



oping for the Future:

LITERACY





...ars this building
vacant..... its
in 1991 was
\$300,000.



Today the building is
over **\$11,000**
an increase

over **3500**

in **15 year**

The lot is less than 1



and Production



Wal Mart



Consumed (Acres):

34.0

00.2

Property Taxes/Acre:

\$ 6,500

\$634,000

Mill Taxes/Acre:

\$ 47,500

\$ 83,600

Costs per Acre:

0.0

90.0

Wal Mart



Consumed (Acres):

34.0

00.2

Property Taxes/Acre:

\$ 6,500

\$634,000

Mill Taxes/Acre:

\$ 47,500

\$ 83,600

Costs per Acre:

0.0

90.0



... the relentless
rules of human
arithmetic



What is a city?



What is a City

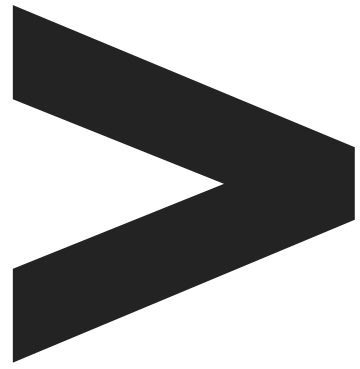
AS NEWLINE IS

BY >





Asheville



Avalanche
\$210M



Nuggets
\$427M



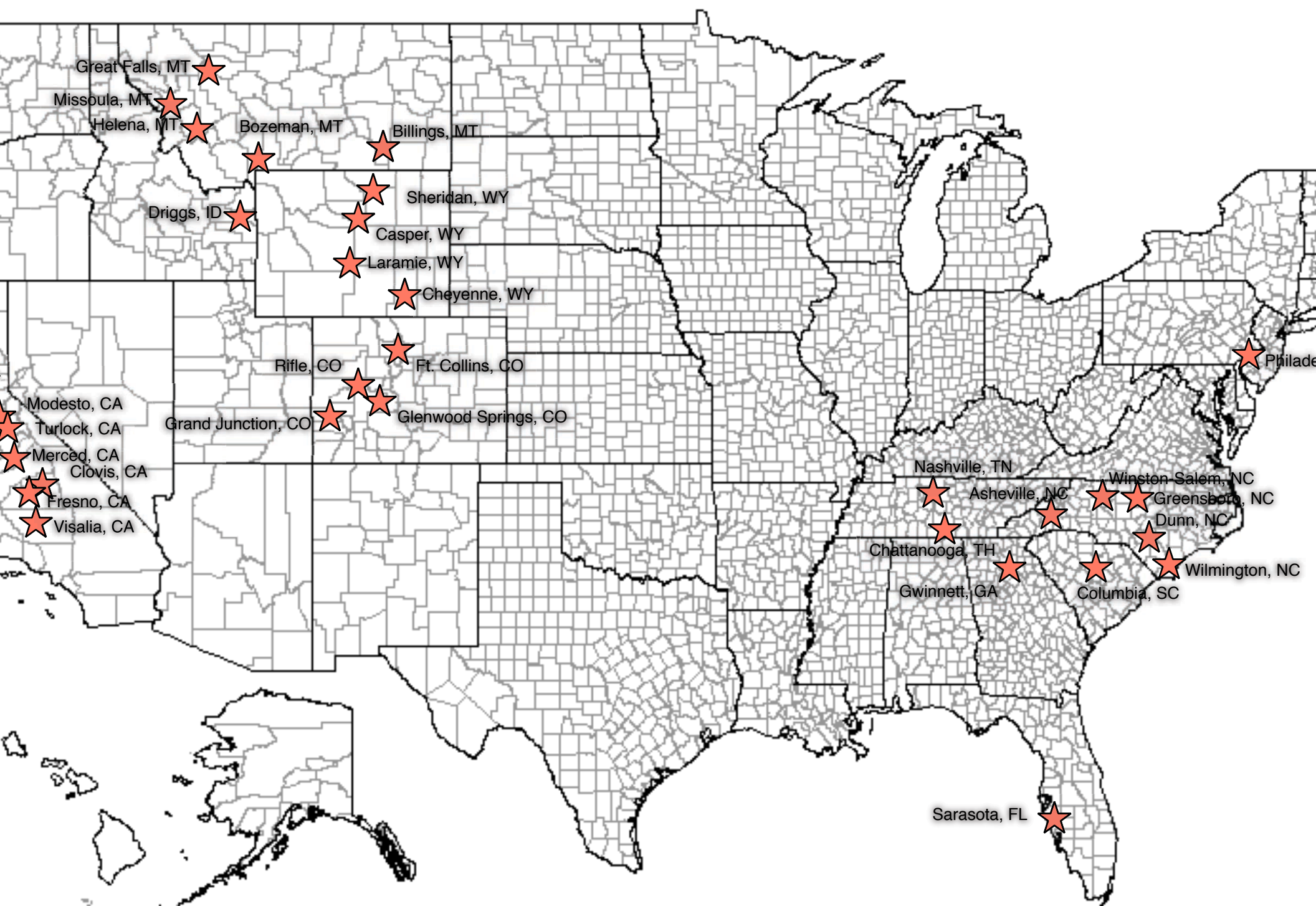
Rockies
\$537M



Broncos
\$1.1B

A close-up, black and white halftone image of a person's face, likely from a banknote. The image focuses on the eyes and the bridge of the nose. The texture is composed of fine dots and lines, characteristic of security printing.

ere does your money come from



Residential

Commercial

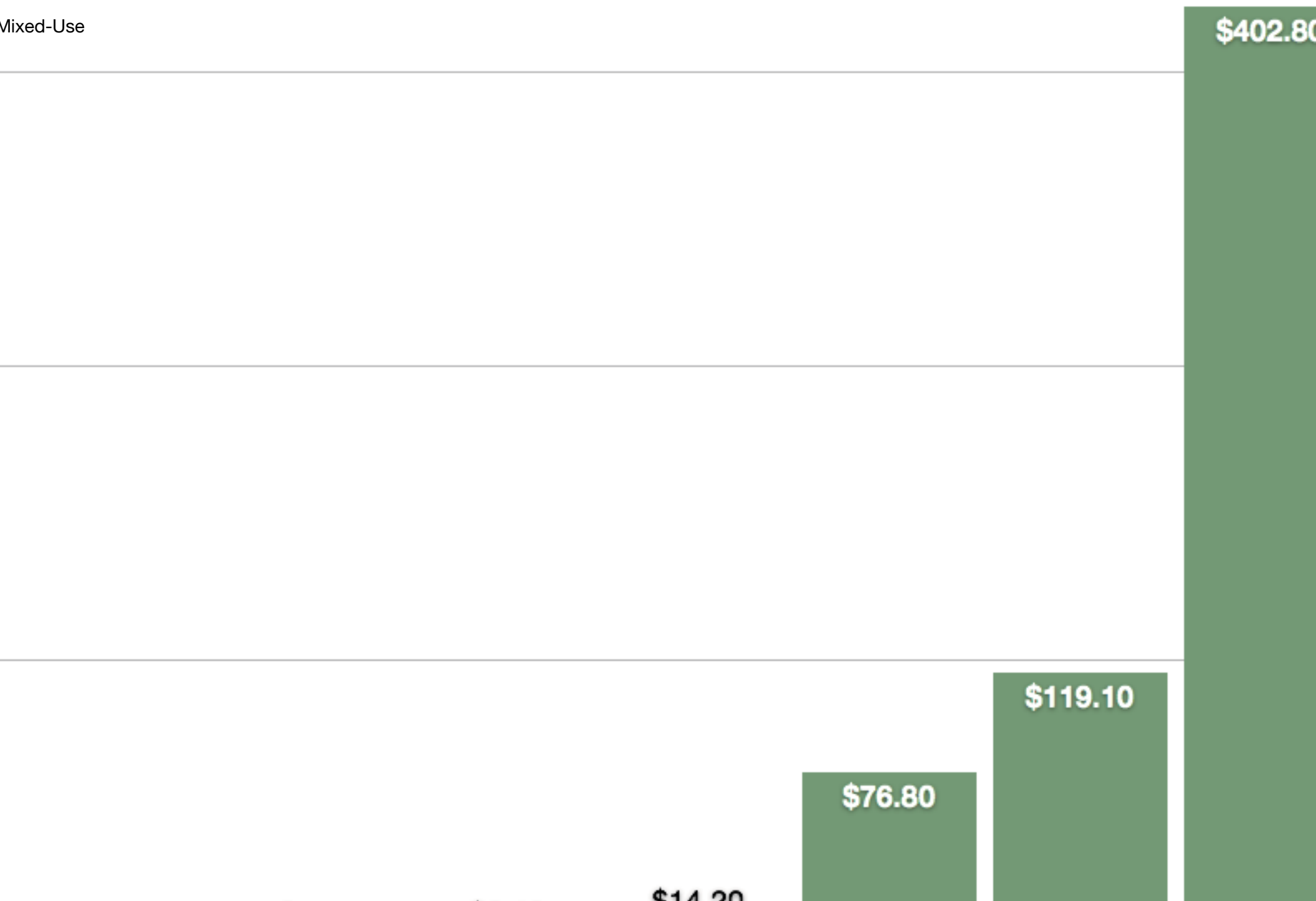
Mixed-Use

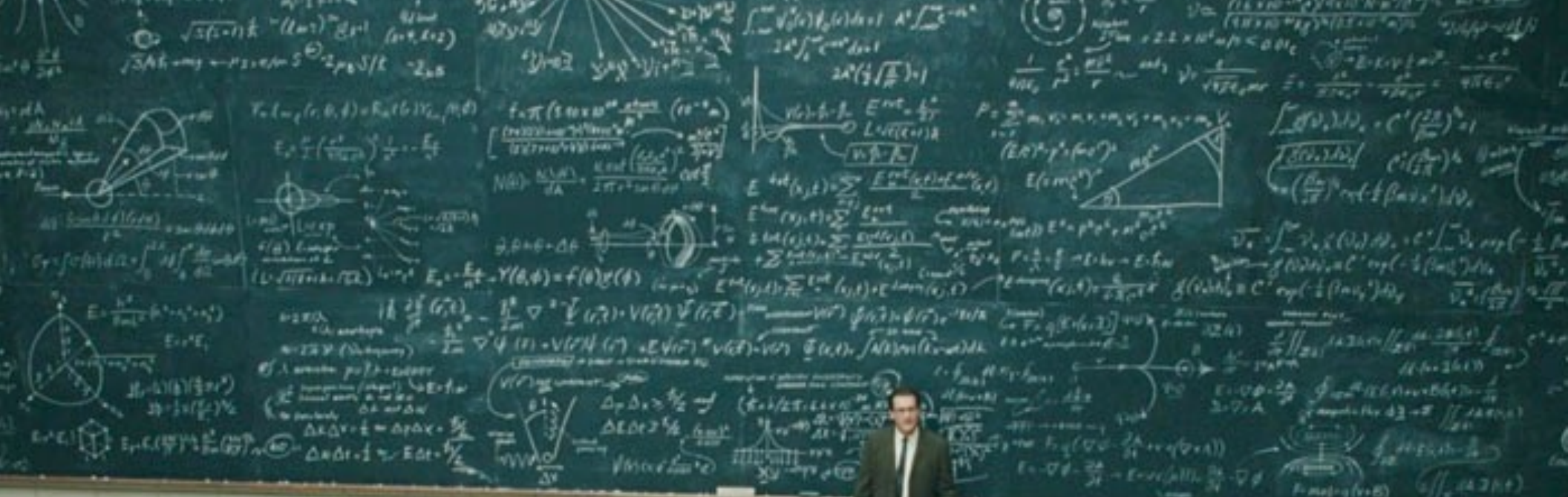
\$402.80

\$119.10

\$76.80

\$14.20





Scary Math

How do you compare a car?



LTD
r tank



Toyota Prius
571 miles per tank



1955 BMW Isetta
245 miles per tank



How do you compare a car?



LTD
r tank

Toyota Prius
571 miles per tank



1955 BMW Isetta
245 miles per tank



How do you compare a car?



LTD



Toyota Prius
51/48 mpg



1955 BMW Isetta
50/70 mpg



How do you compare a car?



LTD

Toyota Prius
51/48 mpg



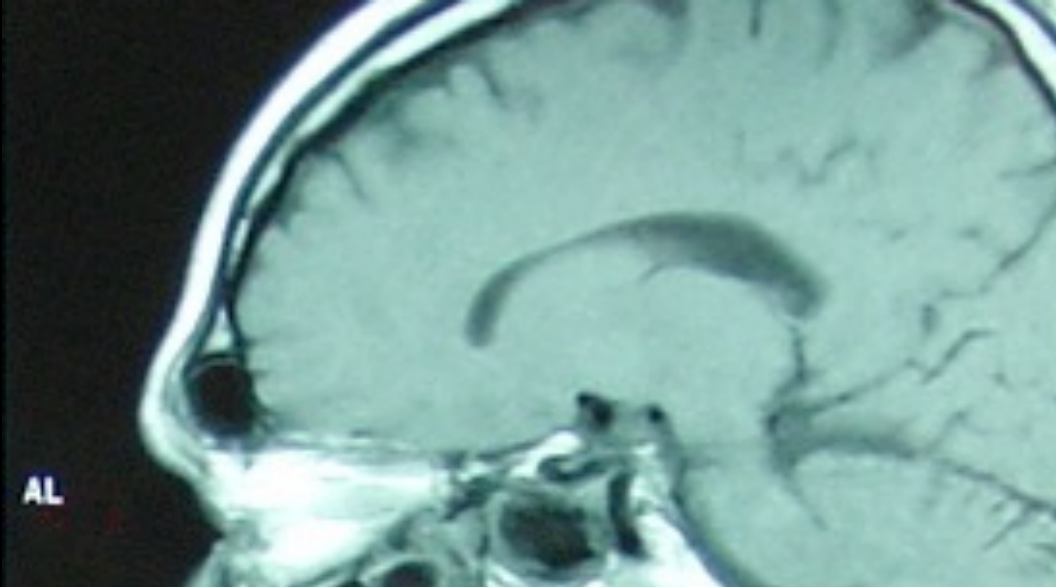
1955 BMW Isetta
50/70 mpg



WHY DATA SETS DO YOU USE

CHANCE
YOU'RE MAKING
A GOOD
DECISION





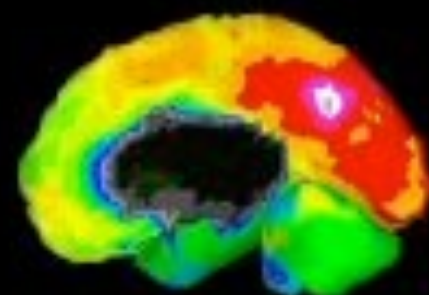
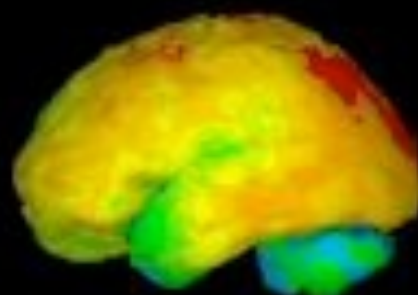
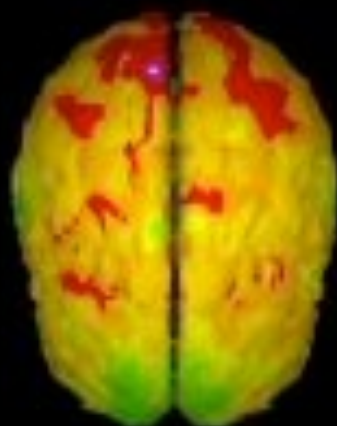
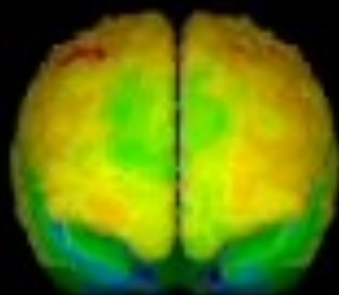
3-D Cortical Perfusion Display after Talairach Transformation

Anterior

Vertex

L.Lateral

R.Medial

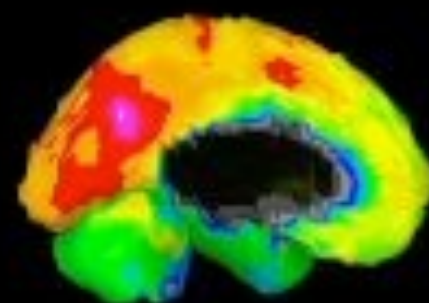
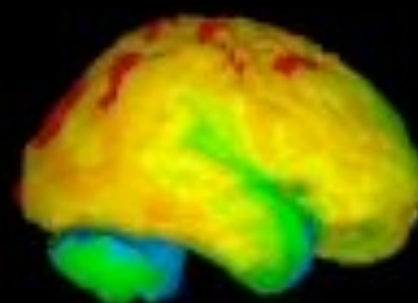
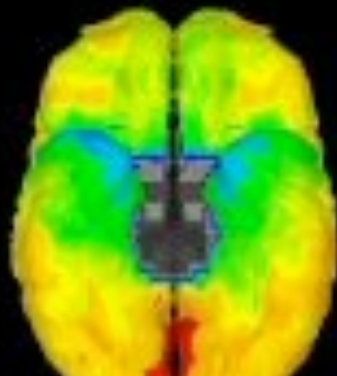
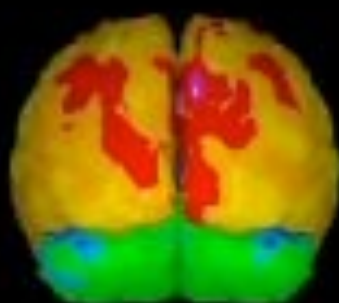


Posterior

Underside

R.Lateral

L.Medial



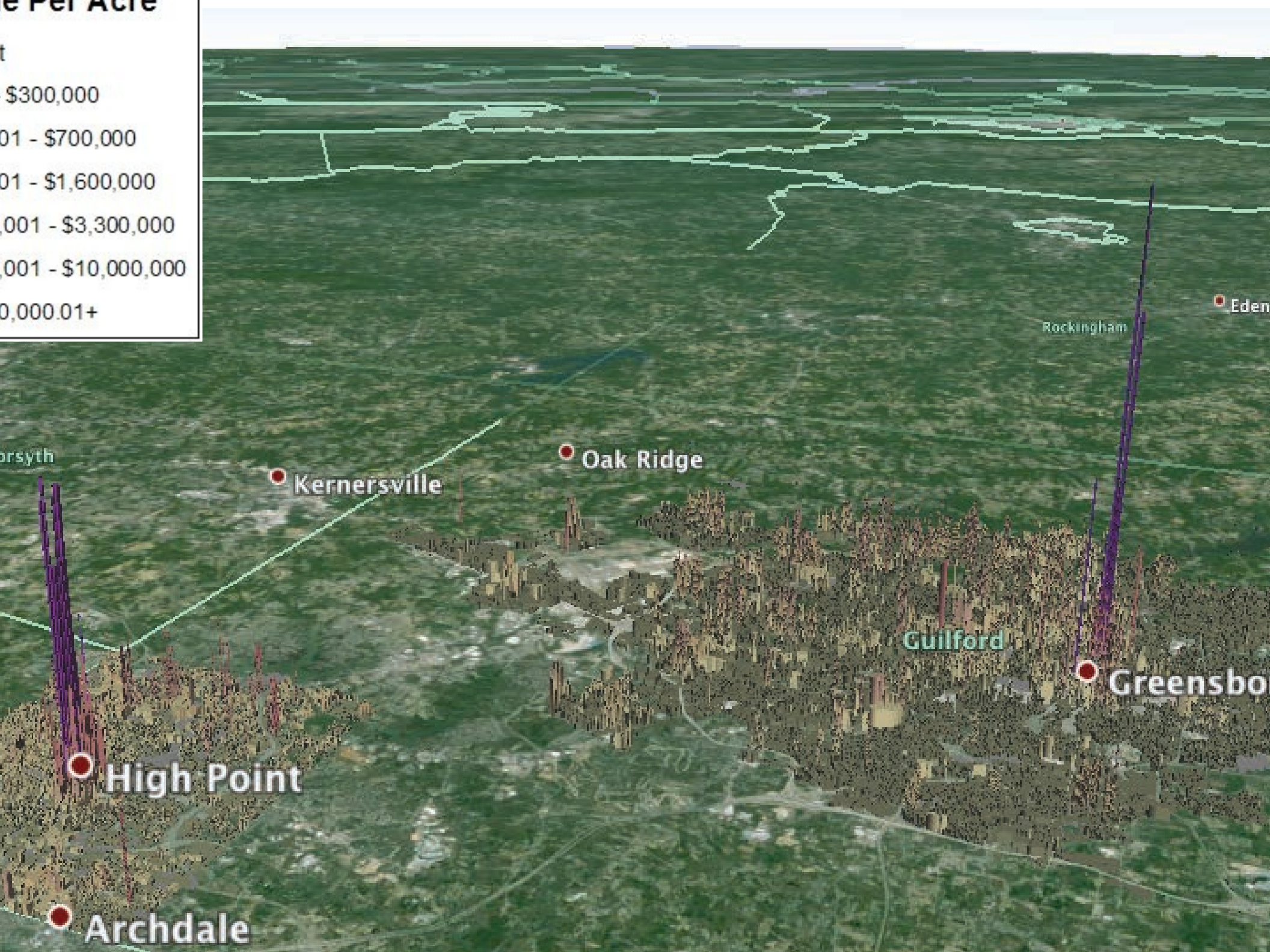
GREETINGS FROM



N.C.

Value Per Acre

- \$300,000
- \$101 - \$700,000
- \$101 - \$1,600,000
- \$1001 - \$3,300,000
- \$1001 - \$10,000,000
- \$10,000.01+

