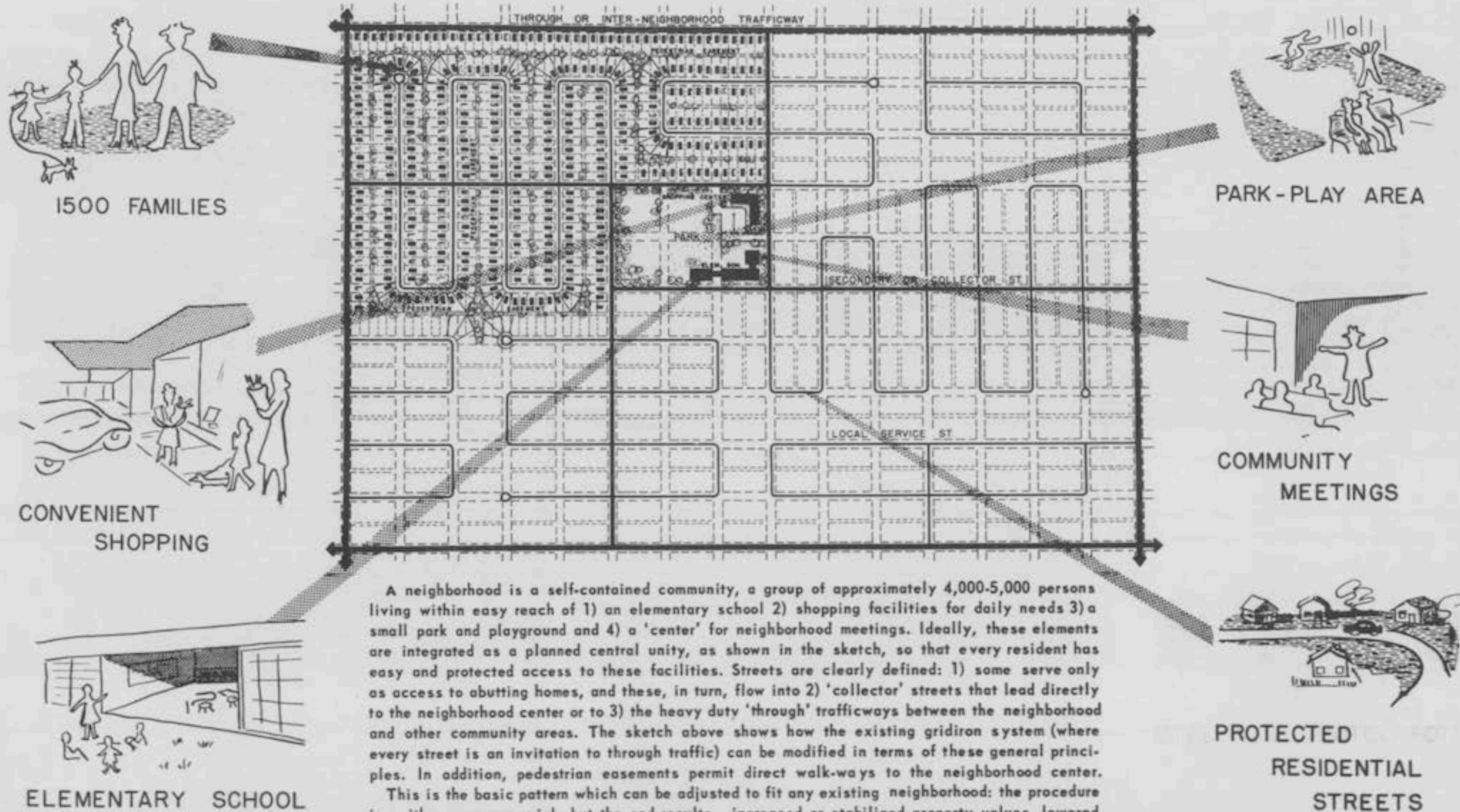
What do you hope to gain from  
our class?

Siddhesh K.  
Gaargi K.  
Cintia M.  
Jack M.  
Andrew M.  
Daniela M.  
Roya N.  
Prasad P.  
Apharna P.  
Jeremy R.

Anjali S.  
Apoorva S.  
Pranjali S.  
Srirang S.  
Emily T.  
Mia T.  
Sharanya V.  
Ruby V.  
David W.  
Ricardo Z.

# Planning Principles

THE FOLLOWING DIAGRAMS OF GENERAL PLANNING PRINCIPLES SHOW THE PATTERNS IN WHICH A COMMUNITY CAN ARRANGE - OR REARRANGE - PHYSICAL STRUCTURES AND FACILITIES TO MEET THE DEMANDS OF ECONOMICAL AND SATISFACTORY COMMUNITY LIVING. FUTURE CHANGES IN CHAMPAIGN-URBANA SHOULD BE GUIDED BY THESE GENERAL PRINCIPLES.



MORRISSEY  
PARK

PARK OPEN  
DAWN TO DUSK









Free  
Trees



APOSTOLIC CHRISTIAN CHURCH

SERVICES 9:45 11:45



101 GOLD  
DEVONSHIRE & MAYFAIR

1716

**B  
U  
S**



MISSING  
**\$100 REWARD**  
Maximus got out  
Friday, July 9.  
Large, friendly male  
neutered cat wearing  
royal blue collar  
with bow tie.  
719-2633 2501 Myers #7













AREA: PREFERABLY 160 ACRES, MIN. 40, MAX. 200 (P127)  
POPULATION: MIN. 400 DWELLINGS TO SUPPORT WALK-TO DESTINATIONS (P131)



NORTH

OPTIMIZED BLDG.  
ORIENTATION (P189)

COMMUNITY  
GARDENS,  
GREENHOUSES, &  
MARKETS (P181, 185)

DUAL-USE INFRASTRUCTURE  
10 MIN. WALK (P128)

DUAL-USE INFRASTRUCTURE

RIVER  
ORCHARD UPTAKES  
WASTEWATER  
NUTRIENTS

2-LANE  
STREETS  
CROSS MIN.  
EVERY  
1/6 MILE (P129)

HABITAT  
STREET  
LIGHTS DIM AT  
NIGHT (P172)

DIVERSE  
BLDG'S. &  
DWELLINGS  
(P136)

3 MINUTE,  
MAX. WALK  
TO PARK (P169)

STORMWATER  
BOULEVARDS  
(P178)

ONE  
SHARE-CAR/  
BLOCK (P167)

DISTRICT  
ENERGY  
PLANT  
(CHP) (P199)

MIXED-USE  
MAIN ST. W/  
3RD PLACE  
(P141,146)

TRANSIT  
STOP  
CORRIDOR (P114)  
DOWNTOWN  
TRANSIT  
STOP  
CORRIDOR (P114)

7'-0" CLEAR  
CRITTER  
UNDERPASS  
(P122)

© FARR ASSOCIATES

A SUSTAINABLE NEIGHBORHOOD (BUILDING BLOCKS OF A SUSTAINABLE CORRIDOR)

# How might we compare my neighborhood to other neighborhoods?

- What *questions* guide your comparison?
- What *indicators* do you propose using?
- How would you *quantify difference*?
- How would you *interpret* what you saw?



What makes a neighborhood  
**good or bad?**

# Are APA Great Places biased?



# Gentrification

## What is it?



# Gentrification

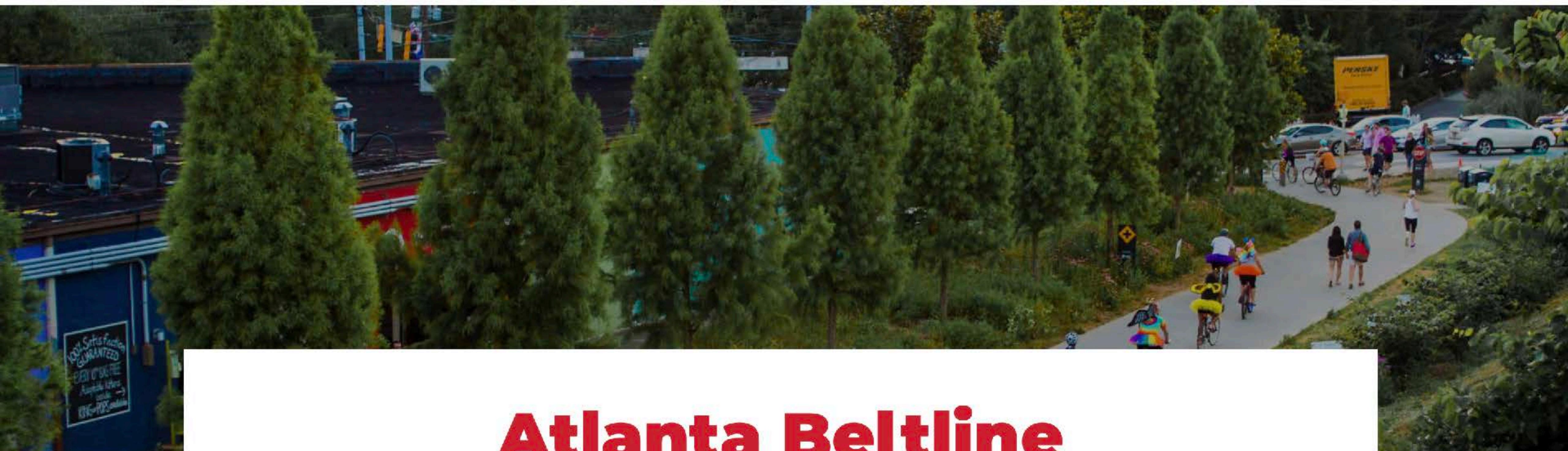
## What is it?

How should we  
measure it?



[MEETING PLANNERS](#)[TRAVEL PROS](#)[NEWSROOM](#)[PARTNERS](#)[DISCOVER ATLANTA](#)[THINGS TO DO](#)[EVENTS](#)[PLAN YOUR VISIT](#)

SEARCH



# Atlanta Beltline

## Bike, walk, run, or dine on the Atlanta Beltline

The Atlanta BeltLine is Atlanta's newest outdoor space and is comprised of 22 miles of unused railroad tracks circling the core of the city's in-town neighborhoods. From trails and walkways to open green space and parks, the Atlanta BeltLine works to connect people throughout the city.

LIKE THIS ARTICLE





# Atlanta Beltline

## Bike, walk, run, or dine on the Atlanta Beltline

LIKE THIS ARTICLE



The Atlanta BeltLine is Atlanta's newest outdoor space and is comprised of 22 miles of unused railroad tracks circling the core of the city's in-town neighborhoods. From trails and walkways to open green space and parks, the Atlanta BeltLine works to connect people throughout the city.

Thousands of visitors flock to the Atlanta BeltLine each week as a way to get exercise, explore Atlanta's neighborhoods and spend time with friends. A world-class amenity similar to New York City's High Line, the Atlanta BeltLine is also home to Art on the BeltLine, the Southeast's largest temporary public art project. Make a day of your BeltLine exploration by relaxing in Historic Fourth Ward Park or by grabbing a drink and lunch at one of the many restaurants situated along the BeltLine.

## Reasons to visit the Atlanta Beltline

1. The Atlanta BeltLine is extremely pet friendly! Bring your four-legged fur baby along while you explore Atlanta's in-town neighborhoods on the BeltLine. Fido will appreciate the exercise and you'll love the company of your companion.
2. The Southeast's largest temporary public art project is all around you. Check out Art on the BeltLine as the public installations help to reclaim the 22 miles of unused rail.

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2. The Southeast's largest temporary public art project is all around you. Check out Art on the BeltLine as the public installations help to reclaim the 22 miles of unused rail.
3. Because you're hungry. That's right, hungry. Some of Atlanta's favorite restaurants are situated right on the Atlanta BeltLine and have walk-up patios so you can enjoy the view while noshing on great food and drinks. Grab brunch at TWO Urban Licks or a latte at Ponce City Market's Dancing Goats Coffee.
4. There's a skate park. For the young and the young at heart, the Historic Fourth Ward Skate Park is located right on the Atlanta BeltLine. The first public skate park in Atlanta, the facility offers something for riders of all skill levels.
5. The BeltLine slogan is "Where Atlanta Comes Together," and that couldn't be any more true. Atlanta's Southern hospitality shines as strangers become friends exploring the city together.

