ACADIA
National Park

Map by Eric Griggs

N

Bar Harbor

Frenchman
Bay

Aunt Betty
Pond

Eagle Lake

Beaver Dam
Pond

The Tarn

Bubble
Pond

The Bowl

Jordan Pond

Somes Sound

Upper
Hadlock
Pond

Lower
Hadlock
Pond

Otter Cove

Bear Island
Lighthouse

Atlantic
Ocean

Greening
Island

Sutton Island

Little
Cranberry
Island

Baker Island
Light Station

Great
Cranberry
Island

0 0.25 0.5   1   1.5   2
Miles

| | Lighthouses | —— Carriage Road | ---- Trails | National Park Boundary |

Transportation in South America

Main Map

North Atlantic Ocean

Venezuela
Orinoco
Suriname
Guyana
French Guiana
Colombia
Magdalena
Ecuador
Rio Negro
Peru
Amazon
Madeira
Tapajos
Xingu
Tocantins
Brazil
Sao Francisco
Bolivia
Paraguay
Parana
Paraguay
Chile
Salado
Parana
Uruguay
Uruguay
Argentina

South Pacific Ocean

South Atlantic Ocean

Strait of Magellan

Map by: Henry Xu 10/15/2016

Legend

- ▲ Cities
- ★ Capitals
- — Roads
- —⊢ Railroads
- ✕ Airports
- — Major Rivers
- ▨ Lakes
- ▨ Countries

Scale: 0   400   800 Miles

Bolivia Inset

PERU
BRAZIL
BOLIVIA
Santa Ana
Madeira
Lake Titicaca
La Paz
Cochabamba
Quillacollo
Oruro
Sucre
Santa Cruz
CHILE
PARAGUAY
ARGENTINA
Salado
Paraguay

Uruguay Inset

ARGENTINA
BRAZIL
URUGUAY
Rivera
Salto
Uruguay
Tacuarembo
Paysandu
Melo
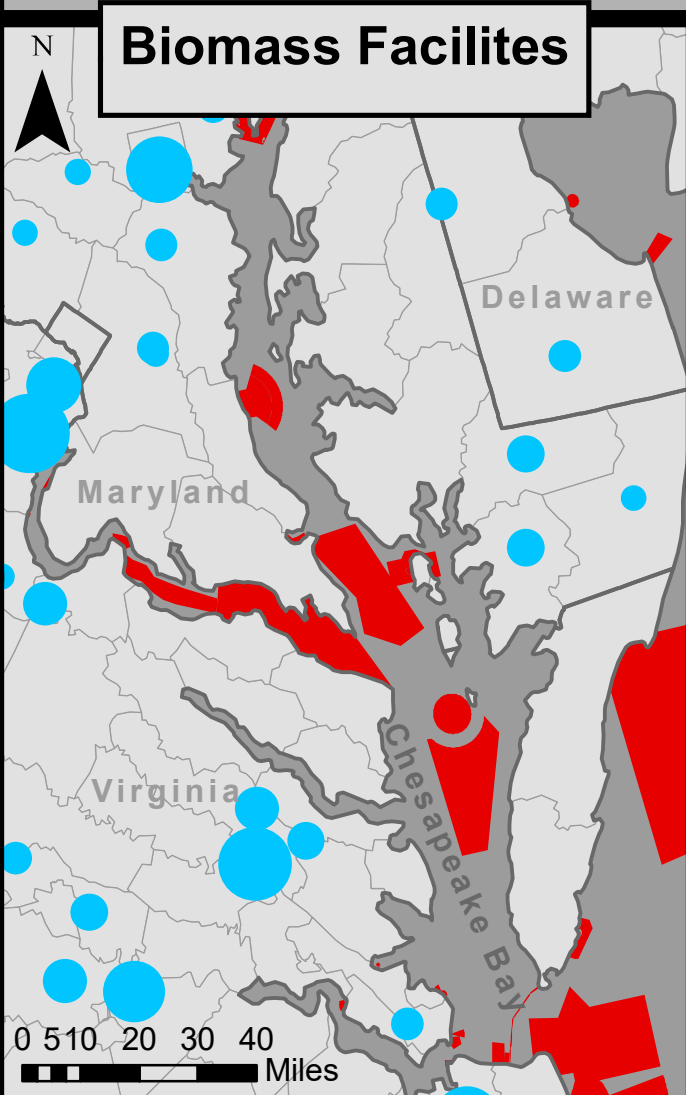*Parana*
Montevideo

Energy Sources and Vulnerability Proximity in the Chesapeake Bay Area

The Chesapeake Bay area is a vital region in our country, nestled between multiple states and next to our nation's capital. Becaues of its population and infrastructure, it requires a massive amount of energy, and multiple techniques are employed to power everything. Below are a collection of maps that show the different types of coastal energy facilities and their capacities in the amount of megawatts the facility can put out. The red "Danger" expanses are ares restricted off by the United States' Government, and show where live ammunition and military drills occur, representing possible hazards and disruptions.
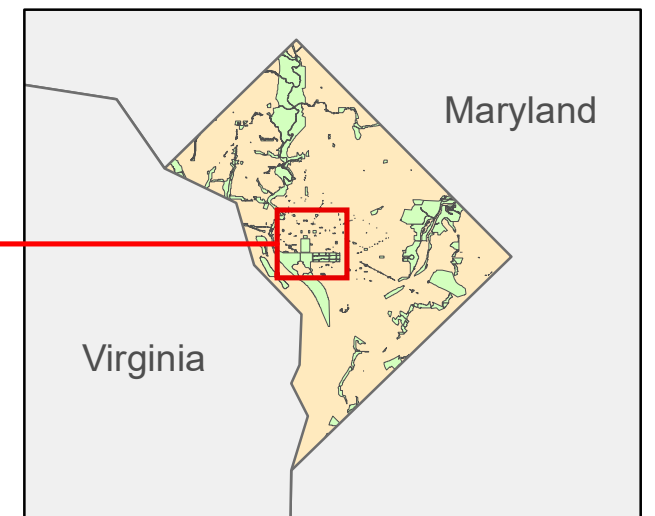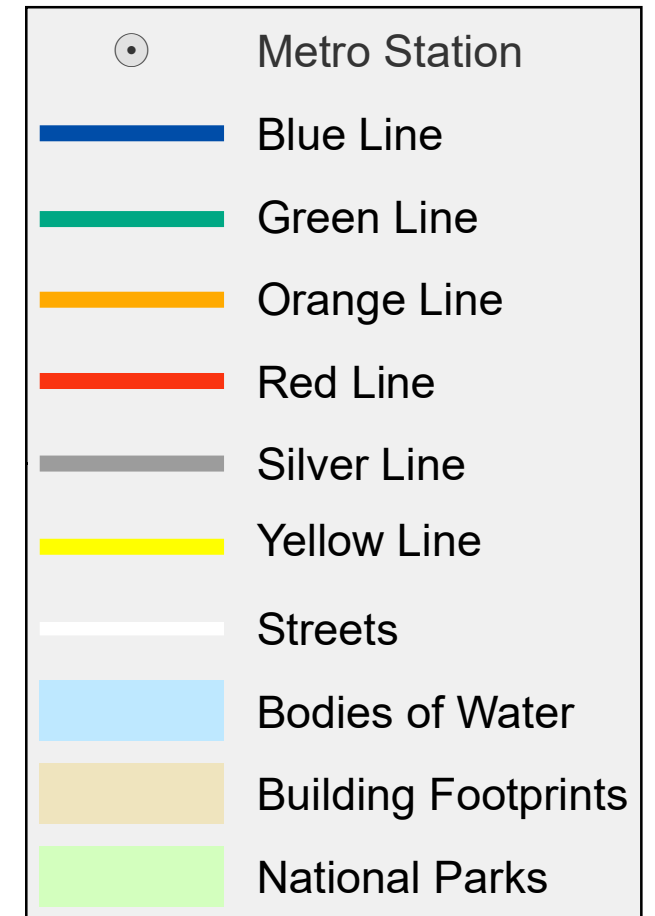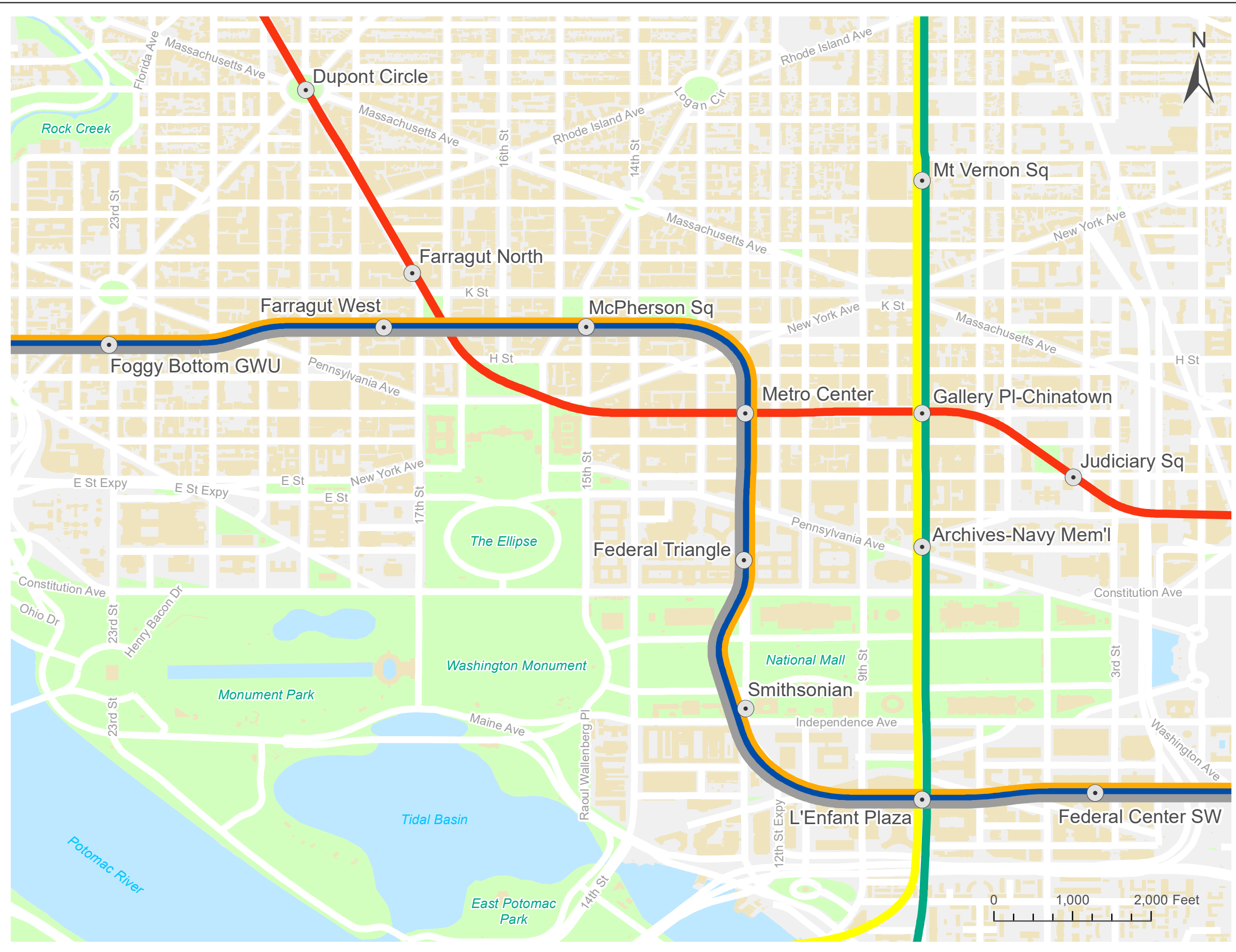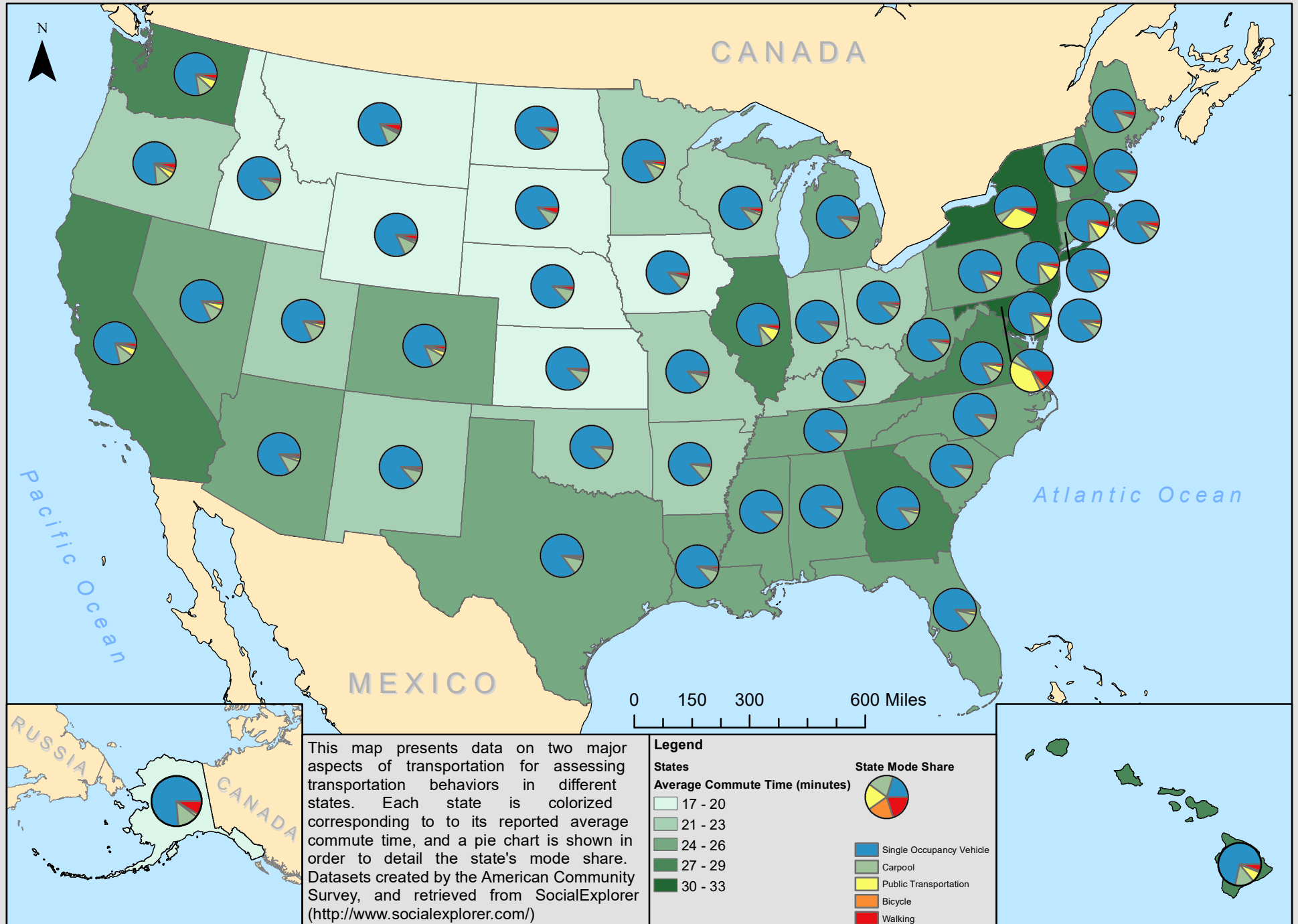
Biomass Facilites