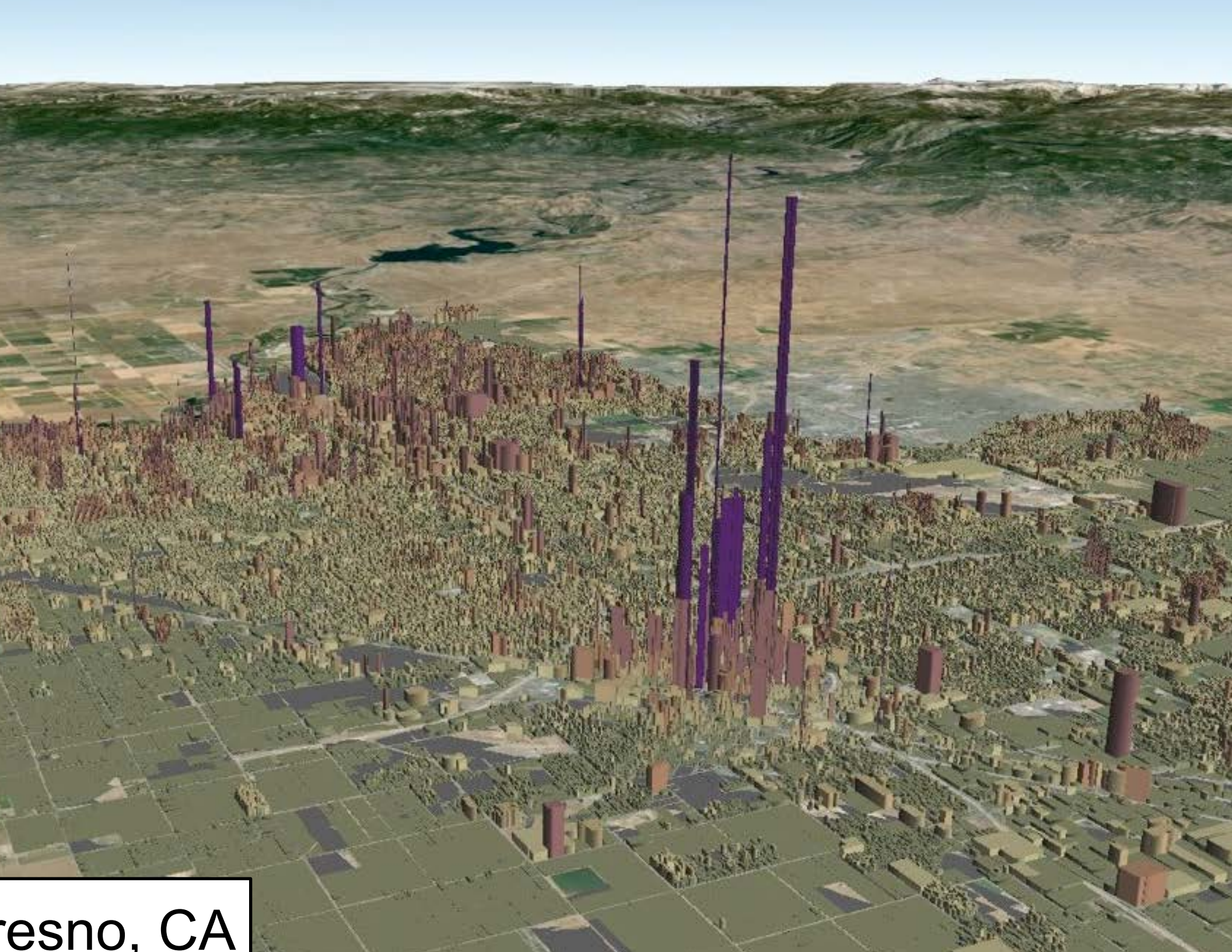


GREETINGS *from*

FRESNO

CALIFORNIA





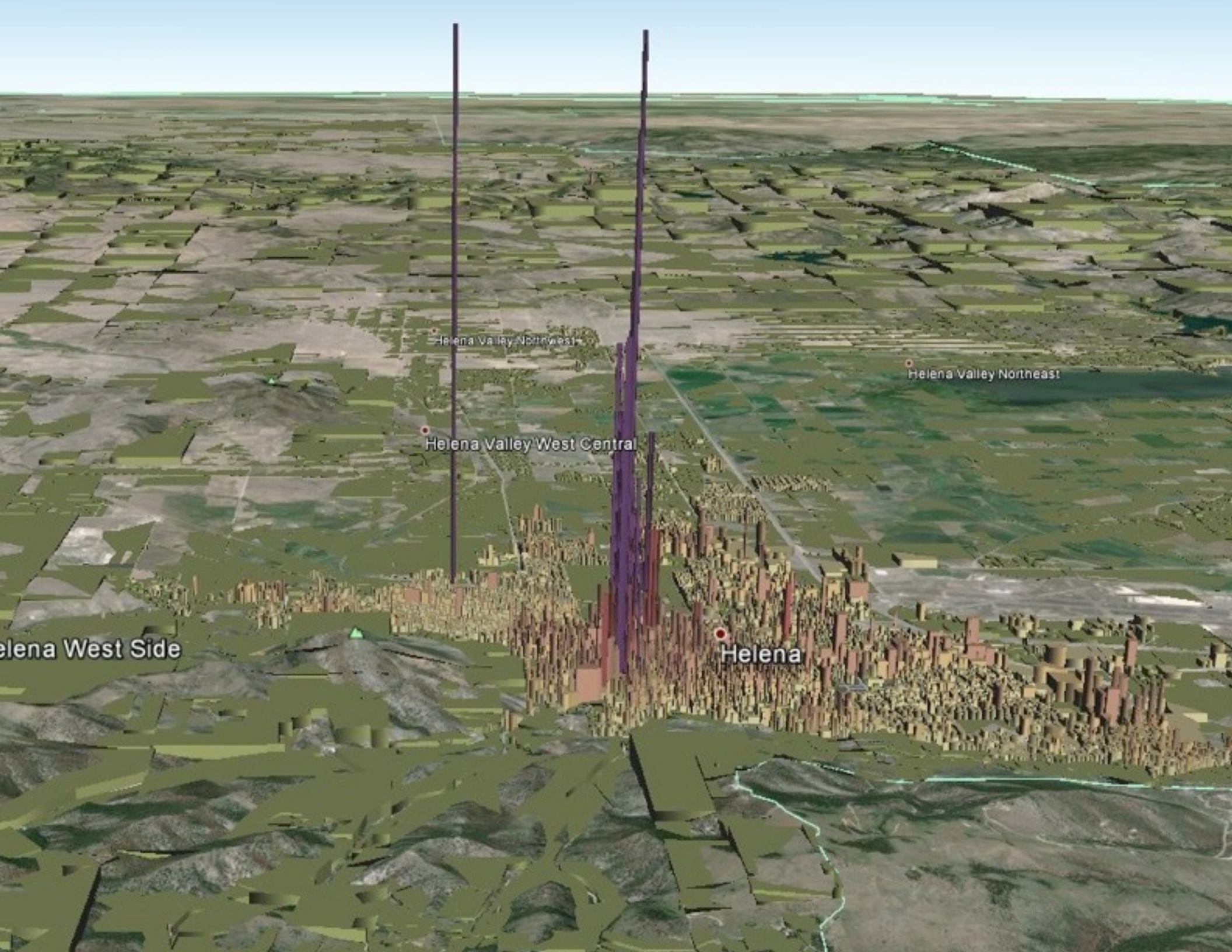
Fresno, CA

reetings from



Capital City of
MONTANA





Helena Valley Northwest

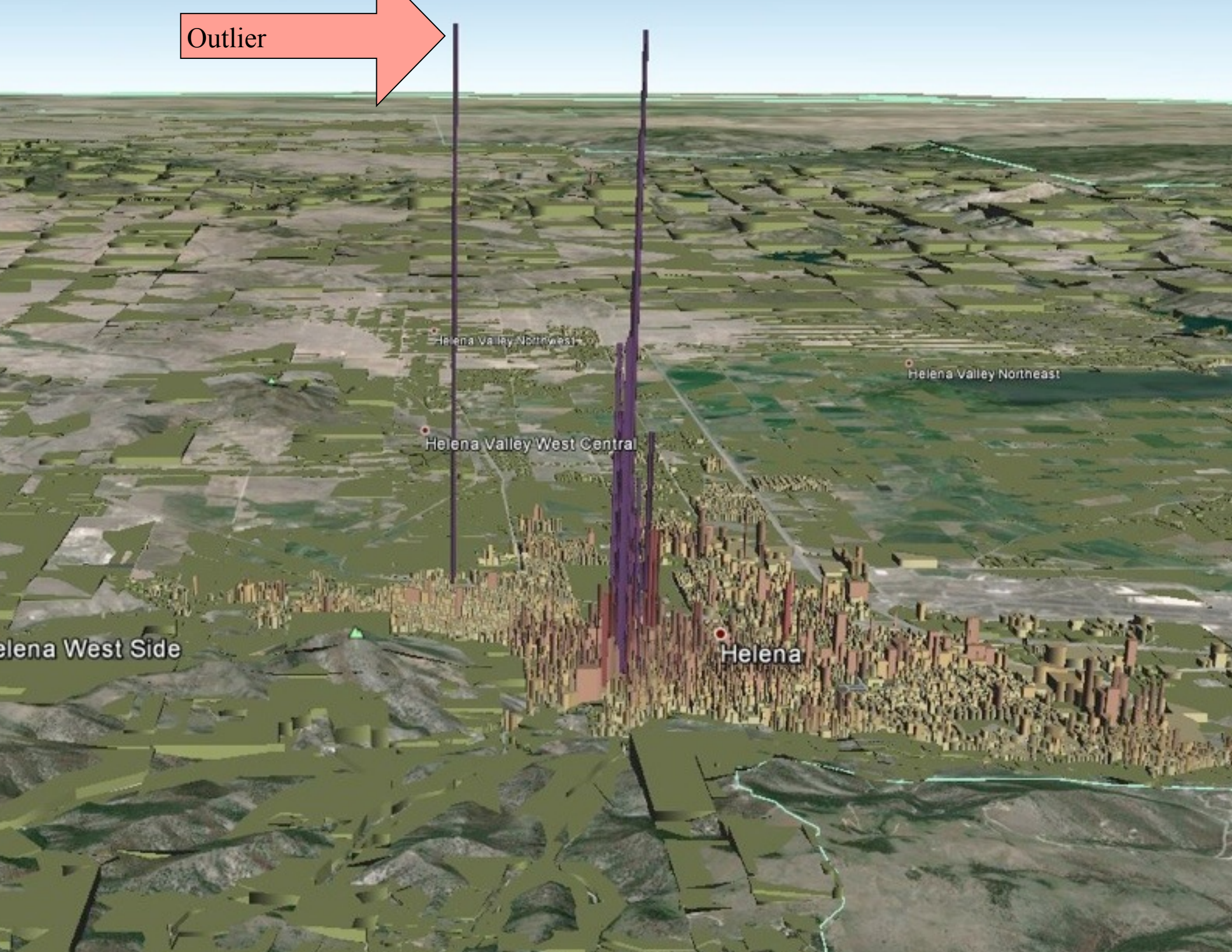
Helena Valley Northeast

Helena Valley West Central

Helena West Side

Helena

Outlier



Helena Valley Northwest

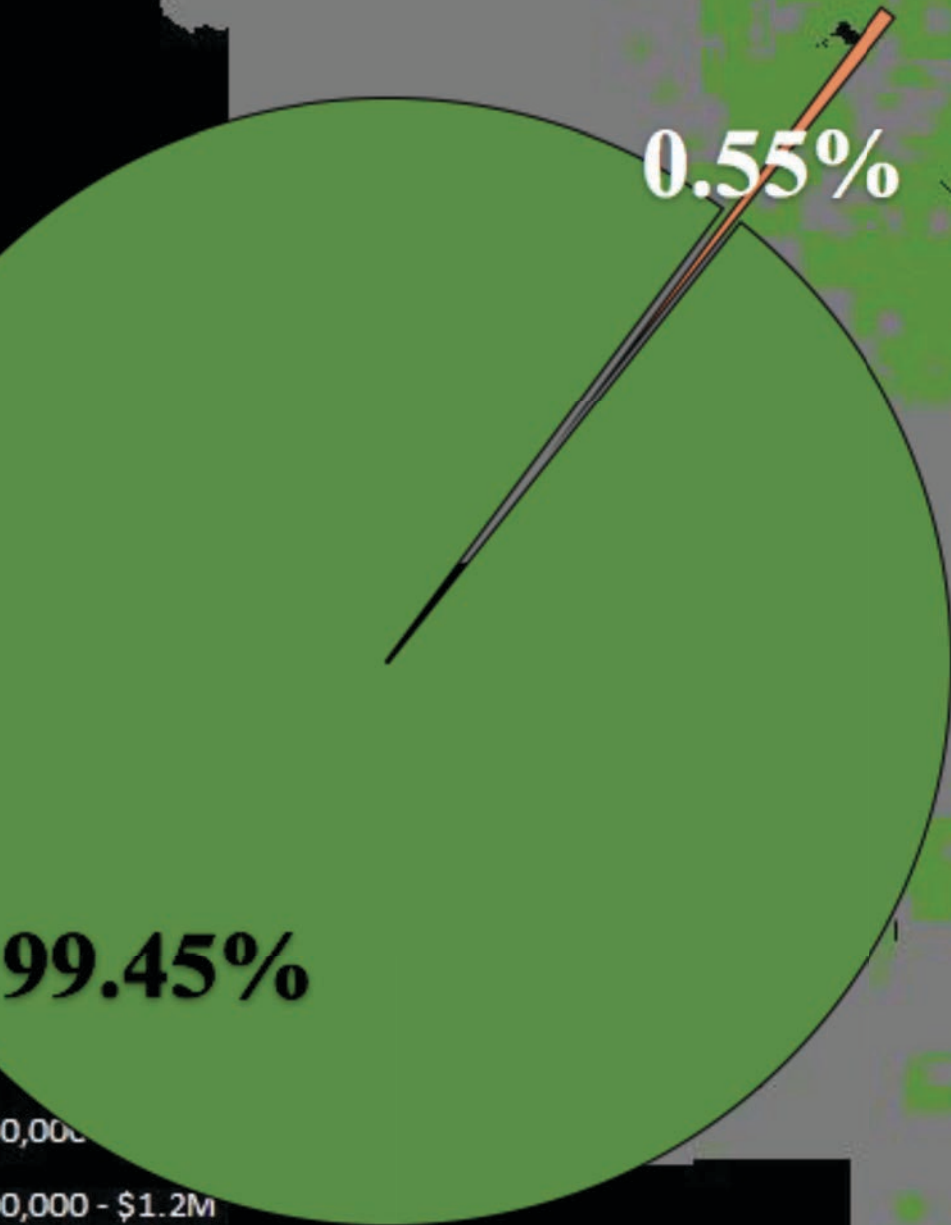
Helena Valley Northeast

Helena Valley West Central

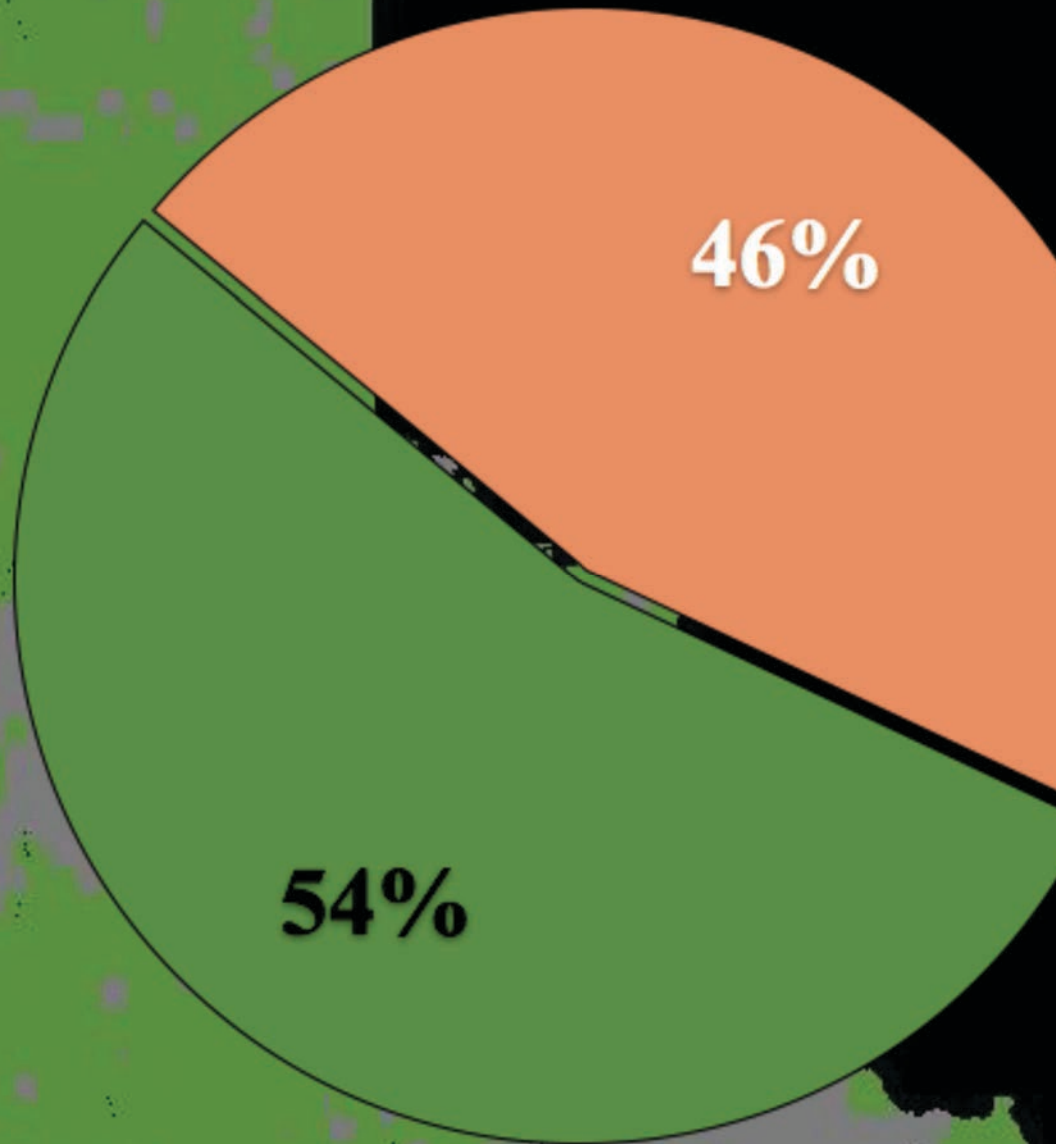
Helena West Side

Helena

● Rest of County
● Helena



County Land Area



County Land Value

Lewis & Clark = \$2.7B

0,000
0,000 - \$1.2M
2M - \$2M
M - \$8M
1 - \$16M

Greetings from



HOME OF UNIVERSITY OF NORTH CAROLINA

Orange County, NC

Total Value Per Acre



Miles

Value Per Acre

Empty

0,000

0,000 - 100,000

1,000 - 500,000

1,000 - 1,000,000

1,000,000 - 2,000,000

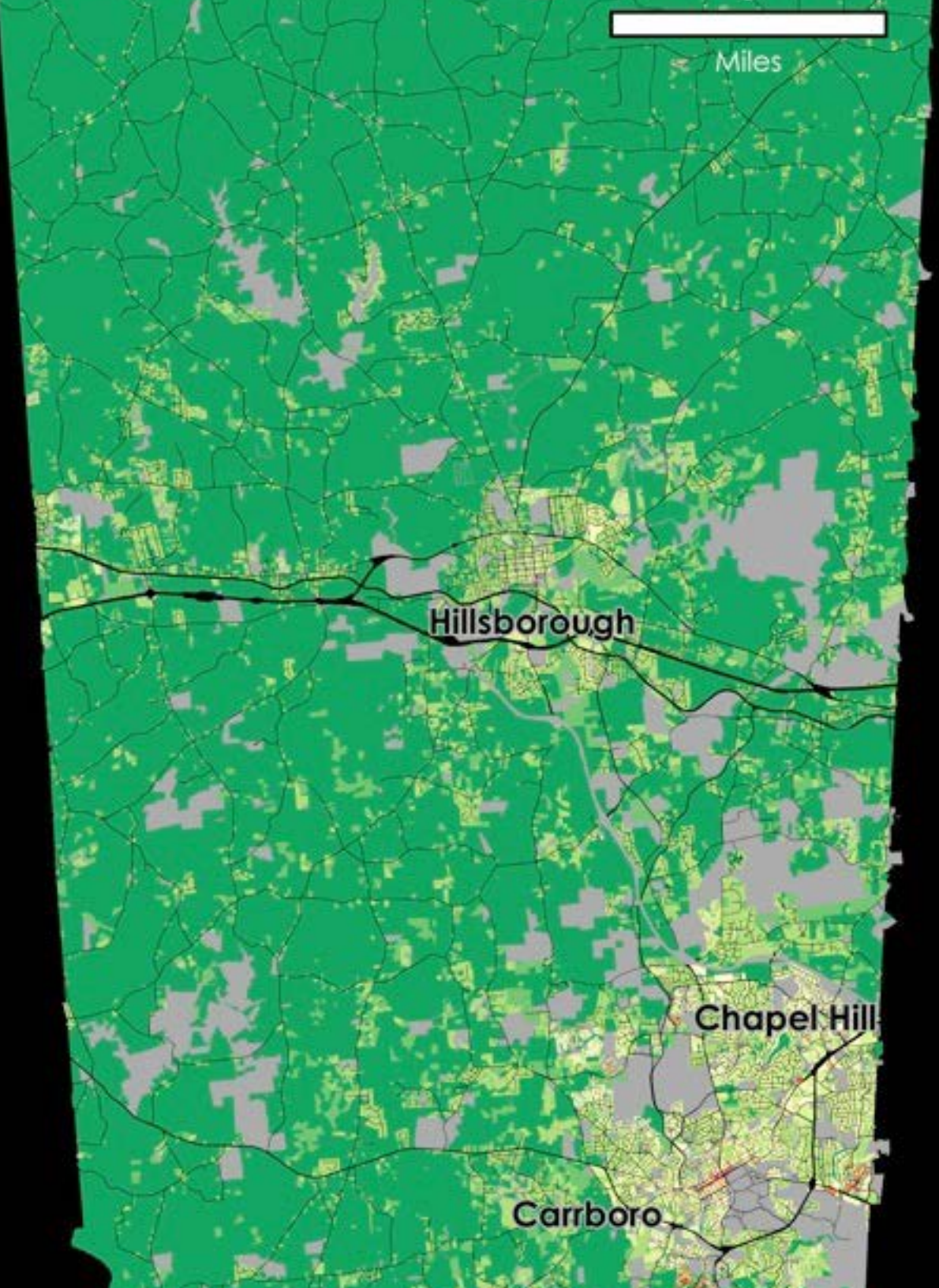
2,000,000 - 3,000,000

3,000,000 - 4,000,000

4,000,000 - 10,000,000

10,000,000 - 15,000,000

15,000,000



Hillsborough

Chapel Hill

Carrboro

Orange County, NC

Total Value Per Acre

92.83%

County Land Area

000,000 - 2,000,000
000,000 - 3,000,000
000,000 - 4,000,000
000,000 - 10,000,000
000,000 - 15,000,000
5,000,000

1.40%
1%
5%

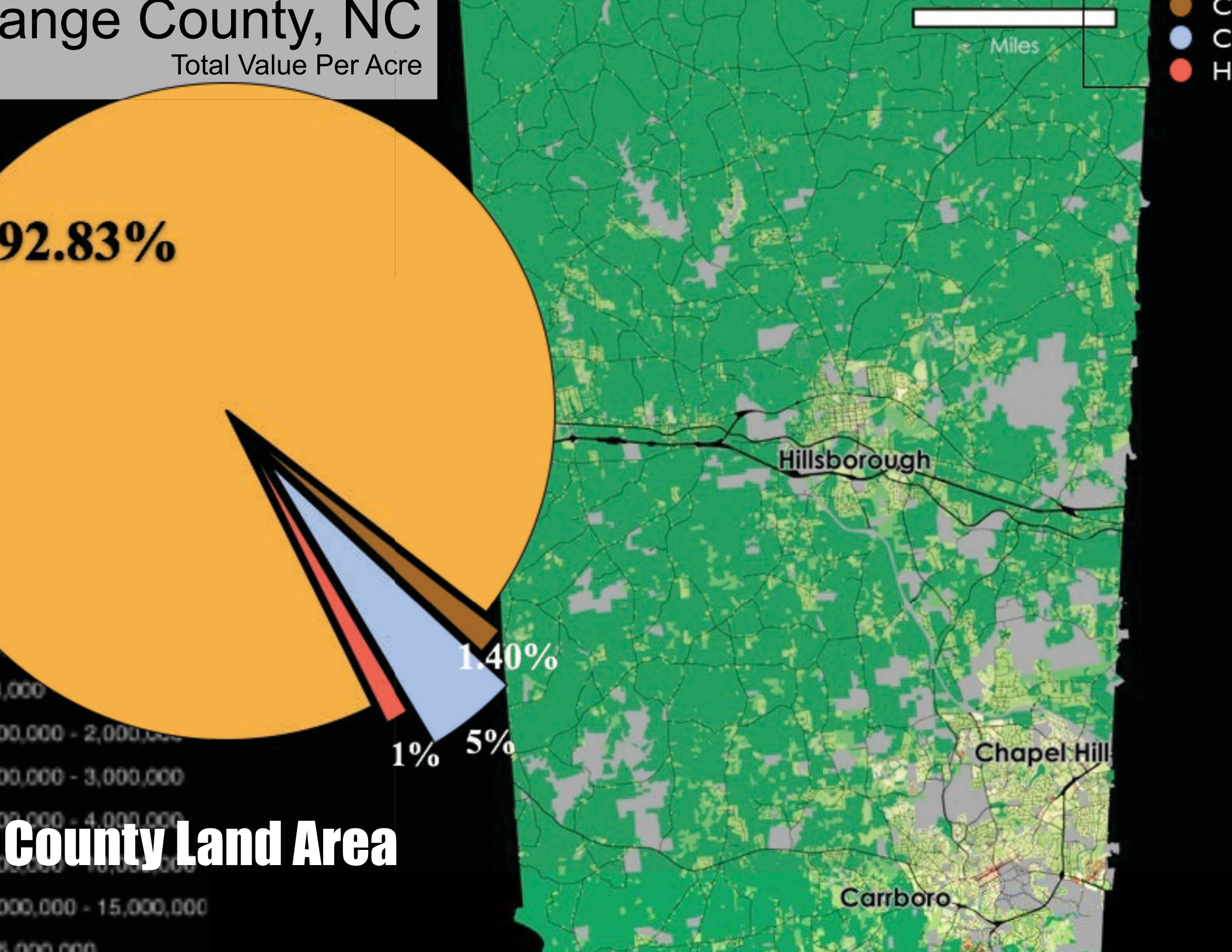
Hillsborough

Chapel Hill

Carrboro

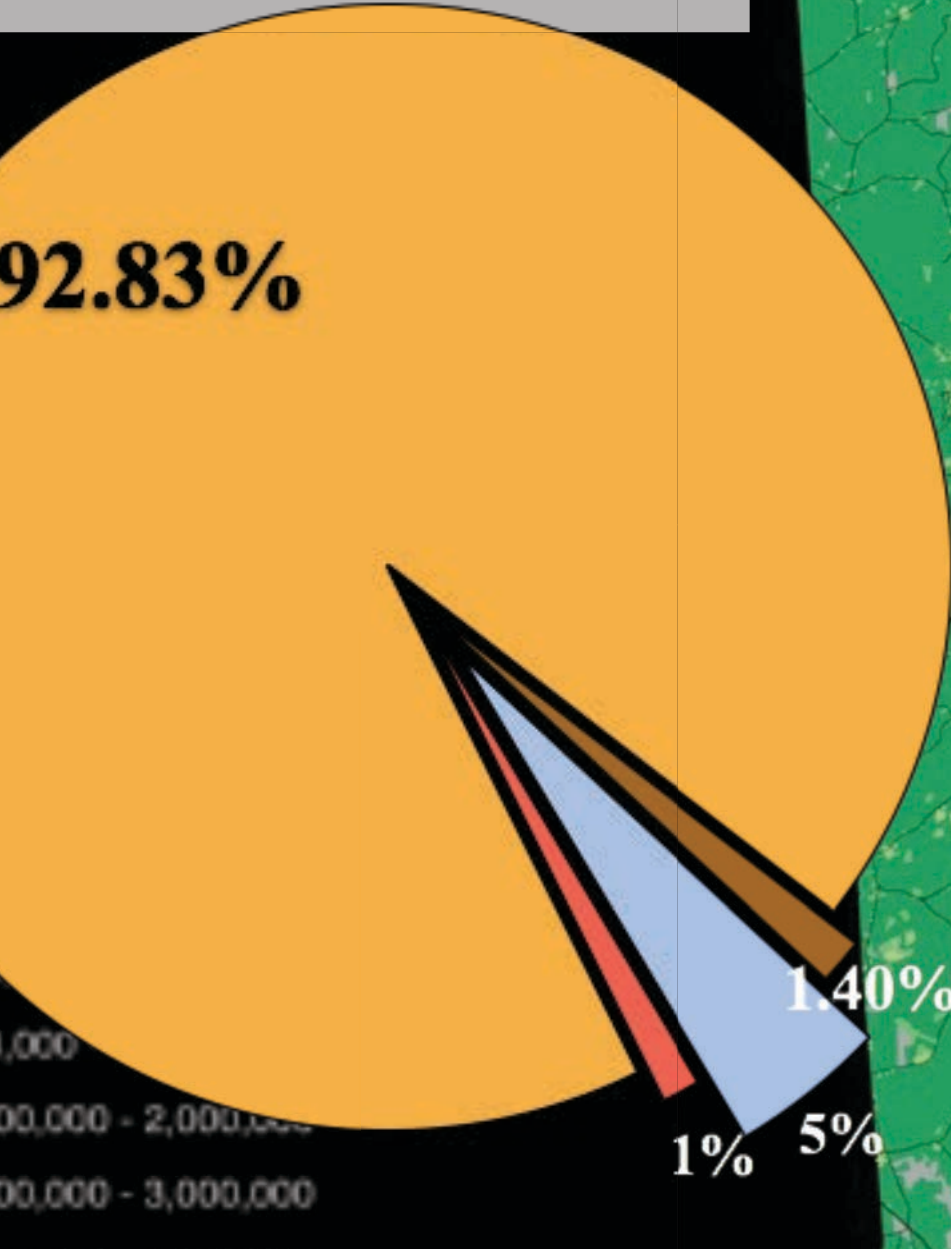
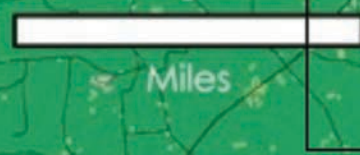