[VISIT THE ATLANTA  
BELTLINE WEBSITE](#)

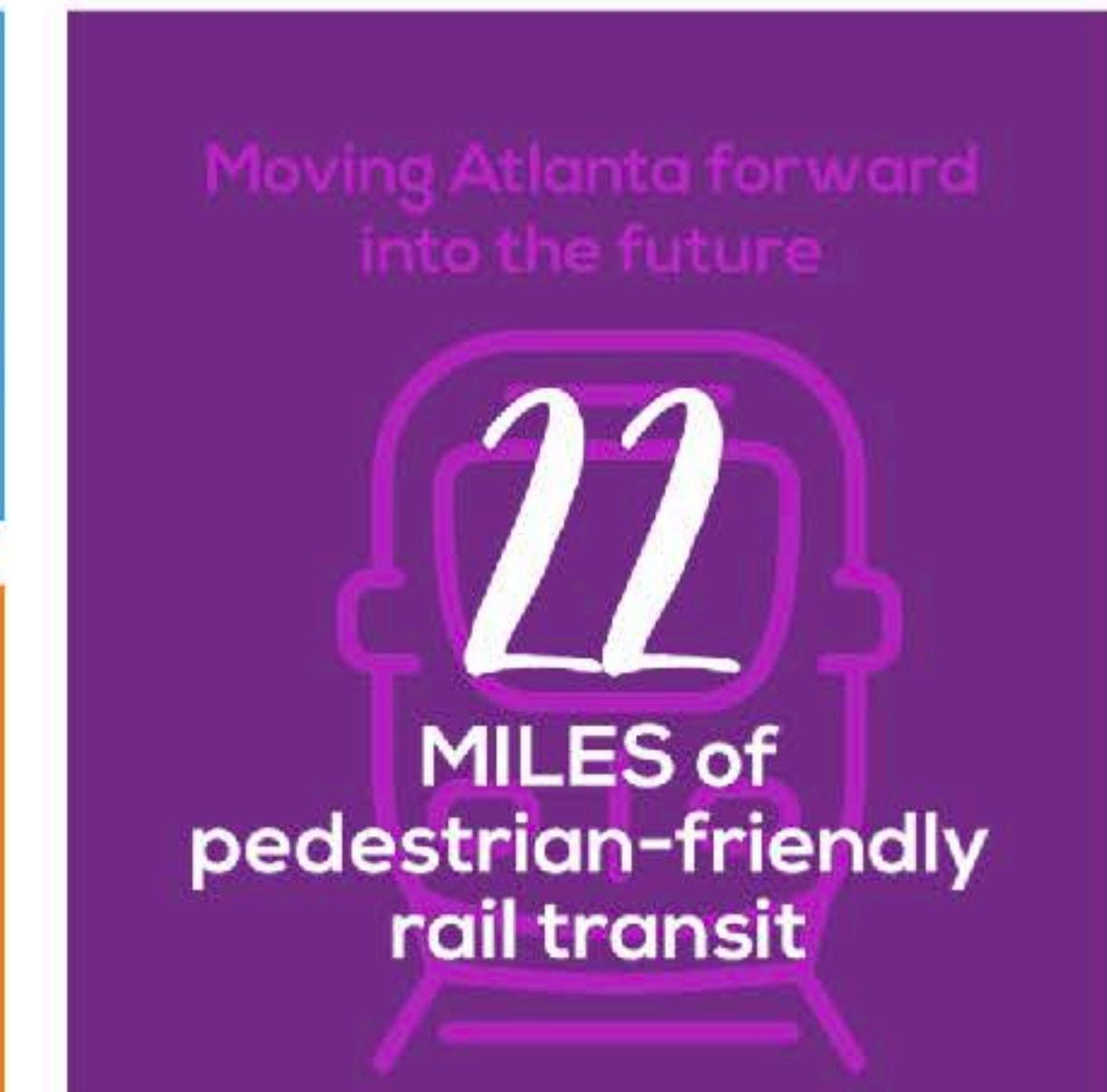
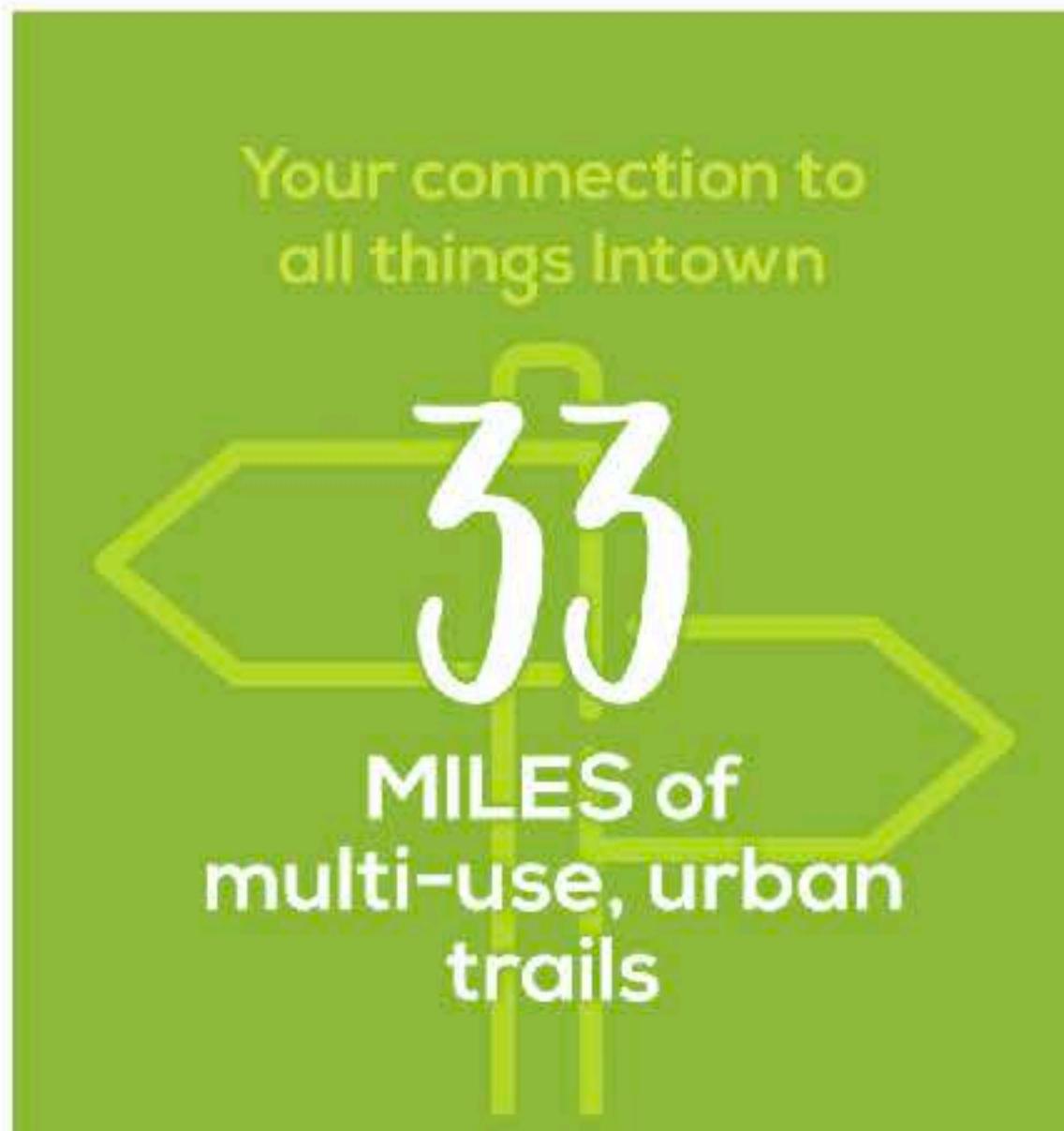
LIKE THIS  
ARTICLE

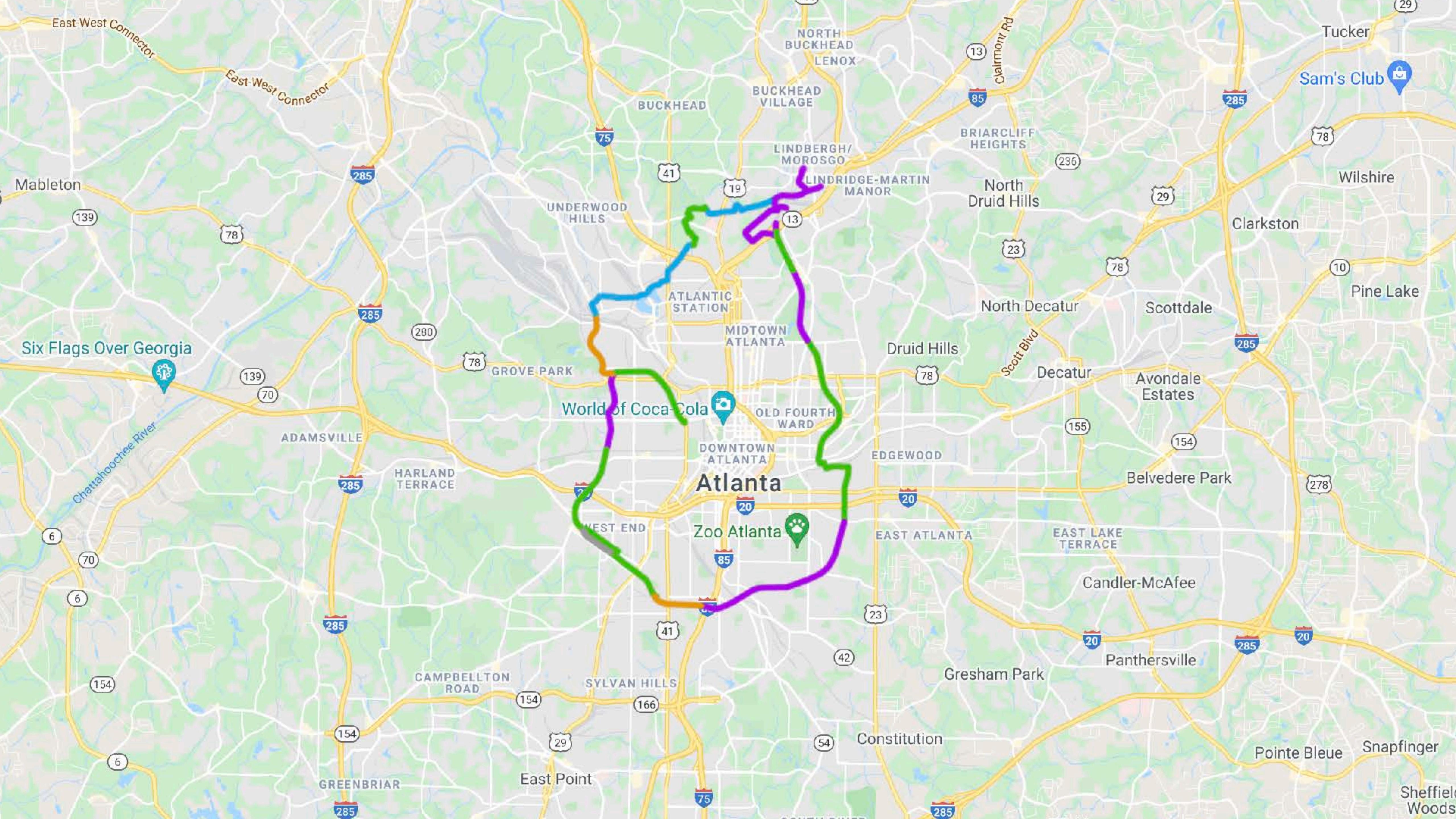


# Wherever You Want to Go, ATLANTA BELTLINE TAKES YOU THERE



As one of the largest, most wide-ranging urban redevelopment programs in the United States, the Atlanta BeltLine is the catalyst for making Atlanta a global beacon for equitable, inclusive, and sustainable city life.





# **Displacement Risk Index: A GIS-Based Assessment of Residential Displacement in Atlanta**

Patrice C. Williams, PhD, MPH <sup>1,2</sup>

April Jackson, PhD <sup>1</sup>

Andrew J. Greenlee, PhD <sup>3</sup>

Chandra L. Jackson, PhD, MS <sup>2,4</sup>

Christopher Coutts, PhD, MPH <sup>1</sup>

<sup>1</sup> Department of Urban & Regional Planning, Florida State University, Tallahassee, FL, USA

<sup>2</sup> Epidemiology Branch, National Institute of Environmental Health Sciences, National Institute of Health, Department of Health and Human Services, Research Triangle Park, NC, USA

<sup>3</sup> Department of Urban & Regional Planning, University of Illinois Urbana-Champaign, Champaign, IL, USA

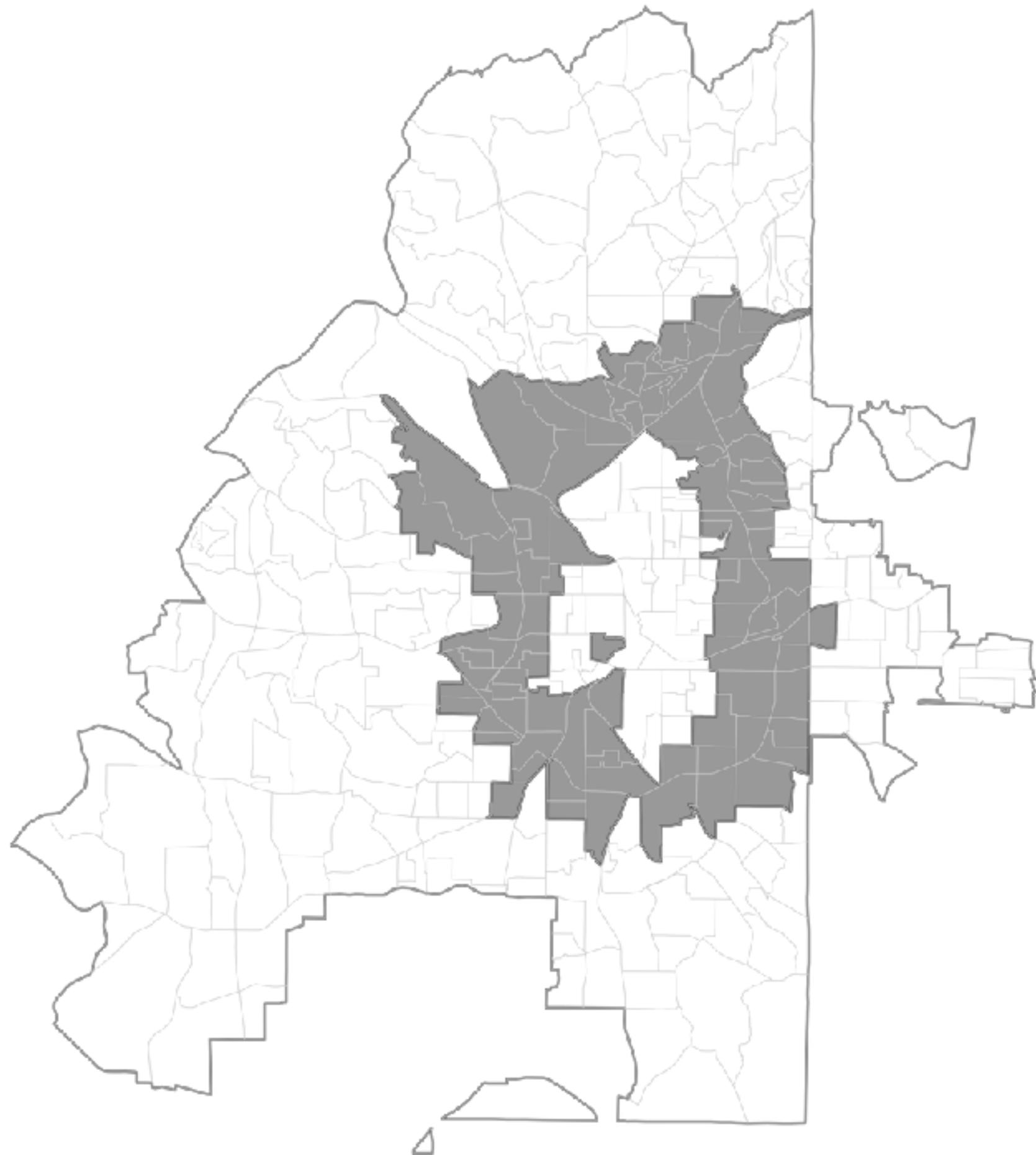
<sup>4</sup> Intramural Program, National Institute on Minority Health and Health Disparities, National Institutes of Health, Department of Health and Human Services, Bethesda, MD, USA