Gas Facilites

Oil Facilites

N

Delaware

Maryland

Virginia

Chesapeake Bay

0 5 10 20 30 40 Miles

Capacity (MW)

- 0-50
- 50-100
- 100-150
- 150-200
- 200-300
- 300-400
- 400-500

Danger Zones and Restricted Areas

Metro Stops in Downtown Washington, DC

Legend:
- Metro Station
- Blue Line
- Green Line
- Orange Line
- Red Line
- Silver Line
- Yellow Line
- Streets
- Bodies of Water
- Building Footprints
- National Parks

Map labels:
Dupont Circle, Mt Vernon Sq, Farragut North, Farragut West, McPherson Sq, Foggy Bottom GWU, Metro Center, Gallery Pl-Chinatown, Judiciary Sq, Federal Triangle, Archives-Navy Mem'l, The Ellipse, Washington Monument, Smithsonian, National Mall, Monument Park, Tidal Basin, L'Enfant Plaza, Federal Center SW, Potomac River, East Potomac Park, Rock Creek

Inset map labels: Maryland, Virginia

N

0   1,000   2,000 Feet

Map by Craig Owenby
with inspriation from Google Maps
(15 October 2016)

United States Transportation Mode Share and Average Commute Time

United States Census Bureau

CANADA

Pacific Ocean

Atlantic Ocean

MEXICO

RUSSIA

CANADA

0   150   300   600 Miles

This map presents data on two major aspects of transportation for assessing transportation behaviors in different states. Each state is colorized corresponding to to its reported average commute time, and a pie chart is shown in order to detail the state's mode share. Datasets created by the American Community Survey, and retrieved from SocialExplorer (http://www.socialexplorer.com/)

Legend

States
Average Commute Time (minutes)
- 17 - 20
- 21 - 23
- 24 - 26
- 27 - 29
- 30 - 33

State Mode Share

- Single Occupancy Vehicle
- Carpool
- Public Transportation
- Bicycle
- Walking

Map Created by: Cameron Low

Atlanta-The center of Georgia

Tennessee

North Carolina

South Carolina

Georgia

Alabama

Tennessee counties and cities: Dade, Catoosa, Walker, Whitfield, Murray, Fannin, Towns, Rabun, Union, Chattooga, Gordon, Gilmer, Pickens, Dawson, White, Habersham, Stephens, Lumpkin, Hall, Banks, Franklin, Floyd, Bartow, Cherokee, Forsyth, Hart, Polk, Paulding, Cobb, Gwinnett, Jackson, Madison, Elbert, Haralson, Douglas, Fulton, DeKalb, Barrow, Oconee, Clarke, Oglethorpe, Wilke, Carroll, Clayton, Rockdale, Walton, Morgan, Greene, Taliaferro, Coweta, Fayette, Henry, Newton, Heard, Troup, Spalding, Pike, Jasper, Hancock, Glascock, Meriwether, Lamar, Butts, Putnam, Baldwin, Jefferson, Burke, Upson, Monroe, Jones, Washington, Harris, Talbot, Crawford, Wilkinson, Johnson, Emanuel, Jenkins, Taylor, Peach, Bibb, Twiggs, Muscogee, Marion, Macon, Houston, Bleckley, Laurens, Treutlen, Candler, Chattahoochee, Schley, Pulaski, Dodge, Montgomery, Tattnall

Highways: Interstate 75, I-575 Exwy, GA Hwy 400, Interstate 85, Interstate 985, I-285 Exwy, Interstate 20, Interstate 16

Atlanta

Inset map labels:
- March to the Sea St Rt.
- Central State Rt.
- Interstate 75
- Wieuca Rd Route
- Chastain Memorial Park
- Northside Library
- Buckhead Library
- Atlanta Memorial Park
- Perry Homes Library
- Rockdale Park
- Piedmont Park
- Stone Mountain Trail
- Bowen/Bankhead Library
- Ponce de Leon Library
- Westside Trail
- MLK Jr. Library
- Adamsville-Collier Heights Library
- Trolley Line On-Street Rt.
- Herbert Greene Park
- Grant Park
- Falling Water
- Ben Hill Park
- Cleveland Avenue Library
- Little White House State Route
- Southside Park
- Harper Park

Legend (inset)
- Libraries
- Bike Paths
- Parks
- Atlanta Limits
- County Lines
- Highways

0   5   10 Miles

Legend (main)
- Library
- Highways
- Atlanta
- Major Cities
- Counties
- State Border

0   50   100 Miles

Atlanta is the capital of Georgia and serves as the center of activity for the state. Not only do all of the major interstates travel through or around the city, there are many attractions within the city limits. The map in the top right shows major bike routes, parks and libraries within the city. Outdoor activities are very popular in Atlanta which is seen by the large amount of bike routes running through the city and vast sizes of parks scattered around.

The large amount of libraries in Atlanta show that there is a large population living in or around the city. Typically libraries are located for a large amount of people to access, and having such a large number of libraries concentrated in the city compared to the rest of the state shows the large difference in population in Atlanta compared to the rest of Georgia.

Some of the major parks and libraries are labeled in the atlanta map in the top right corner.

Atlanta Schools Science Index

The Atlanta Schools Science index ranks Atlanta schools by the amount of students in each school and the proximity to parks and lakes. This algorithm ranks schools to form a rating on opportunity for a hands on environmental science class.

Environmental science has increasingly been offered for science credit in public schools. This class offers students the ability to learn about a large amount of subjects that include but are not limited to: climate change, population growth, and pollution. By having schools close to parks and lakes, the students are able to have short field trips to learn, in person, about envirnomental science topics.

The Top 9 Schools in no particular order are:

Sutton Middle School
Morningside Elememntary
Grady High Shool
Cleveland Elementary
Therrell High School
Kimberly Elementary
Yound Middle School
Peyton Forest Elementary
Benjamin S. Carson Preparatory

School Index

- Highest Opportunity
- Moderate Opportunity
- Low Opportunity
- Freeways
- City Limits