Miles

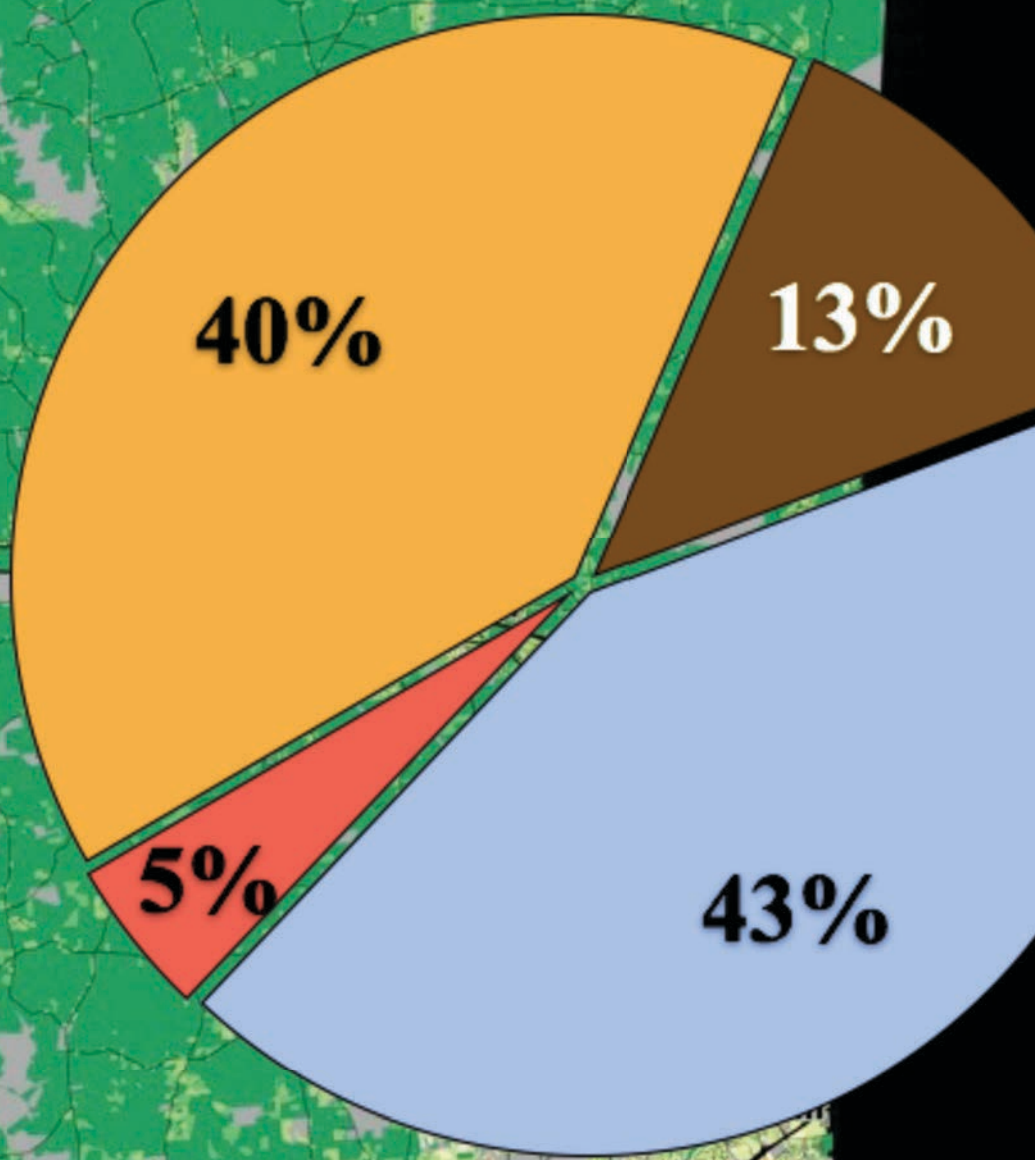


Orange County, NC

Total Value Per Acre



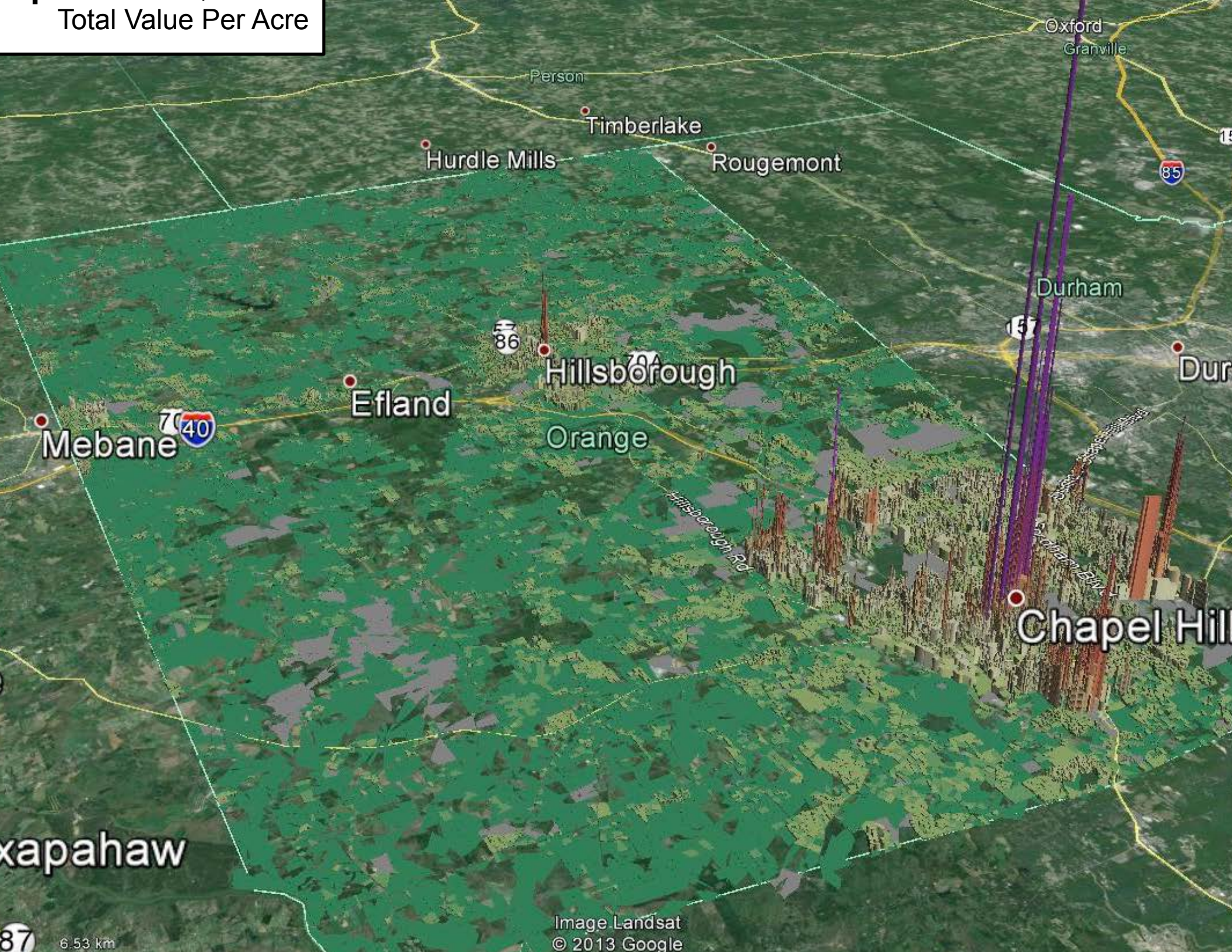
County Land Area



County Land Value

Orange County = \$14.9B

Total Value Per Acre



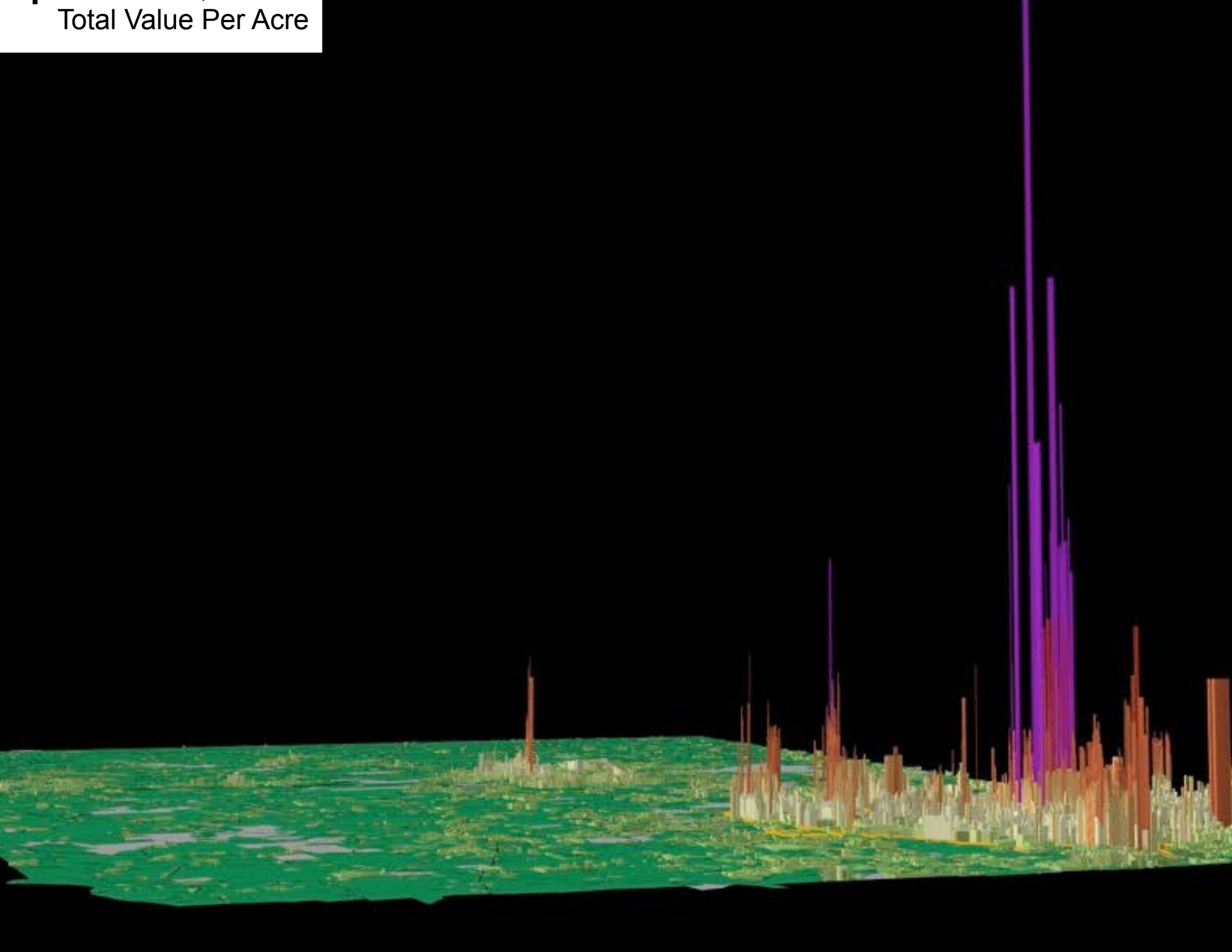
xapahaw

87

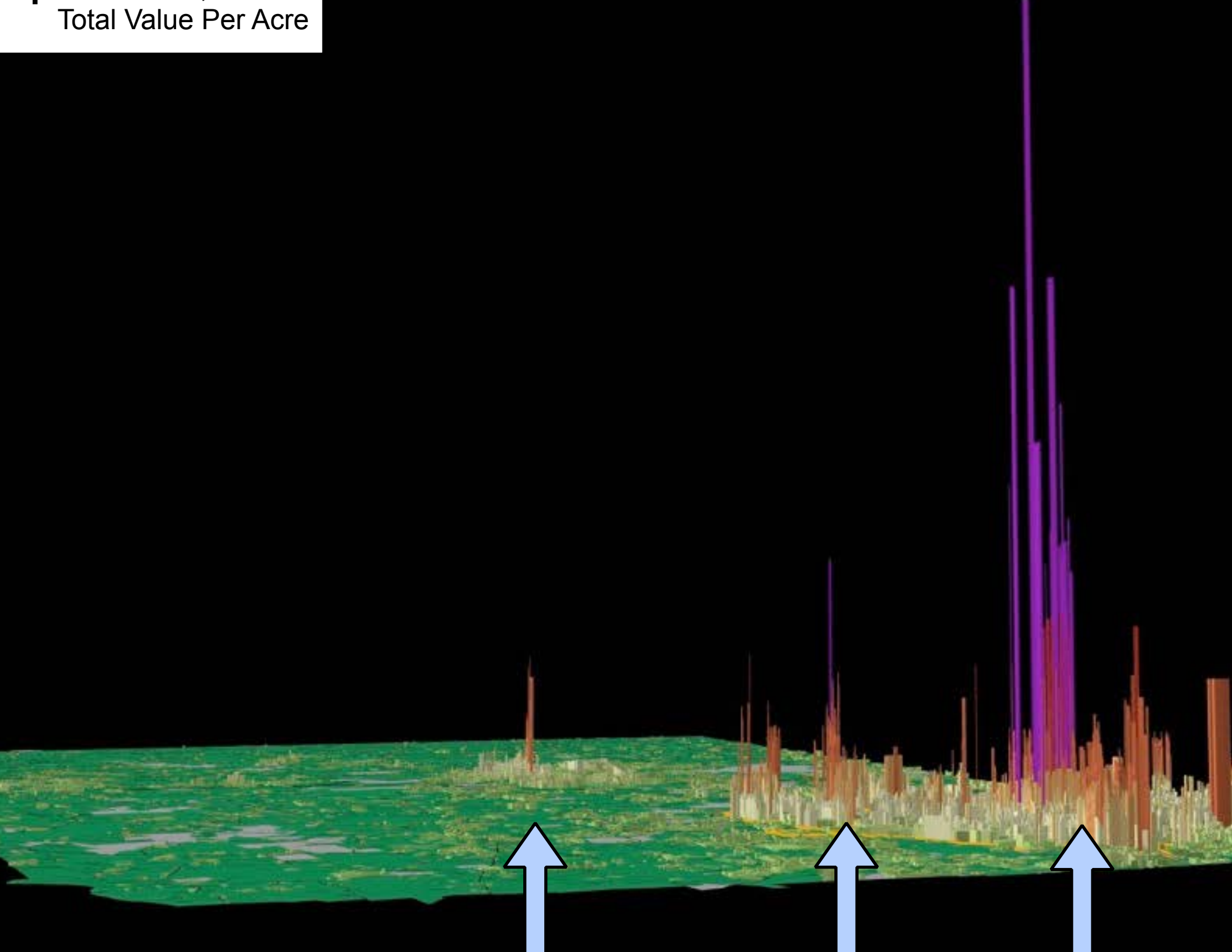
6.53 km

Image Landsat
© 2013 Google

Total Value Per Acre

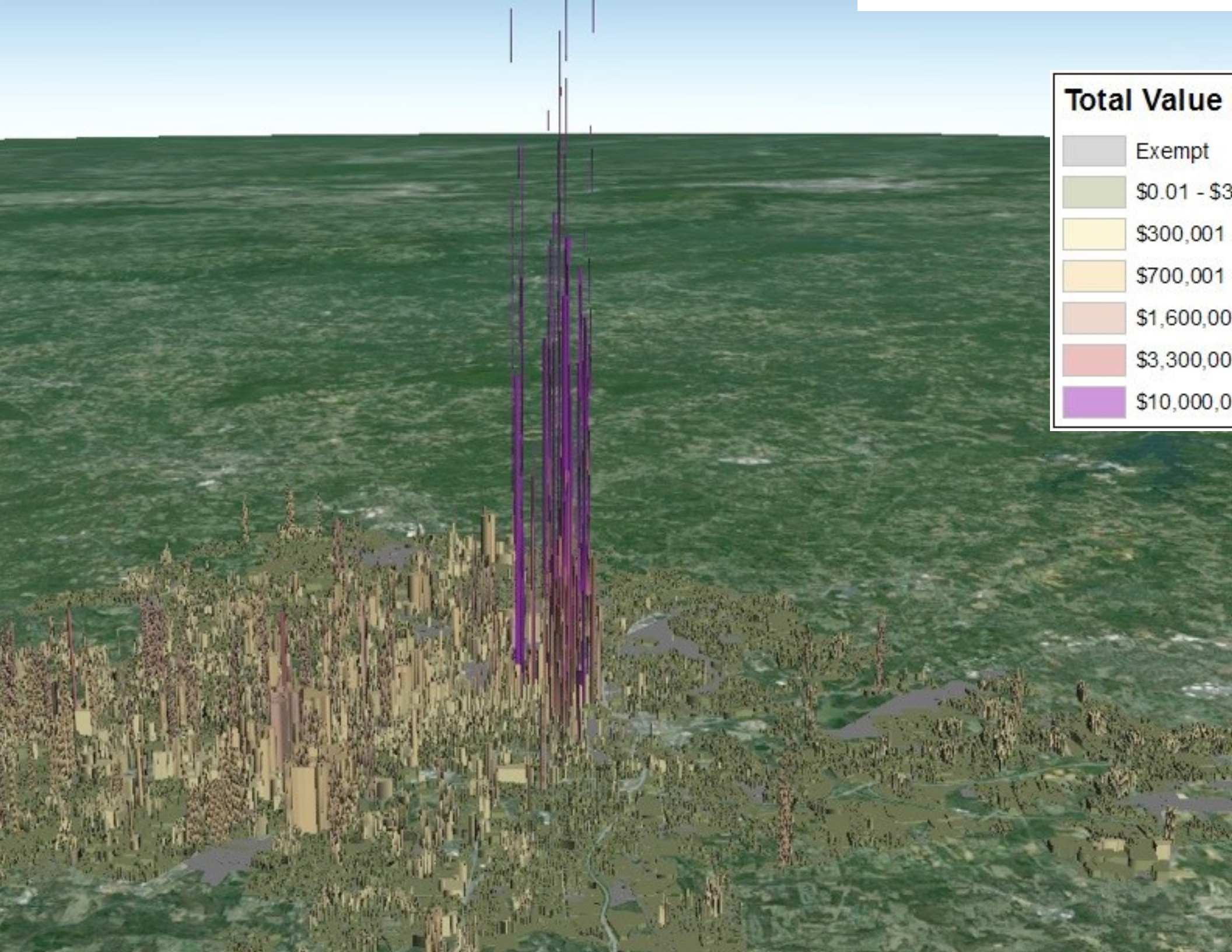


Total Value Per Acre



Greetings from





A Lasting Value





S Main St
3,091/acre

Old Wachovia Bank
\$22,509,981/acre





\$2.7M on 10.62



0.5 acres of the +145 year
612 Main in Old Salem, wo
equal the property taxes of t
acre Kmart.

Greetings
from

NASHVILLE

TENNESSEE





Single Family
Townhomes
Condos
Live Work
Retail / Office

Single Family

Townhomes

Single Family

Creek

Preserved Hillside

Parks

Parks

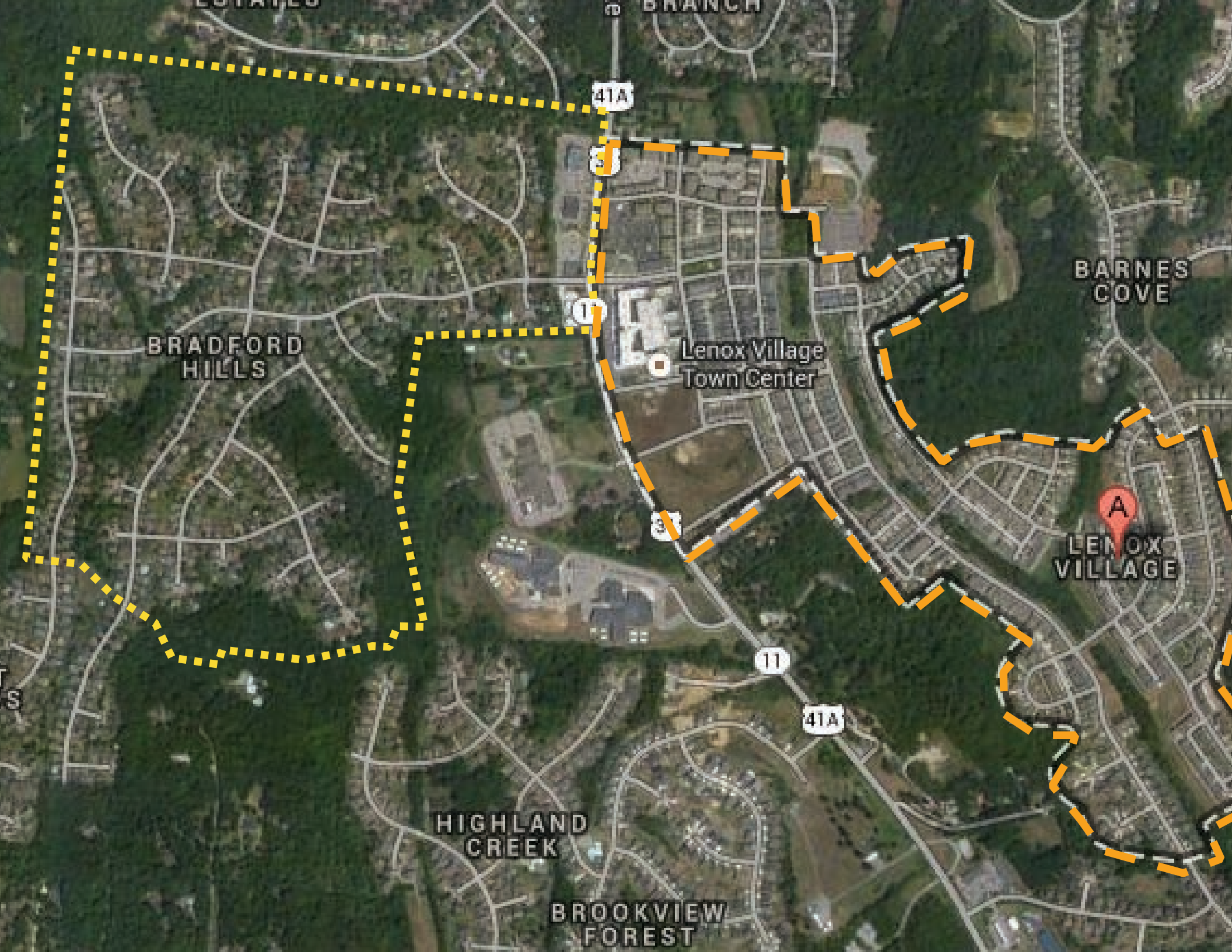
Live Work

Square

ation
ter

Restaurant

Nolensville Road



BRADFORD
HILLS

41A

10

10

Lenox Village
Town Center

BARNES
COVE

37

11

41A

A

LENOX
VILLAGE

HIGHLAND
CREEK

BROOKVIEW
FOREST

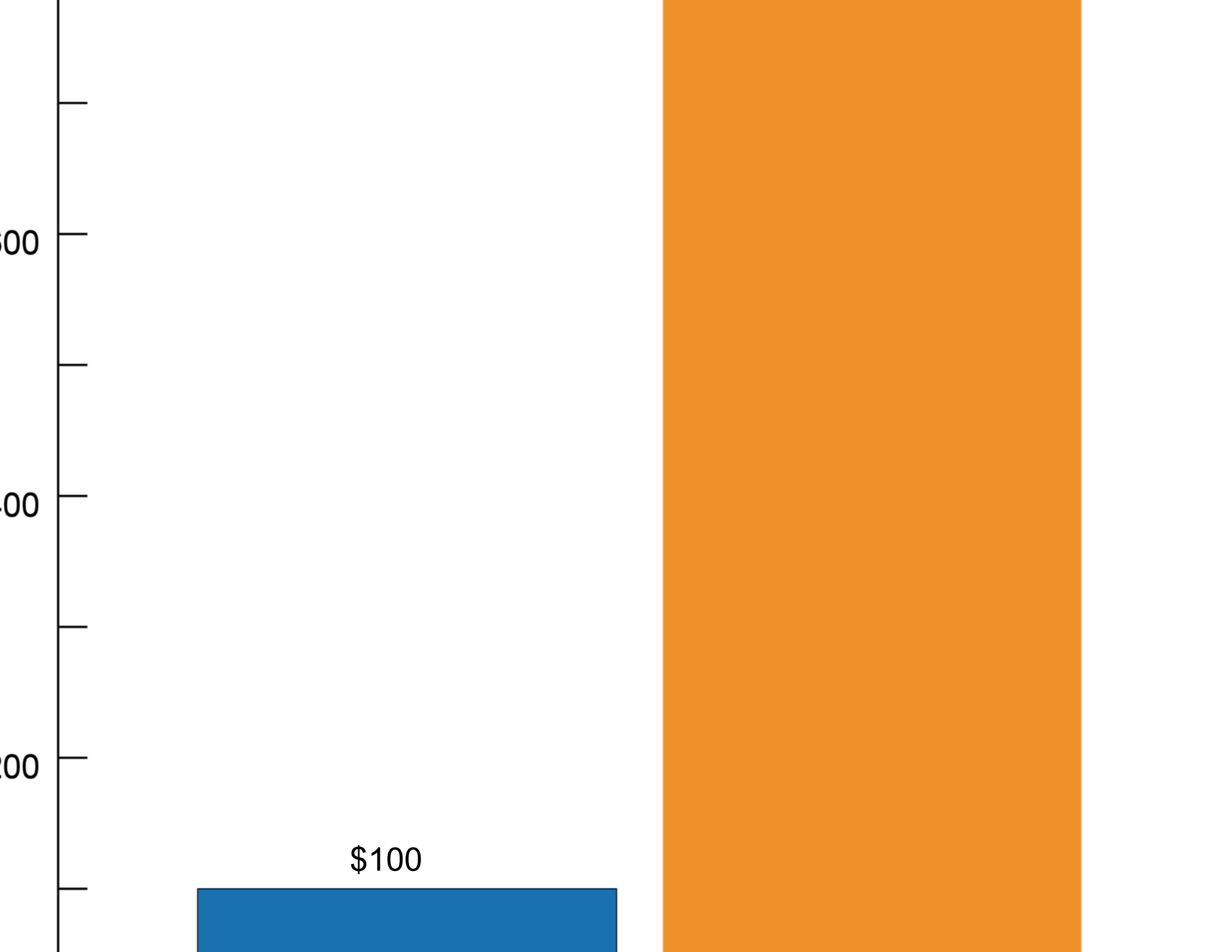
Get down here.

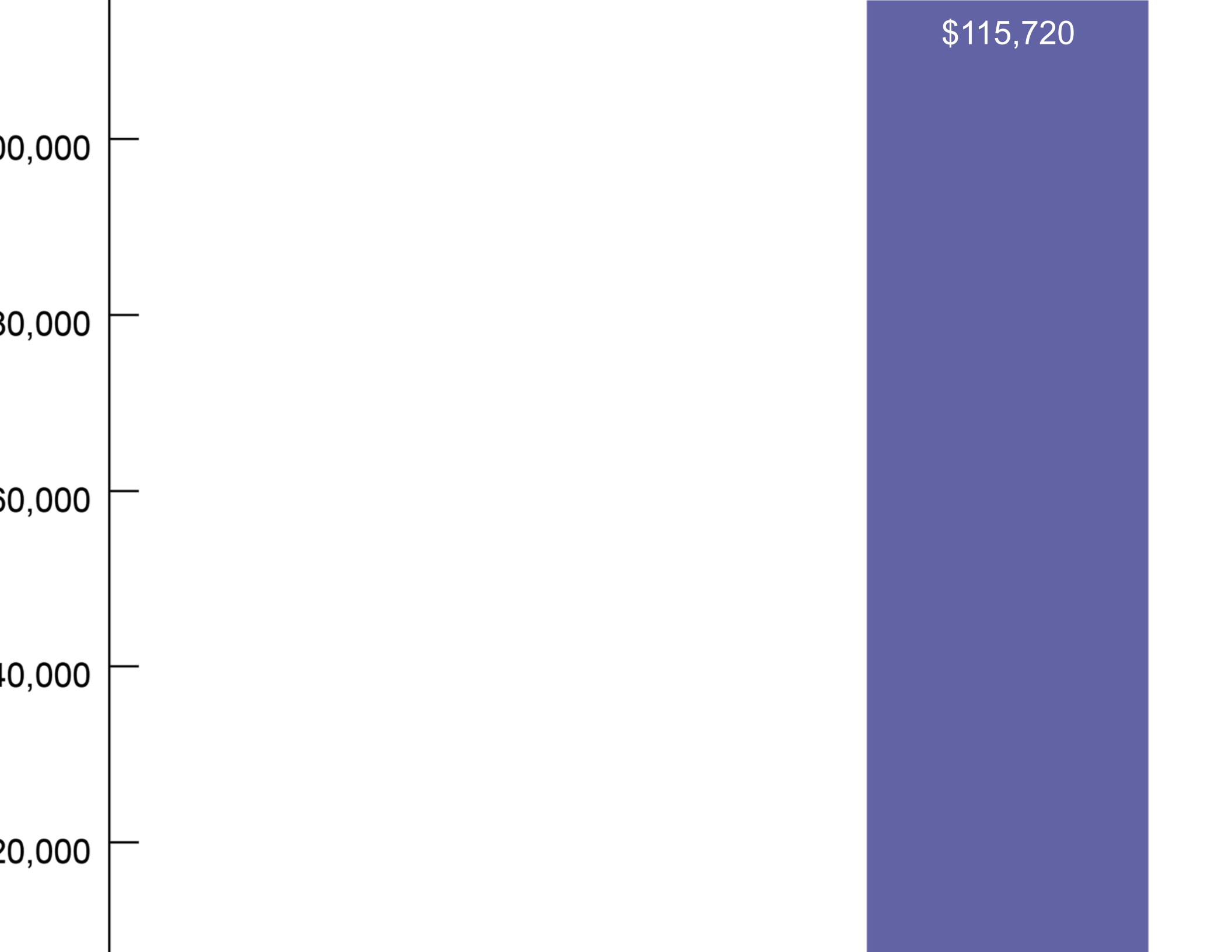
SEARCH

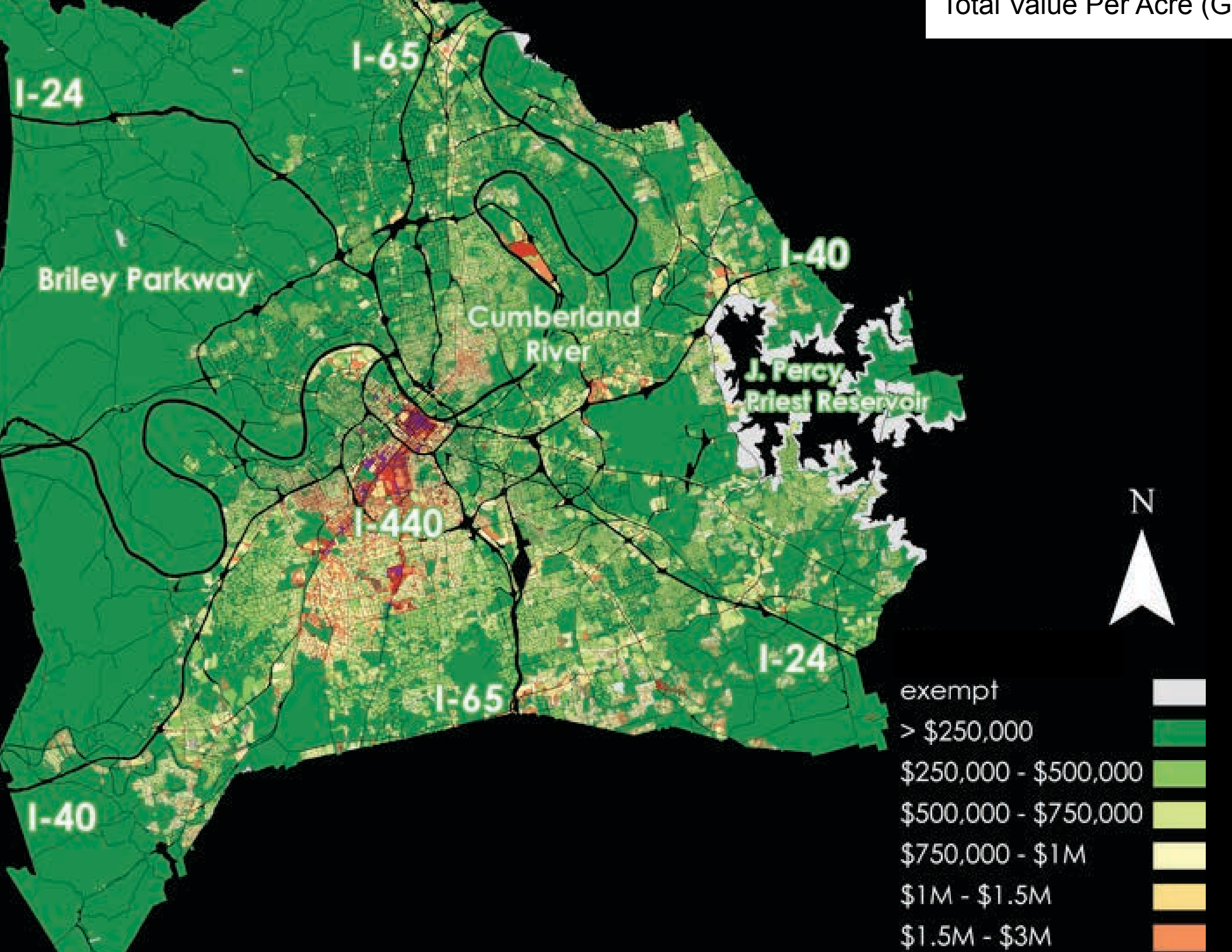


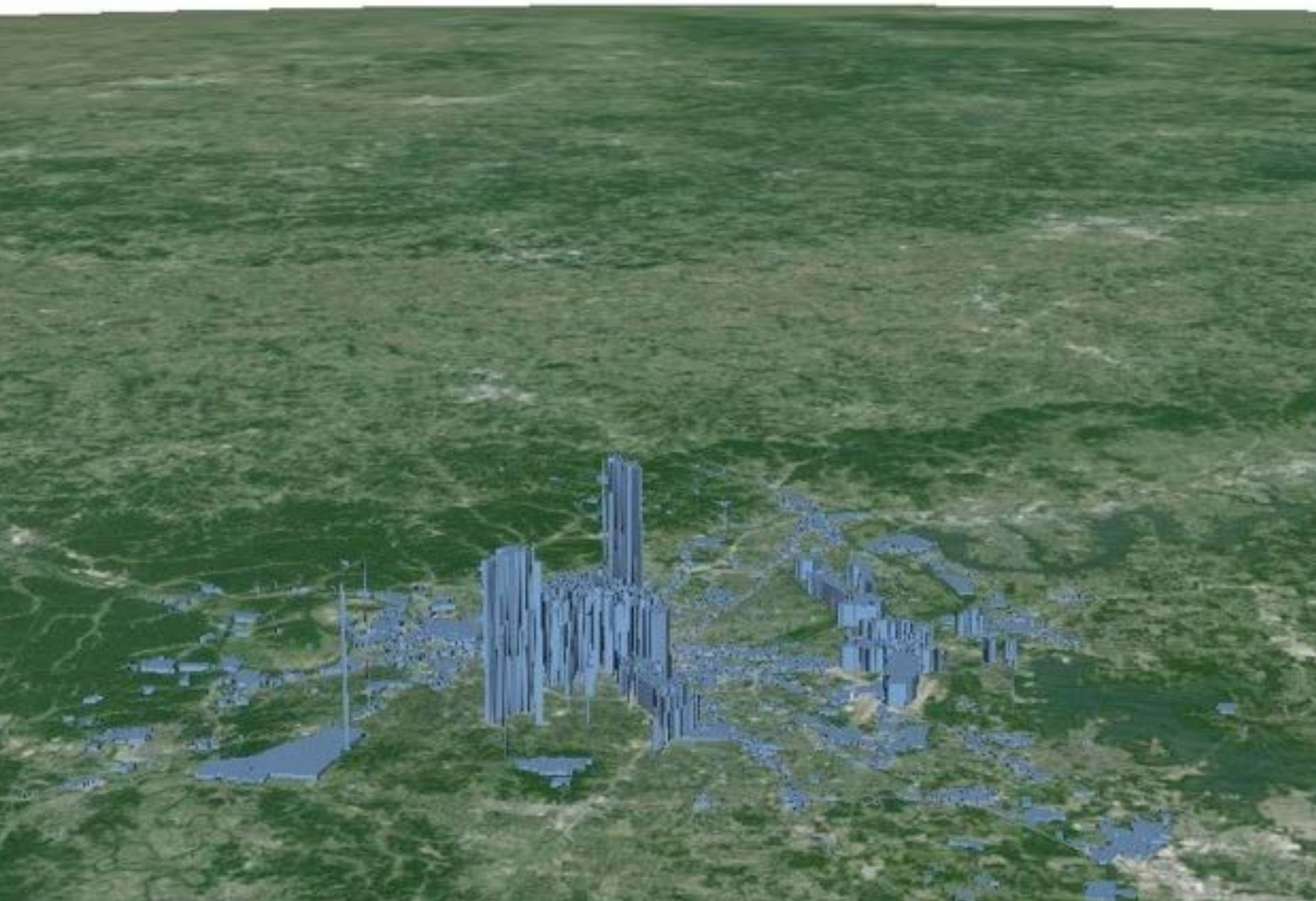
RUE

Nashville.