# Defining Critical Geographies

Atlanta  
BeltLine

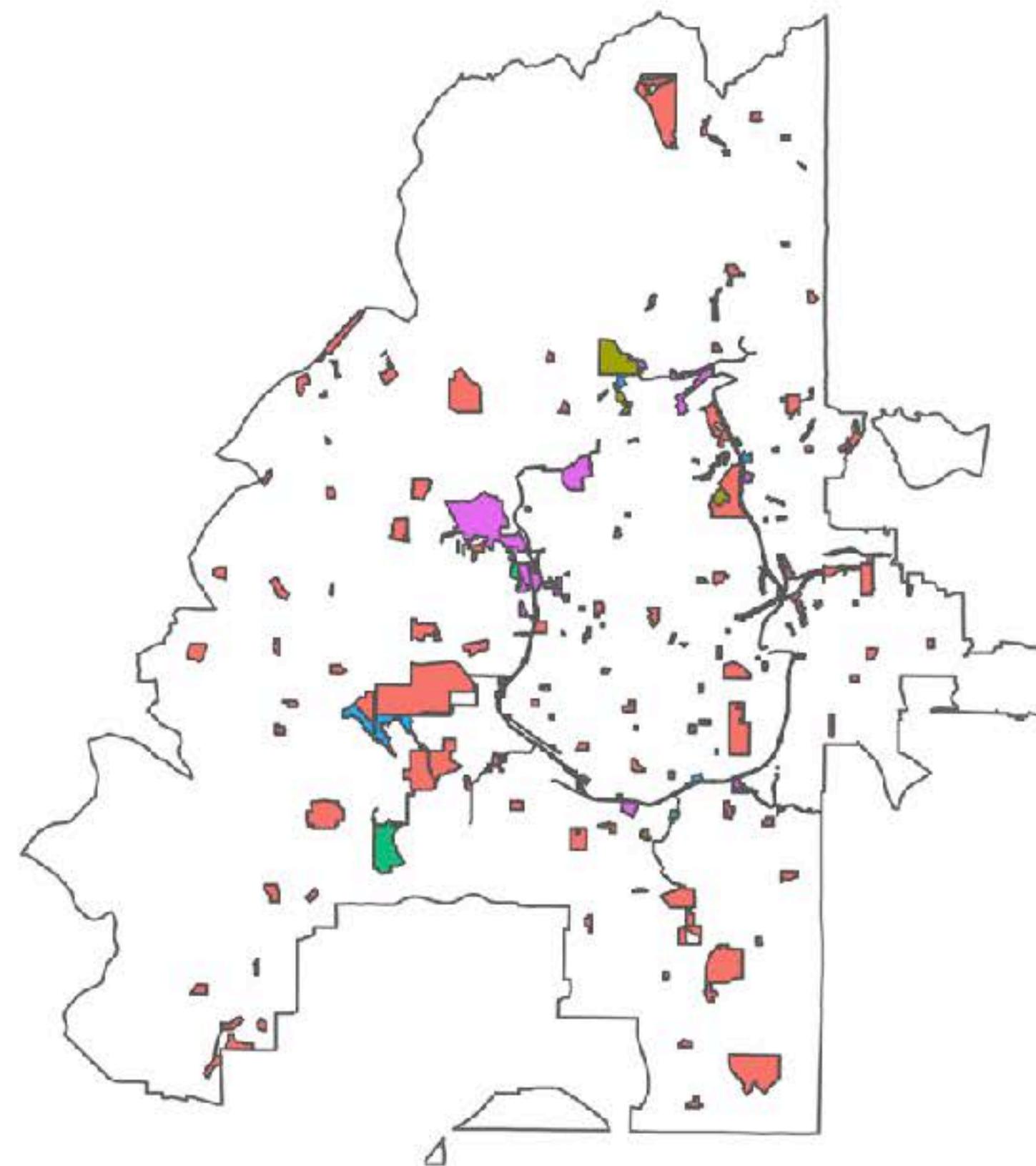


BeltLine  
Block Groups

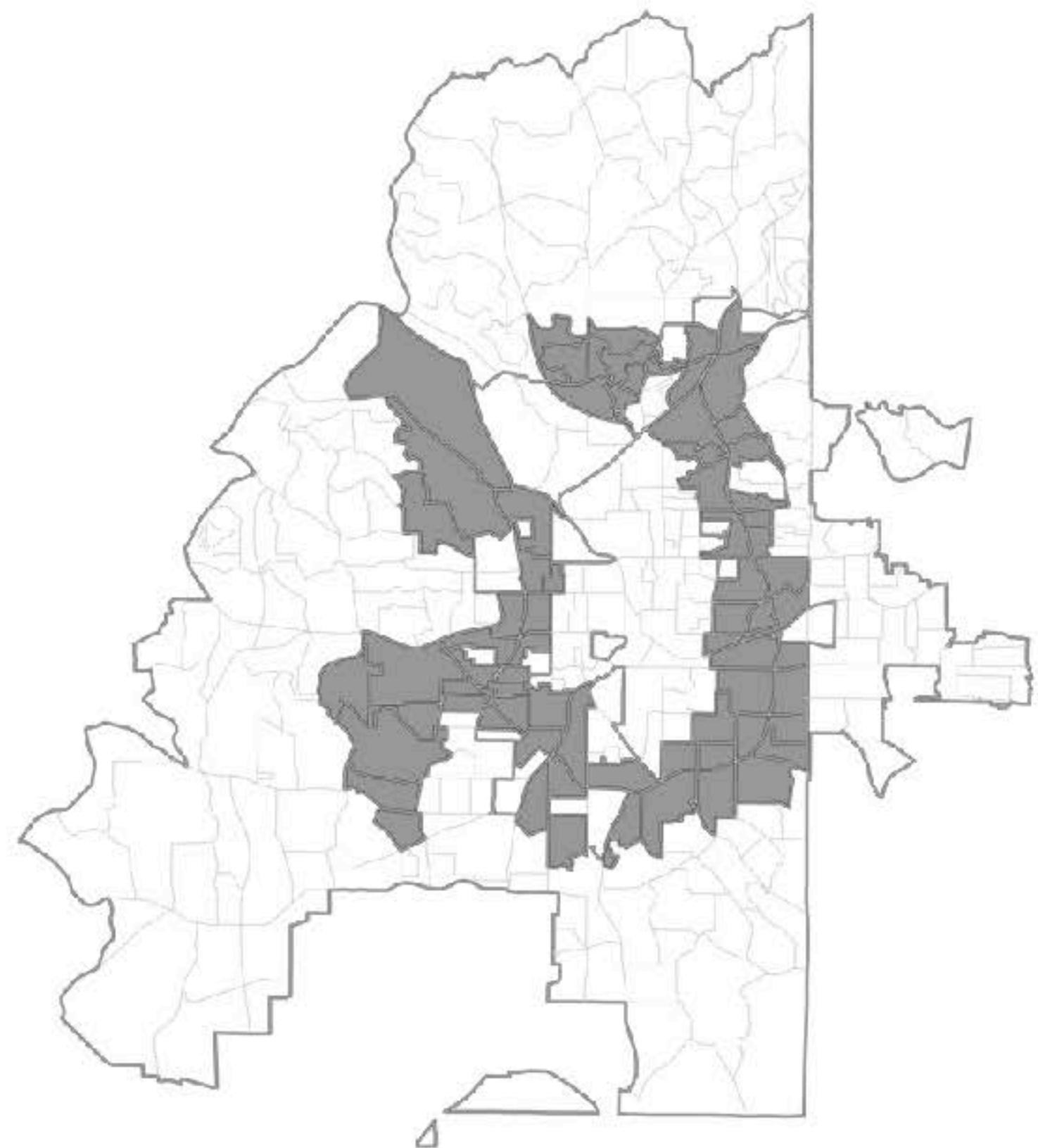


# Defining Critical Geographies

Atlanta Green Infrastructure



BeltLine Green Infrastructure



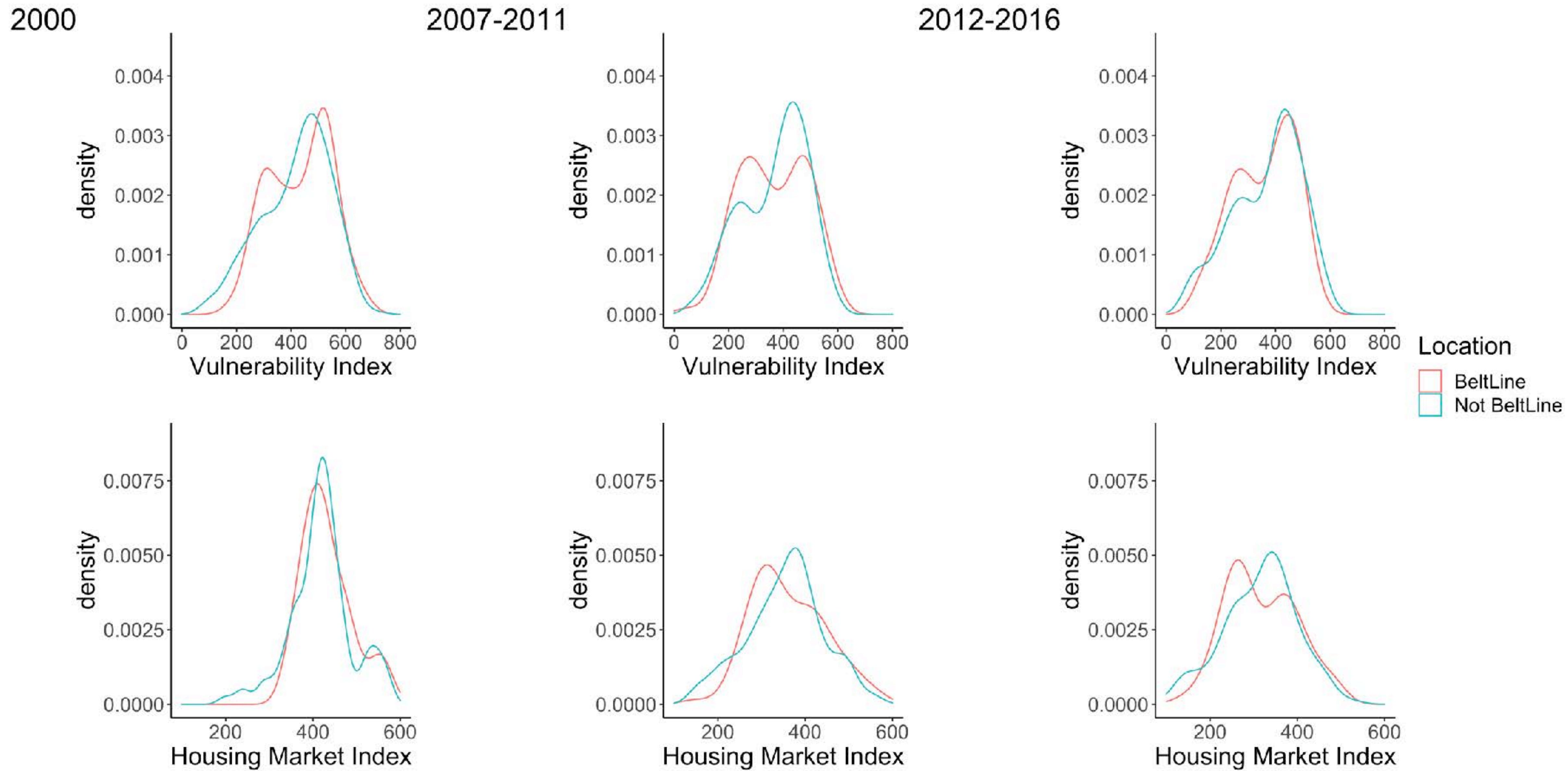
Project Type

- Existing
- Improvements - Completed
- Improvements - Planned
- New - Completed
- New - Planned