N
W E
S

I-75
I-85
GA400
I-285
I-20
I-758
I-285
I-75
I-285
I-85

0   1.25   2.5   5
Miles

Author: Rebeccah Sharpe
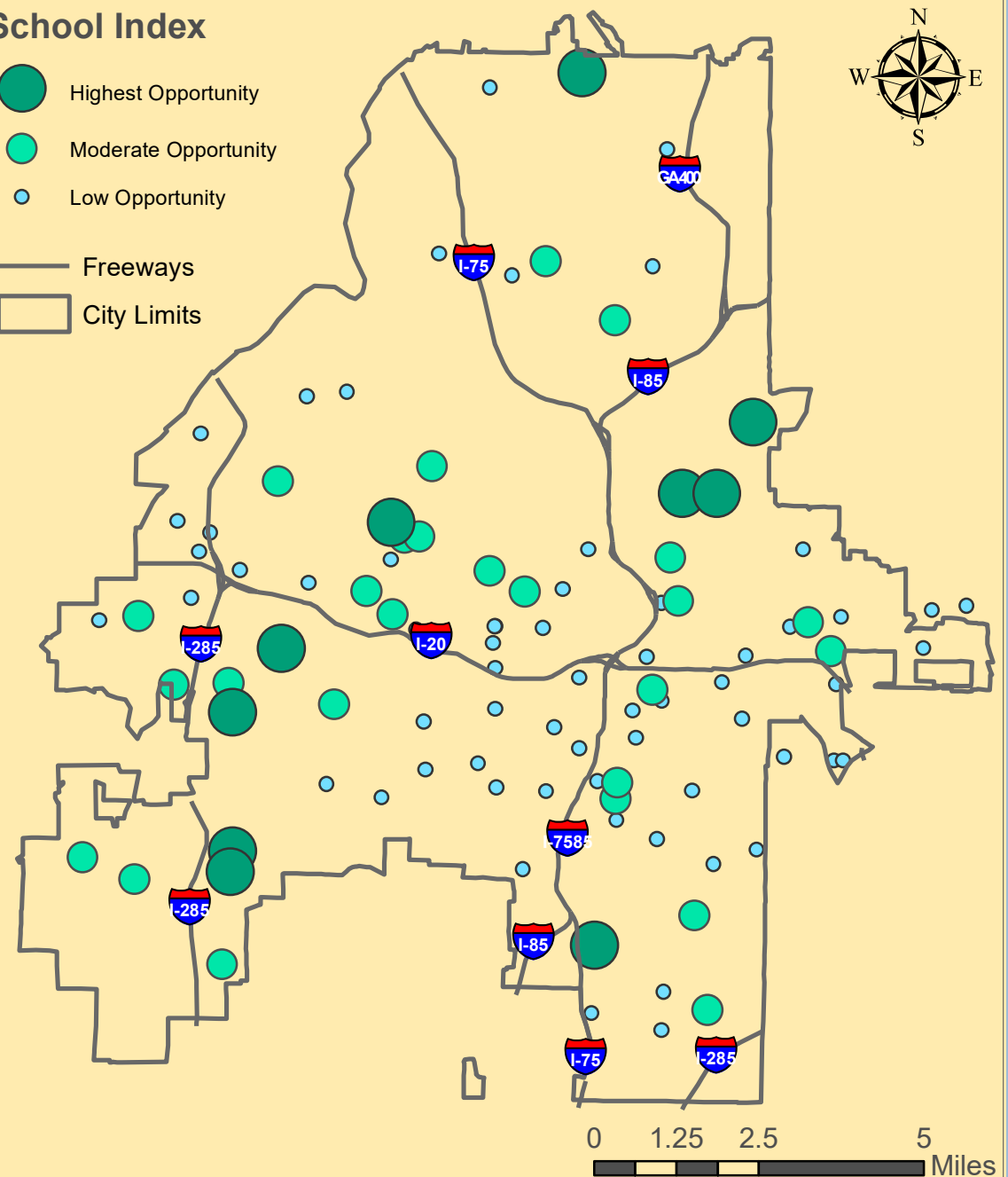
Startup Nation: Ranking the States

NORTH

KAUFFMAN
The Foundation of Entrepreneurship

KEY TAKEAWAYS

1. W to NW states lead ranking
2. SE to MW states lag behind
3. California struggles with growth
4. NY surprises to the upside
5. Valuation ($) size not considered

BACKGROUND & METHODOLOGY

After the Great Recession of 2007 and 2008, US business and economy have struggled to thrive in the post-recession era. However, over the past few years, there has been an enormous awakening of small-businesses and startups. Businessmen and fresh college grads are starting to move away from the giant machines that are corporations to the fast-paced, exciting world of the startup culture.

The Kauffman Index: Startup Activity provides a way of looking at startup activity across time and geographies in the United States. Instead of accepting the index values provided by the Kauffman algorithm, I decided to create my own index based on startup population density, rate of new entrepreneurs entering the workforce, and percentage of entrepreneurs coming from previous employment. Growth rates and current measures factor into the final index value assigned to each state.
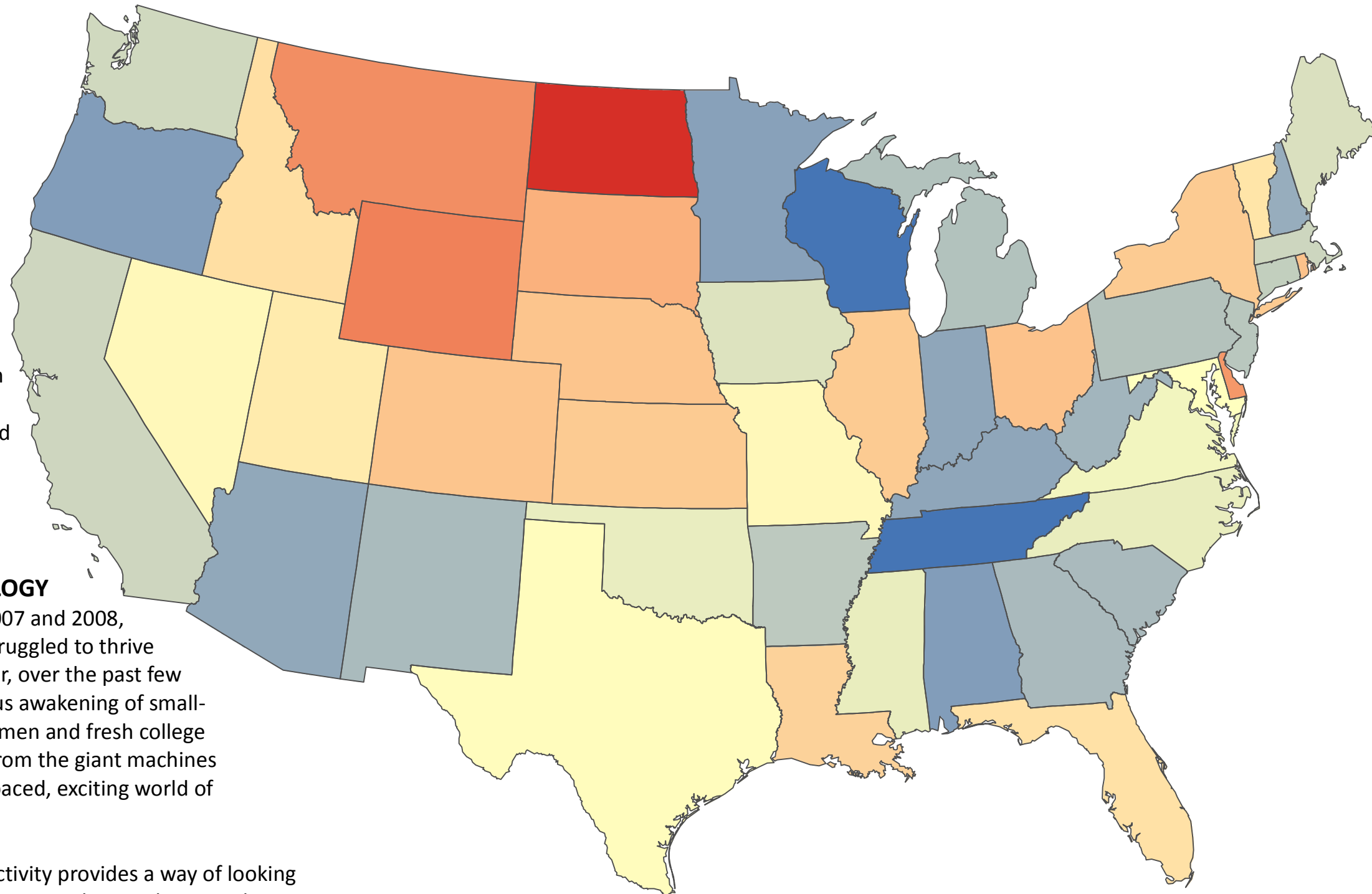
Top 10 States

1. North Dakota
2. Wyoming
3. Montana
4. Delaware
5. South Dakota
6. Ohio
7. Rhode Island
8. Colorado
9. Nebraska
10. New York

Bottom 10 States

41. West Virginia
42. New Hampshire
43. Arizona
44. Kentucky
45. Indiana
46. Minnesota
47. Oregon
48. Alabama
49. Tennessee
50. Wisconsin

Hergenrader Startup Rankings
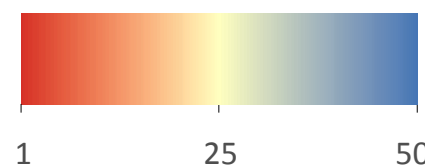
1   25   50

Miles
0 70 140   280   420   560

Created by: Wil Hergenrader (5/2/2016)
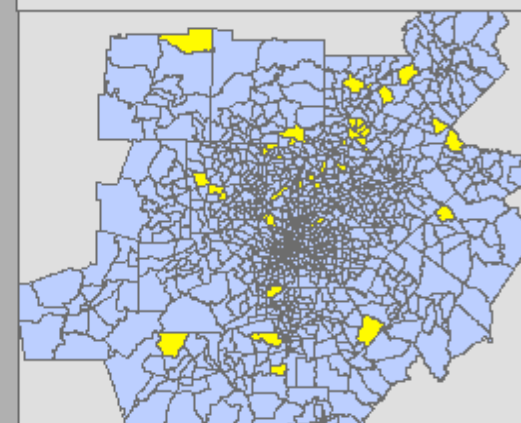
By: Sofia Awan May 2, 2016

Health and Affordability

The map below aids in assessing levels of medical coverage based on economic status in the Atlanta Region. The map analyzes affordable areas and prevalence of medical resources such as hospital and emergency medical services. Affordable areas are defined as areas where the average housing payments are less 30% of income. A rating system was created for this map that takes into account these factors, focusing attention on areas not meeting preferred ratings of 1-2.

Metro-Atlanta Region

Rome

0 4.25 8.5 Miles

N
W   E
S

Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community
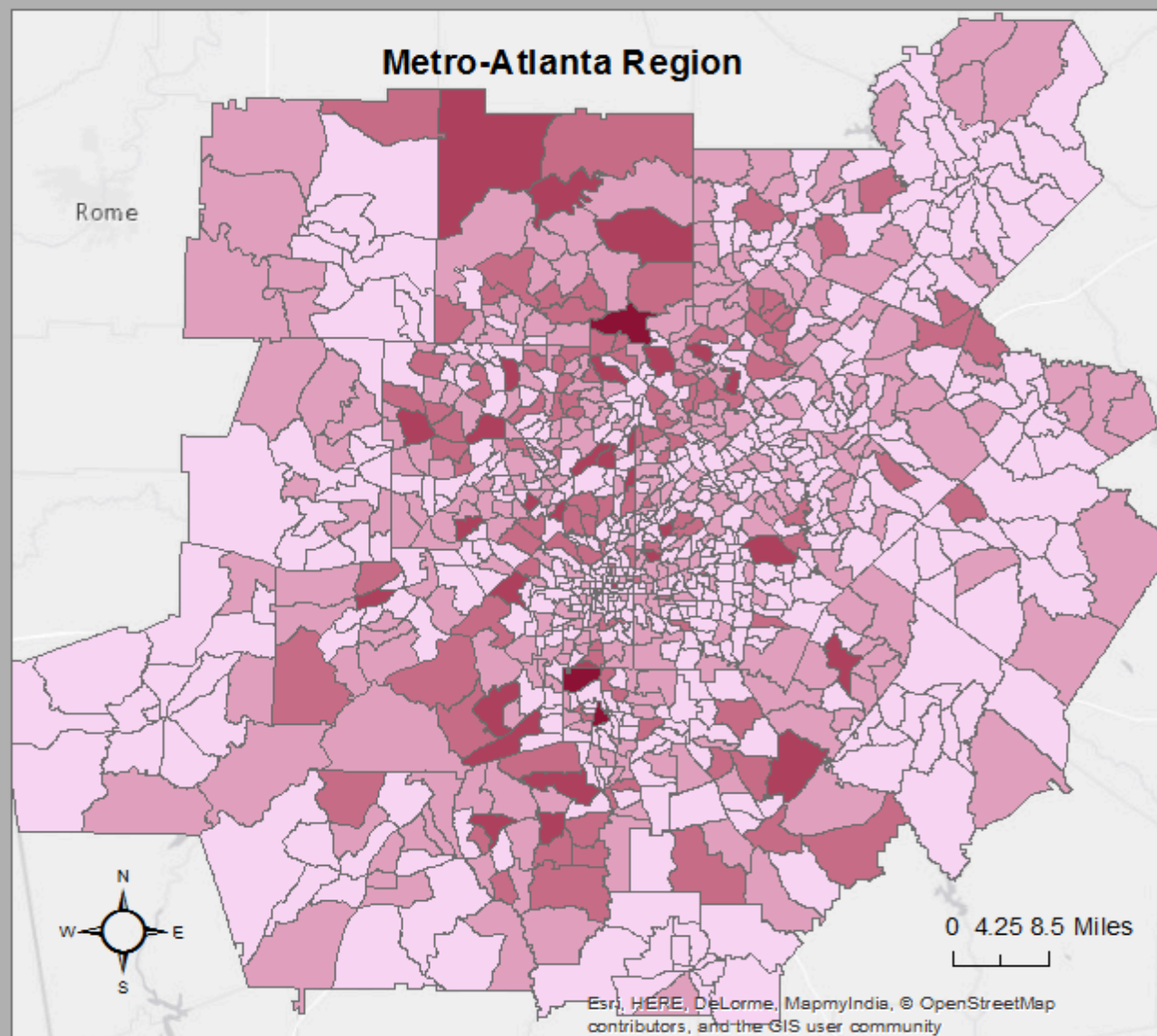
Debt to Income Ratio Less Than 30%