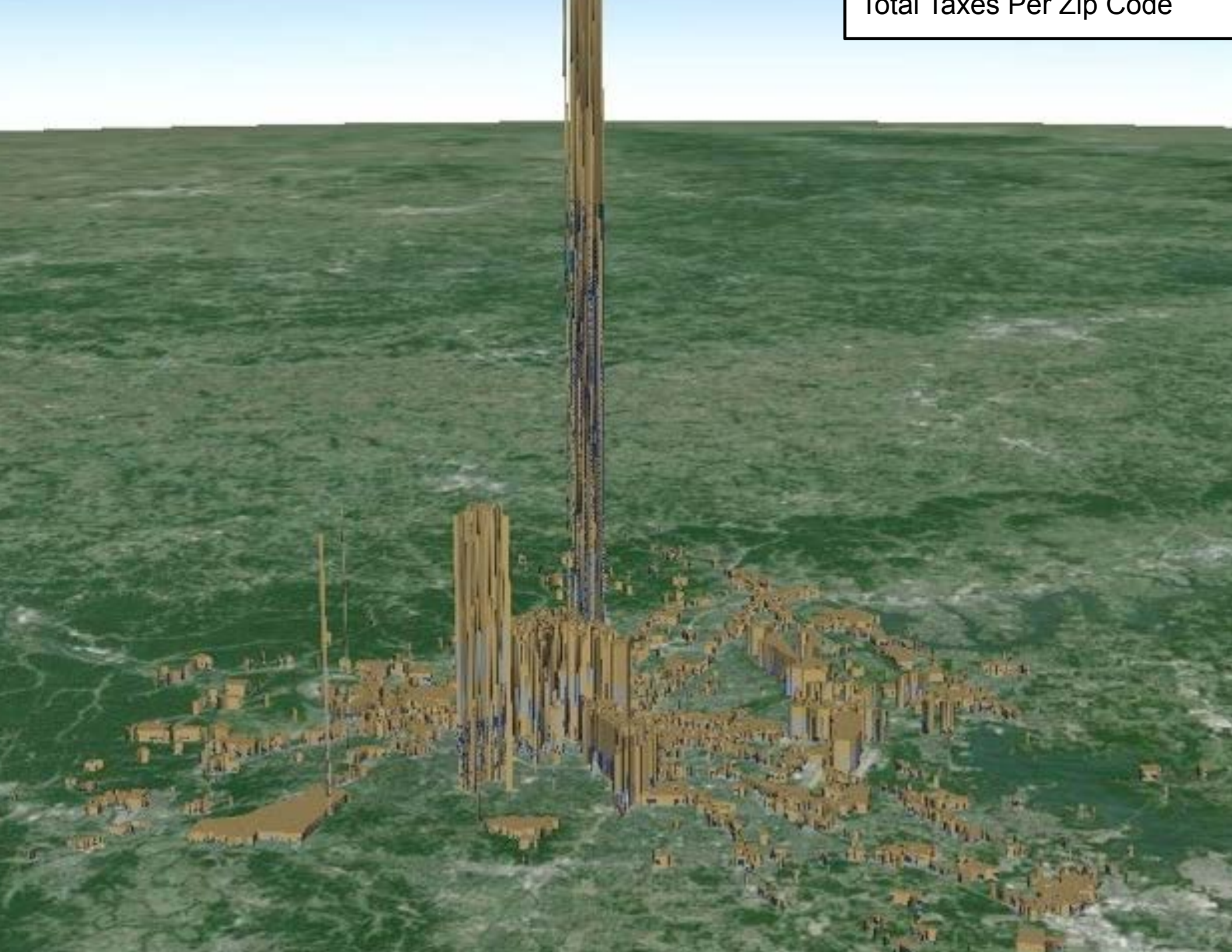


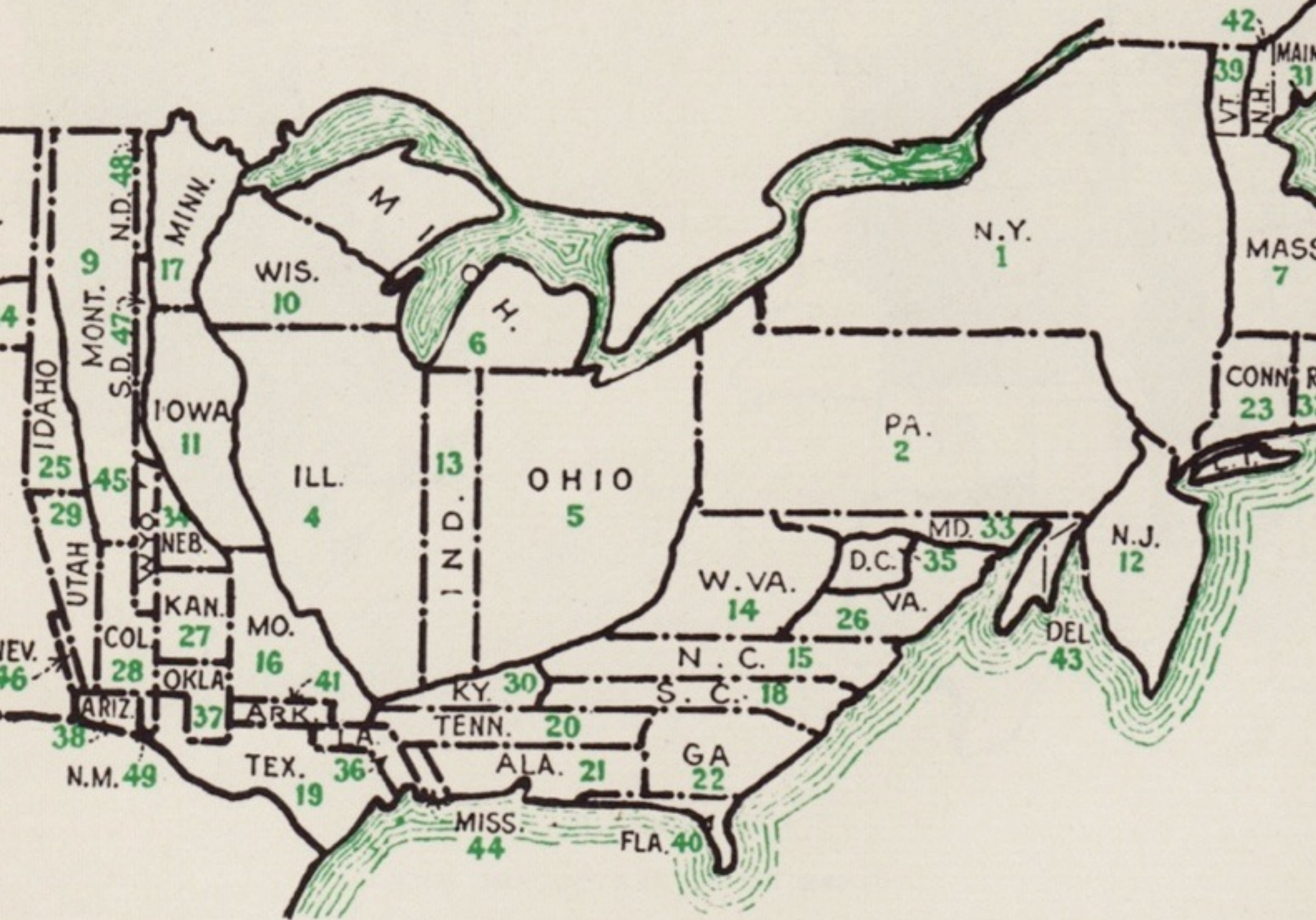




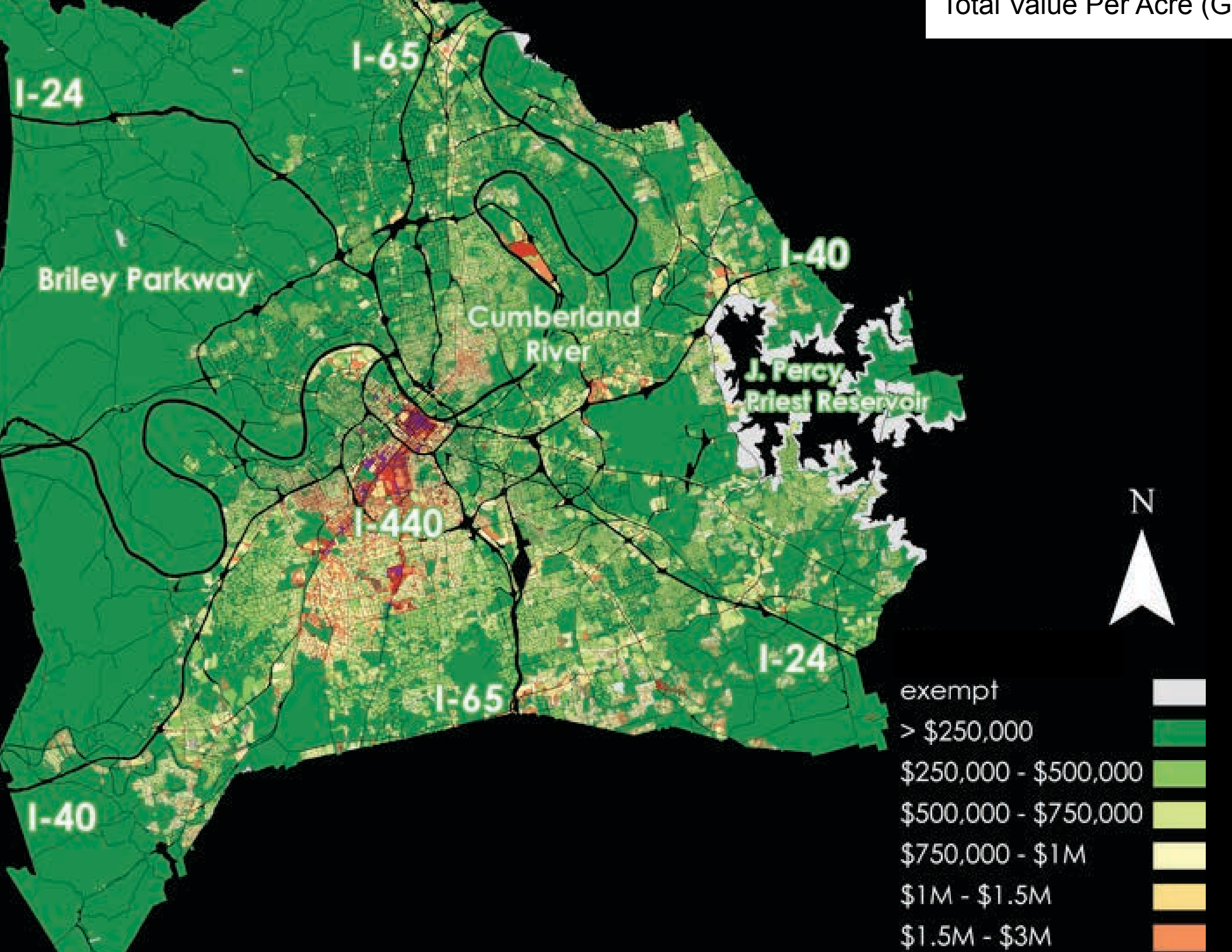


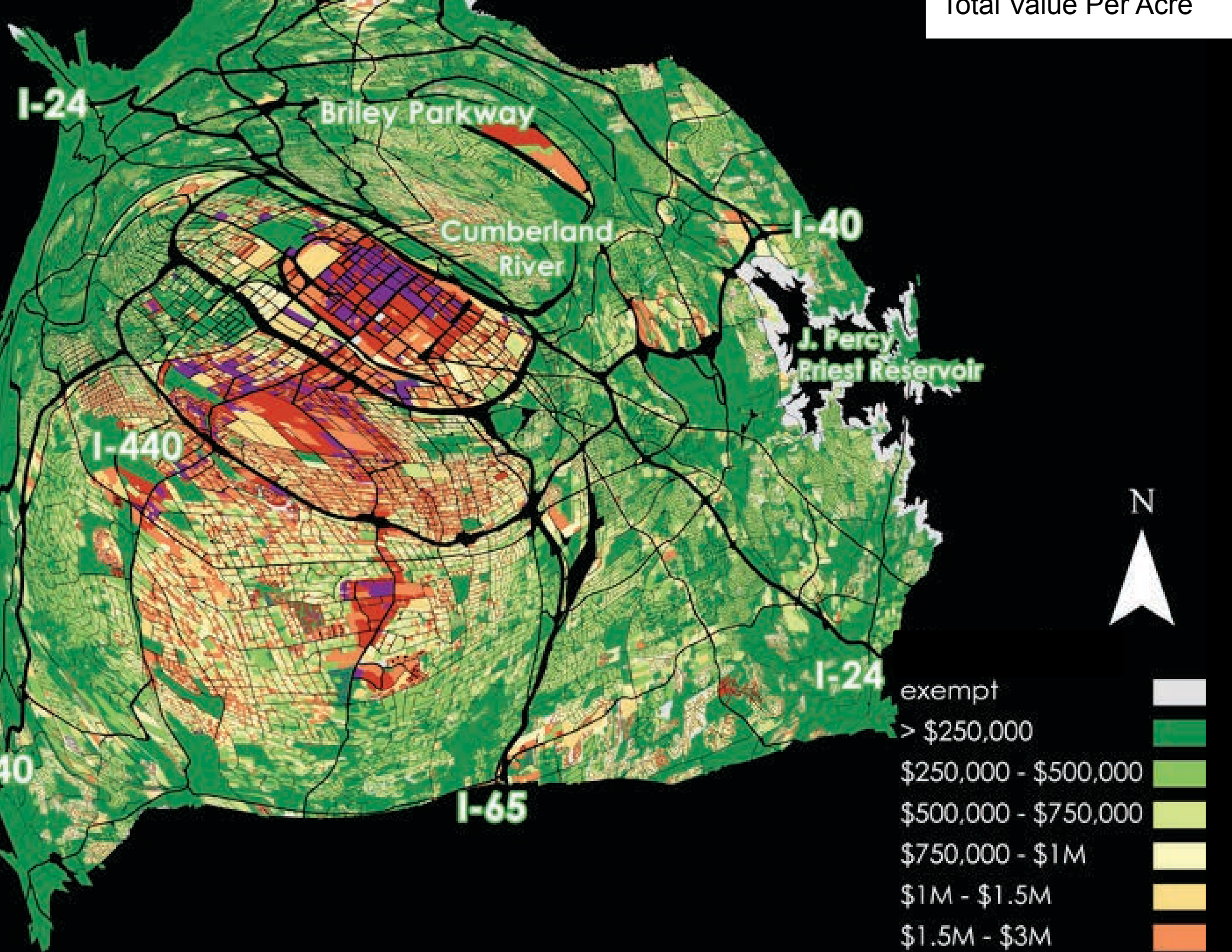


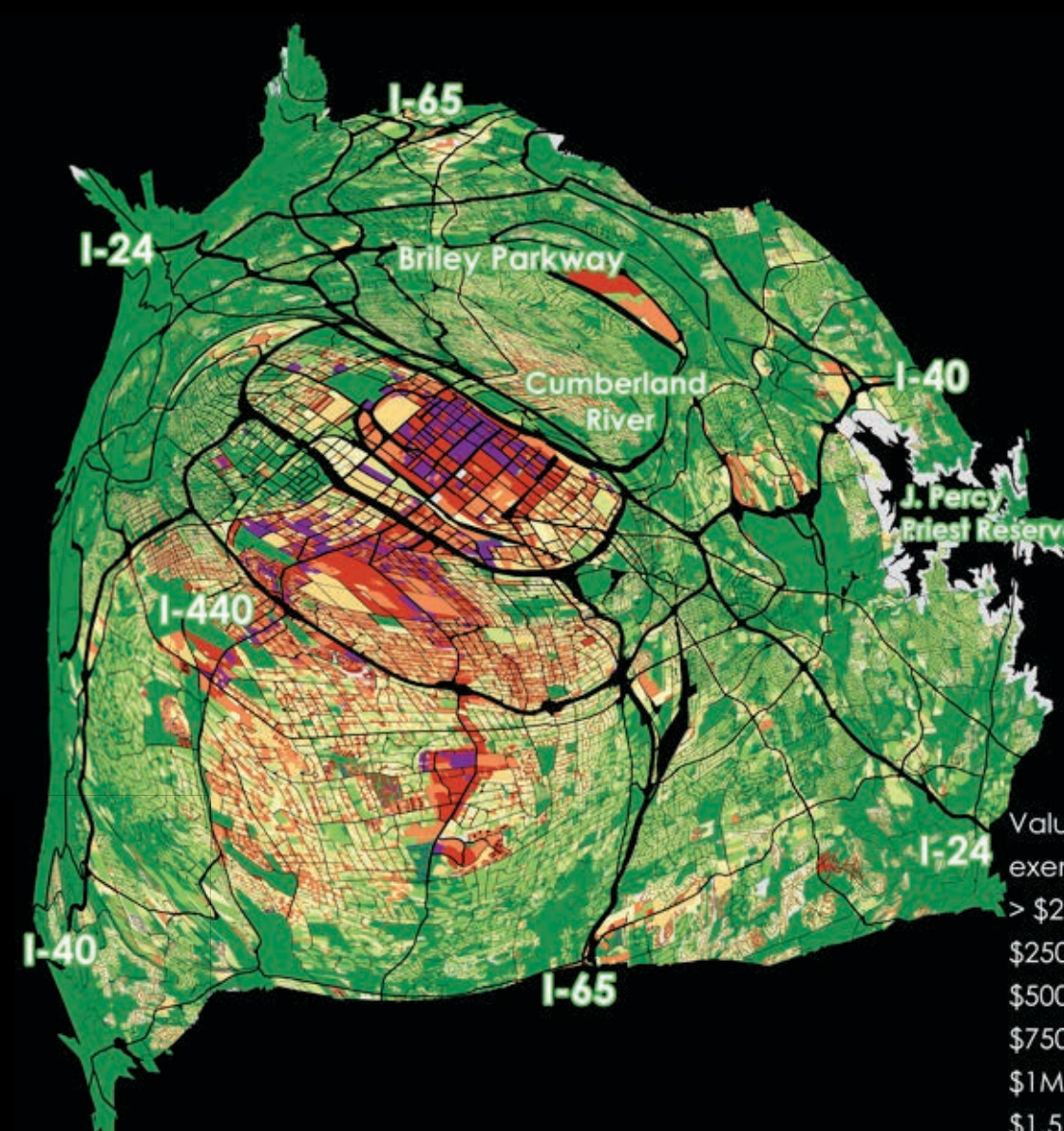




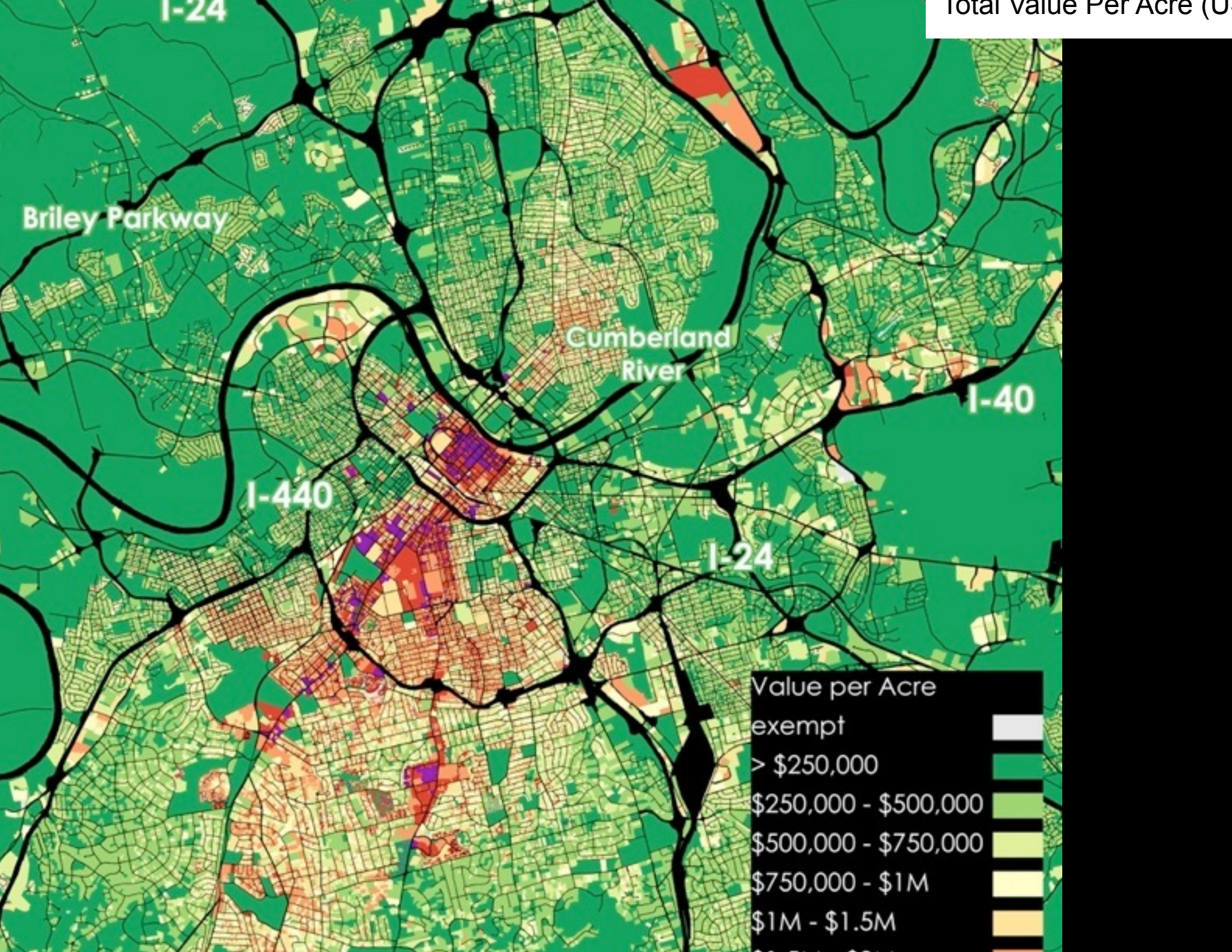
est, April 23, 1921.