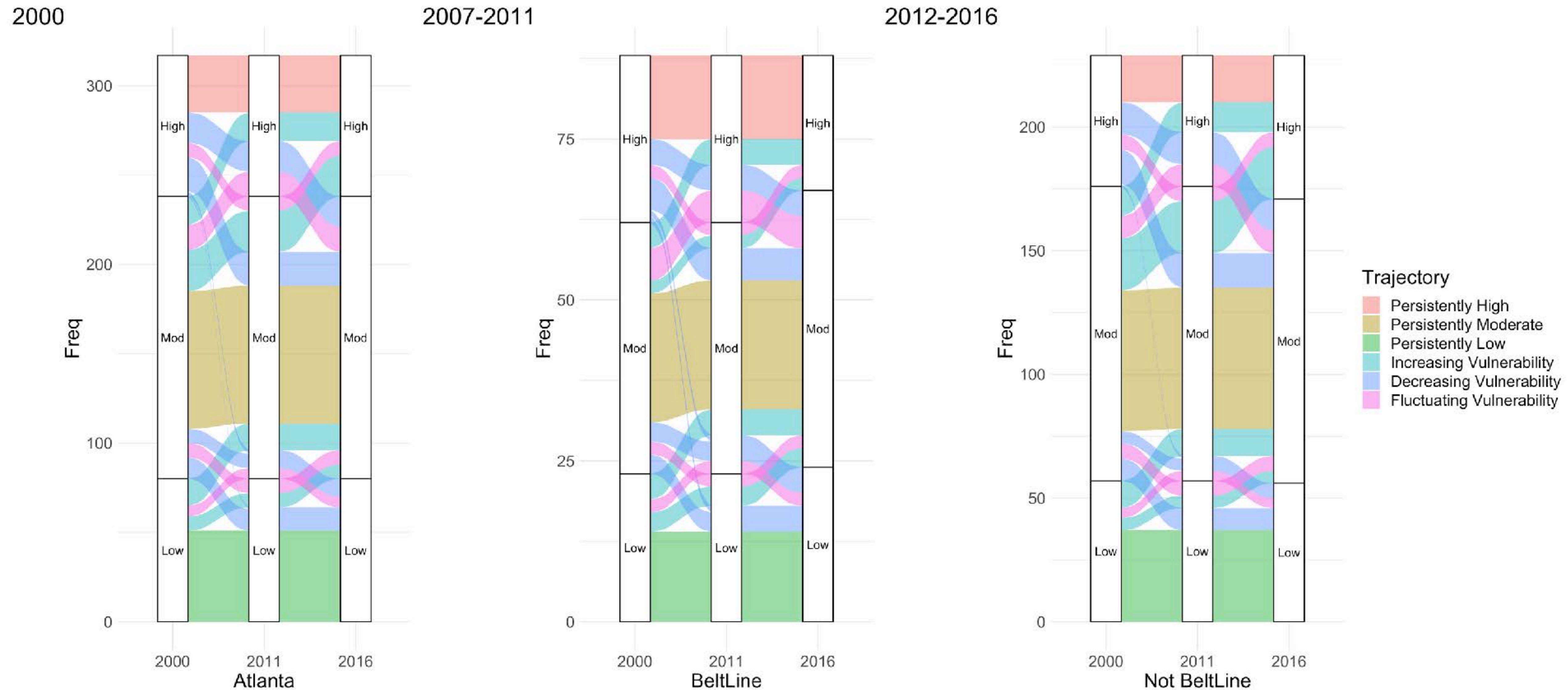
# Census Tract Descriptives

Vulnerability Index	Atlanta Block Groups					Beltline Black Groups					Not Beltline Black Groups					
	Indicator	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12)	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12)	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12-16)
Black (%)		58.19%	55.10%	53.45%	-3.08%	-1.65%	56.71%	52.47%	49.96%	-4.24%	-2.51%	58.75%	56.11%	54.79%	-2.64%	-1.32%
Latino (%)		3.91%	4.39%	4.26%	0.48%	-0.13%	4.41%	4.60%	4.12%	0.19%	-0.48%	3.73%	4.31%	4.32%	0.59%	0.00%
AIAN (%)		0.18%	0.18%	0.13%	0.00%	-0.04%	0.20%	0.23%	0.21%	0.03%	-0.03%	0.18%	0.16%	0.11%	-0.02%	-0.05%
Asian (%)		1.85%	2.71%	3.17%	0.86%	0.46%	1.61%	2.46%	2.88%	0.86%	0.41%	1.94%	2.81%	3.28%	0.87%	0.47%
NHPI (%)		0.03%	0.01%	0.02%	-0.01%	0.01%	0.05%	0.01%	0.01%	-0.04%	0.00%	0.02%	0.01%	0.03%	0.00%	0.02%
Elderly (%)		10.56%	10.72%	12.23%	0.16%	1.51%	8.88%	8.58%	9.91%	-0.30%	1.33%	11.21%	11.54%	13.13%	0.33%	1.59%
Single (%)		29.99%	22.35%	20.54%	-7.64%	-1.81%	31.95%	20.34%	18.69%	-11.62%	-1.64%	29.23%	23.13%	21.25%	-6.11%	-1.88%
Limited English (%)		4.48%	3.13%	2.42%	-1.35%	-0.72%	5.01%	3.02%	2.12%	-1.99%	-0.90%	4.28%	3.18%	2.53%	-1.10%	-0.65%
High School Degree or Less (%)		46.12%	36.86%	31.58%	-9.26%	-5.28%	47.43%	34.99%	29.44%	-12.44%	-5.55%	45.62%	37.59%	32.40%	-8.03%	-5.19%
Renters (%)		54.54%	51.29%	54.28%	-3.26%	2.99%	59.51%	55.50%	58.48%	-4.01%	2.98%	52.64%	49.67%	52.67%	-2.96%	2.99%
Cost Burden – Renters (%)		19.35%	21.23%	21.78%	1.88%	0.55%	19.97%	21.50%	21.25%	1.54%	-0.25%	19.12%	21.13%	21.99%	2.01%	0.85%
Cost Burden – Owners (%)		15.79%	21.04%	15.09%	5.25%	-5.95%	17.37%	22.17%	14.91%	4.80%	-7.26%	15.19%	20.61%	15.16%	5.42%	-5.45%
Severe Cost Burden – Renters (%)		20.29%	28.78%	25.89%	8.49%	-2.89%	19.86%	29.53%	26.32%	9.67%	-3.21%	20.46%	28.49%	25.73%	8.03%	-2.77%
Severe Cost Burden – Owners (%)		13.53%	17.40%	13.39%	3.87%	-4.01%	13.96%	15.66%	12.43%	1.70%	-3.22%	13.37%	18.07%	13.76%	4.70%	-4.31%
Poverty Rate (%)		22.73%	22.55%	20.66%	-0.18%	-1.89%	23.04%	22.73%	19.42%	-0.31%	-3.30%	22.61%	22.48%	21.13%	-0.13%	-1.35%
Housing Market Index																
Indicator	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12)	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12)	2000	2007-2011	2012-2016	Change	00 - (Change 7-11 - 12-16)	
Change in Subsidized Units (%)		5.5%	0.9%	-0.1%	-4.56%	-0.99%	2.69%	0.40%	0.00%	-2.29%	-0.40%	6.53%	1.10%	-0.12%	-5.43%	-1.22%
Expiring Subsidized Units (%)		0.1%	1.6%	0.9%	1.49%	-0.62%	0.06%	1.69%	2.86%	1.64%	1.16%	0.09%	1.52%	0.21%	1.43%	-1.30%
Median Home Value (2016\$)		\$251,151	\$286,601	\$268,769	\$35,449.90	-\$17,831.60	\$249,409	\$284,816	\$272,626	\$35,407.20	-\$12,190.20	\$251,820	\$287,287	\$267,287	\$35,466.40	-\$19,999.50
Median Gross Rent (2016\$)		\$929	\$1,036	\$1,029	\$107.02	-\$6.86	\$904	\$1,048	\$1,044	\$143.51	-\$3.76	\$938	\$1,031	\$1,023	\$92.99	-\$8.05
Crime Rate (per capita)		11.49%	10.02%	8.60%	-1.47%	-1.42%	12.53%	12.79%	9.48%	0.26%	-3.31%	11.09%	8.96%	8.27%	-2.13%	-0.69%
Residential Eviction Rate (%)		4.25%	6.78%	4.72%	2.53%	-2.06%	4.23%	6.15%	4.10%	1.92%	-2.05%	4.26%	7.03%	4.96%	2.76%	-2.07%
Eviction Filing Rate (%)		14.28%	22.06%	18.32%	7.78%	-3.74%	14.41%	19.24%	16.06%	4.83%	-3.18%	14.23%	23.14%	19.18%	8.92%	-3.96%
Free and Reduced Lunch (%)		75.66%	73.79%	74.22%	-1.87%	0.44%	77.15%	75.69%	78.19%	-1.46%	2.50%	75.09%	73.06%	72.70%	-2.03%	-0.36%
Residential Vacancy (%)		9.37%	21.37%	18.92%	12.00%	-2.44%	11.45%	23.87%	21.04%	12.41%	-2.83%	8.57%	20.41%	18.11%	11.84%	-2.30%
Low Income Next to High Income (%)		12.97%	13.92%	11.39%	0.95%	-2.53%	11.36%	13.64%	11.36%	2.27%	-2.27%	13.59%	14.03%	11.40%	0.44%	-2.63%
Median Household Income (2016\$)		\$59,756	\$59,494	\$61,964	-\$263	\$2,471	\$51,256	\$56,236	\$59,161	\$4,980	\$2,926	\$63,023	\$60,745	\$63,041	-\$2,278	\$2,296