Rating

Medical Resources and Affordable Housing

	Rating
	0
	0 - 0.25
	0.25 - 0.5
	0.5 - 1.0
	1.0 - 1.75

Utah's National Parks

Legend:
- ▲ Campgrounds
- Trails
- Rivers
- Roads
- National Parks
- States

UTAH

Arches National Park

Bryce Canyon National Park

Zion National Park

Zion

Kolob Canyons Road

La Verkin Creek Trail

Hop Valley Trail

West Rim Trail

Coalpits Wash Trail

Scenic Dr

Deertrap Mountain Trail

Zion Canyon

Zion-Mount Carmel Highway

Chinle

Bryce Canyon

Mossy Cave Trail

Park Road

Fairyland Loop Trail

Inspiration Point Road

Bryce Canyon Overlook

Swamp Canyon Loop Trail

Park Road

Bristlecone Point Loop Trail

Arches

Private Arch Trail

Klondike Bluffs Trail

Klondike Bluffs

Salt Valley Road

Broken Arch Trail

Herdina Park

Delicate Arch Trail

Panorama Point

Delicate Arch Road

Willow Flats

Double Arch Trail

Balanced Rock Trail

Windows Road

Windows Loop Trail

Main Park Road

Park Avenue Viewpoint

Traveling to National Parks in the Contiguous United States
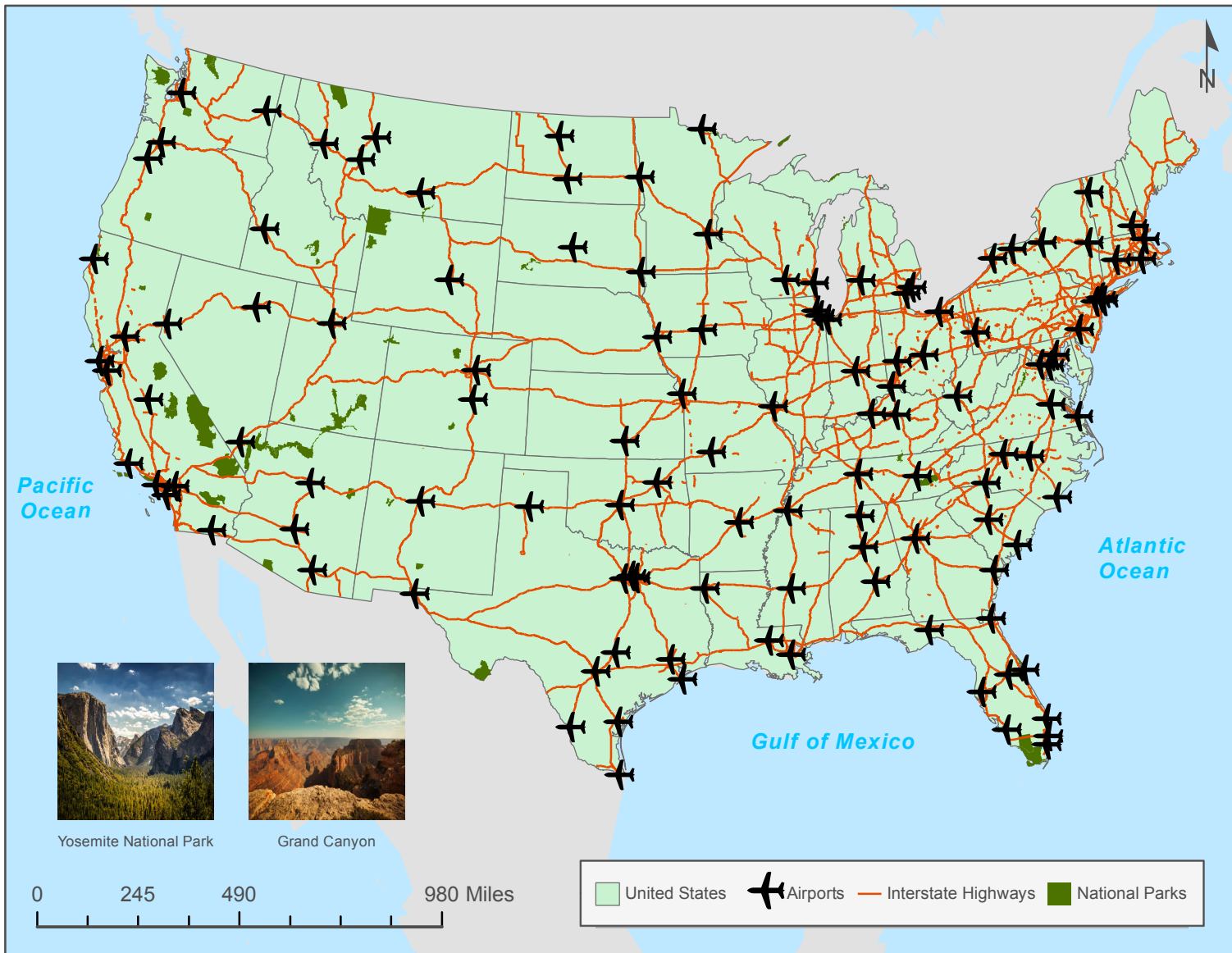
Oregon
Idaho
Nevada
Yosemite National Park
California
Pacific Ocean

Pacific Ocean

Atlantic Ocean

Gulf of Mexico

Yosemite National Park

Grand Canyon

Legend

United States	Airports	Interstate Highways	National Parks

0   245   490   980 Miles

With the wealth of interstates and airports across the United States, one should take advantage of the magnificent National Parks located throughout the country. Some of the most famous parks are the Grand Canyon in northern Arizona and Yosemite National Park in central California. These parks are beautiful year-round and are well worth the long distance for those living on the East Coast.

Nevada
Utah
Colorado
Grand Canyon
California
Arizona
New Mexico
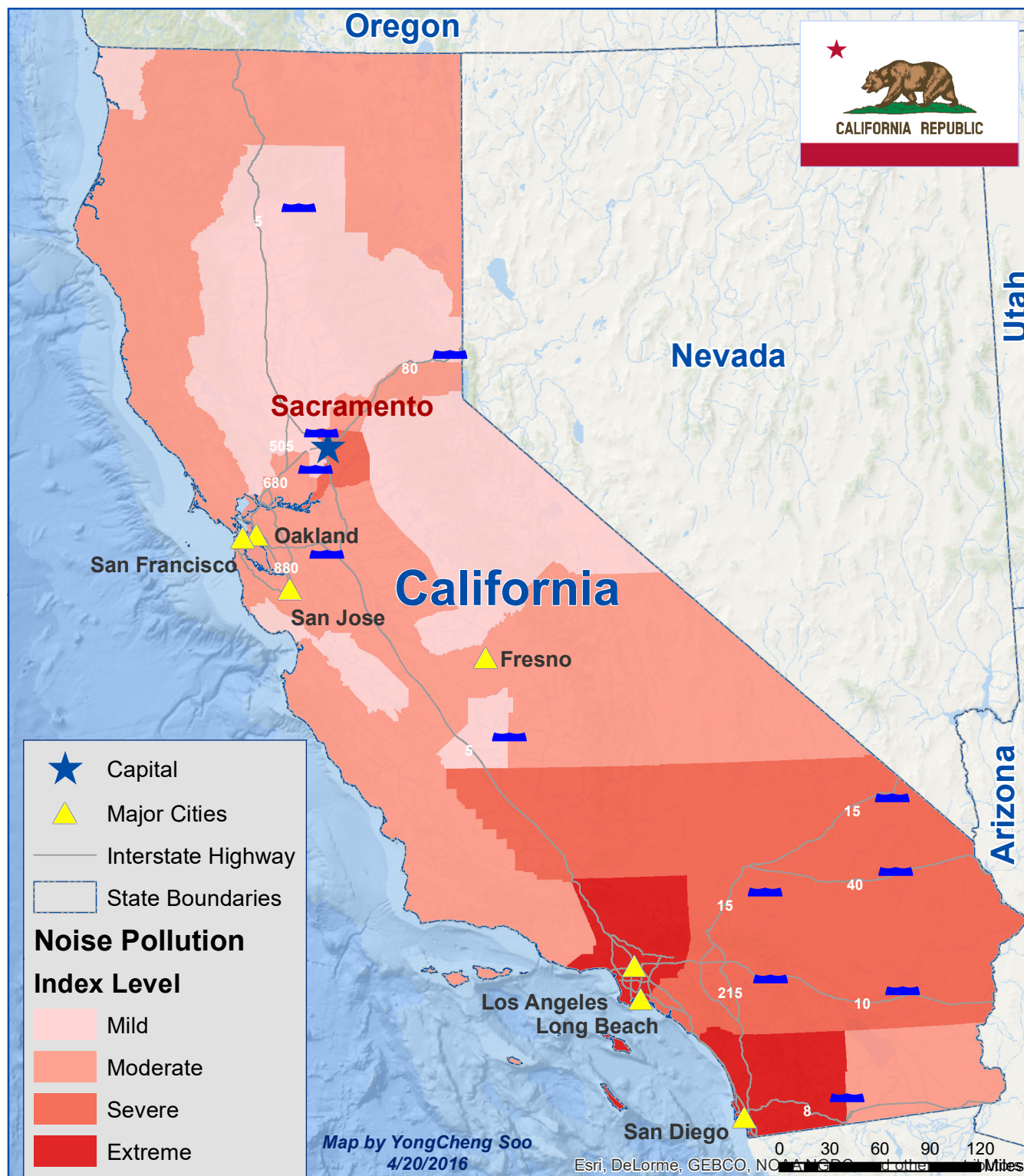
California Noise Pollution

Oregon

Nevada

Utah

Sacramento

California

Oakland

San Francisco

San Jose

Fresno

Arizona

Los Angeles
Long Beach

San Diego

Map by YongCheng Soo
4/20/2016

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

0 30 60 90 120
Miles

CALIFORNIA REPUBLIC

Legend

★ Capital

▲ Major Cities

— Interstate Highway

☐ State Boundaries

Noise Pollution

Index Level

Mild

Moderate

Severe

Extreme

Noise Pollution:
Takes place when there is either excessive amount of noise or an unpleasant sound that causes disruption.

Causes:
Noise pollution continues to grow in extent and severity as a result of population growth and urbanization.

Major Sources:
Sustained growth in highway and air traffic

Indexing

Noise pollution in each county was evaluated based on two criterias: number of airports and annual traffic volumes on California state hightway network.
Counties with more airports and larger traffic volumes such as Los Angelos and San Diego, are said to have extreme level of noise pollution.