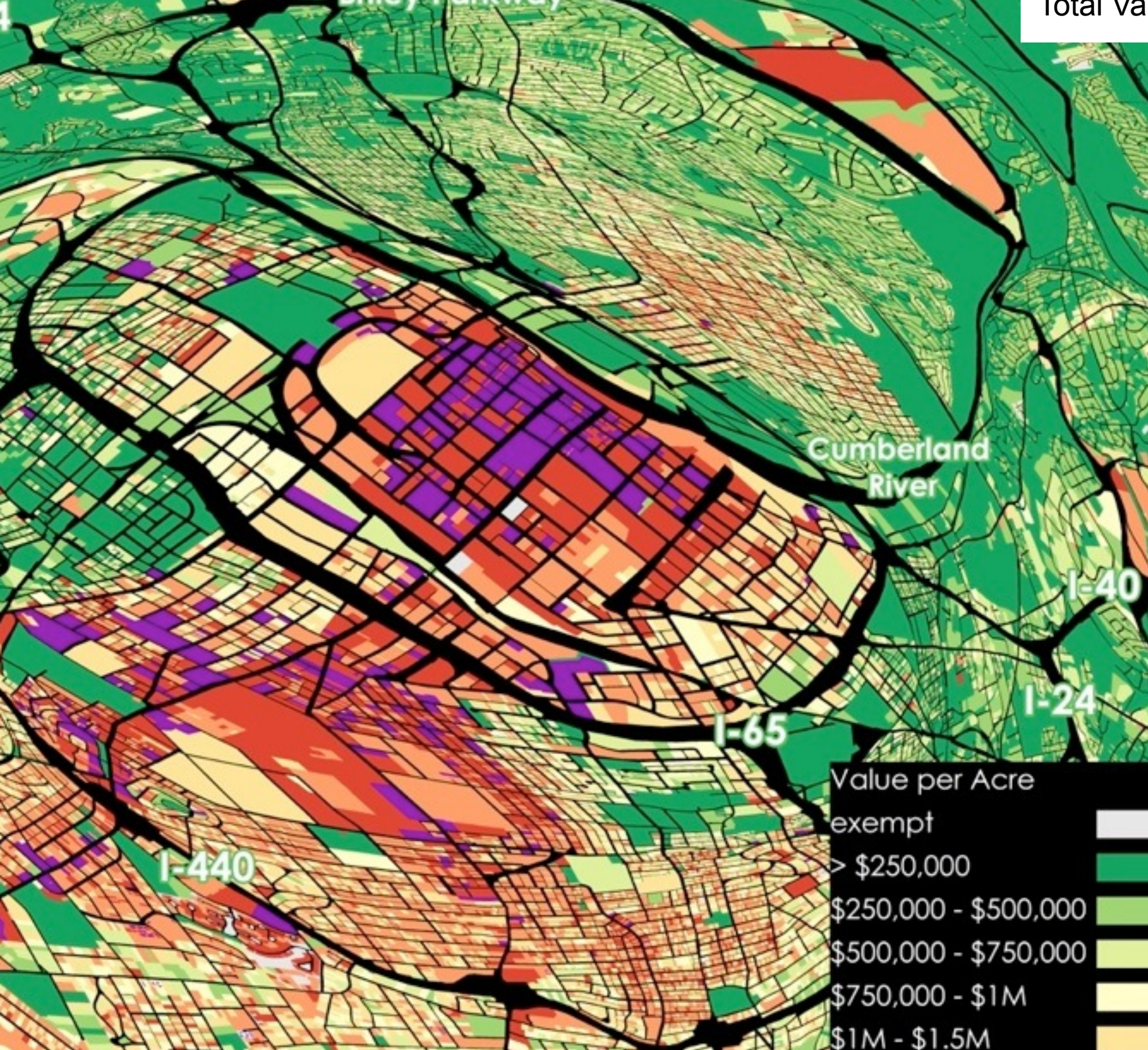


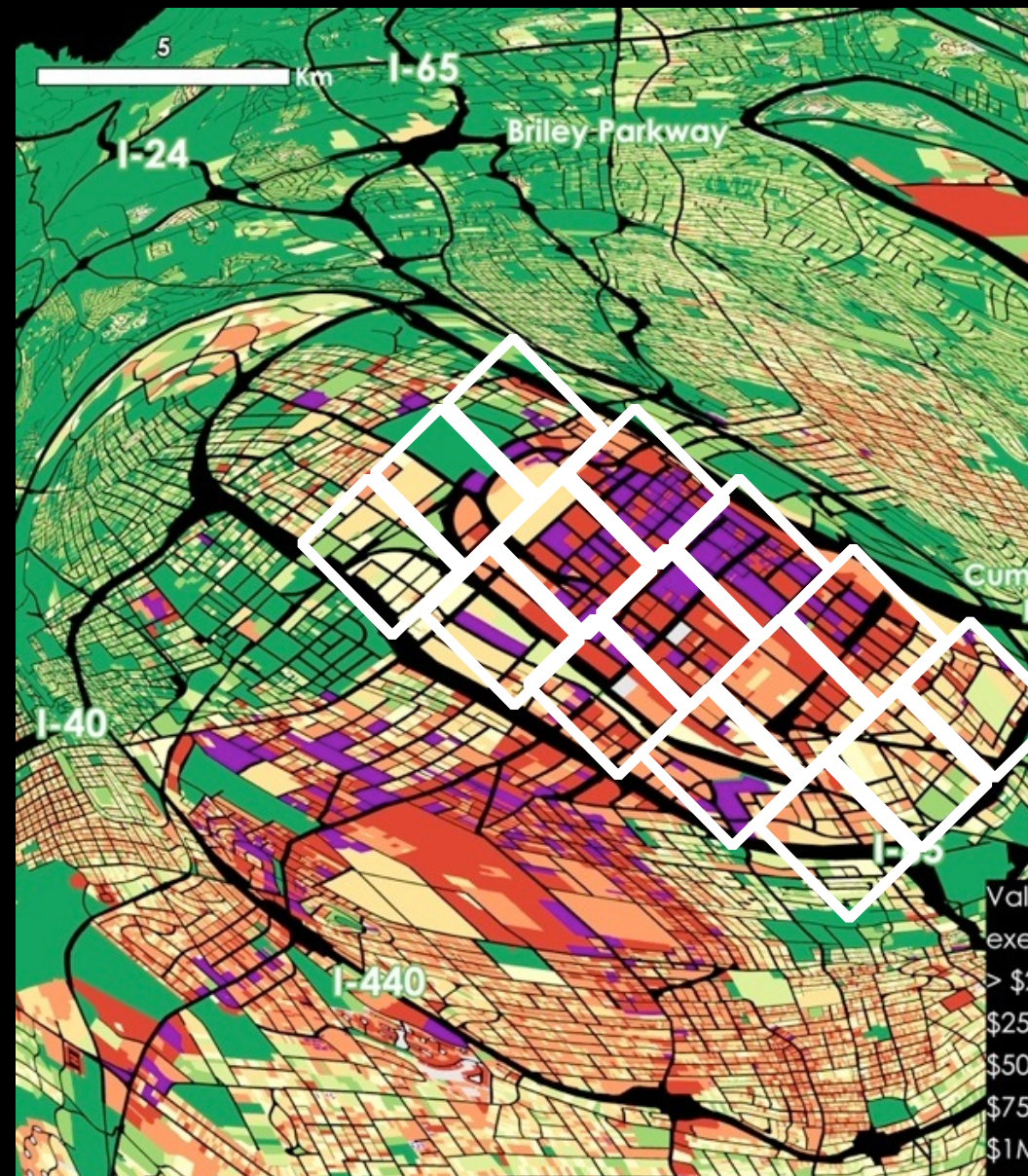
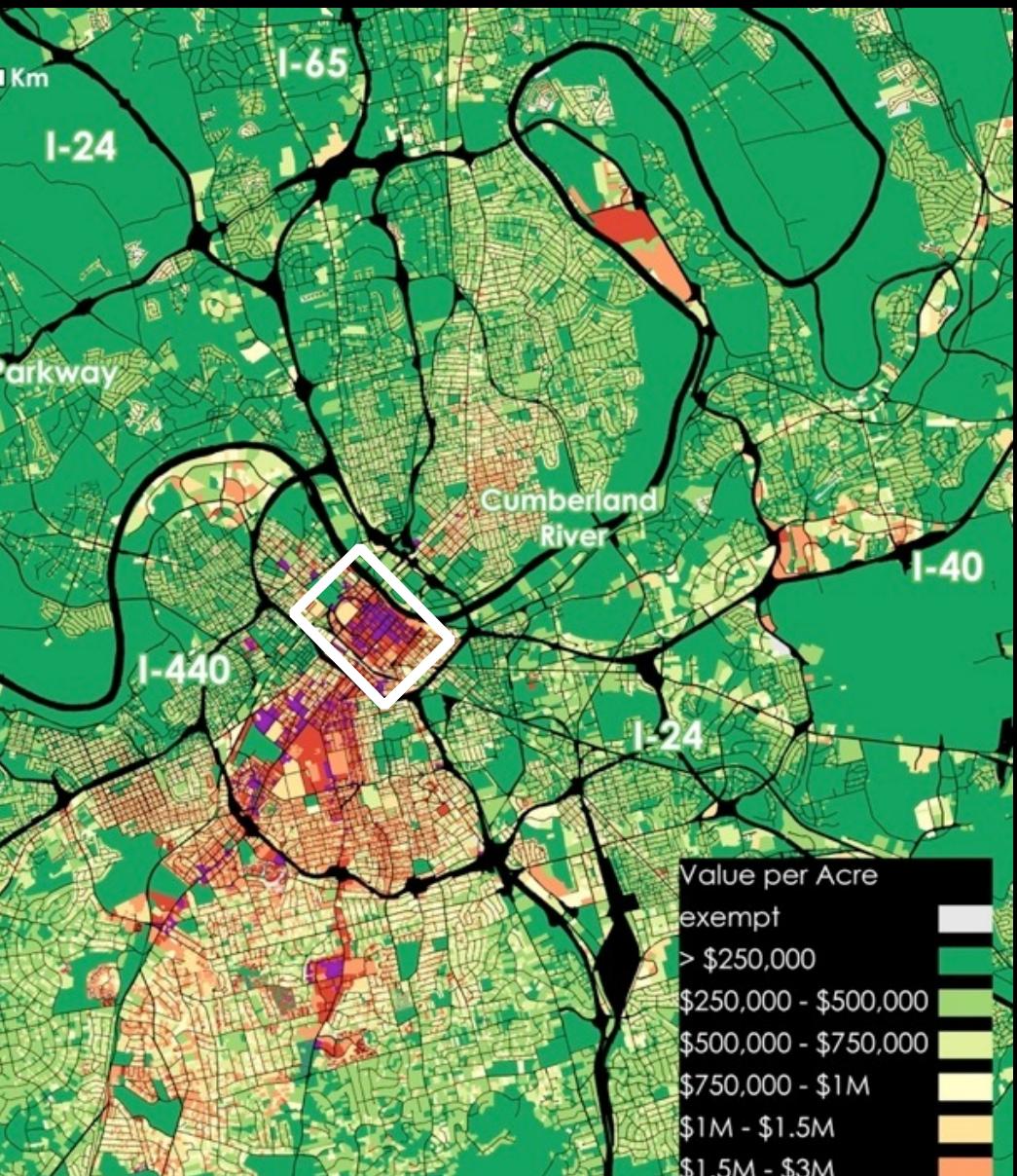




Value
exer
> \$2
\$250
\$500
\$750
\$1M
\$1.5
\$2







**ey Joe,
hat about
racuse?"**

**er if this will
Louisville?"**



County Taxes Per Acre

County Tax Per Acre

Exempt

< 500

500 - 1,000

\$1,000 - \$2,000

\$2,000 - \$4,000

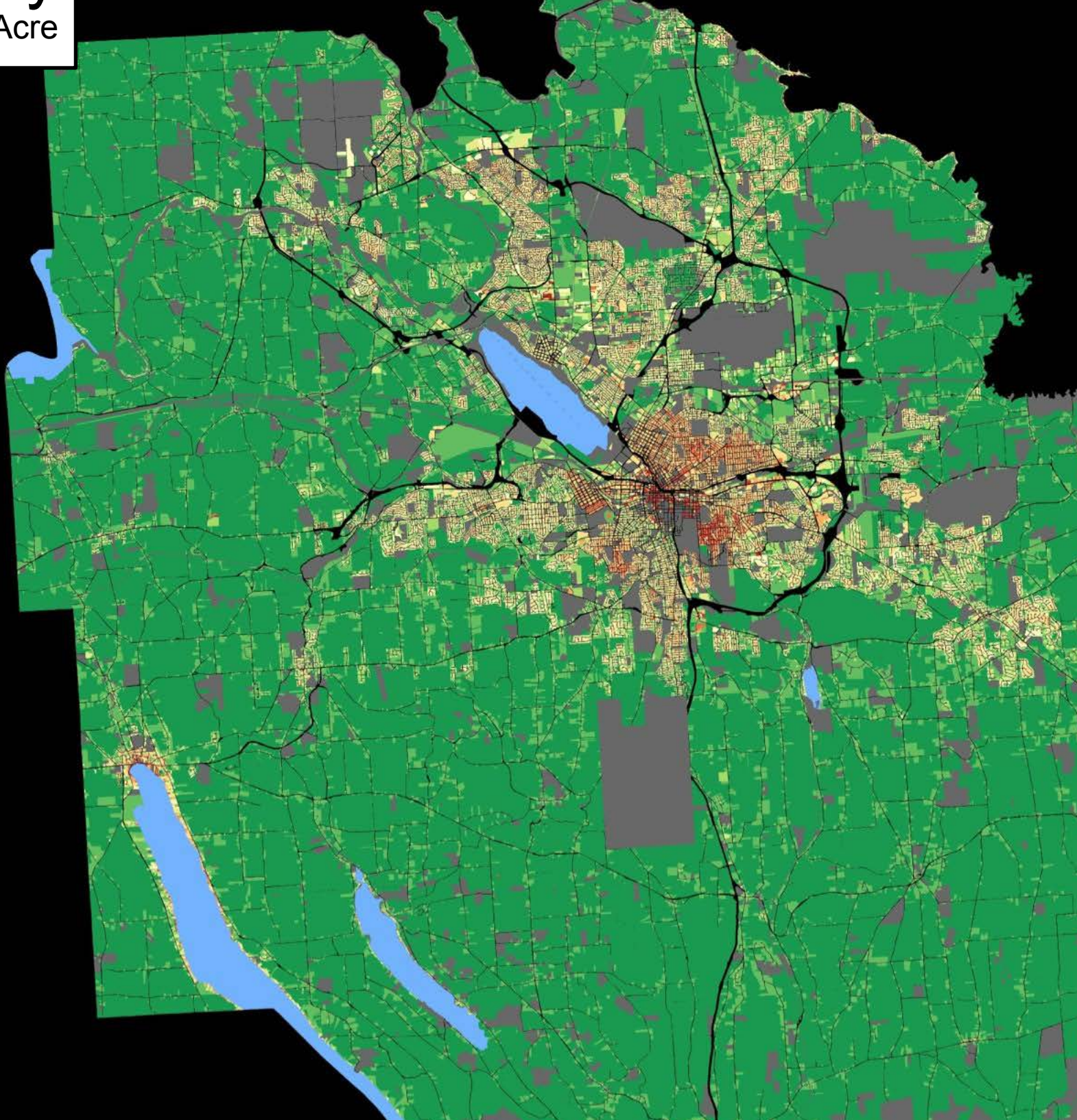
\$4,000 - \$6,000

\$6,000 - \$8,000

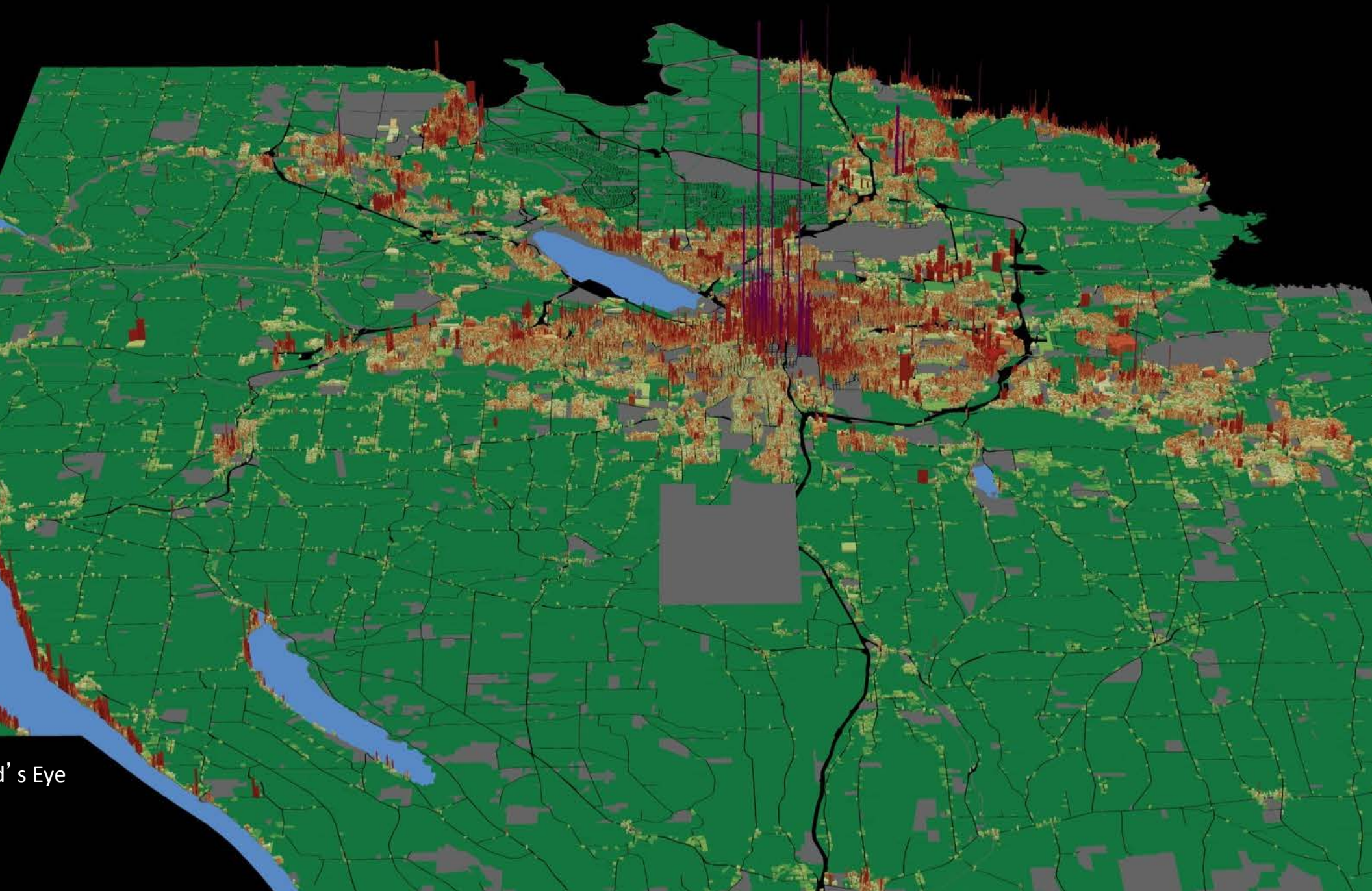
\$8,000 - \$10,000

\$10,000 - \$20,000

\$20,000 - \$50,000



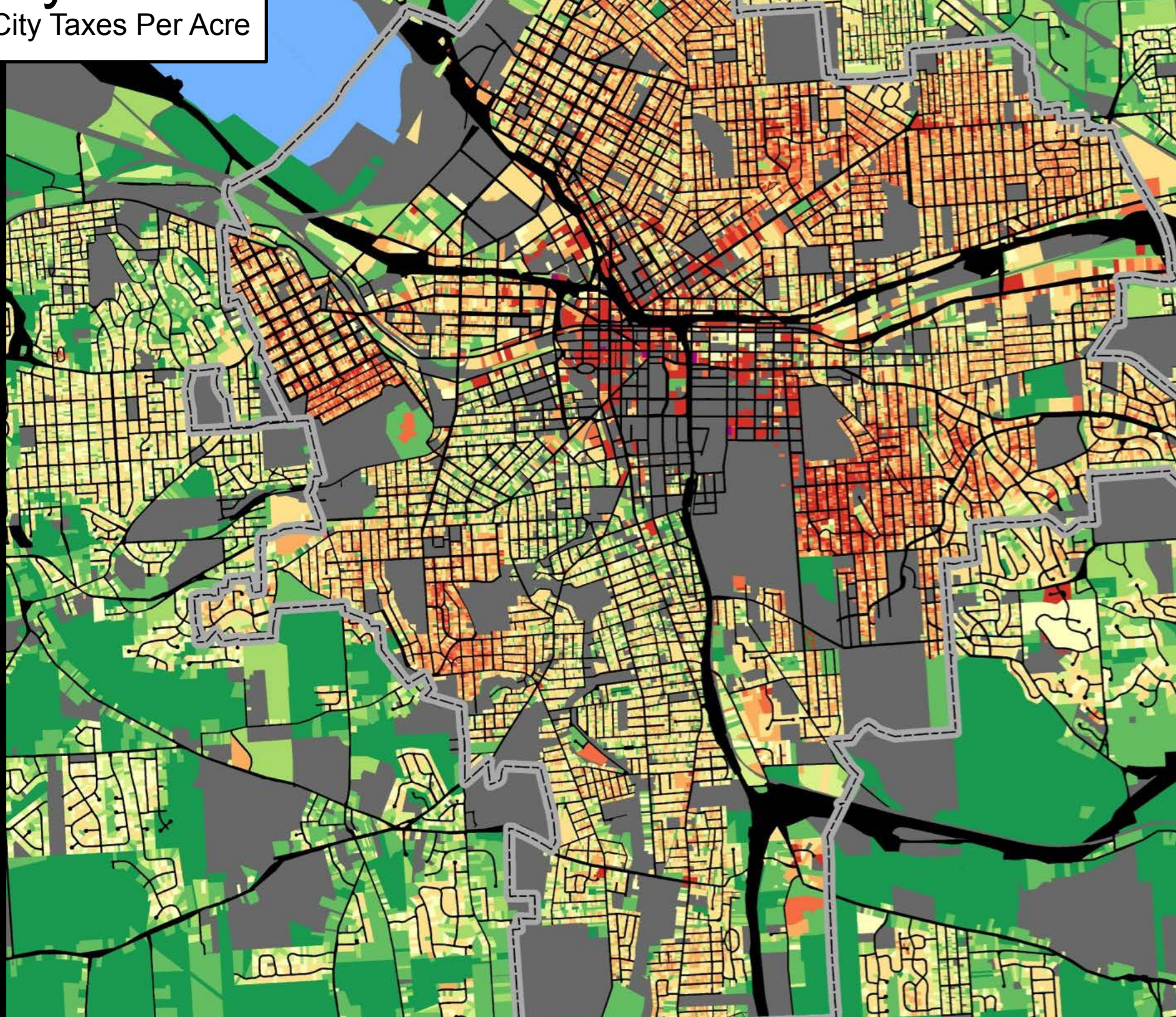
Total Value Per Acre



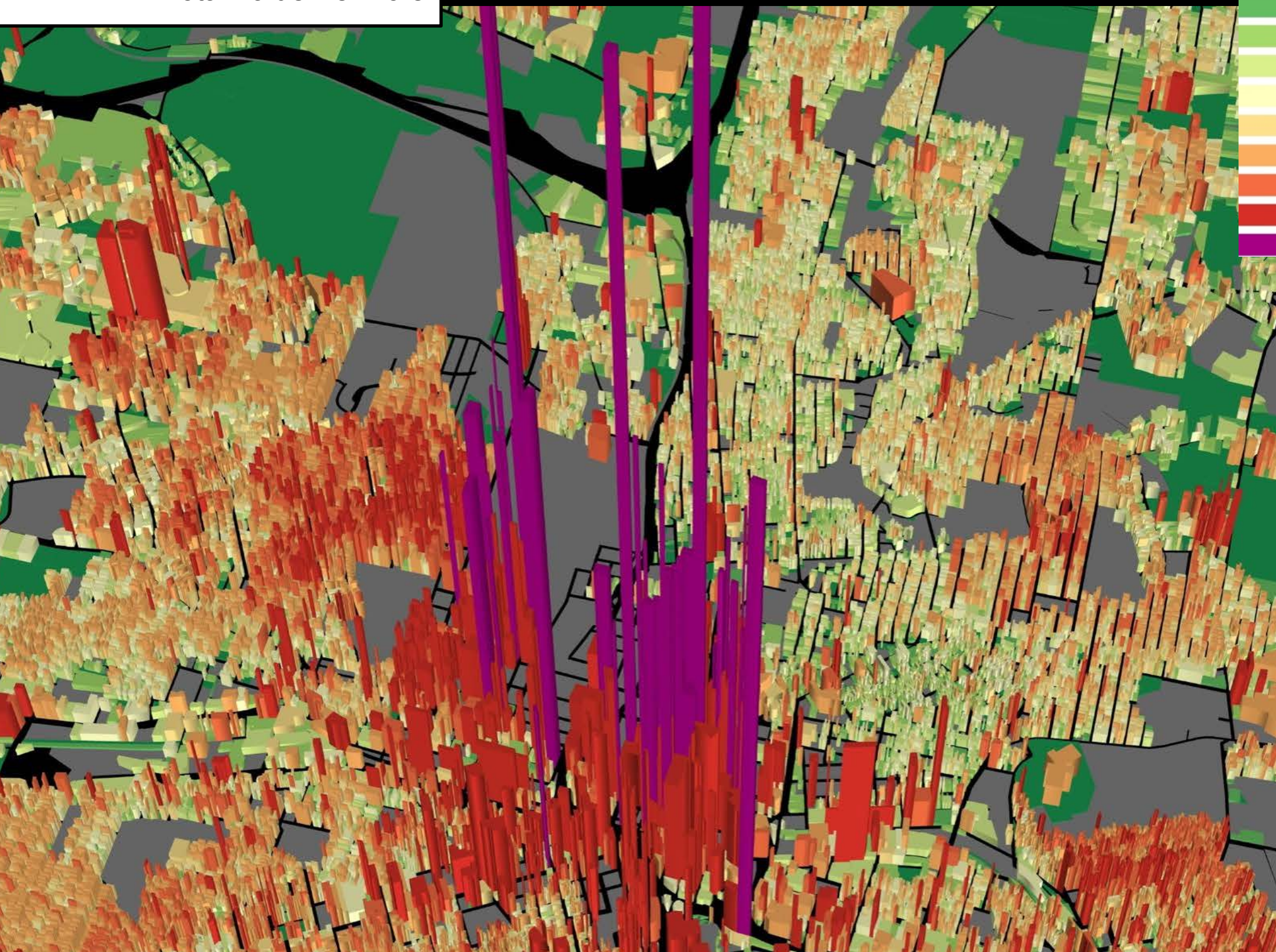
's Eye

City Taxes Per Acre

x Per Acre
mpt
0
- 1,000
00 - \$2,000
00 - \$4,000
00 - \$6,000
00 - \$8,000
00 - \$10,000
000 - \$20,000

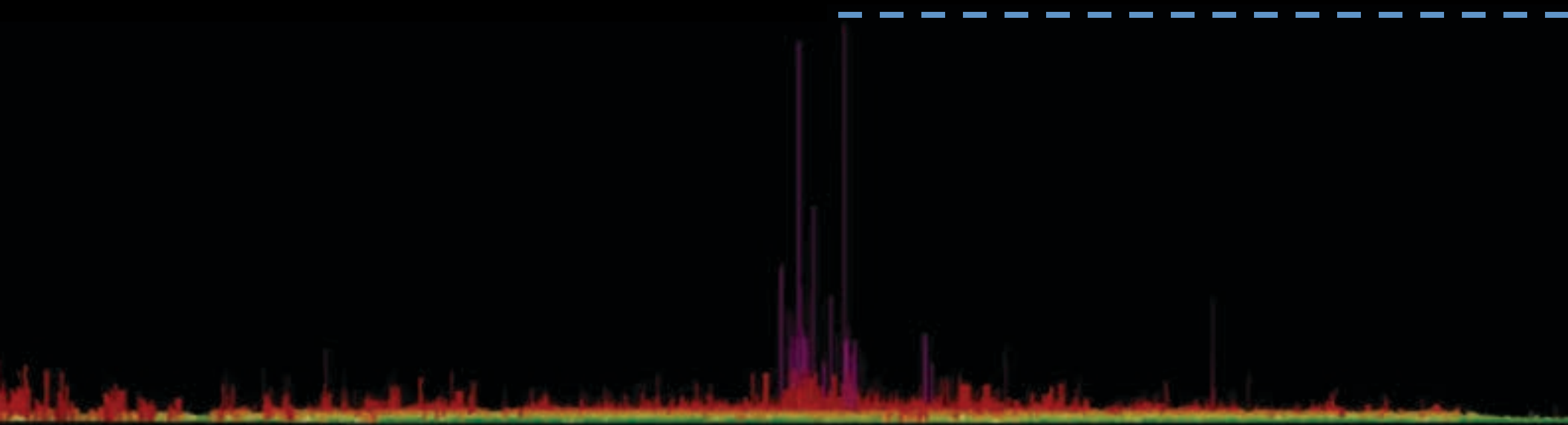


Total Value Per Acre



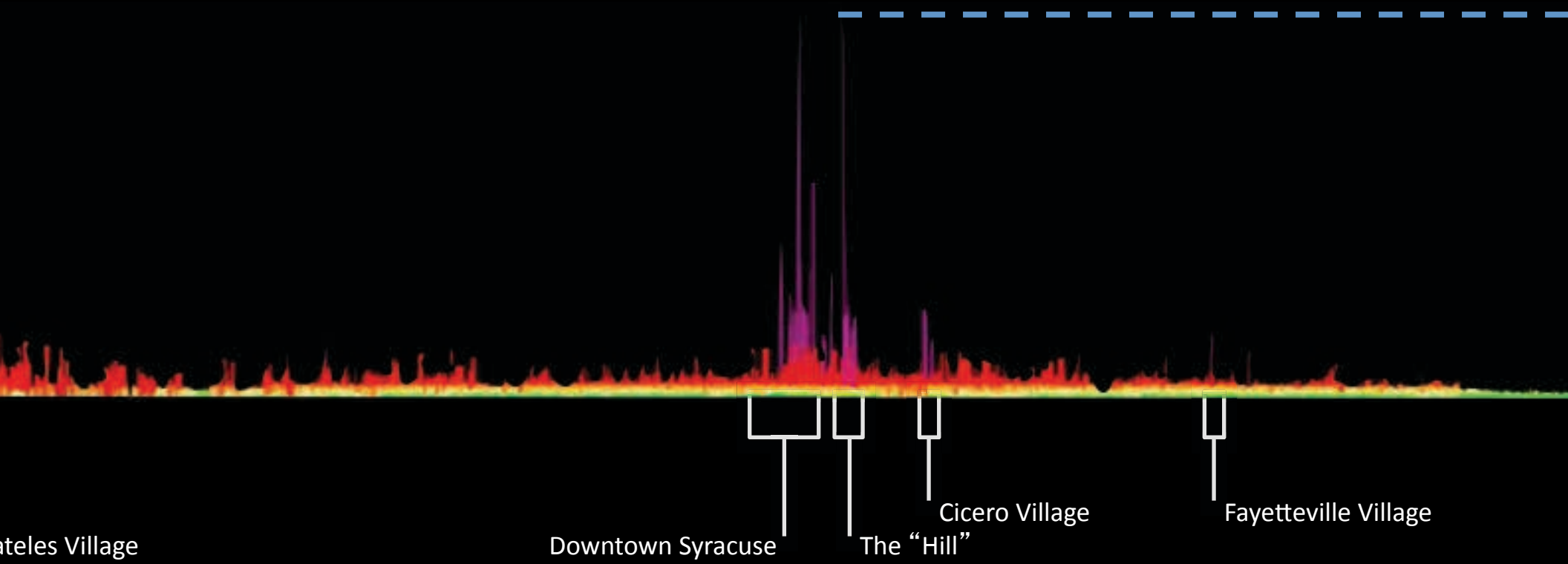
Onondaga County

Value Per Acre (Model Side View)