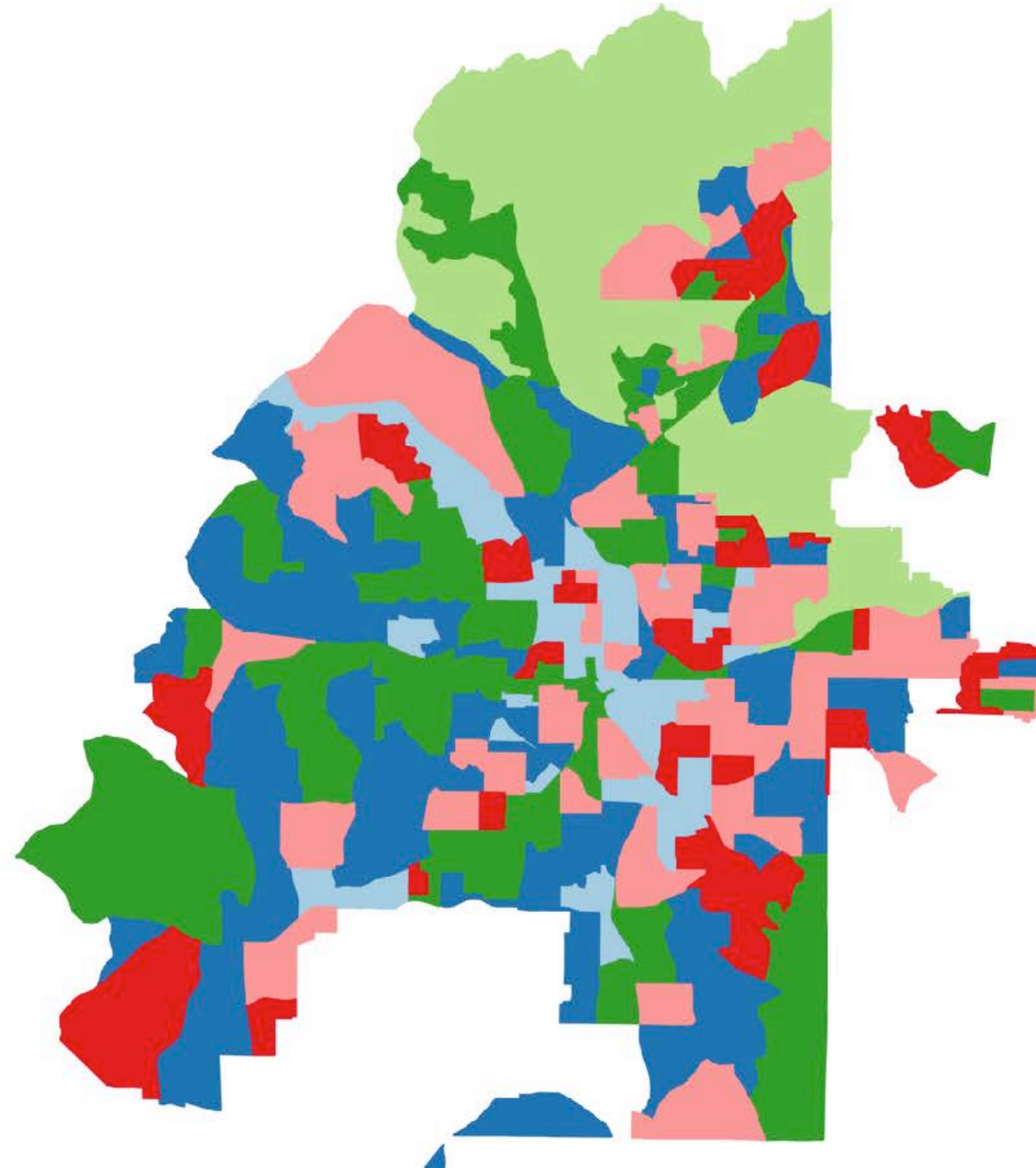
# Comparing Indicator Distributions



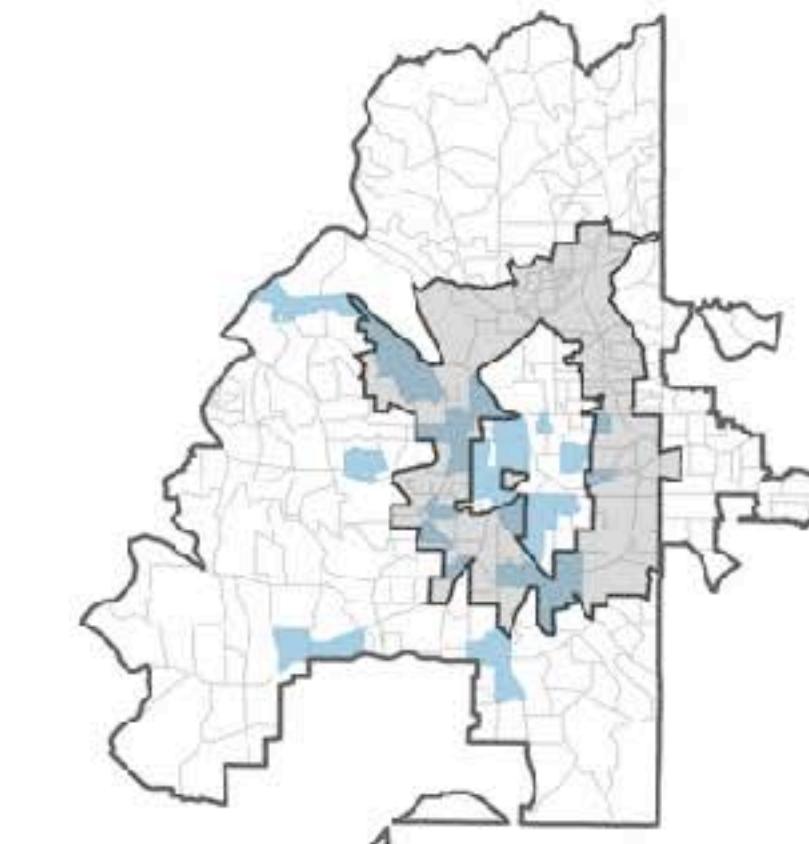
# Examining Change Over Time



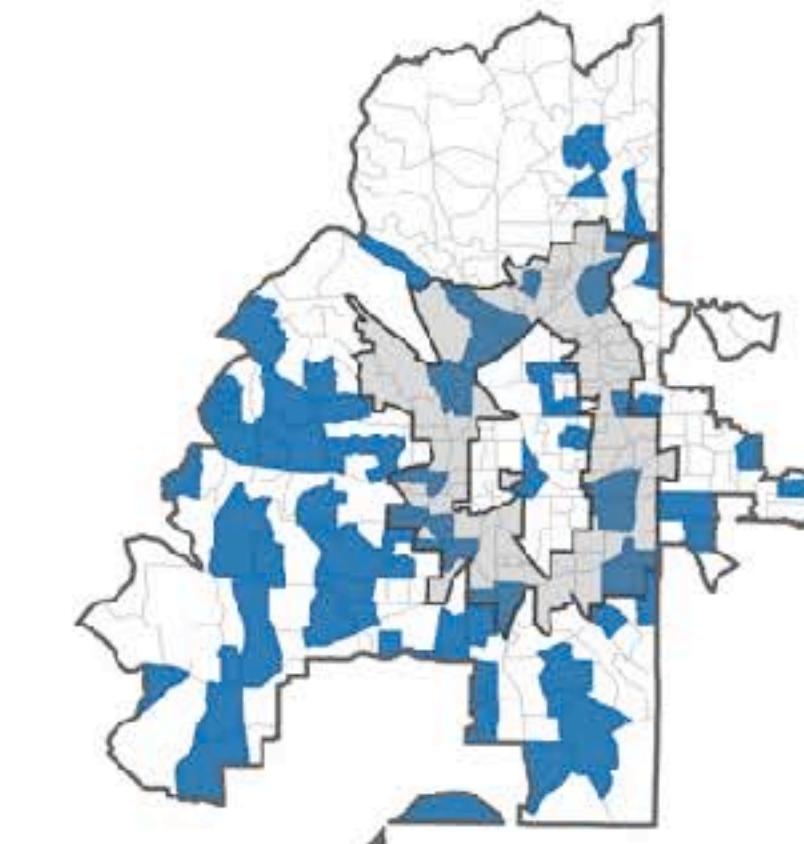
# Characterizing Vulnerability Trajectories