Data Source: Caltrans, USGS,
Geospatial Data Gateaway

Impacts of Mining Acivities in Bolivia

Potosi - The Densest Mining Region in Bolivia
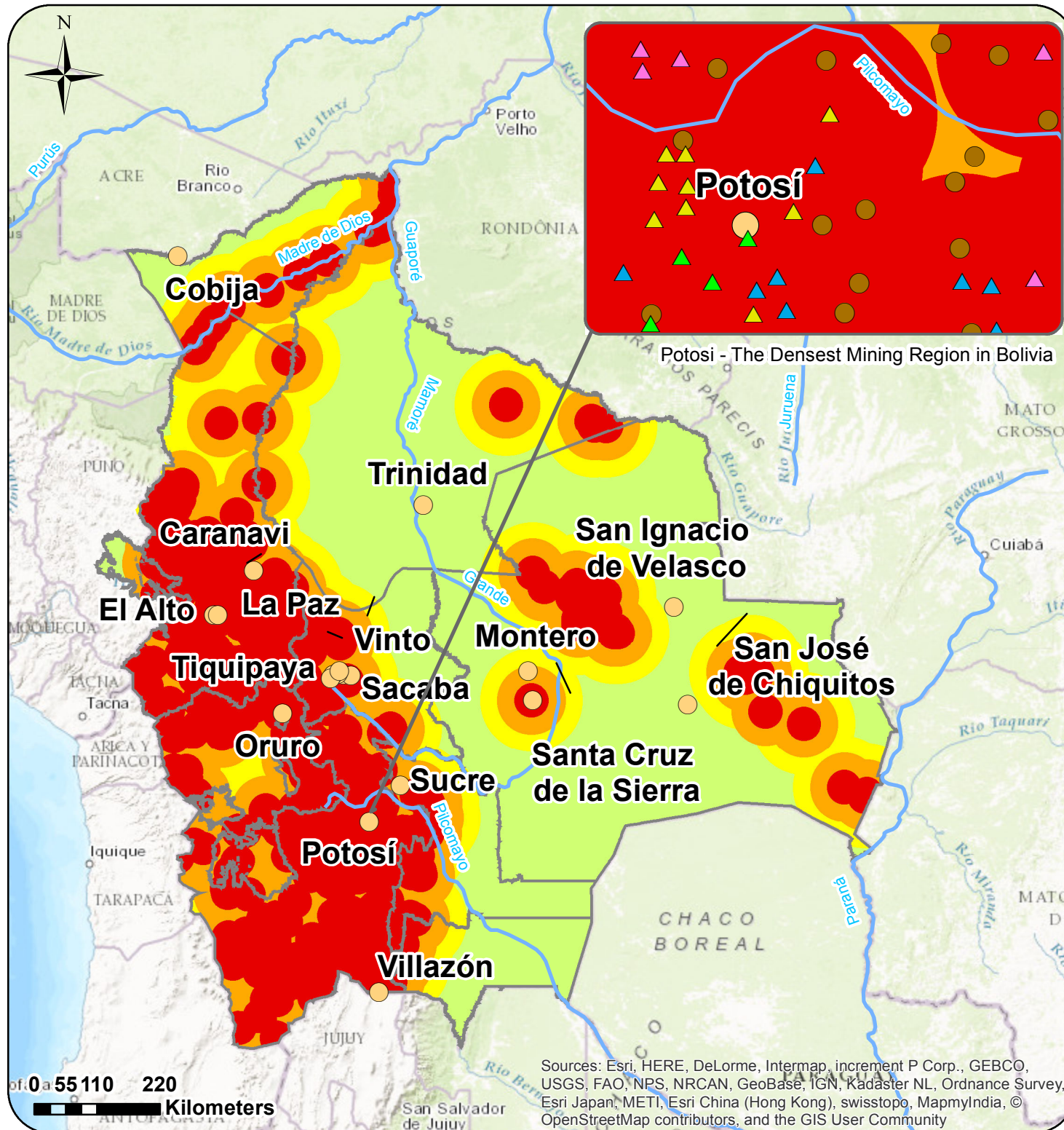
Active Mining Sites

- ▲ Ag
- ▲ Au
- ▲ Cu
- ▲ Fe
- ▲ Sn
- ▲ Zn

Cities and Towns

- ⬤ city
- ⬤ town

Major Rivers

Contamination Level

- 🟥 < 30 km heavy contamination
- 🟧 < 60 km intermediate contamination
- 🟨 < 90 km mild contamination

Bolivia is historically a mining country. Indigenous group has been mining the mountains for silver for centuries. Intensive mining activities started since Spanish conquest. However, mining activities can cause severe impacts on the environment, such as water pollution and also human health. This map shows the spatial distribution and severity of mining contamination and the possible impacts on major rivers (which are usually urban water sources) and major populated areas.

Map by: Qianye Mei
05/01/2016
Sources:
ESRI, OpenStreetMap, Natural Earth

School Location Score in Atlanta

Map by Brian Blume

When selecting a school, considering the location relative to other geographic features is very important. In this map, schools are catergorized by a location score. The higher the score, the better the location. This location score takes into account the school's proximity to parks, lakes, and undeveloped land, while using multipliers based on the type of school as well as the total enrollment. For example, a school with more than 500 students has a multiplier of two, as the more students also signifies a larger benefit or risk. Parks and lakes are benefits, while underdeveloped land is a risk.

Total score = (promxity to park * type of school + proximity to lake - proximity to undeveloped land * type of schoo) * enrollment multiplier
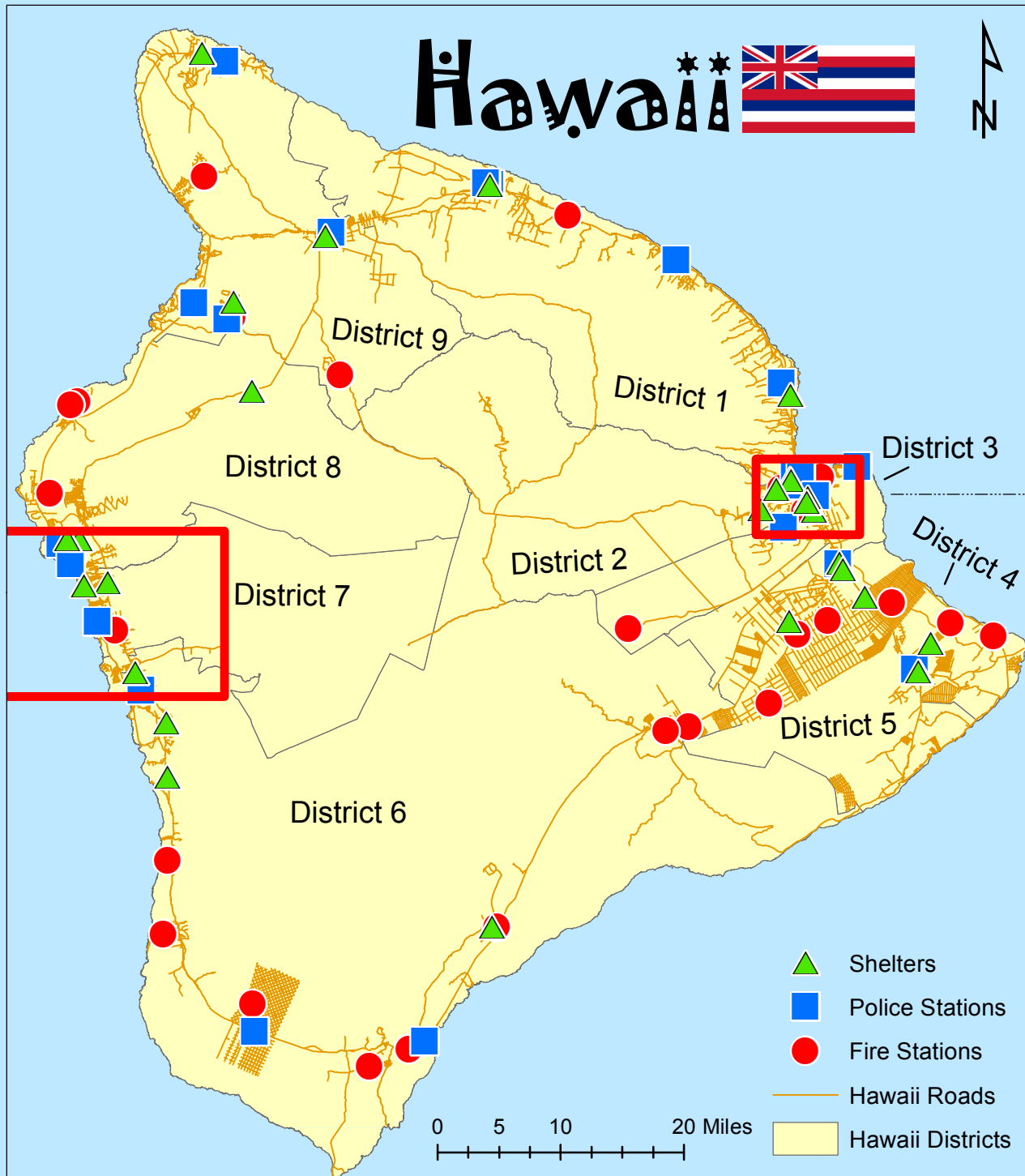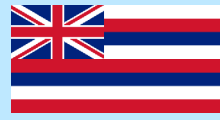
Schools in Atlanta

Location Rating
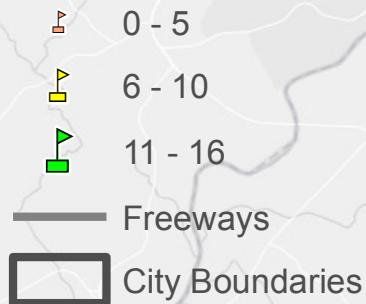
- 0 - 5
- 6 - 10
- 11 - 16
- Freeways
- City Boundaries

0   2   4   8 Miles

N

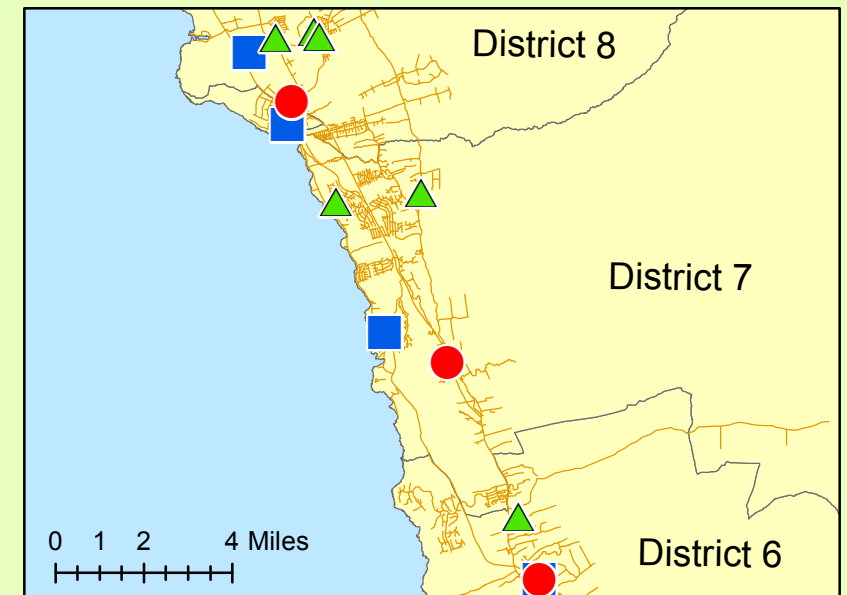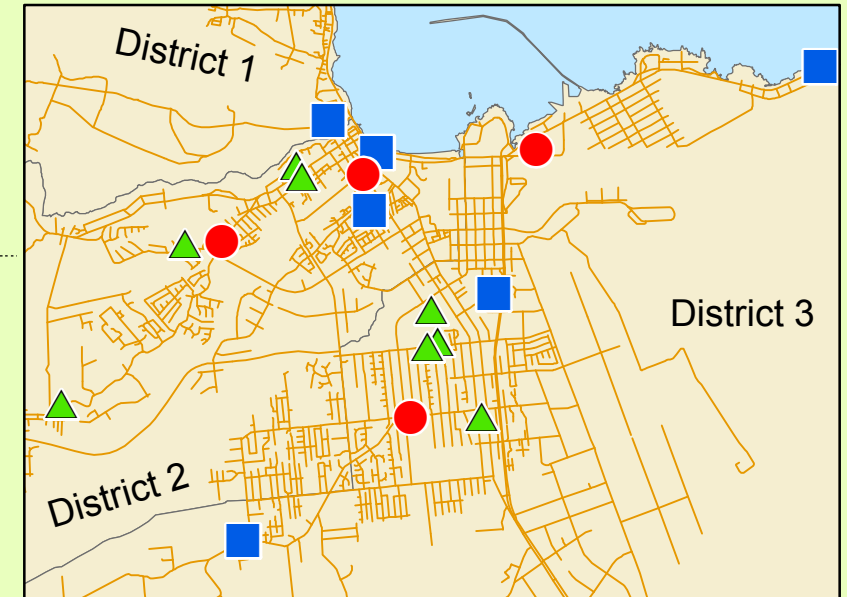Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Hawaii