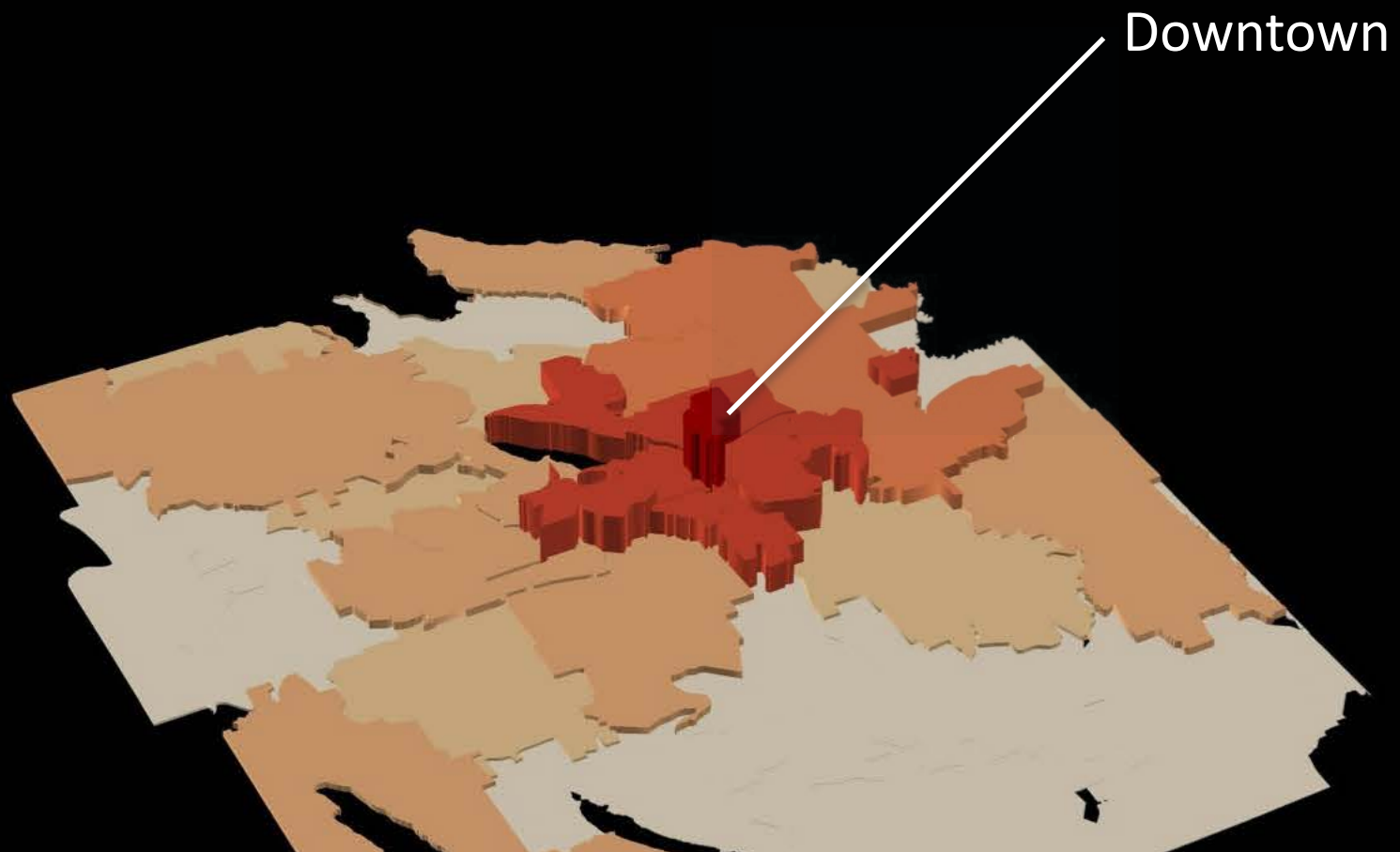
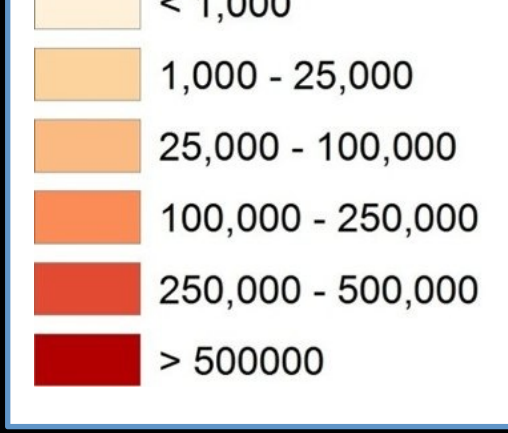


Onondaga County

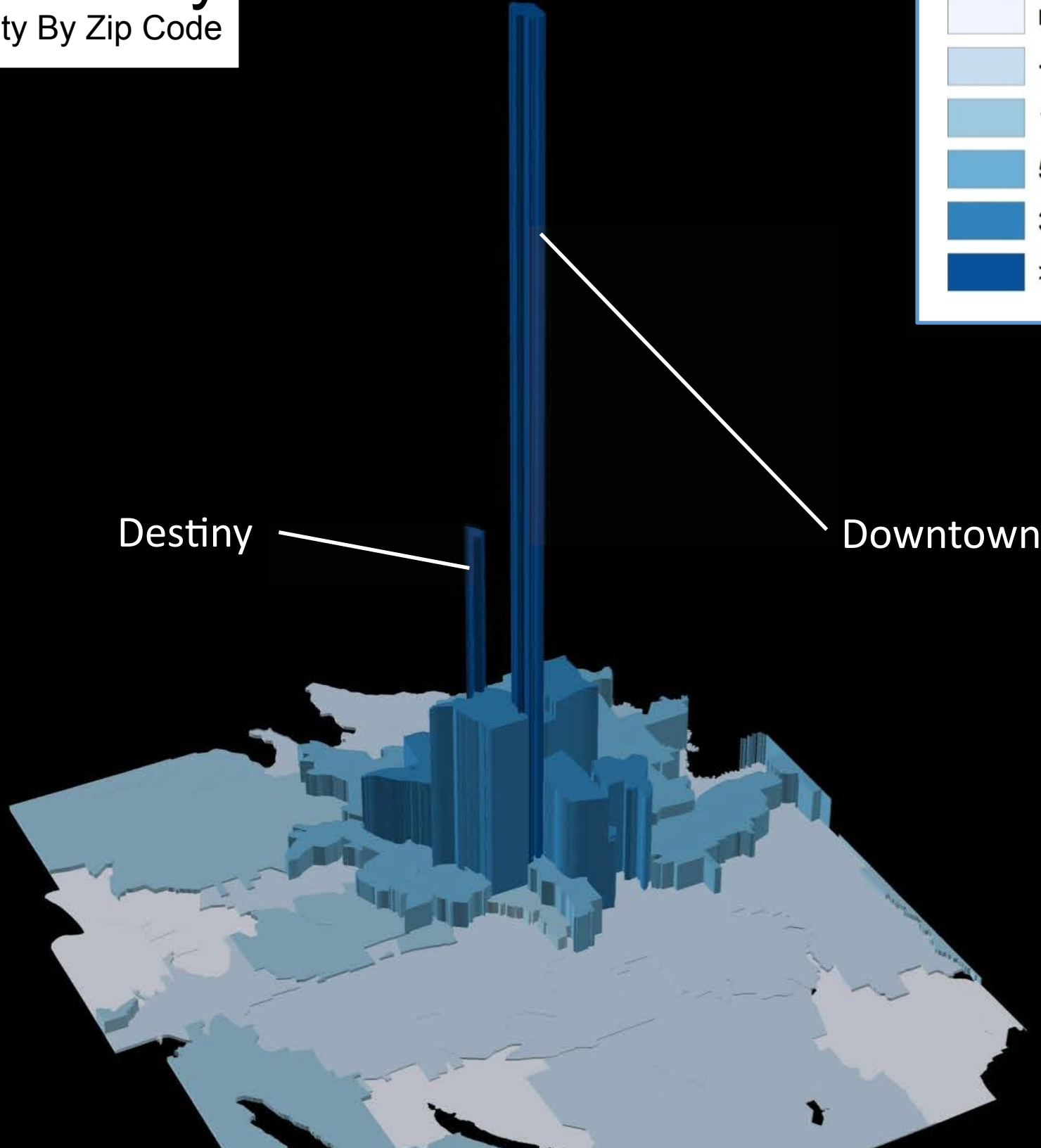
Value Per Acre (Model Side View)



Property Tax Density By Zip Code



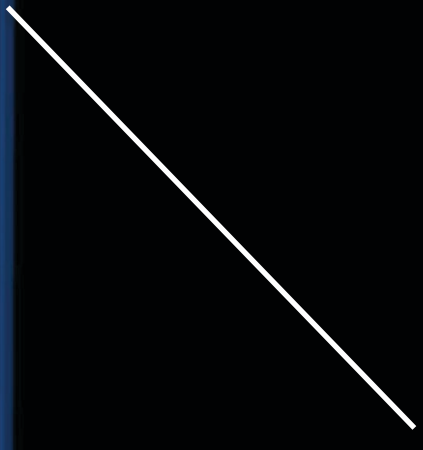
Retail Tax Density By Zip Code



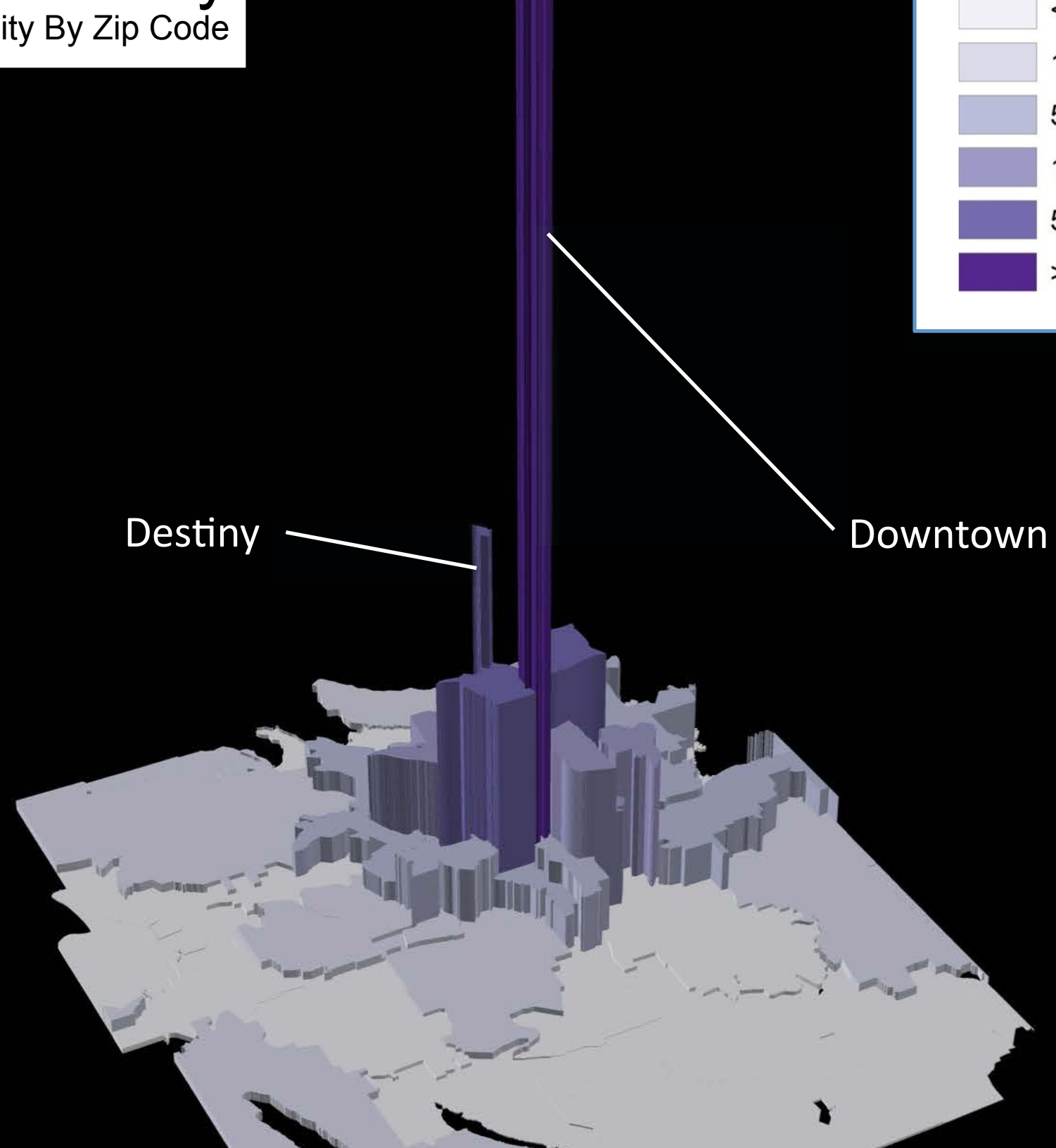
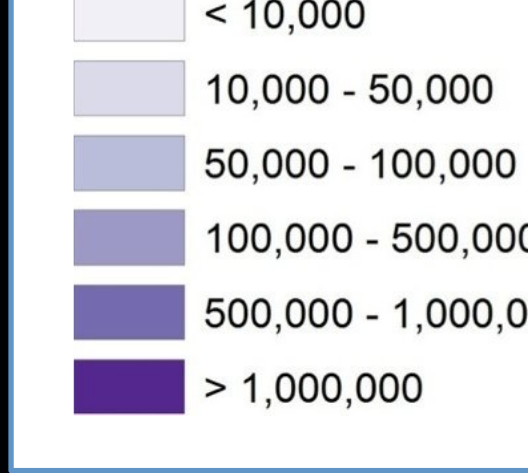
Destiny



Downtown



Total Tax Density By Zip Code



Destiny

Downtown

Jobs Per Acre By Zip Code

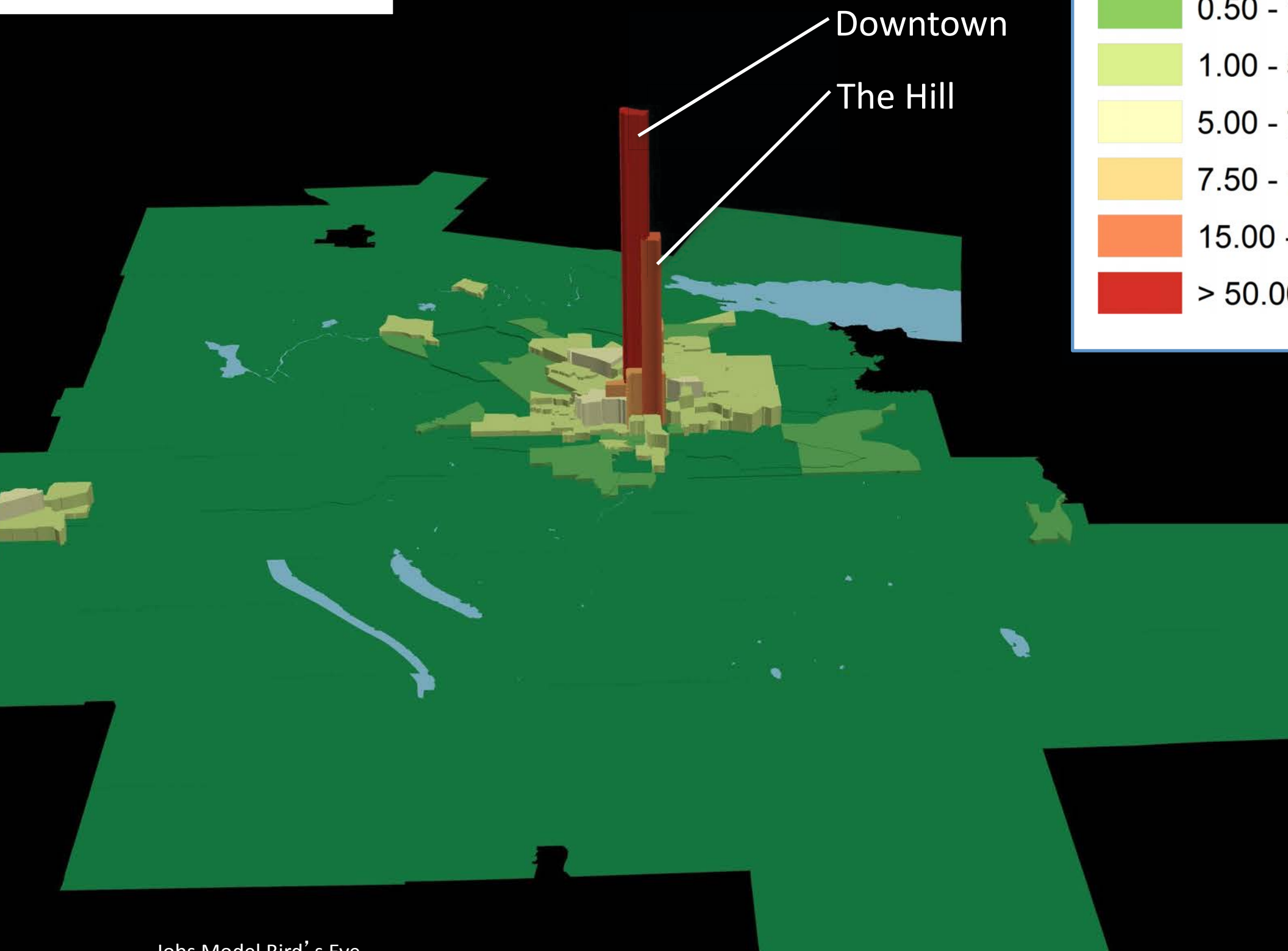


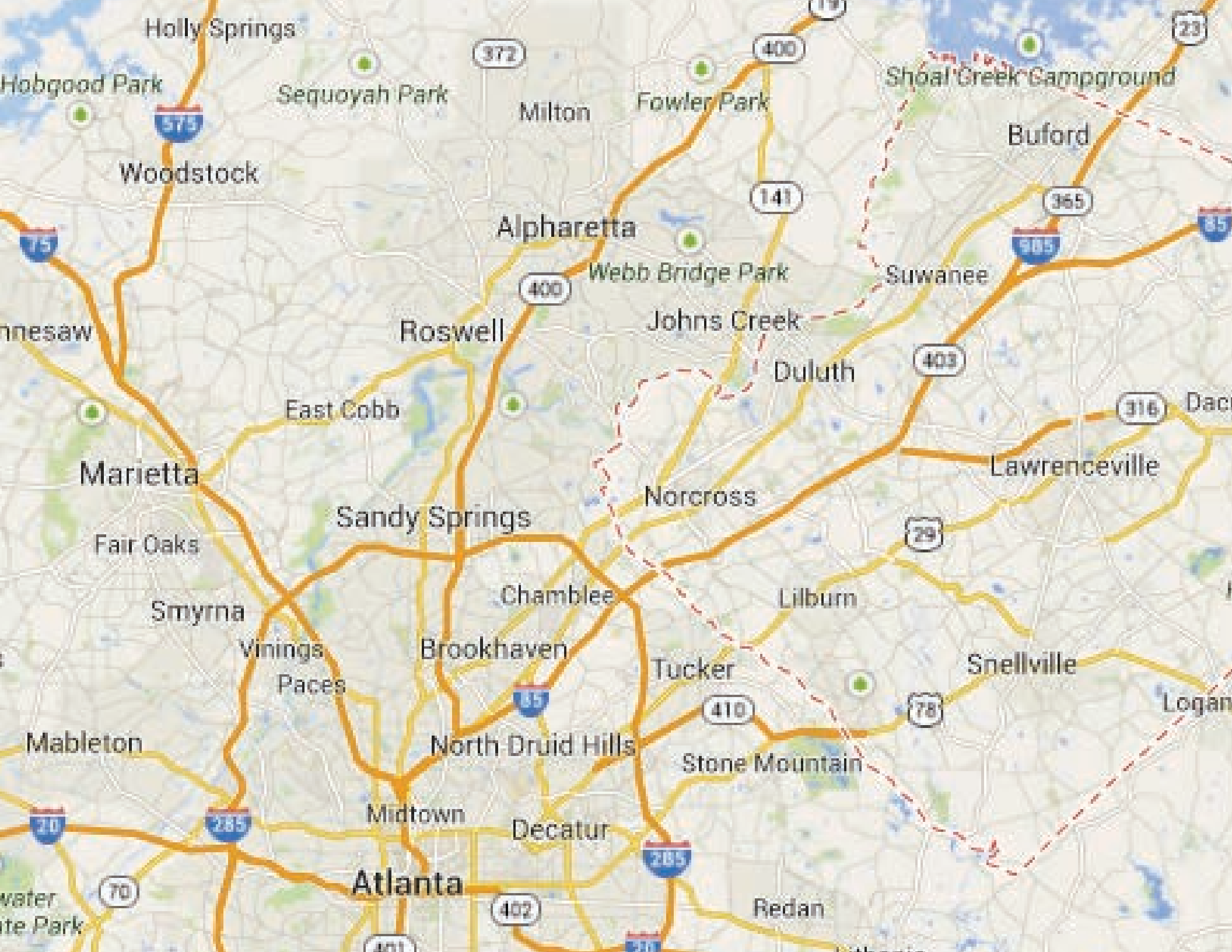
Photo Album



Grandeur Street



Gwinnett County Ga



Holly Springs

Hobgood Park

Sequoyah Park

Milton

Fowler Park

Shoa Creek Campground

Buford

Woodstock

Alpharetta

Webb Bridge Park

Suwanee

Roswell

Johns Creek

Duluth

East Cobb

Marietta

Lawrenceville

Sandy Springs

Norcross

Fair Oaks

Chamblee

Lilburn

Smyrna

Brookhaven

Tucker

Snellville

Vinings

Paces

Mableton

North Druid Hills

Stone Mountain

Logan

Midtown

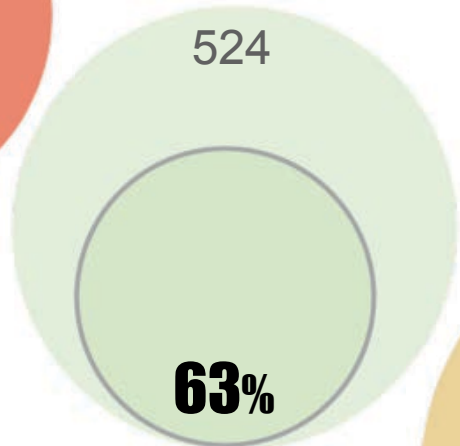
Decatur

Atlanta

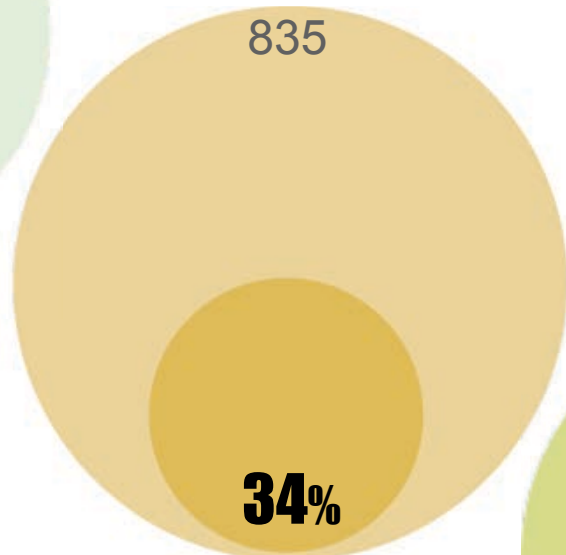
Redan

Water
ite Park

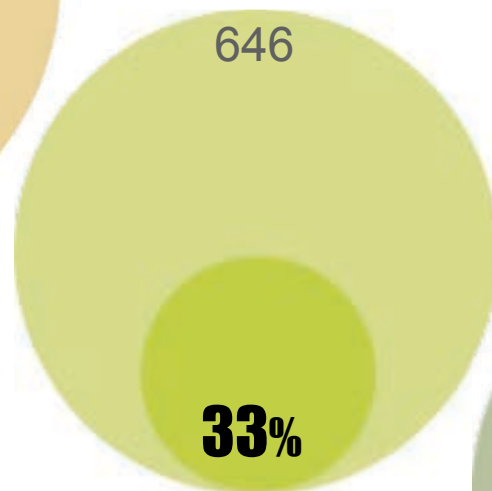
ett



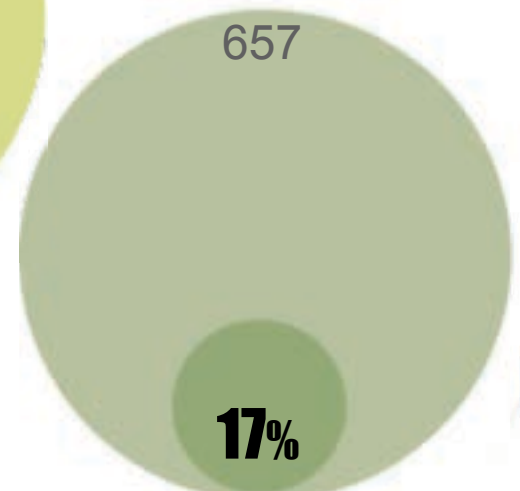
Mecklenburg



Wake



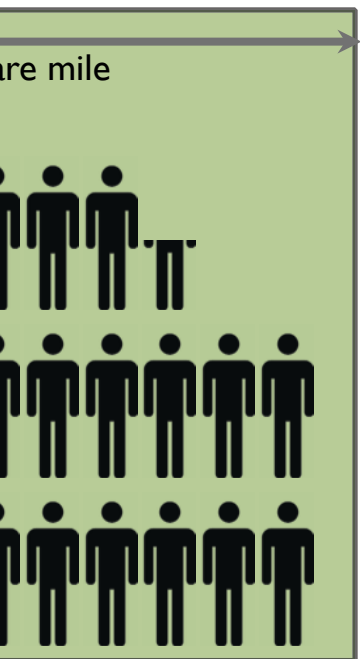
Guilford



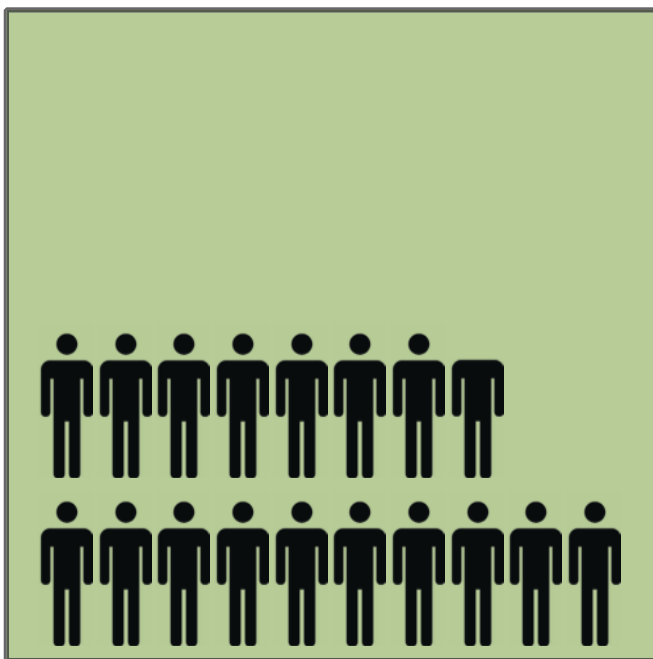
Buncombe



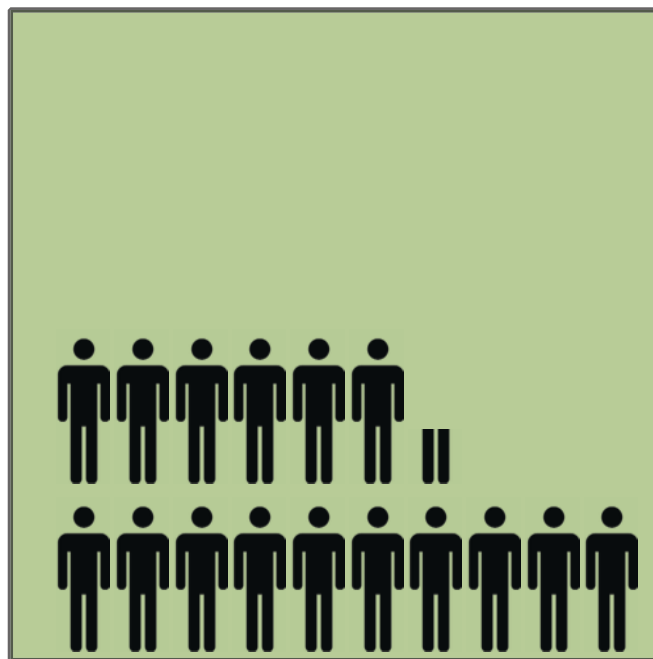
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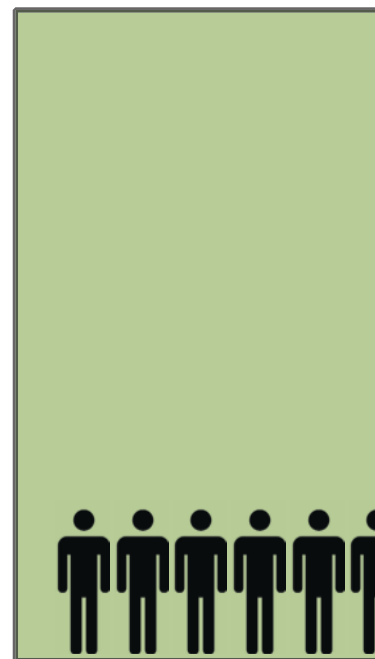
Kalb
1,782 people/Sq. Mi.