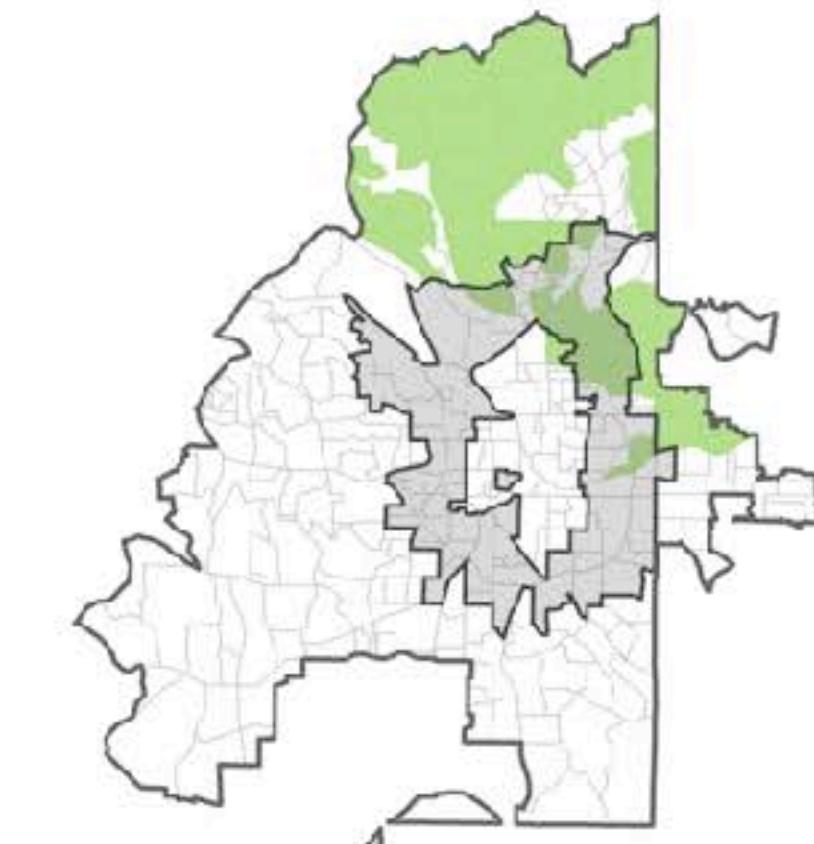
Per. High



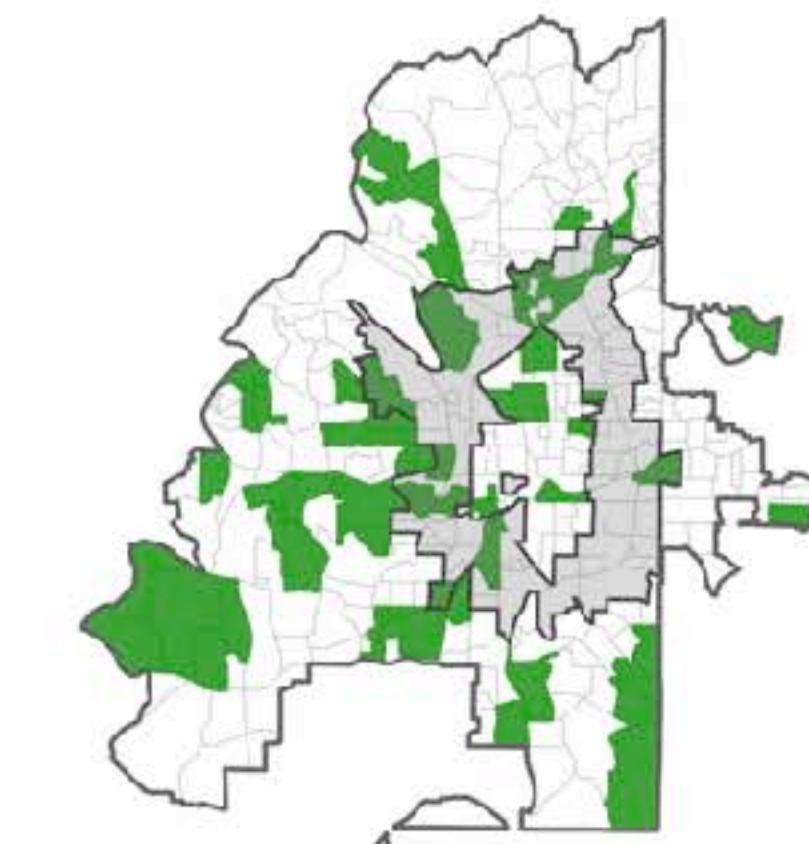
Per. Moderate



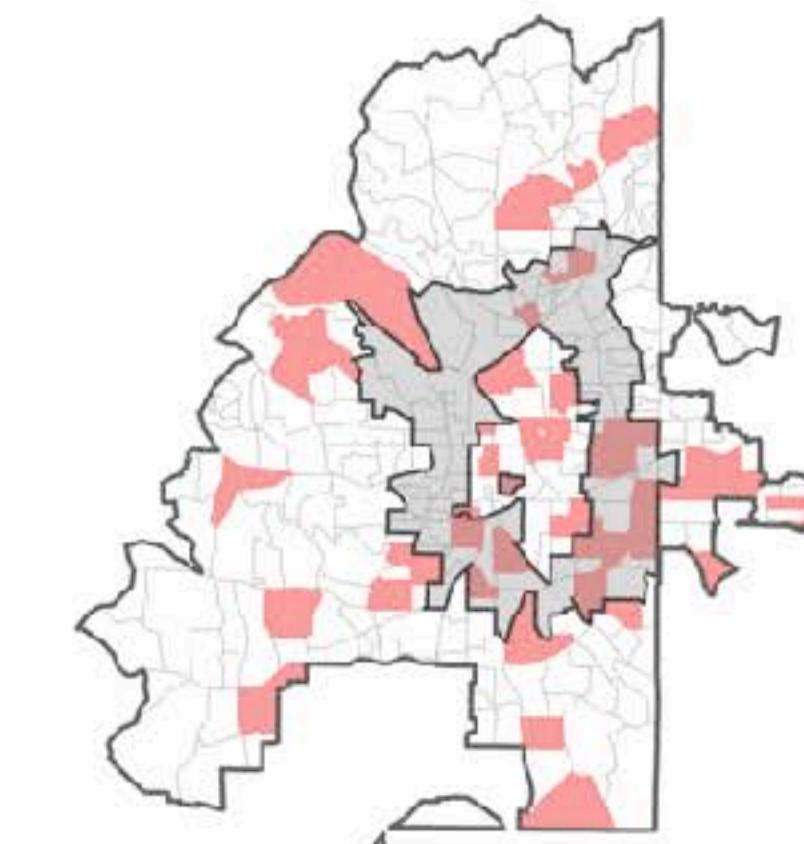
Per. Low



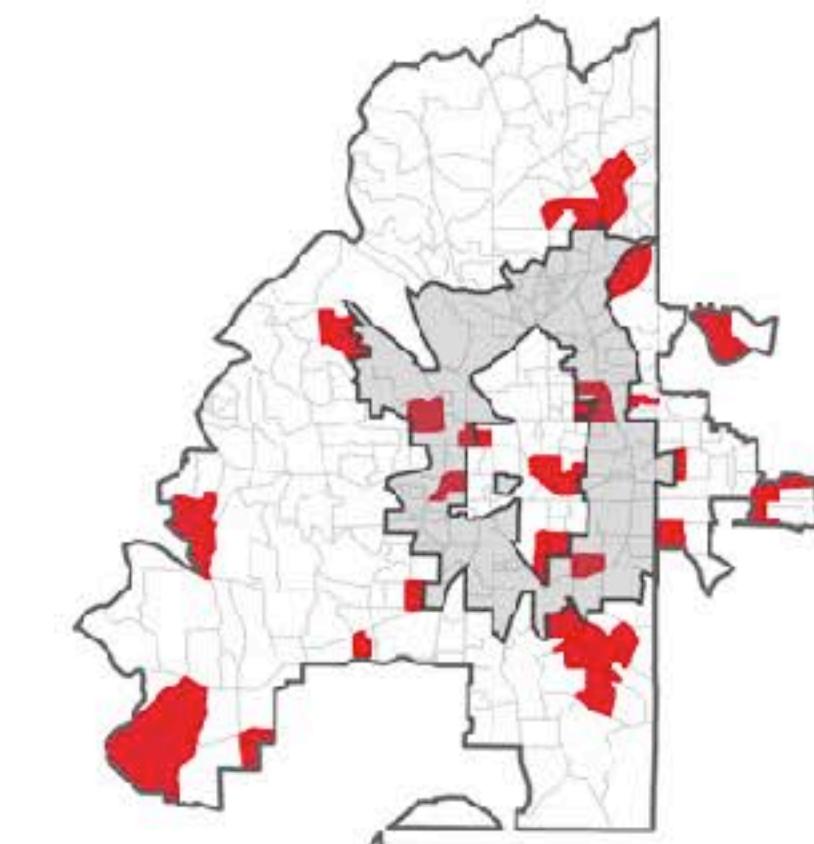
Inc. Vulnerability



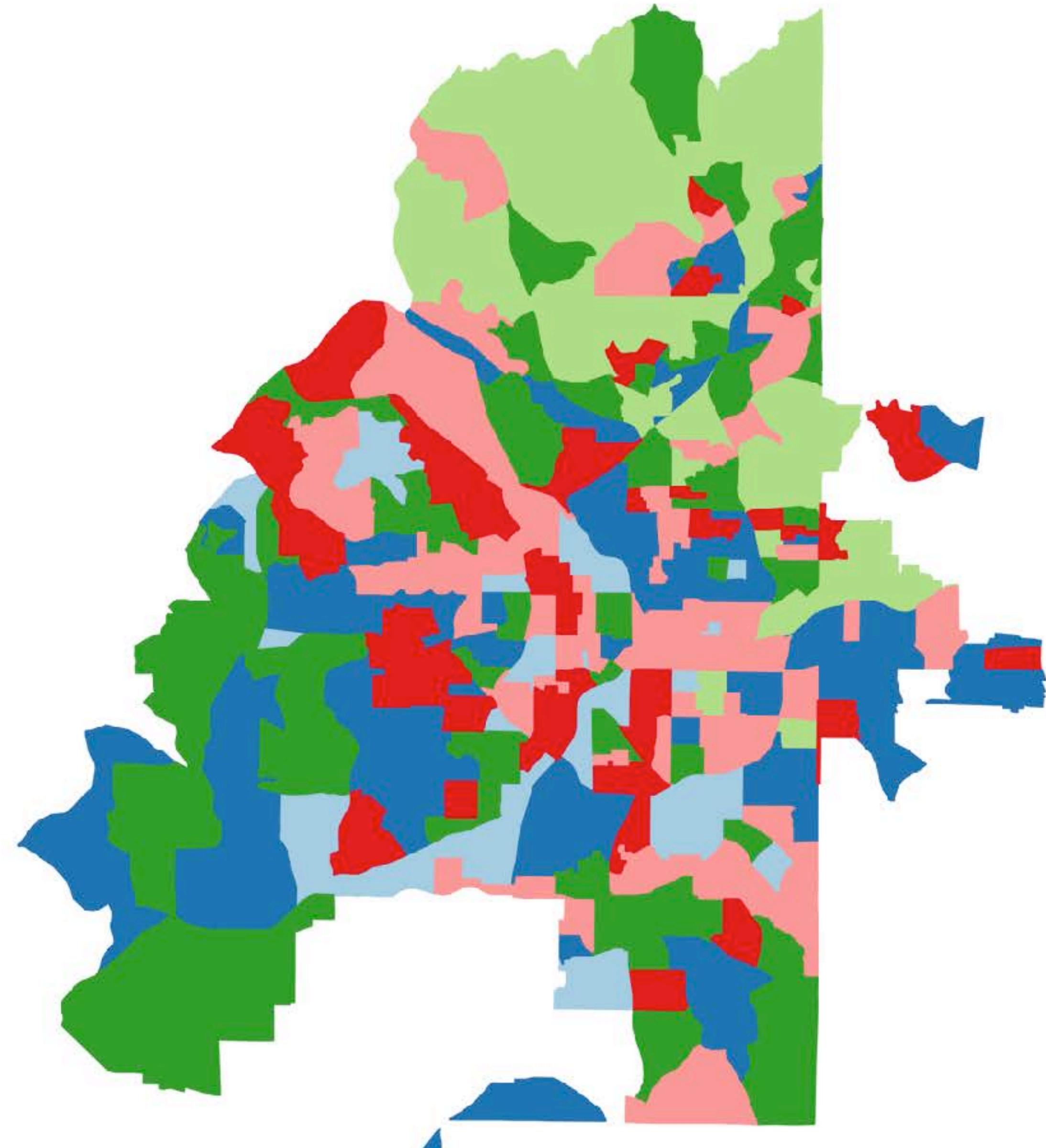
Dec. Vulnerability



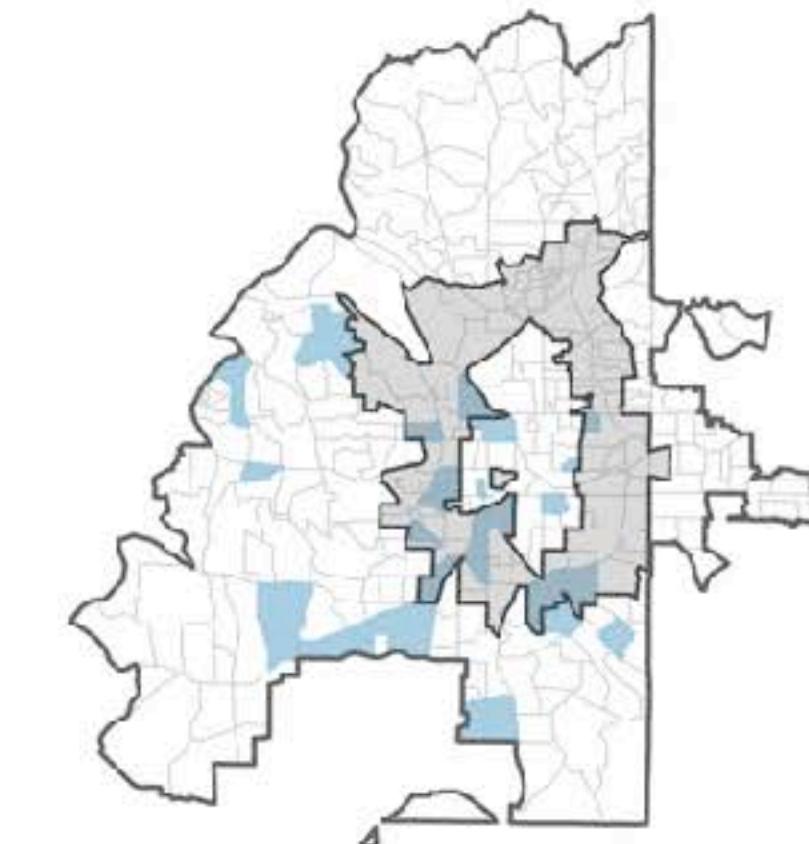
Fluct. Vulnerability



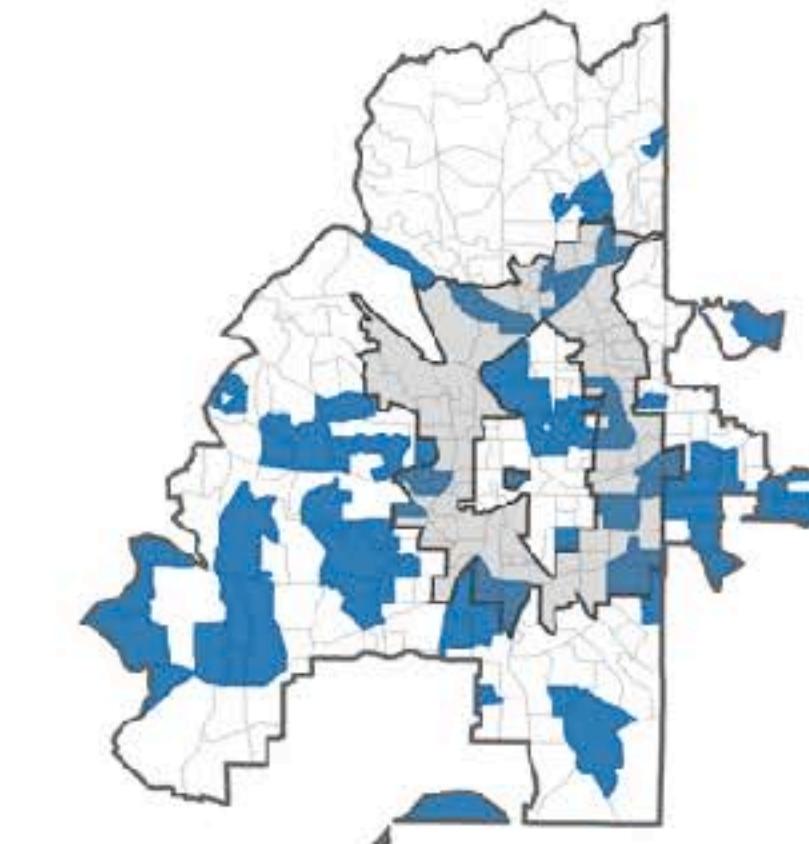
# Characterizing Housing Trajectories



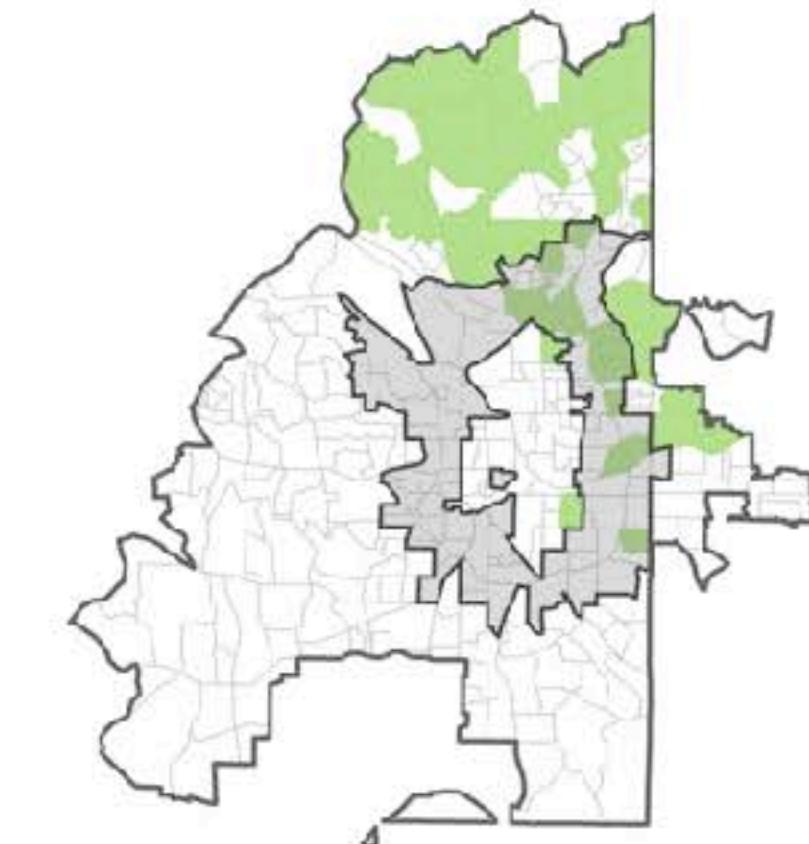
Per. High



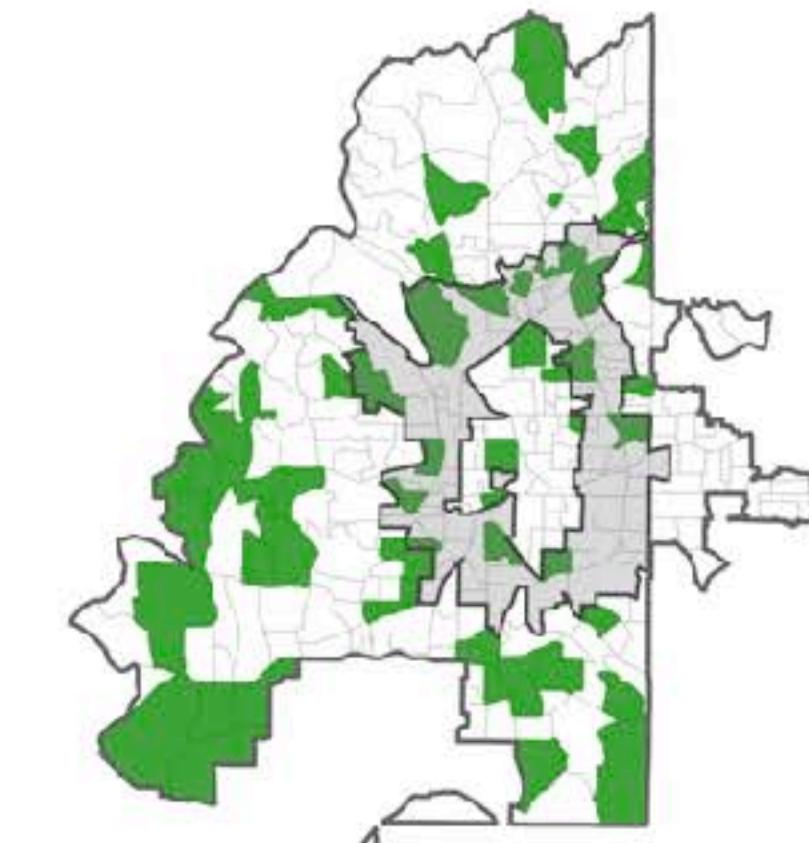
Per. Moderate