This map shows some of the major facilities, roadways, and districts of the islands of Hawaii.
Each district is labeled and has indicators for the
shelters, police and fire stations.
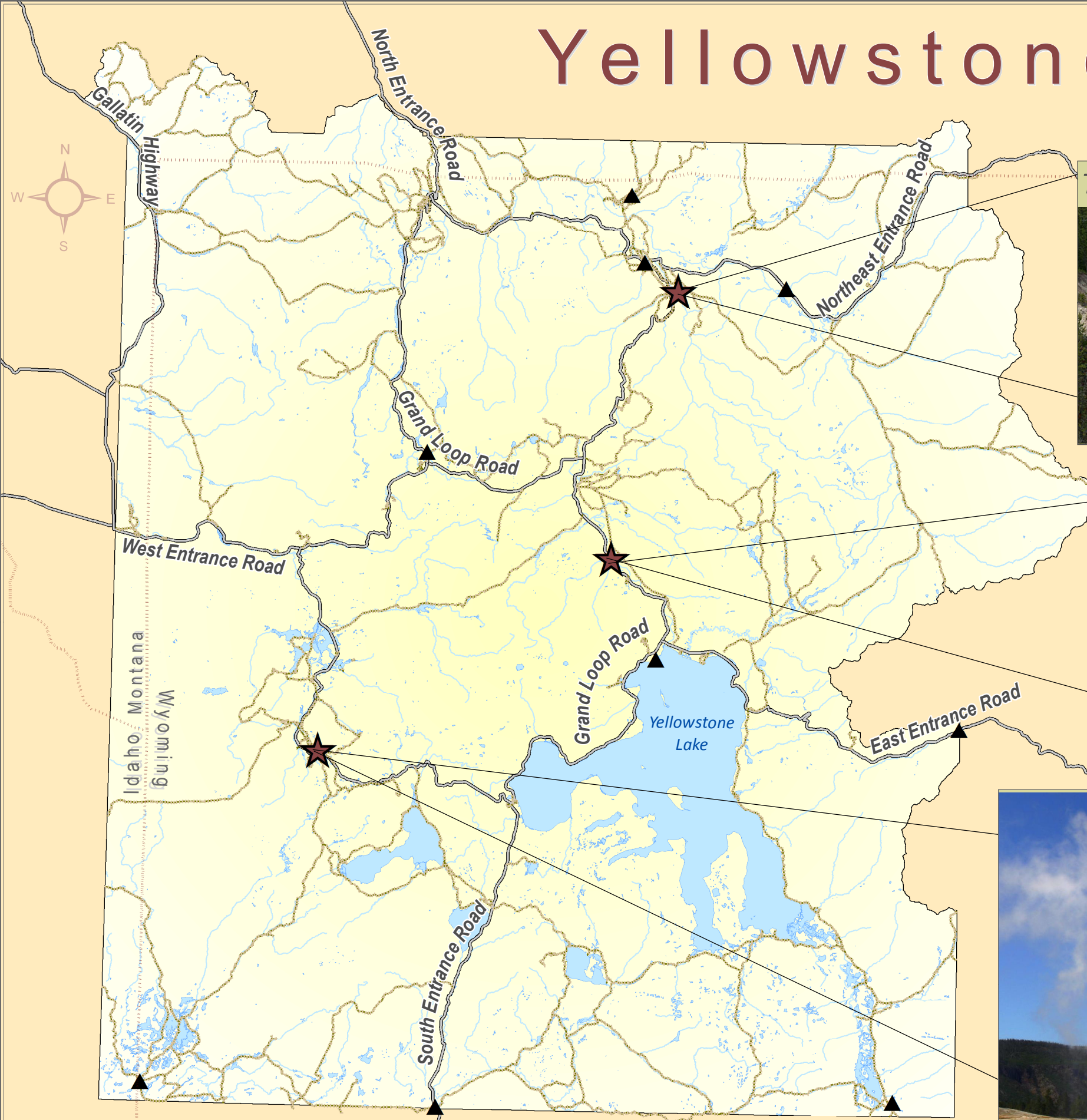The roadway connecting these facilities is also
shown on the map.

District 9

District 1

District 3

District 8

District 2

District 4

District 7

District 5

District 6

District 1

District 3

District 2

District 8

District 7

District 6

Legend

- ▲ Shelters
- ■ Police Stations
- ● Fire Stations
- — Hawaii Roads
- Hawaii Districts

0 5 10   20 Miles

0 1 2   4 Miles

Yellowstone National Park

Top 3 Attractions

The Grand Canyon of the Yellowstone

The Grand Canyon of the Yellowstone is the primary geological feature within the park's canyon district, measuring roughly 20 miles long, up to 1,200 ft in width and 4,000 ft in depth. The canyon encompasses the Lower Falls, one of the most photographed features in the park, and requires only a short 3/8 mile hike down to reach the edge of the falls.
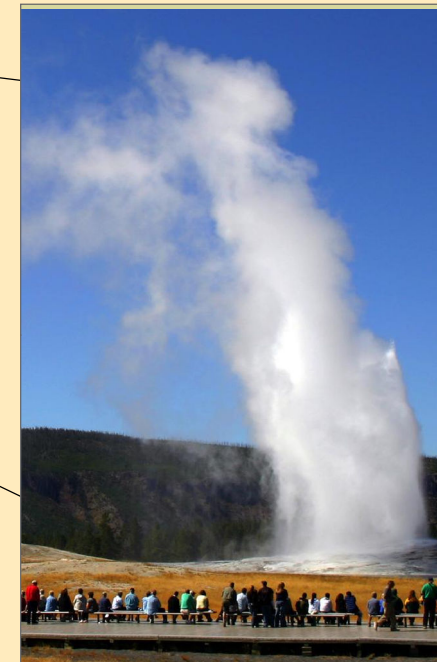
Hayden Valley

Hayden Valley is the primary spot to see wildlife in the park, with regular sitings of buffalo herds, elk, and the ocassional grizzly bear. The park also has several overlooks that offer a panoramic view of the beautiful valley scenery.
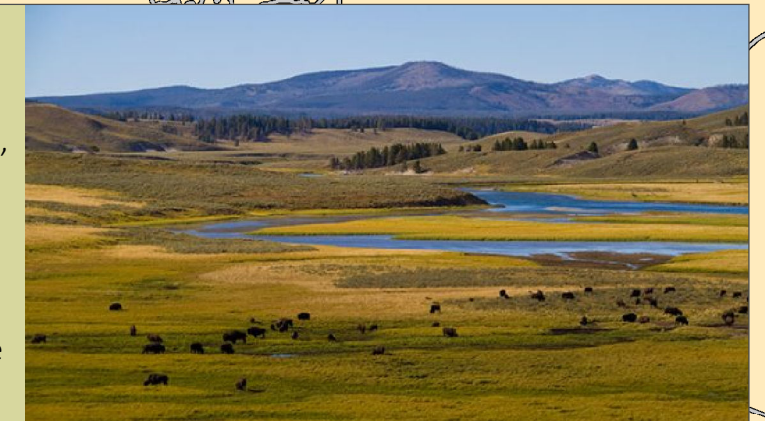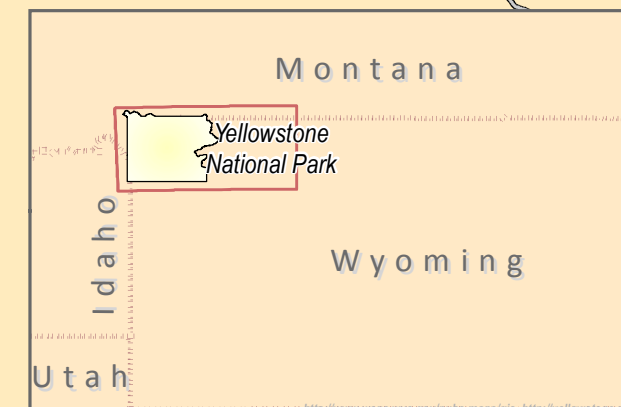

Old Faithful

Old Faithful erupts every 65 - 92 minutes, the most frequent of the large geysers within the park. Eruptions can last between 1 - 5 minutes, expelling up to 8,400 gallons of bowling water 184 feet high. Old faithful is located in the Upper Geyser Basin and is in walking disance of several other geysers and various park attractions, and can also be viewed or reached from nearby hiking and bike trails.

North Entrance Road

Gallatin Highway

Northeast Entrance Road

Grand Loop Road

West Entrance Road

Grand Loop Road

Yellowstone Lake

East Entrance Road

Idaho Montana

Wyoming

South Entrance Road

0   4   8   16   24
Miles

★ Top Attractions

▲ Ranger Station

—— Roads

—— Streams

┈┈ State Boundary

┈┈ Trails

Lakes

Park Boundary

Montana

Yellowstone National Park

Idaho

Wyoming

Utah

Map by Liz Wagar

Cities and Roads of Georgia

Map by: Chris Cawthon

Tennessee

North Carolina

South Carolina

Alabama

Florida

Atlanta

Macon

Columbus

Augusta

Savannah

Legend

- ——— Interstates
- ┼─┼─┼ Railroads
- ▨ City Areas
- ▨ Georgia Counties
- ▭ Southern States