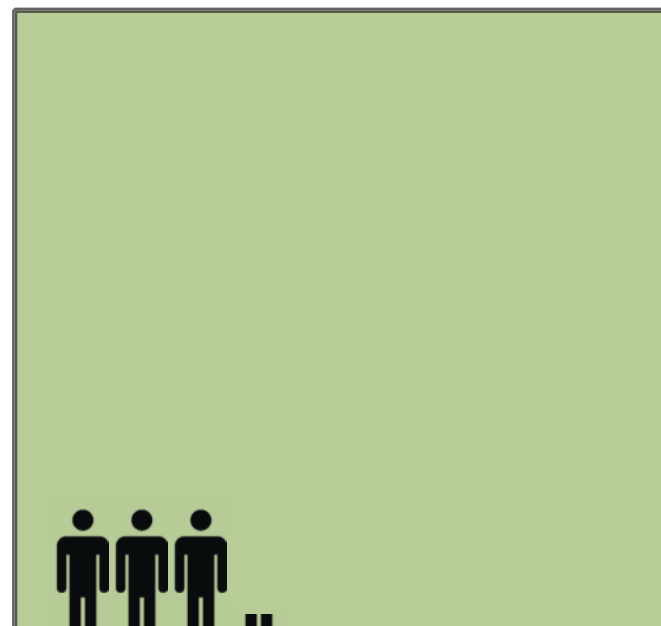
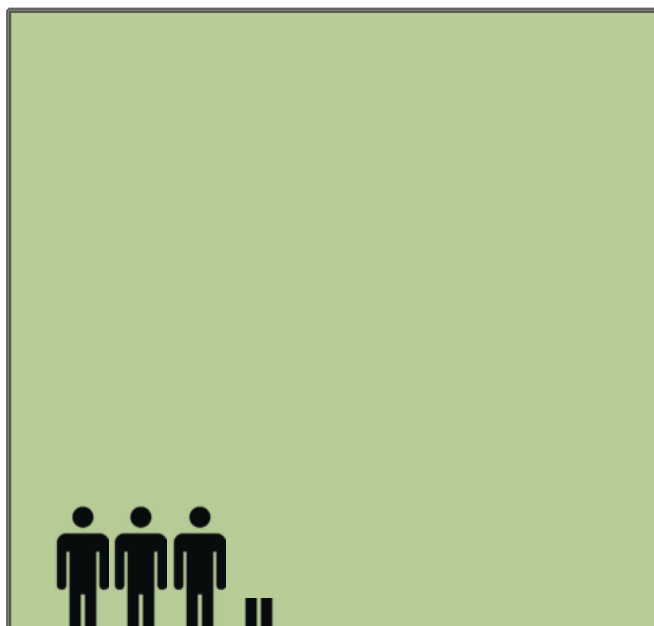
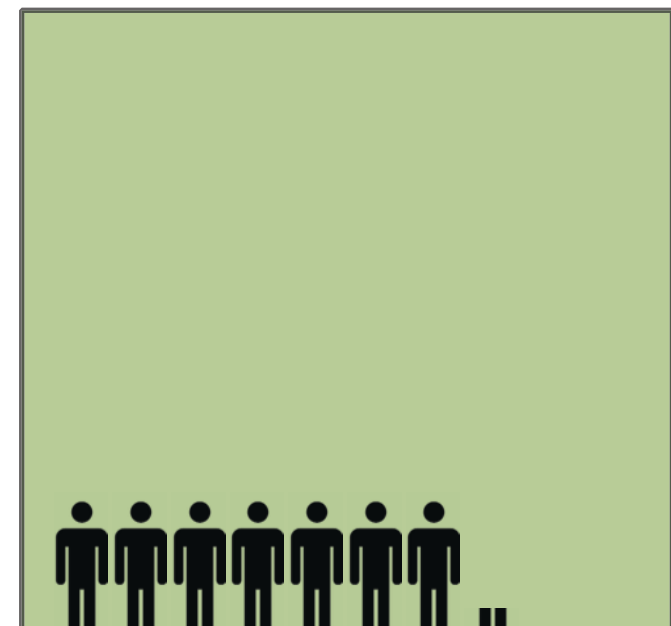
Gwinnett
1,782 people/Sq. Mi.



Mecklenburg
1,644 people/Sq. Mi.



Wake
992 people/Sq. Mi.



(value/acre of individual parcel)

\$149,799,855

Lecklenburg County

\$110,067,562

Wake County

\$87,627,064

Wilford County

\$52,007,048

Orange County

\$46,226,906

uncombe

\$7,771,4

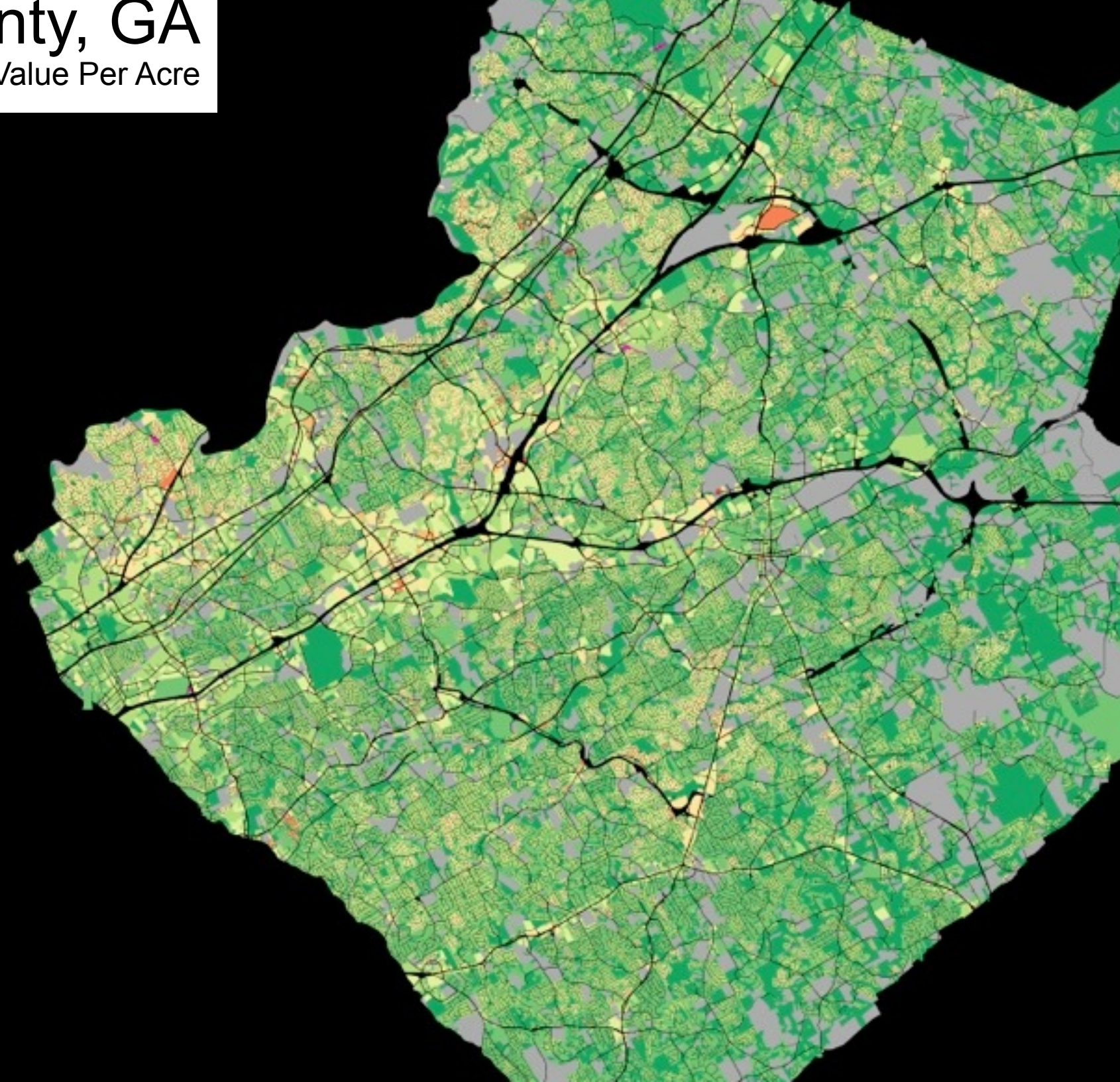


Cherokee County, GA

Total Value Per Acre

Value Per Acre

- 0 - 50,000
- 50,001 - 250,000
- 250,001 - 500,000
- 500,001 - 750,000
- 750,001 - 1,000,000
- 1,000,001 - 1,500,000
- 1,500,001 - 2,000,000
- 2,000,001 - 3,000,000
- 3,000,001 - 4,000,000