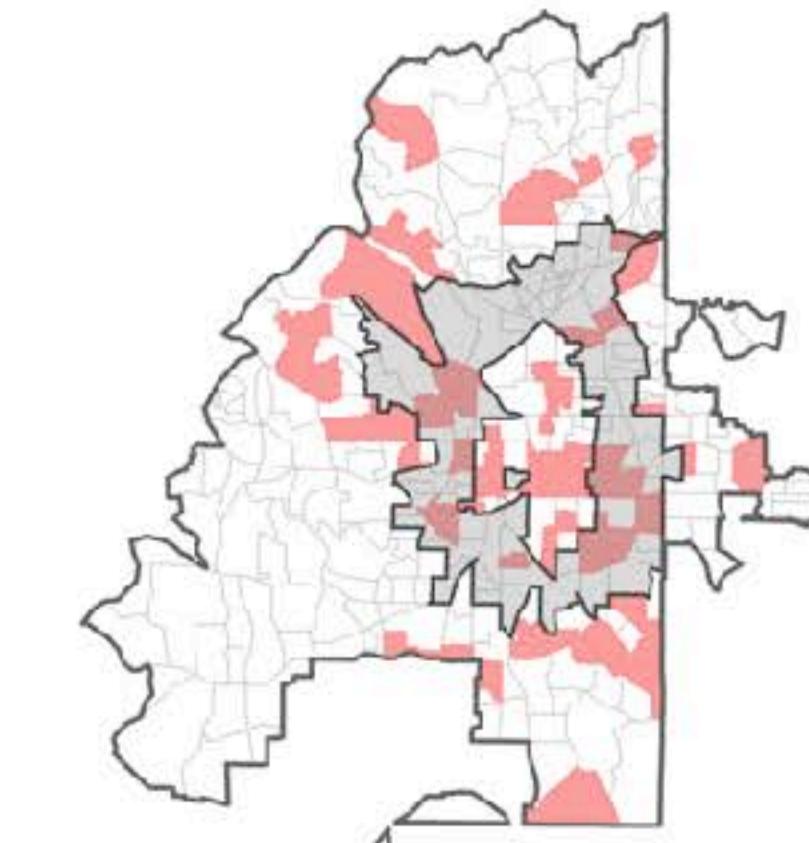
Per. Low



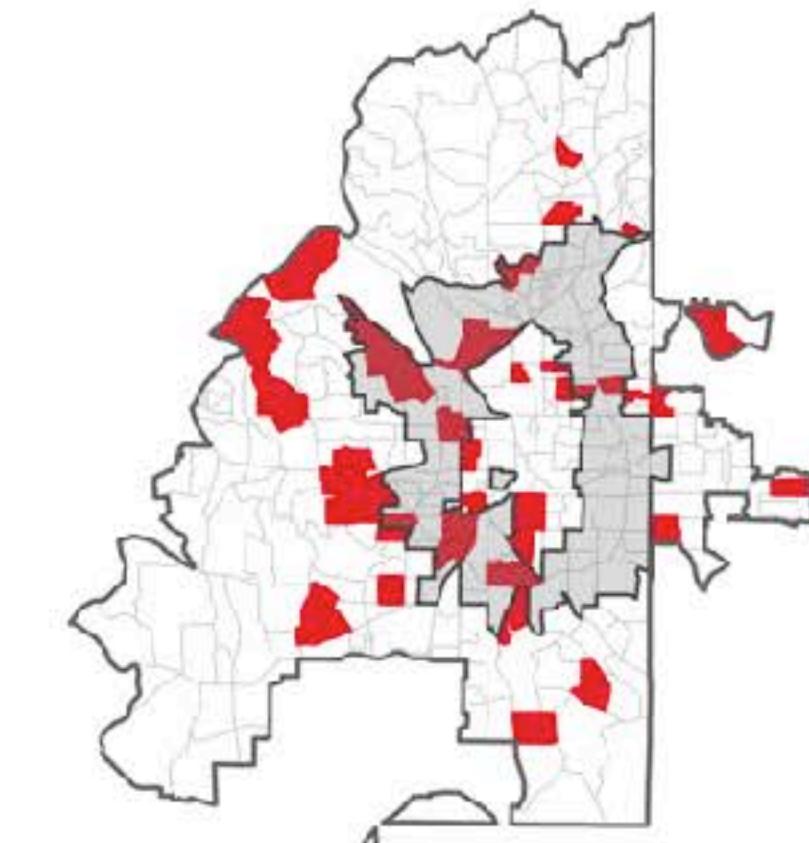
Inc. Vulnerability



Dec. Vulnerability

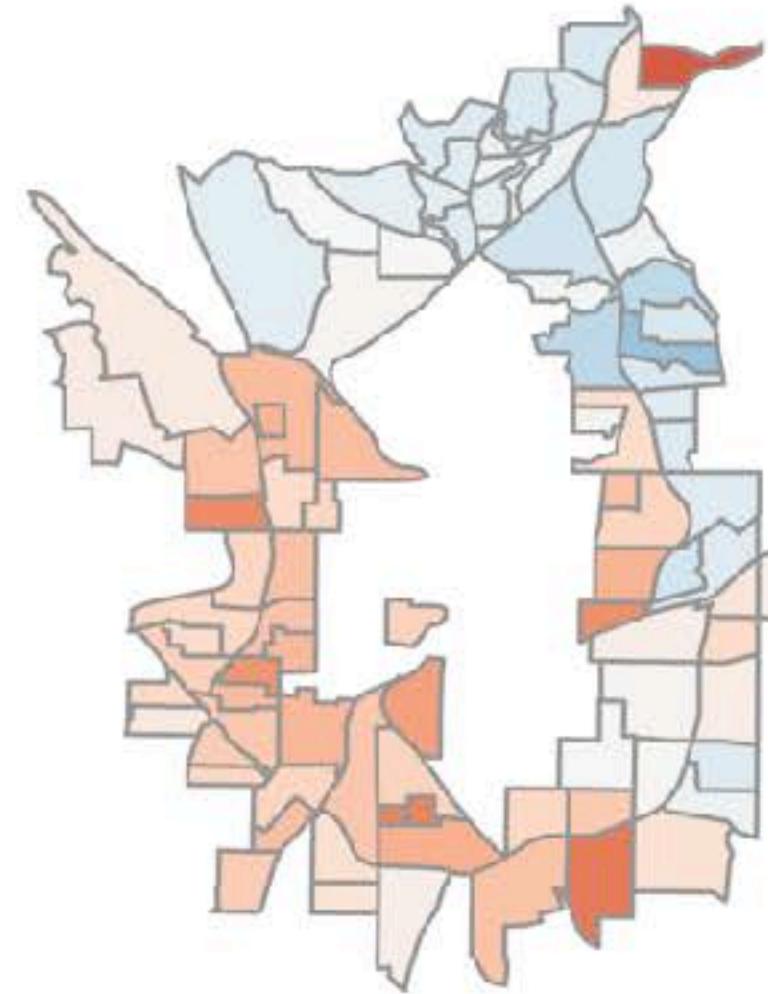


Fluct. Vulnerability

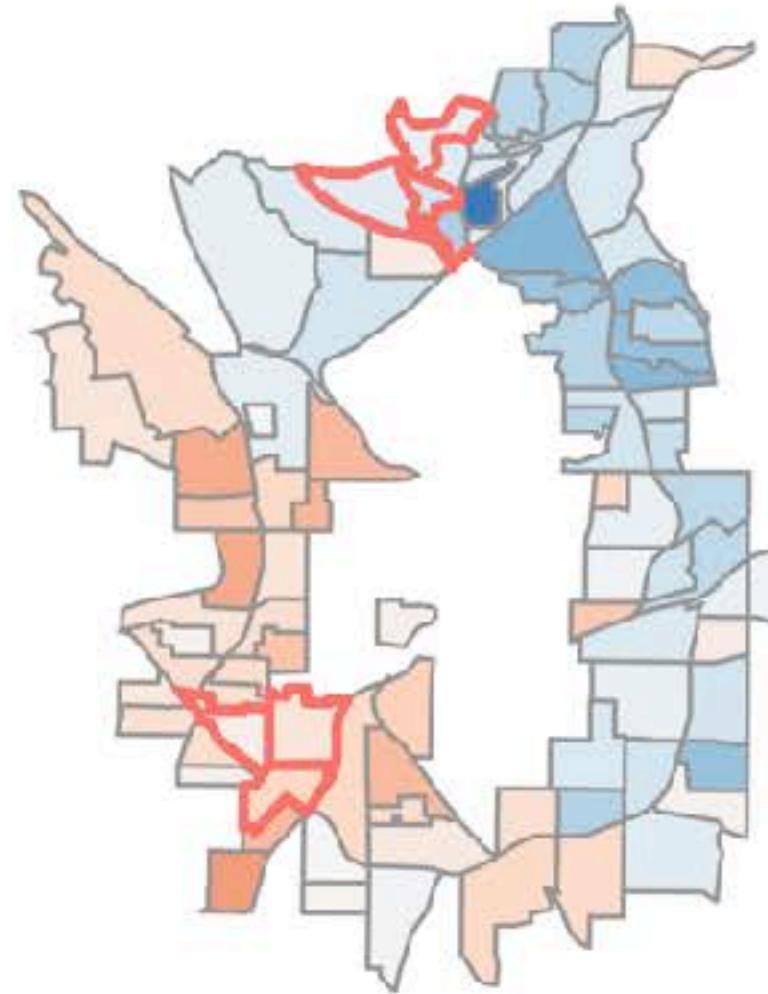


# Illustrating Spatial Correlation

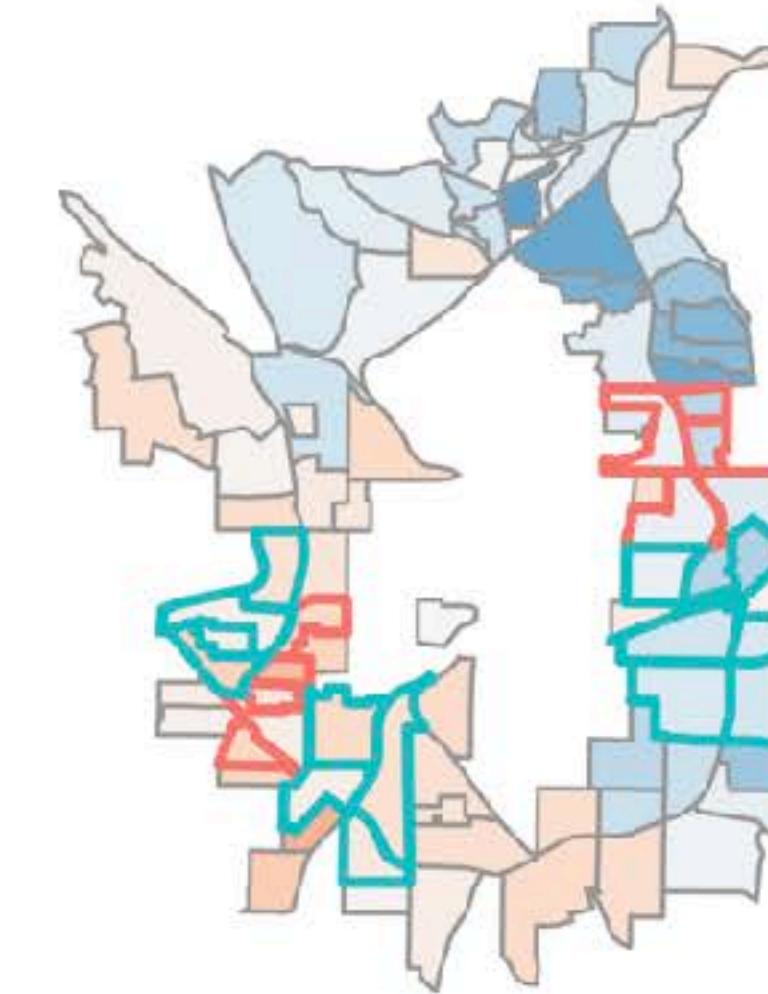
2000



2007-2011



2012-2016

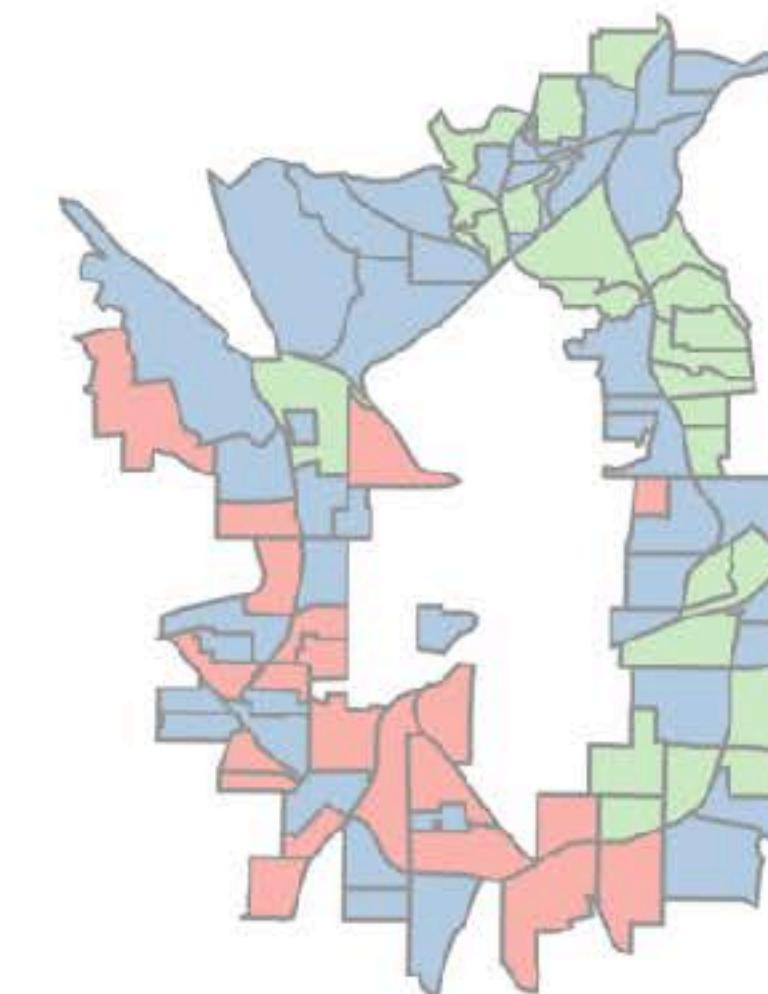
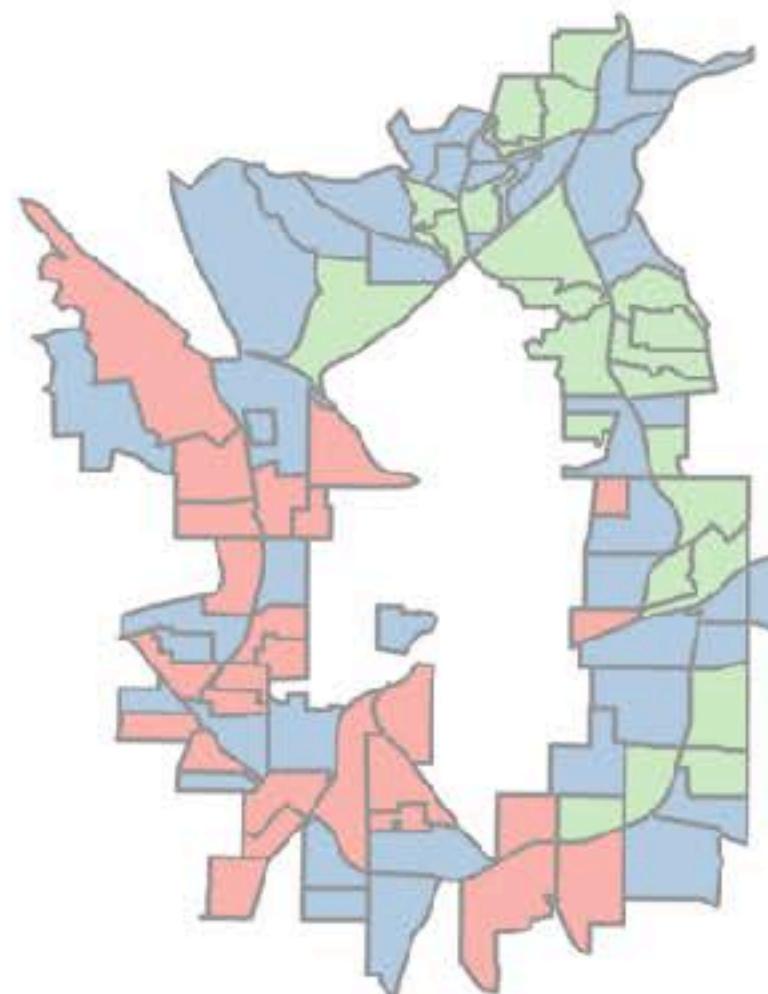
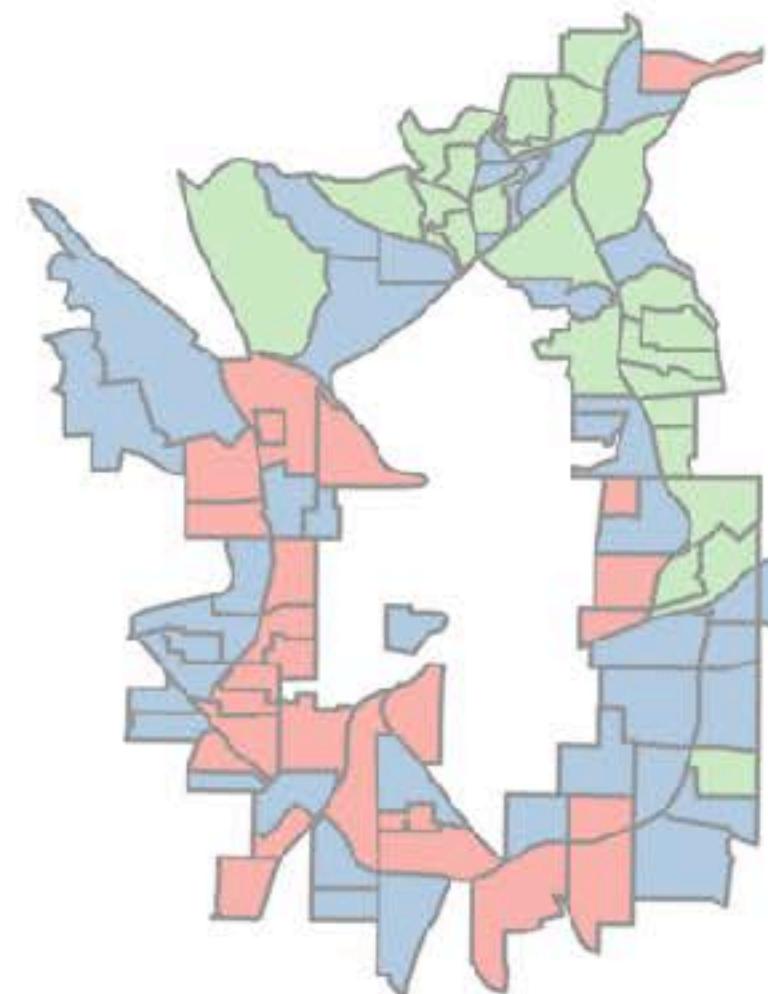


Park and Trail Improvements

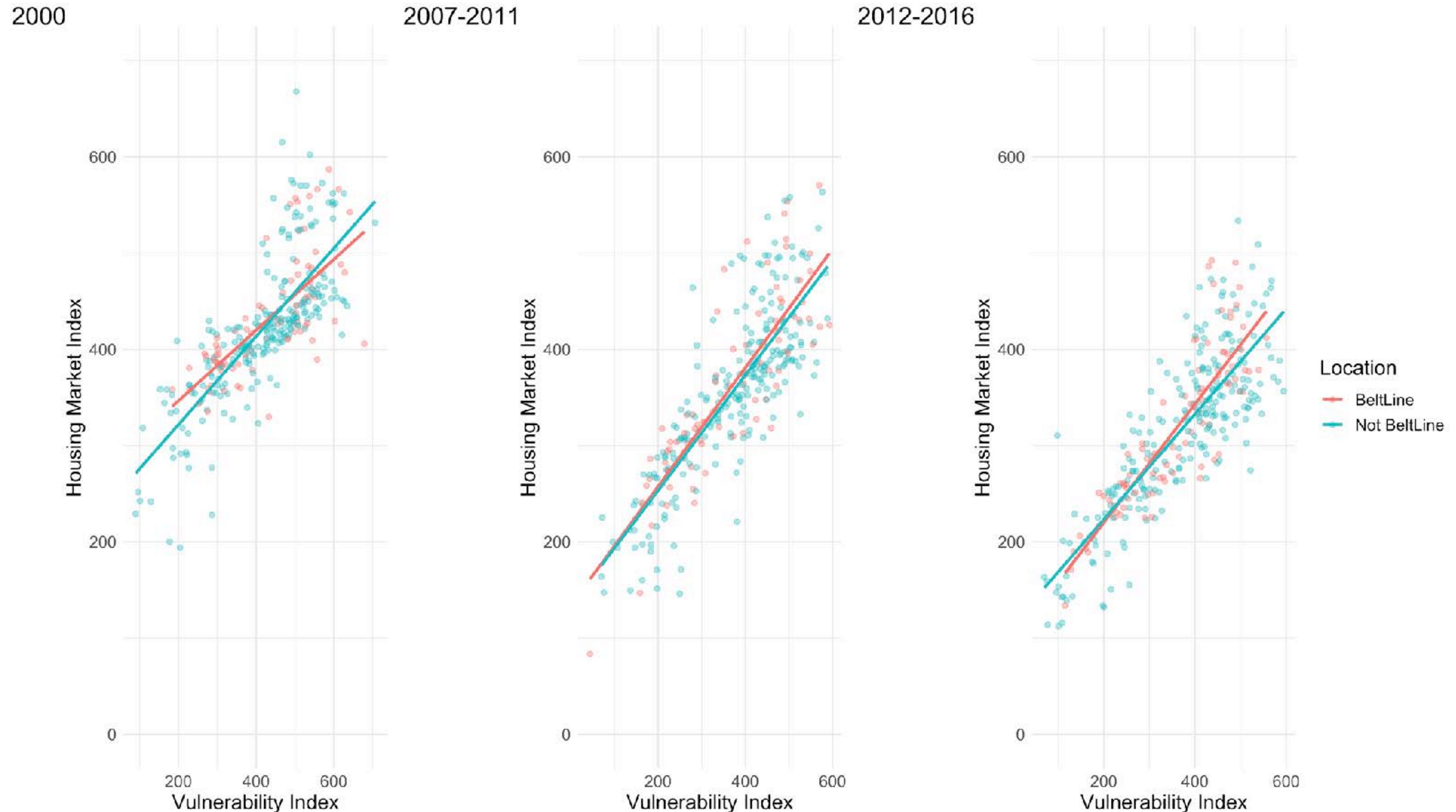