0   20   40   80

Miles

N

Map of Colorado

WYOMING

NEBRASKA

COLORADO

UTAH

KANSAS

Longs Peak

Torreys Peak Grays Peak

Mount Bross

Maroon Peak

Mount Evans

Mount Yale

Huron Peak

Pikes Peak

Conundrum Peak Castle Peak

Antero, Mount

Mount Shavano

Mount Wilson

San Luis Peak

Humboldt Peak

Wilson Peak

North Eolus Windom Peak

Mount Lindsey

Mount Eolus

Sunlight Peak

Little Bear Peak

Culebra Peak

Legend

▲ Class 1 14er

▲ Class 2 14er

▲ Class 3 14er

▲ Class 4 14er

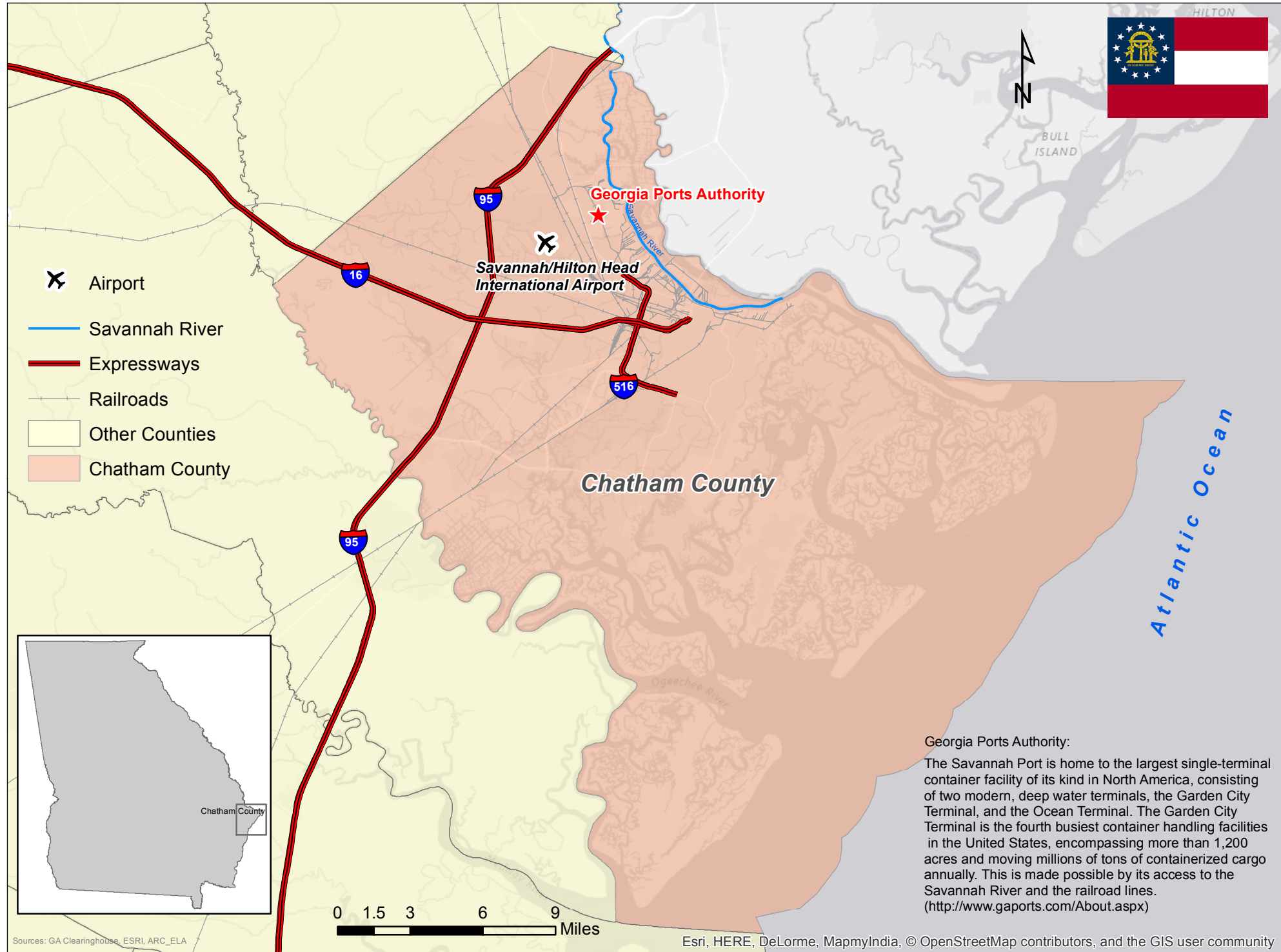✈ Airports

— Roads

☐ Counties

☐ USA States

A 14er is a mountain with 14,000 Ft in elevation or above.
This is a map of Colorado with the different classes
of 14ers in how easy it is to climb and the airports and roads leading to them.

NEW MEXICO

OKLAHOMA

TEXAS

0   50   100   200 Miles

Chatham County

Map By: Kevin Forbes

HILTON

BULL
ISLAND

95

Georgia Ports Authority

Savannah River

**Savannah/Hilton Head
International Airport**

16

N

Chatham County

Atlantic Ocean

✈ Airport

—— Savannah River

—— Expressways

--- Railroads

    Other Counties

    Chatham County

516

95

Ogeechee River

Chatham County

Chatham County

Georgia Ports Authority:

The Savannah Port is home to the largest single-terminal
container facility of its kind in North America, consisting
of two modern, deep water terminals, the Garden City
Terminal, and the Ocean Terminal. The Garden City
Terminal is the fourth busiest container handling facilities
 in the United States, encompassing more than 1,200
acres and moving millions of tons of containerized cargo
annually. This is made possible by its access to the
Savannah River and the railroad lines.
(http://www.gaports.com/About.aspx)

0 1.5 3   6   9
Miles

Los Angeles Earthquake Disaster

CALIFORNIA REPUBLIC

Los Angeles

Kern

Ventura

San Bernardino

Riverside

Orange

| 0 | 9.5 | 19 Miles |

✈ LA Airports   - - - - Fault Lines   —— LA Disaster Rhoutes

Oregon

Nevada

Arizona

Pacific Ocean

Del Norte, Siskiyou, Modoc, Shasta, Lassen, Humboldt, Trinity, Tehama, Plumas, Mendocino, Glenn, Butte, Sierra, Colusa, Yuba, Nevada, Lake, Placer, Sonoma, Napa, Yolo, El Dorado, Alpine, Solano, Sacramento, Amador, Calaveras, Marin, Contra Costa, San Joaquin, Tuolumne, Mono, San Francisco, Alameda, Stanislaus, Mariposa, San Francisco, Santa Clara, San Mateo, Santa Cruz, Merced, Madera, San Benito, Fresno, Inyo, Kings, Tulare, Monterey, San Luis Obispo, Kern, San Bernardino, Santa Barbara, Los Angeles, Ventura, Santa Barbara, Orange, Riverside, Ventura, Los Angeles, San Diego, Imperial, Los Angeles

California

Legend
- • Recorded Earthquakes
- � City Area
- ▪ Counties
- ▪ Los Angeles
- ▪ State Boundary

| 0 | 80 | 160 Miles |

Approximately 10,000 earthquakes occur in California per year. Many of these are not even noticable, but some of the more powerful ones destroy infrasture in major cities. Los Angeles is one of those major cities that has to deal with the disasters caused by earthquakes. Fault lines are tectonic plates that are interacting with each other and are where the earthquakes occur. The last major earthquake in the LA area was in 2014 and costed the county $10.6 million. Disaster rhoutes which are shown on the map are highways that are not as close to the faults, and are where access roads allow for evacuation. It is dangerous because infrastructure such disaster rhoutes and airports are often destroyed, which prevents proper evacuation and disaster relief.

Author: Chris Mancini 10/15/16
Sources: DOT California, Government Census-US, California Undgraduate Earthquake Studies

EARTHQUAKE   EARTHQUAKE AREA

The Appalachian Trail
Georgia Section

N W E S

Plumorchard Gap

Deep Gap

Blue Mountain

Tray Mountain

Low Gap

Blood Mountain

Woods Hole

Whitley Gap

Hawk Mountain

Stover Creek

Springer Mountain

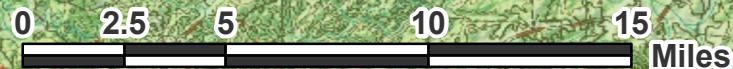Gooch Mountain

Black Gap
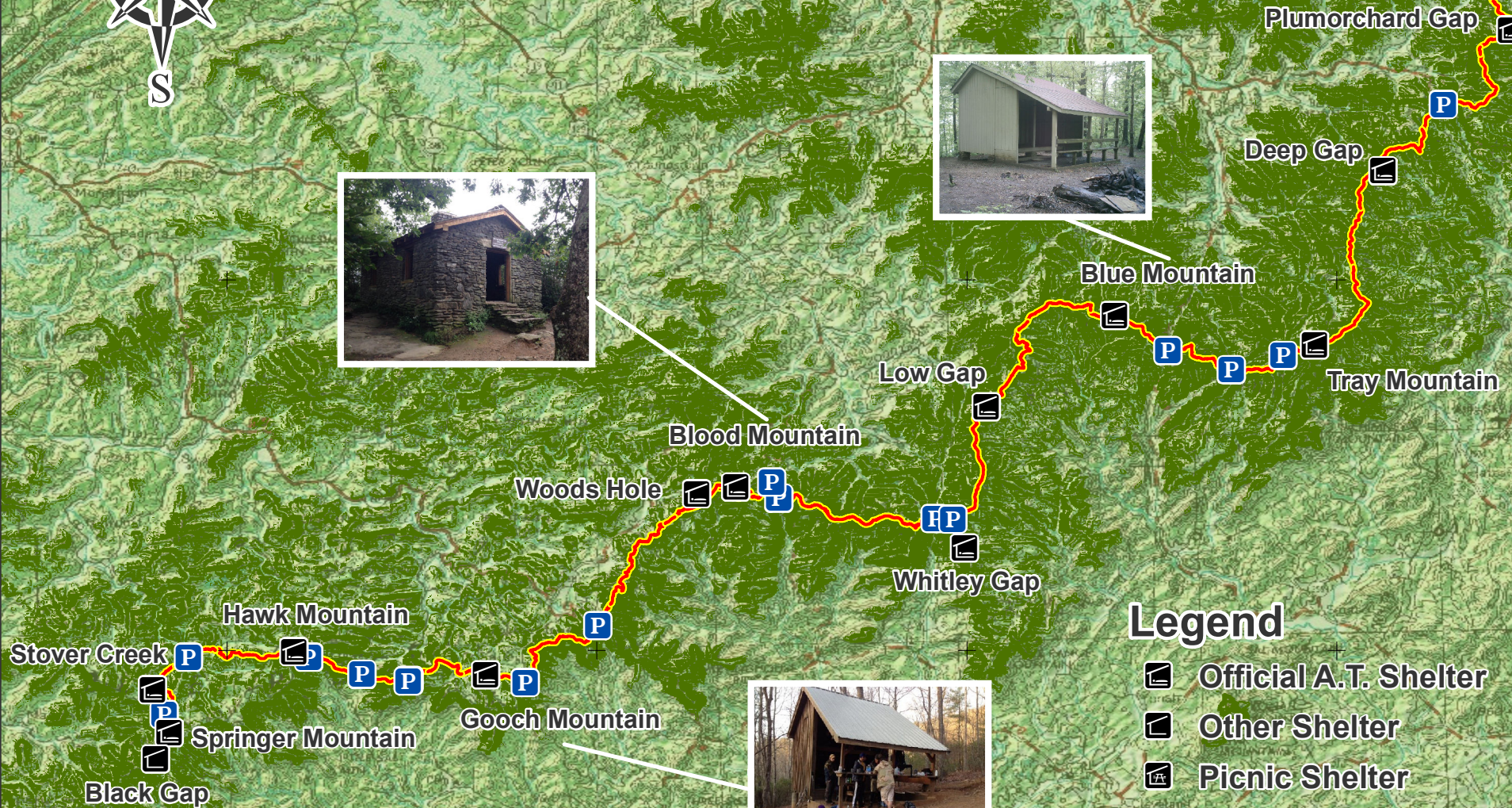
Legend

- Official A.T. Shelter
- Other Shelter
- Picnic Shelter
- Hostel
- **P** A.T. Parking
- Appalachain Trail
- Protected Mountain Area