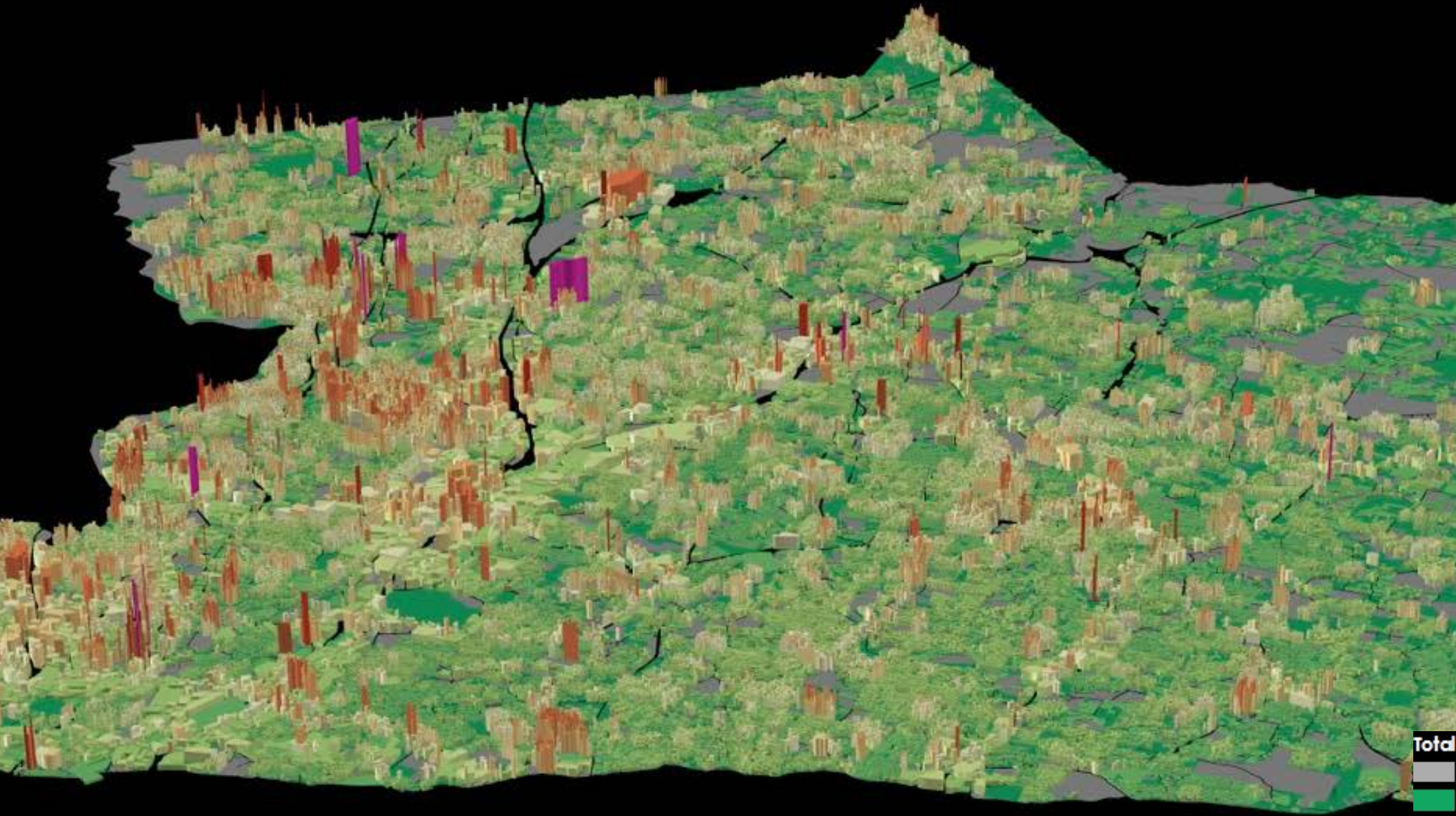
Total Value: 6.7M



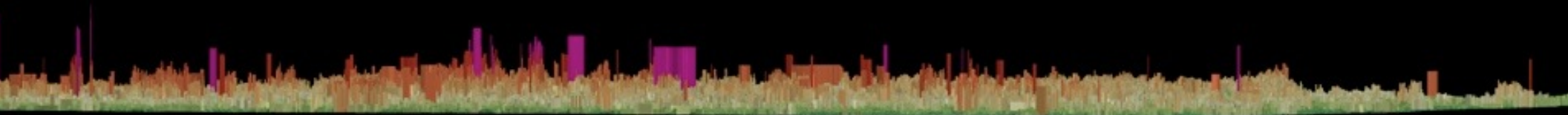
Total



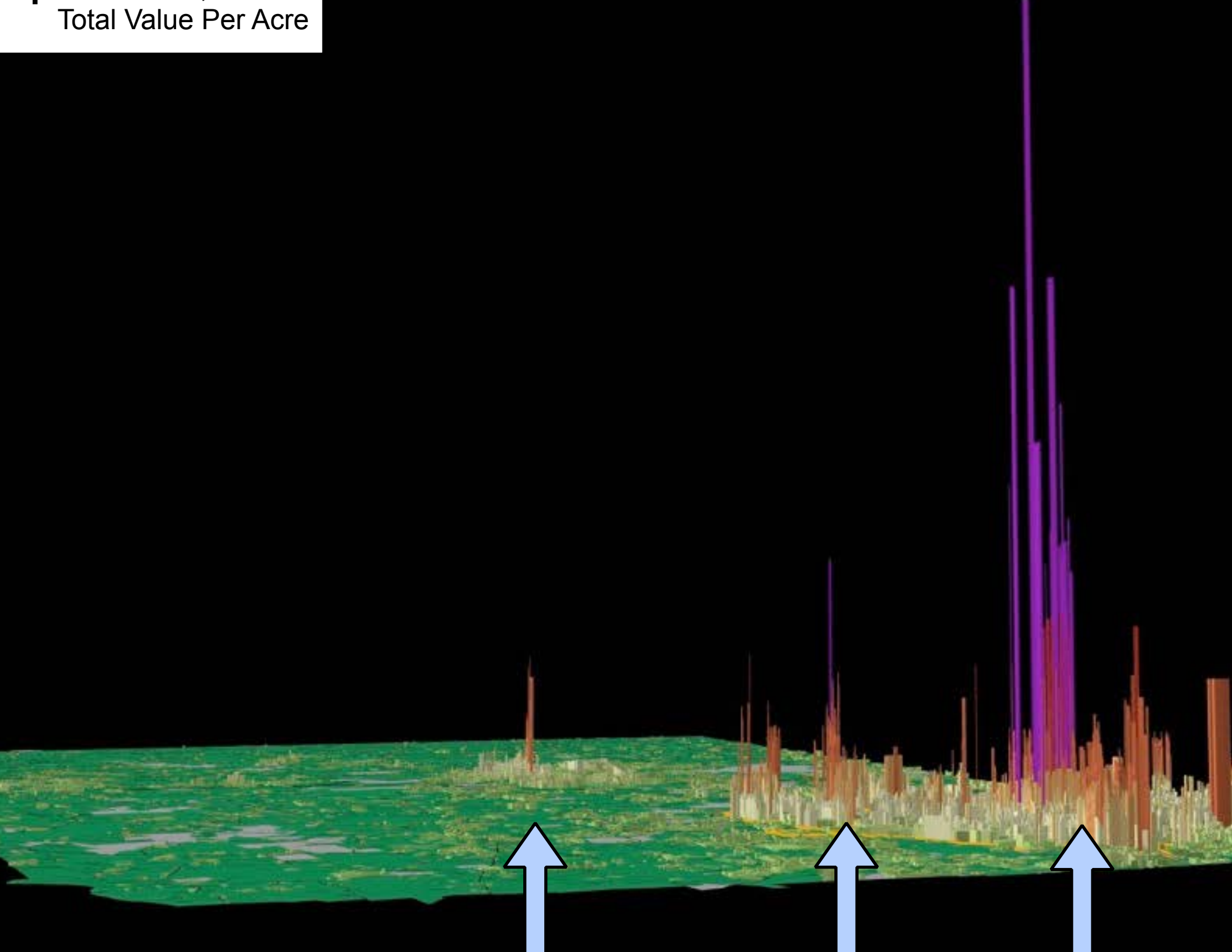
Total Value: 6.7M



Total number of items



Total Value Per Acre

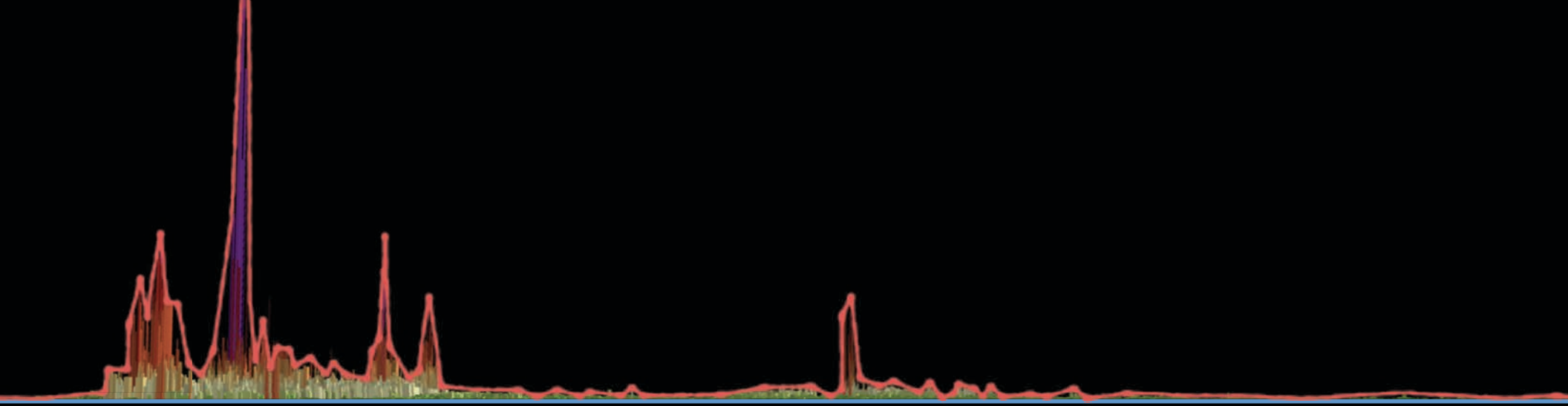


Comparisons
Value Per Acre



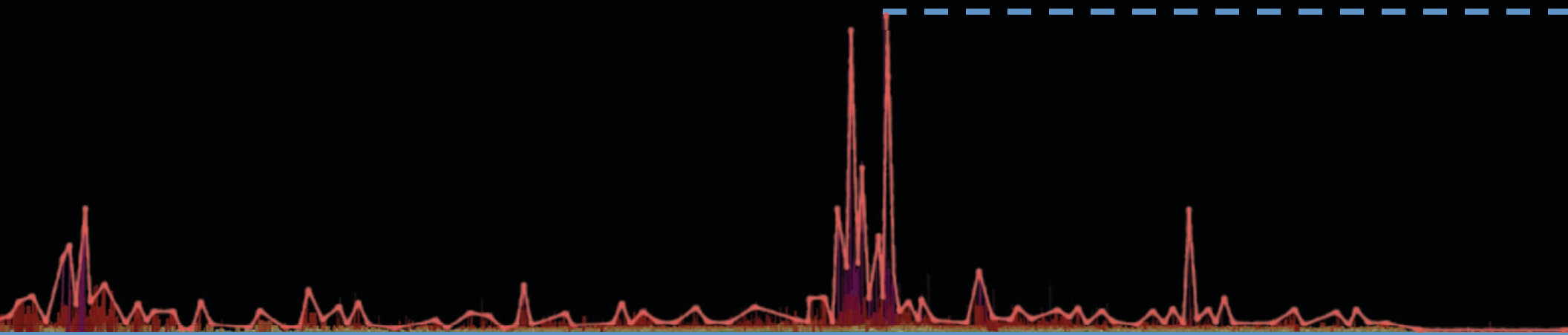
Chapel Hill

Hillsborough



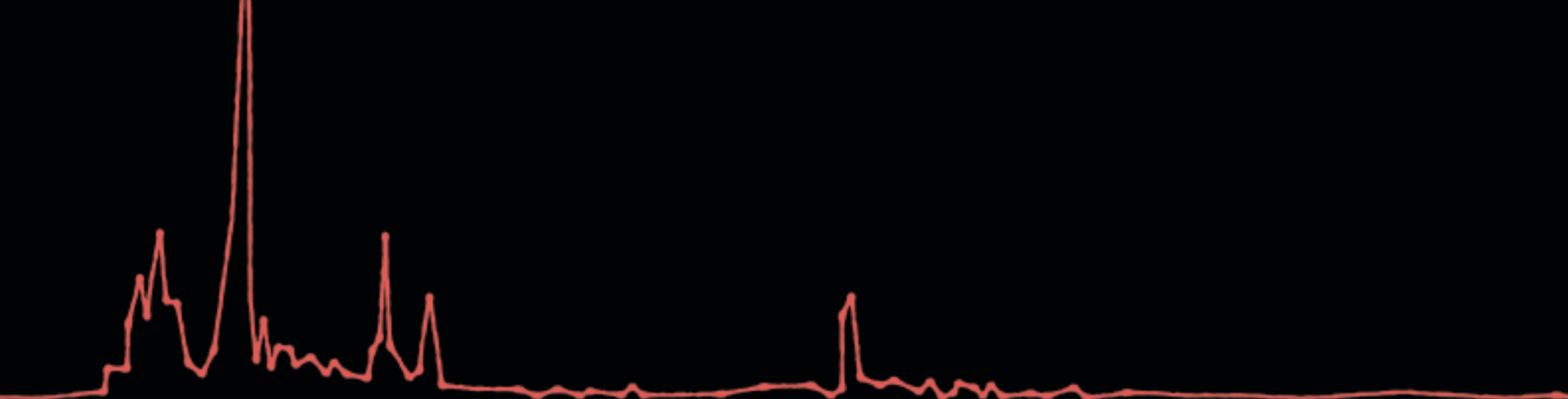
Chapel Hill

Hillsborough



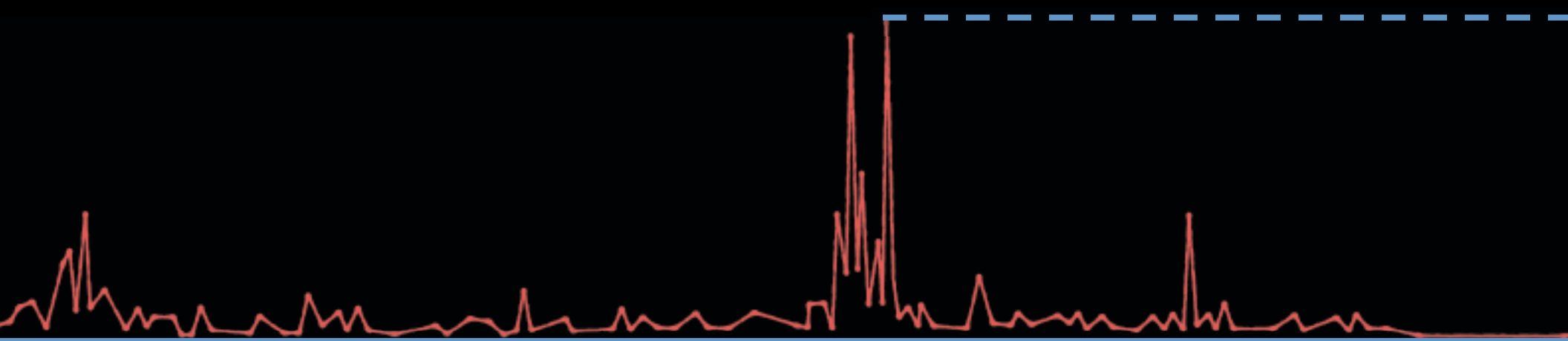
Kaneateles

Syracuse



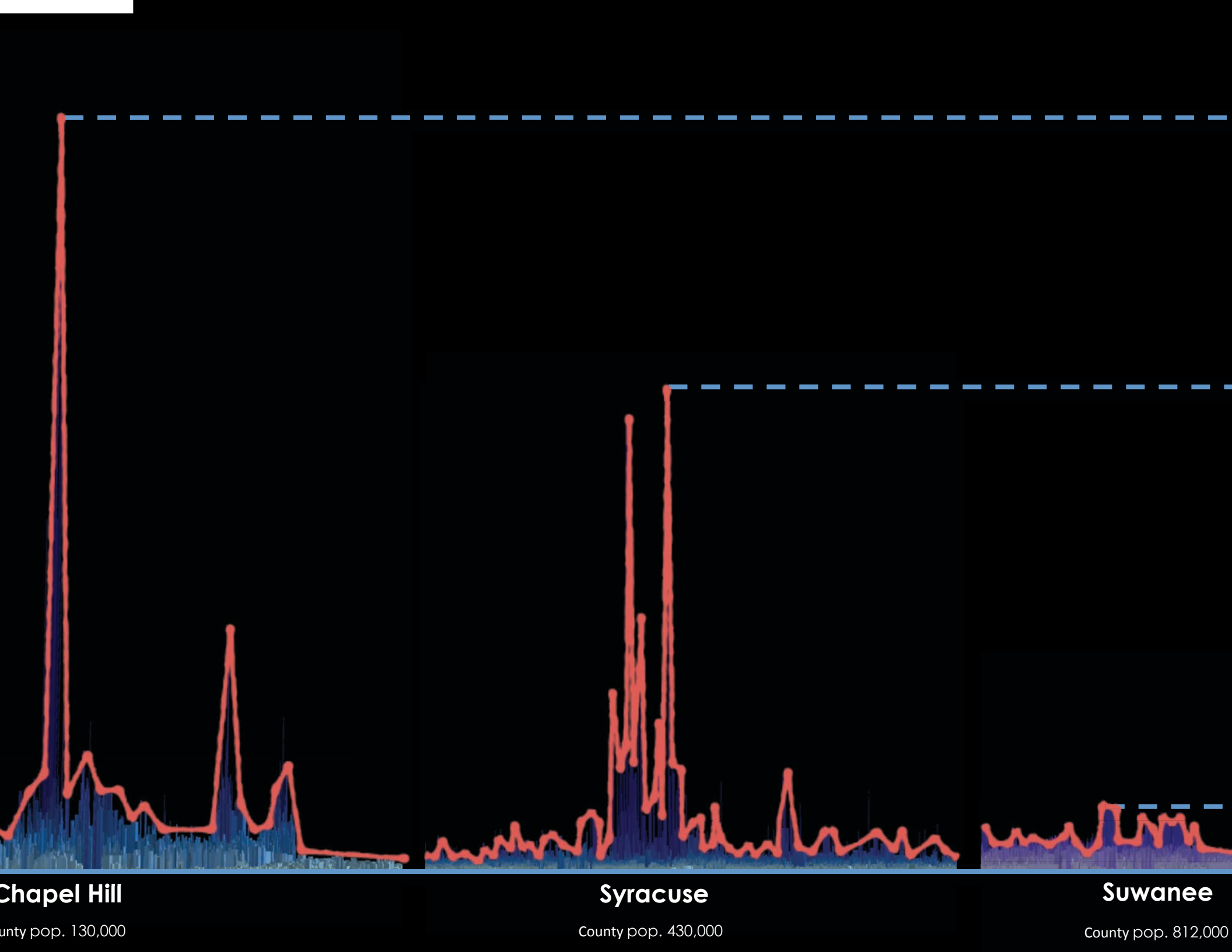
Chapel Hill

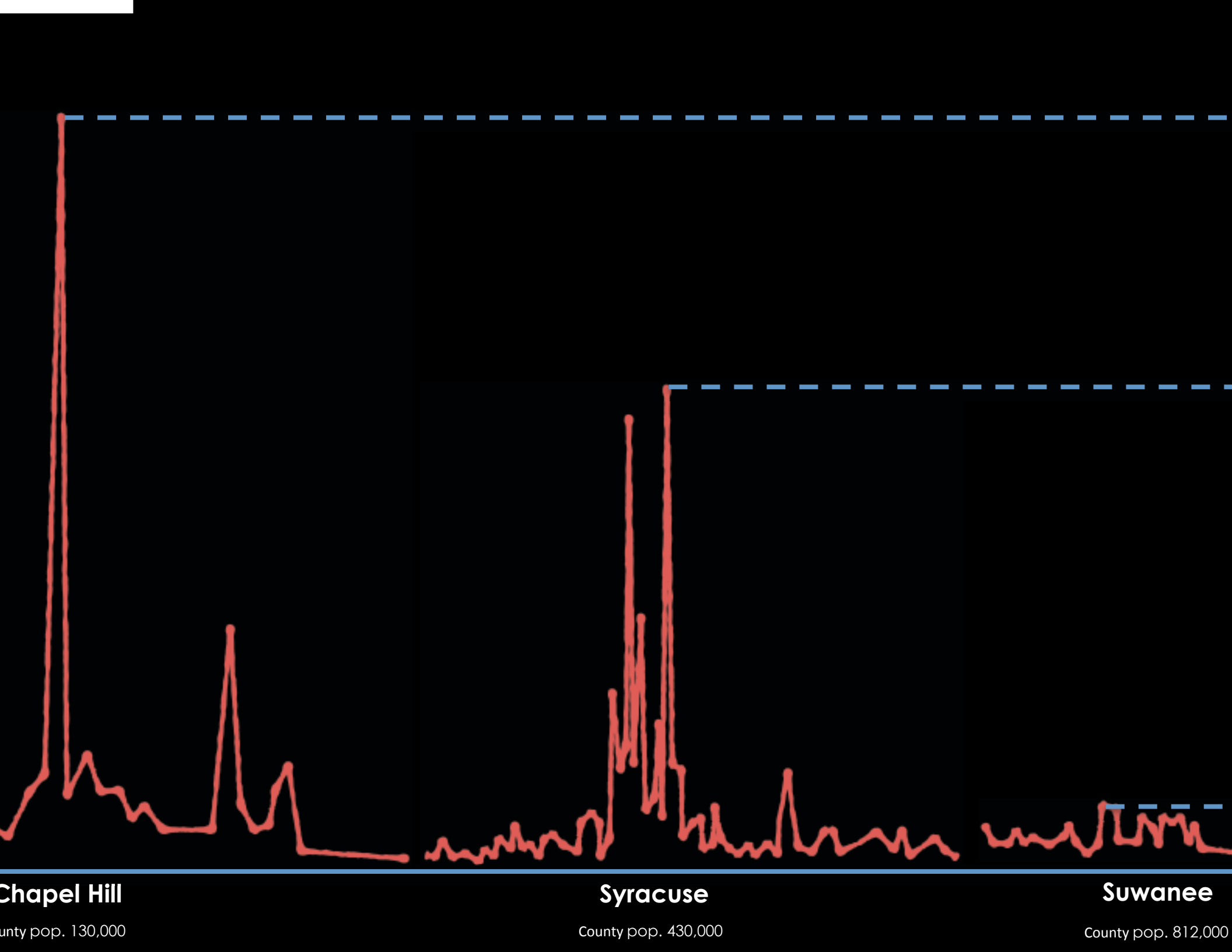
Hillsborough



Wake Forest

Syracuse





**How do we trust,
everyone else,
using data.**

Michael Bloomberg



How your mind



Nutrition Facts		
Serving Size 1 cup (228g)		
Servings Per Container 2		
Amount Per Serving		
Calories 250	Calorie	
Total Fat 12g		
Saturated Fat 3g		
Trans Fat 1.5g		
Cholesterol 30mg		
Sodium 470mg		
Total Carbohydrate 31g		
Dietary Fiber 0g		
Sugars 5g		
Protein 5g		
Vitamin A		
Vitamin C		
Calcium		
Iron		
* Percent Daily Values are based on a diet of other people's secrets. Your Daily Values may be higher or lower depending on your calorie needs:		
	Calories:	2,000
Total Fat	Less than	65g
Sat Fat	Less than	20g
Cholesterol	Less than	300mg
Sodium	Less than	2,300mg

Public Policy

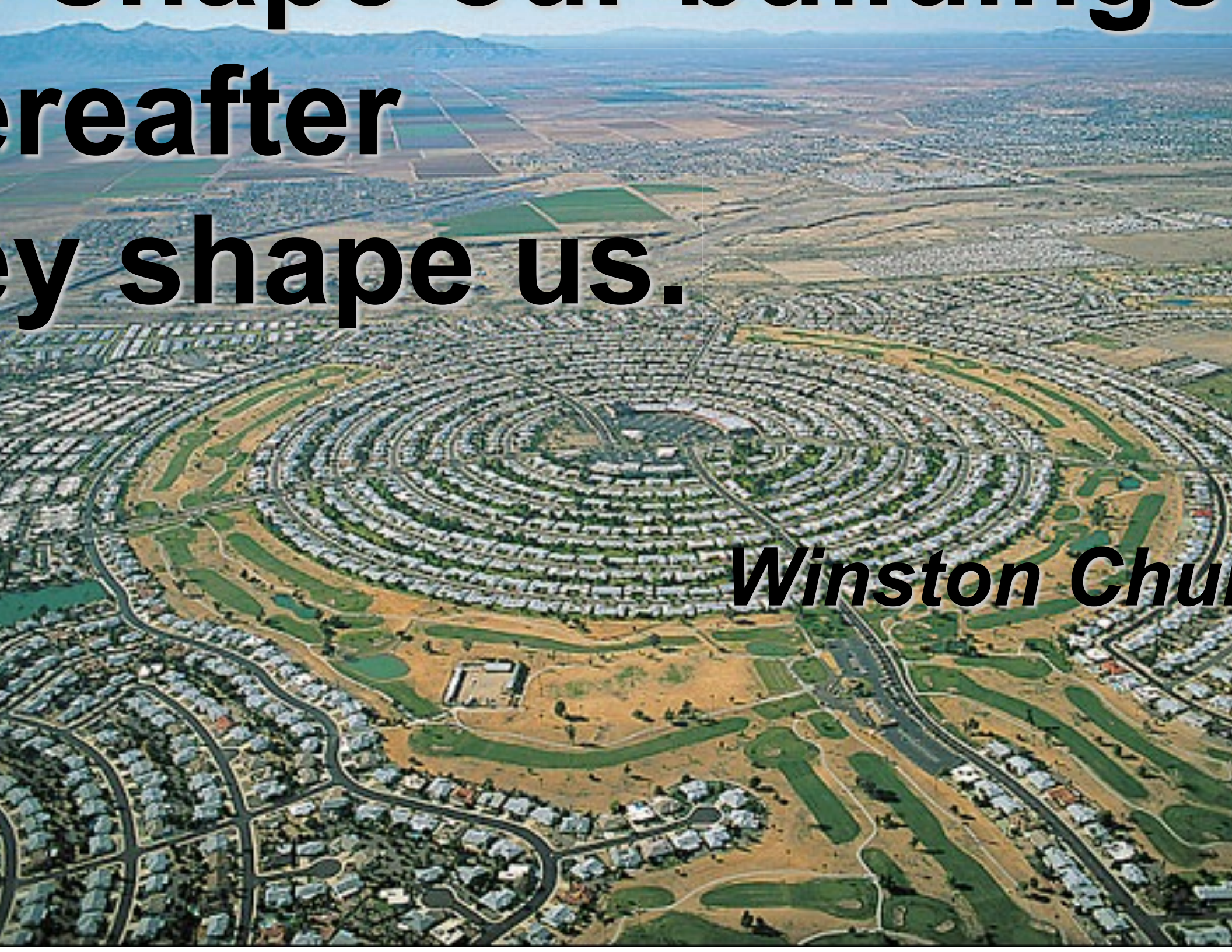




DO THE MATH



...shape our communities
...hereafter
...they shape us.



Winston Churchill

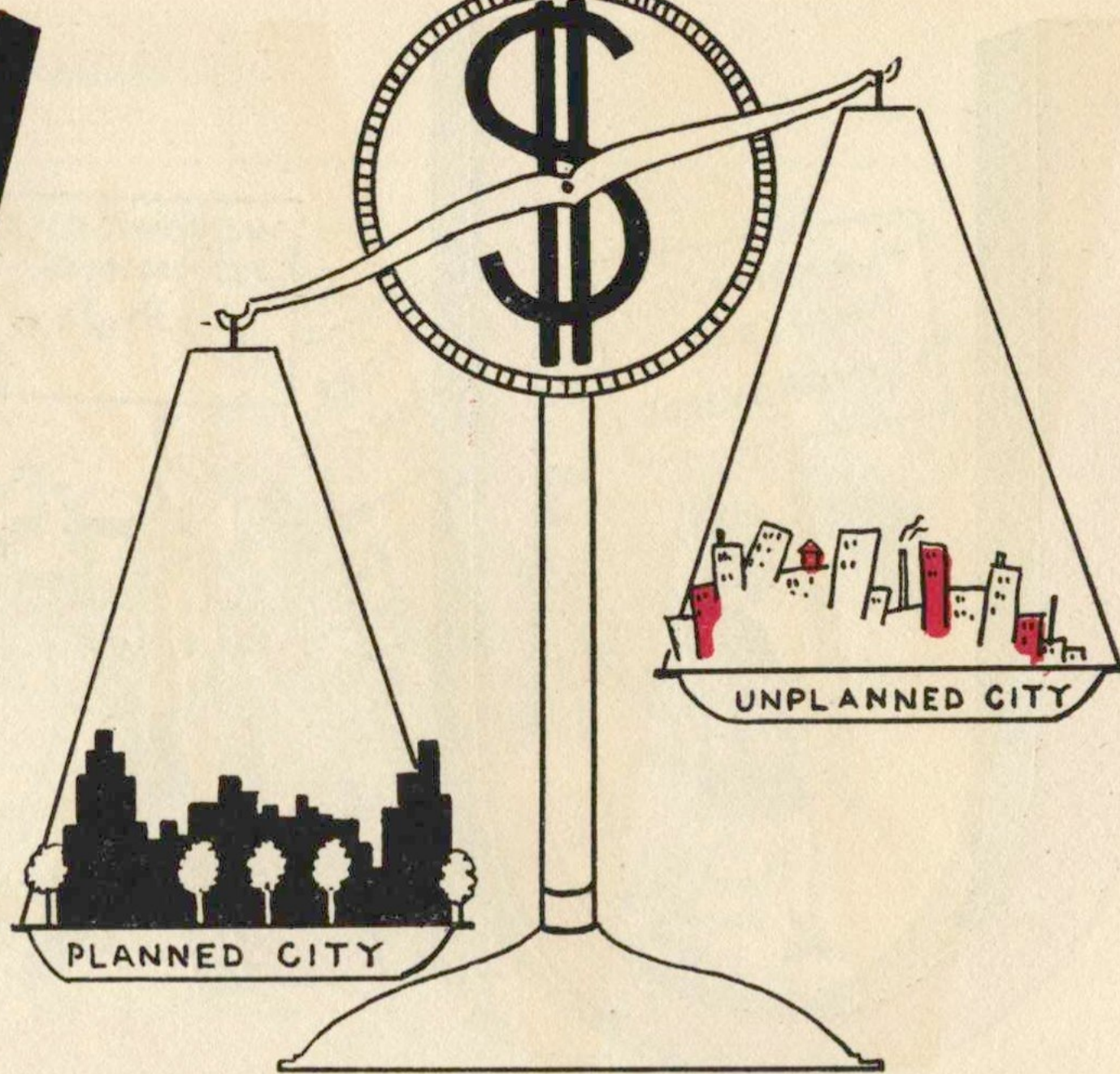
you can't measure

**you can
manage**

Mayor Michael



V

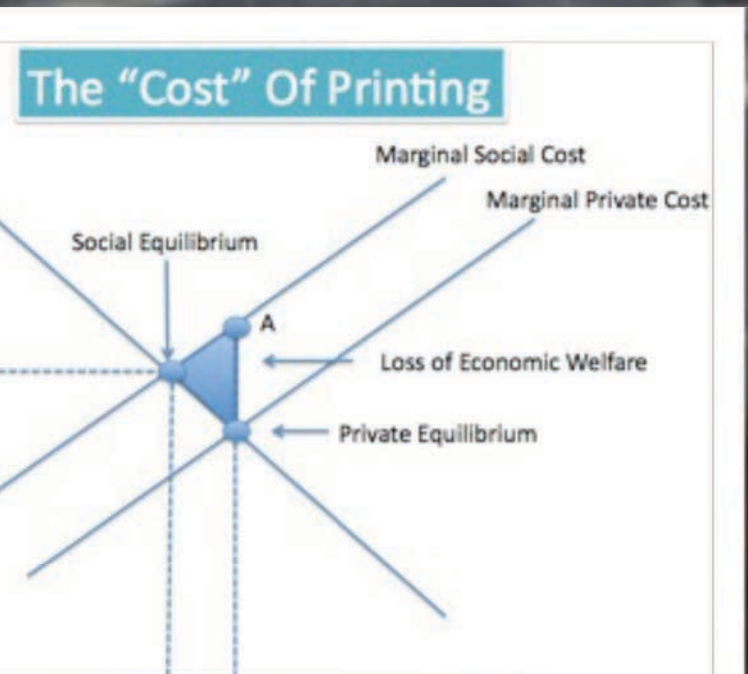


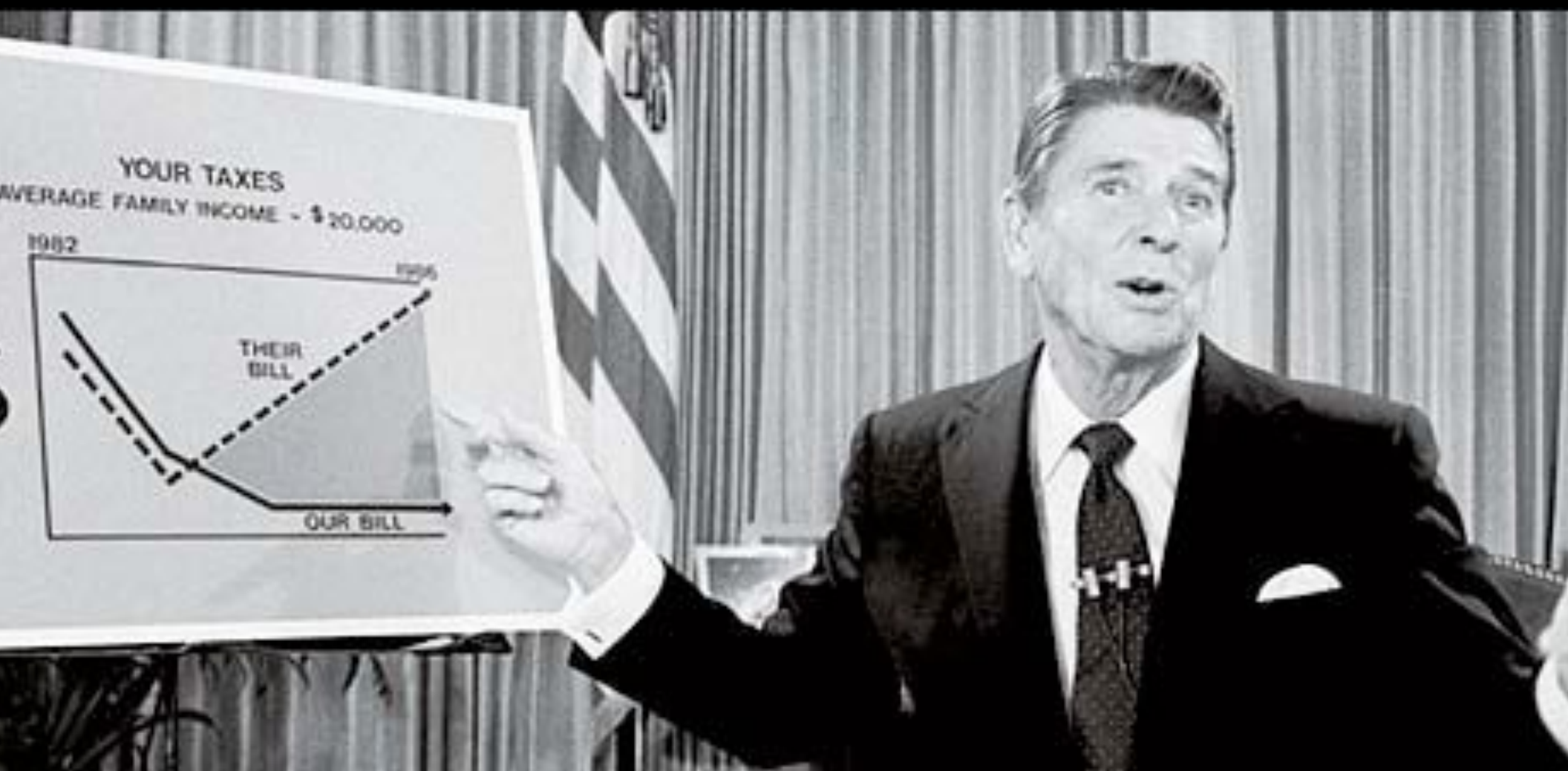
V—is for **VALUE**
Not measured in wealth.
Planners think wisely

BUY NOW
PAY LATER



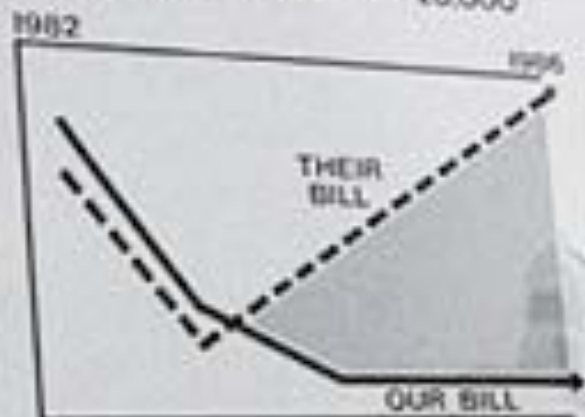
publishes **The Nature of the Firm**
publishes **The Problem of Social Cost**
wins the **Nobel Prize** for economics
argues that it's time to move the
discussion beyond **Efficient Market Theory**





YOUR TAXES

AVERAGE FAMILY INCOME - \$20,000



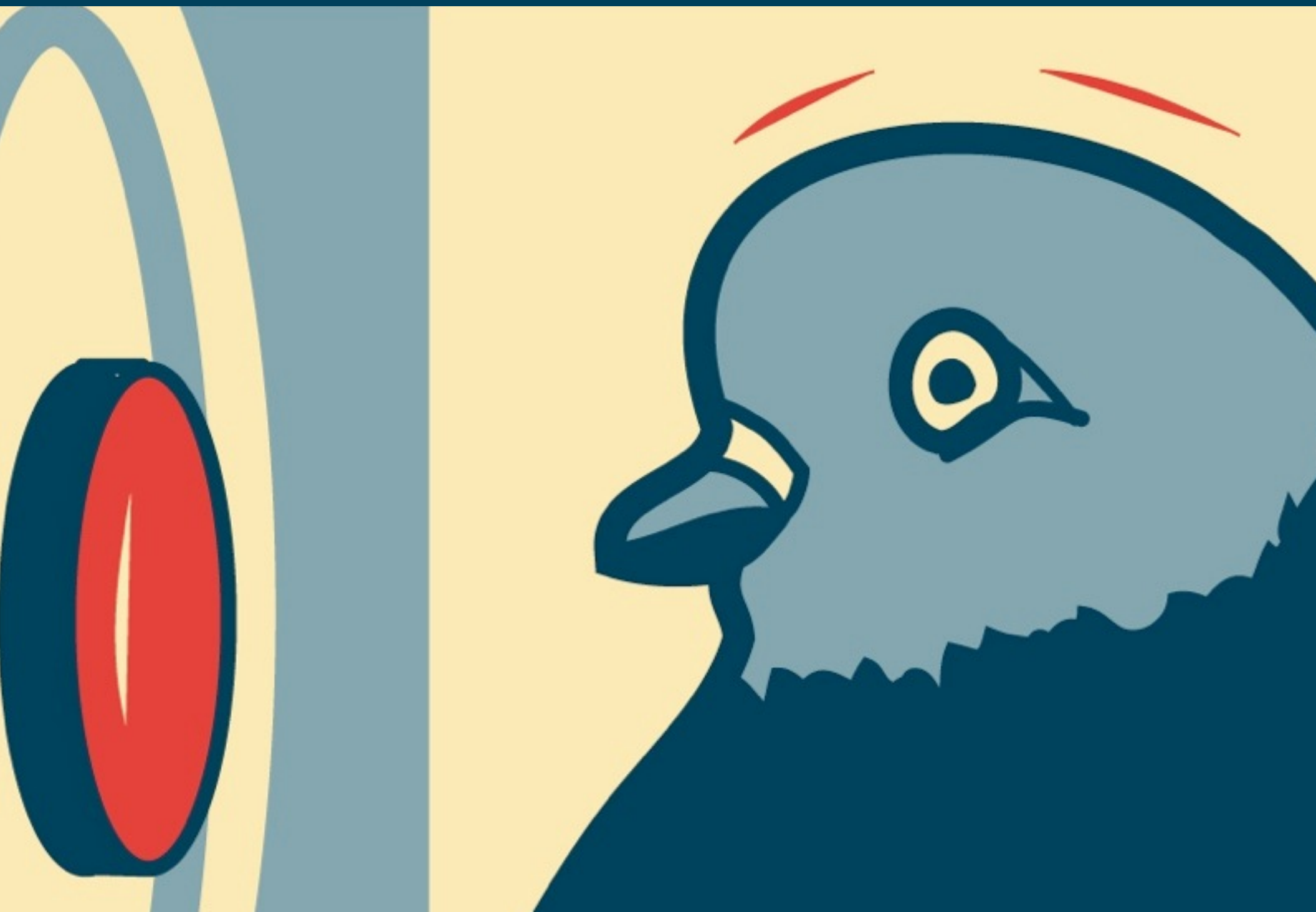


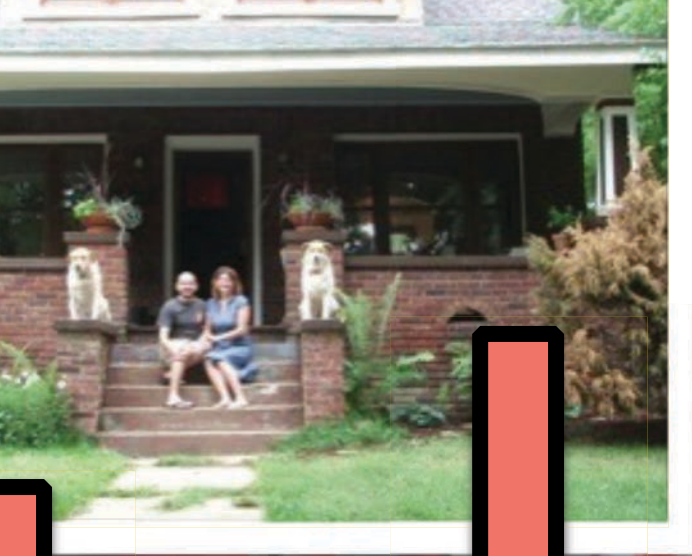
Who are we

Why are we here



Behavioral Economics





Value per **hood** of dirt



WARRIORS



FORCE



CHEAP



	Quonset House	13 Brucemont
Acres	0.14	0.13
Building	1,700	1,800
Value	\$62,200	\$232,000
Property Tax	\$330	\$1,230
\$/Acre	\$444,286	\$1,784,615



\$37/sq.ft.



\$128/sq.ft.

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GREETINGS from ...



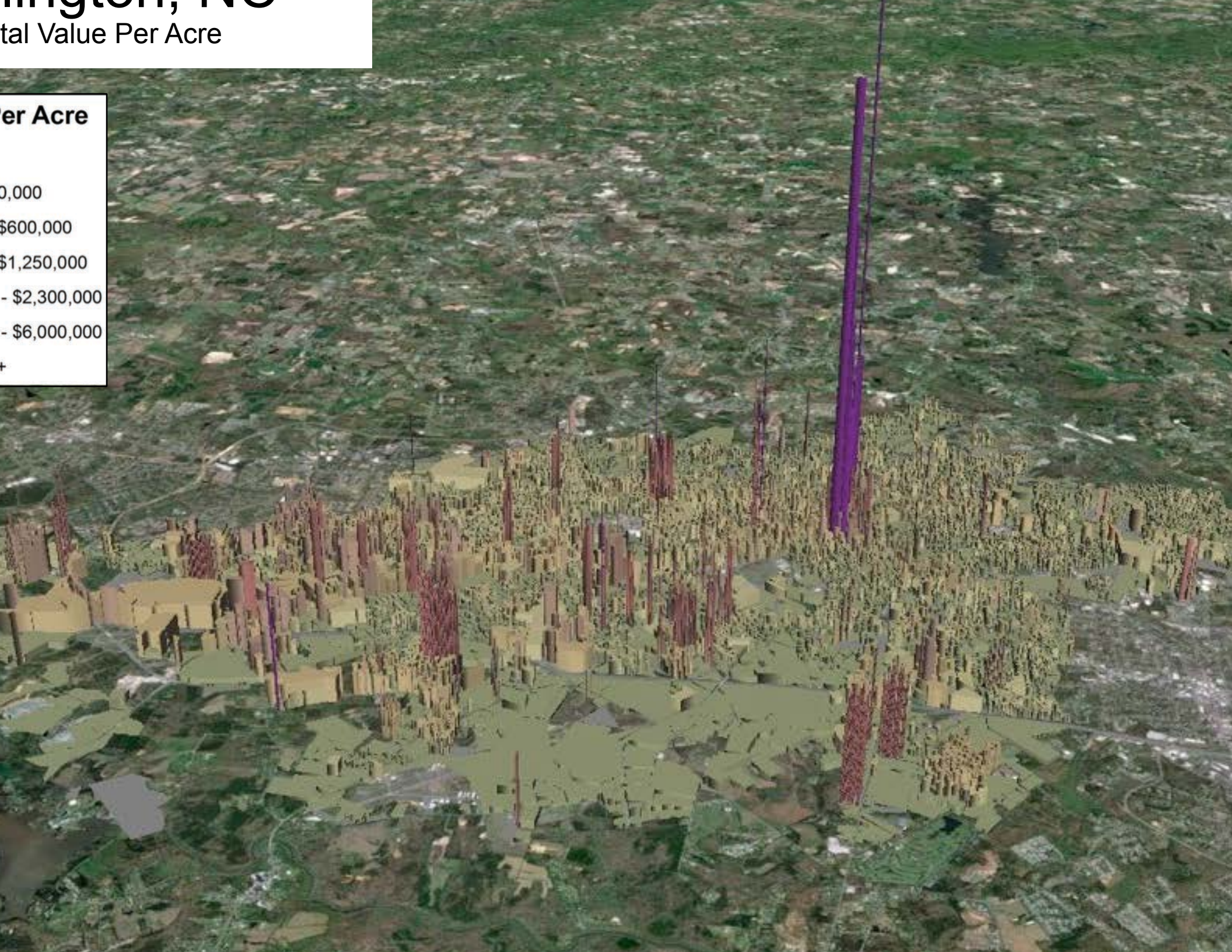
N.C.

...ington, NC

...tal Value Per Acre

...er Acre

- 0,000
- \$600,000
- \$1,250,000
- \$2,300,000
- \$6,000,000
- +

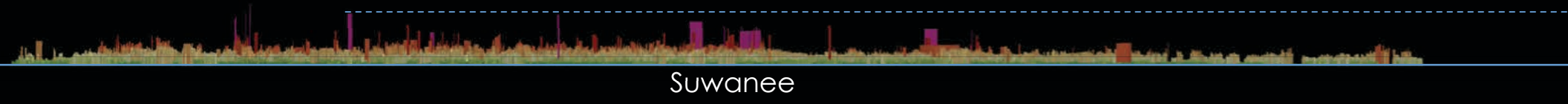


Comparisons
Value Per Acre



Hillsborough

Chapel Hill



Suwanee

Whistler is a City