- Completed (Red)
- Slated (2017-2019) (Teal)

Vulnerability Category

- High Vulnerability (Red)
- Moderate Vulnerability (Blue)
- Low Vulnerability (Green)



# Illustrating Temporal Change

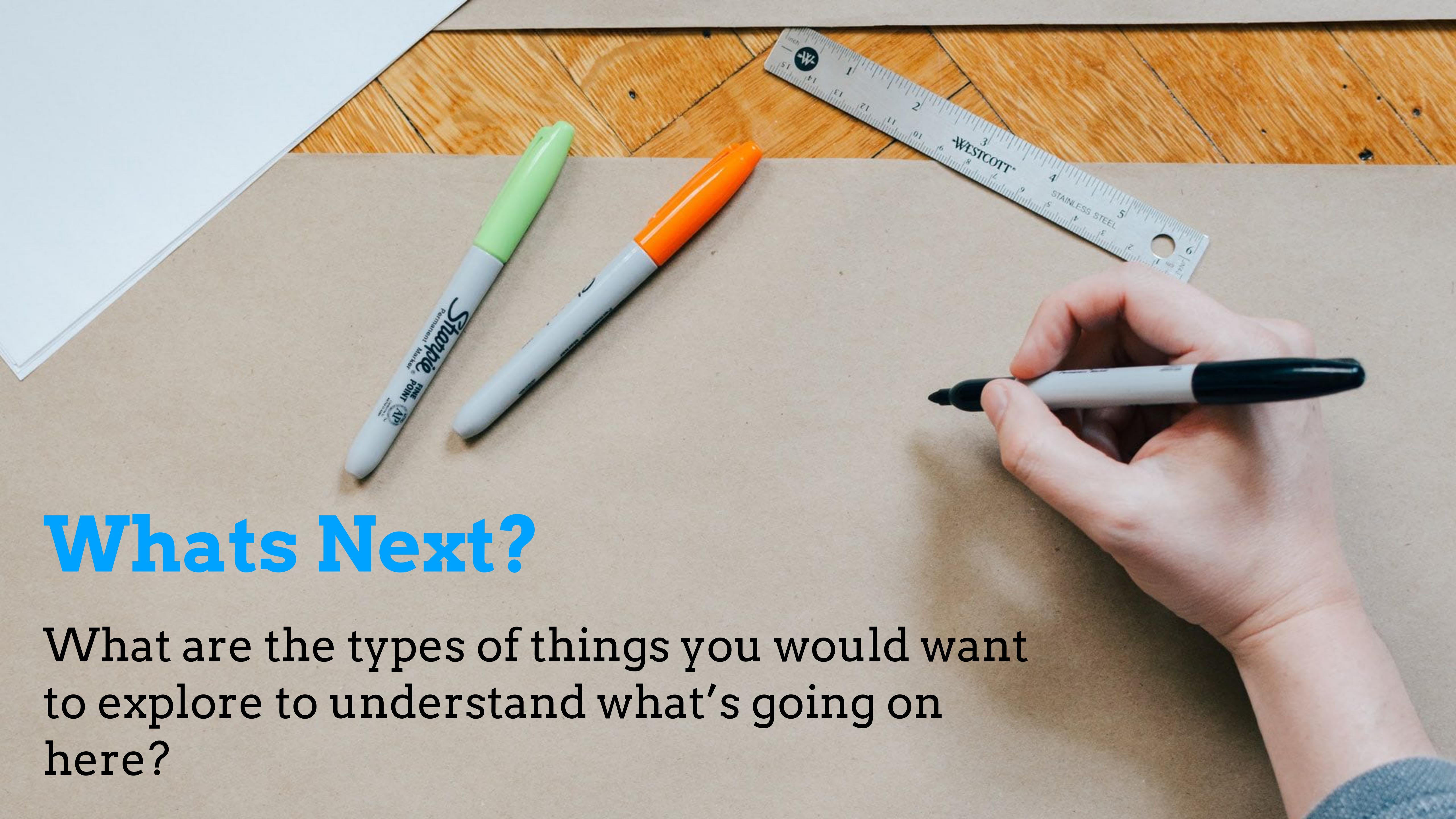


# Illustrating Spatial Correlation



# Whats Next?

What are the types of things you would want to explore to understand what's going on here?



# Tuesday



We'll start exploring the R programming language and  
RStudio Integrated Development Environment

Questions?

WHAT  
DO YOU  
TEAM