Map by Merq Belongilot 10/15/16

Data Provided by Appalachian Trail
Conservancy and Georgia Planning

0   2.5   5   10   15   Miles

Grant Park & Zoo Atlanta

Zoo Atlanta can be found in the heart of Grant Park. It is a hidden gem of the city that can take you across the globe from the planes of Africa to the Asian Forest.
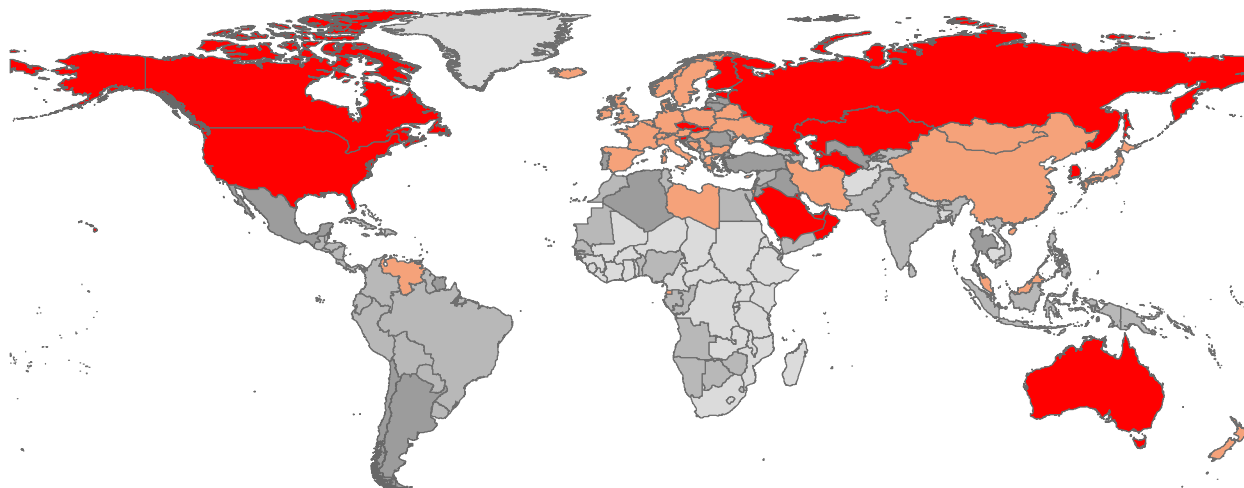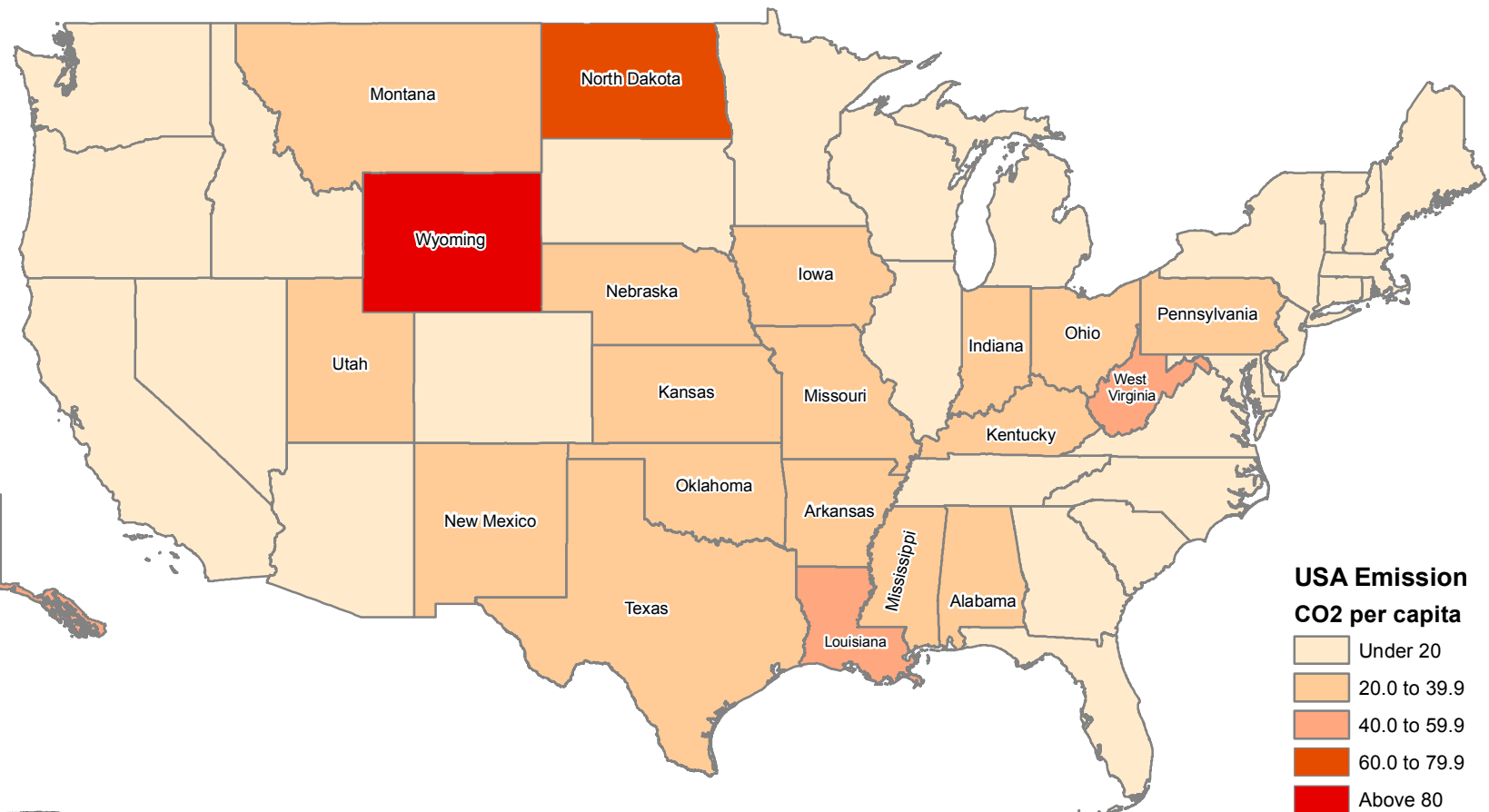
Main map (labels)

Vine City
Downtown
Oakland
Cabbagetown
Castleberry Hill
Capitol Gateway
Reynoldstown
Mechanicsville
Grant Park
Summer Hill
Ormewood Park
Adair Park
Peoples Town
Capitol View
Boulevard Heights
Chosewood Park
State Facility

I-20
I-75

0   0.5   1 Miles

Legend:

- Zoo Atlanta
- Streets
- Interstates
- Parks
- Grant Park

Inset map (top right)

I-20
Narrow St SE
Bryan St SE
Kalb St SE
Oakland Ave SE
Sydney St SE
Glenwood Ave SE
Park Ave SE
Waldo St SE
Cameron St SE
Berne St SE
Berne St SE
Augusta Pl SE
Cherokee Ave SE
Mercer St SE
Boulevard Dr SE
Eloise Ct SE
Ormewood Ave SE
Grant Park
Rosedale Ave SE
Delmar Ave SE
Province Pl
Atlanta Ave SE

Inset map (bottom right)

Augusta Pl SE
Cherokee Ave SE
Boulevard Dr SE
Grant Park
Rosedale Ave SE
Zoo Atlanta
Atlanta Ave SE
Kendrick Ave SE

USA's Carbon Dioxide Emission Jinghua Yang 12/05/2016

This map shows the Carbon Dioxide emission per capita of the United States and highlights the states with higher emission rate. USA has a much higher rate of Carbon Dioxide emission rate compared to the rest of the world. Americans constitute 5% of the world's population but consum 24% of the world's energy.

Montana
North Dakota
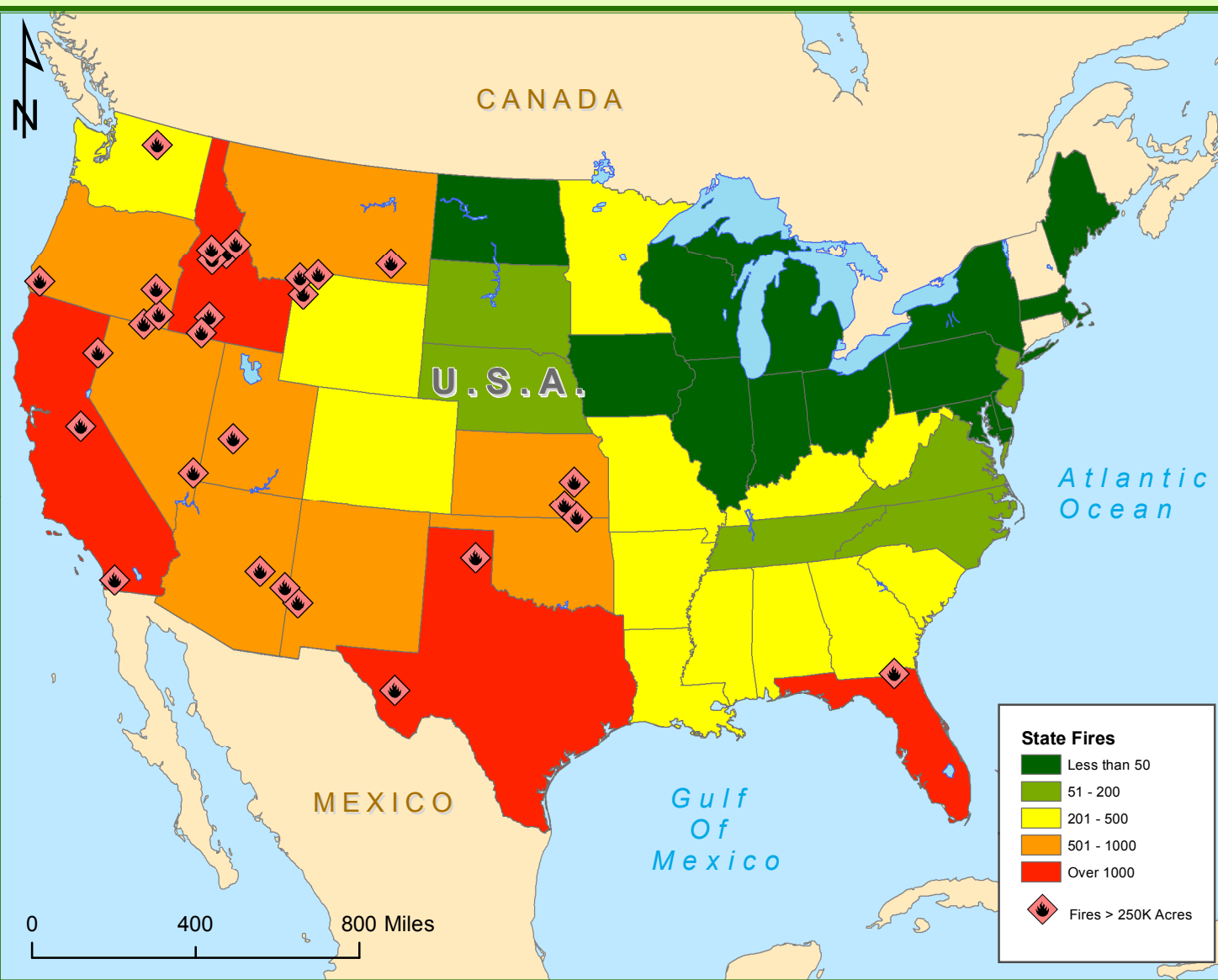Wyoming
Iowa
Nebraska
Pennsylvania
Indiana
Ohio
Utah
West Virginia
Kansas
Missouri
Kentucky
Oklahoma
Arkansas
New Mexico
Mississippi
Alaska
Alabama
Texas
Louisiana

USA Emission
CO2 per capita

- Under 20
- 20.0 to 39.9
- 40.0 to 59.9
- 60.0 to 79.9
- Above 80

0 137.5 275 550 Miles

World Emission
CO2 per capita

- Under 1
- 1.0 - 2.9
- 3.0 - 4.9
- 5.0 - 10.9
- Above 11

0 1,350 2,700 5,400 Miles

N

Annotation:
http://thematicmapping.org/downloads/world_borders.php
http://www.wri.org/resources/data-sets/cait-historical-emissions.html
https://www.census.gov/geo/maps-data/data/cbf/cbf_region.html

The Severity of Large Fires in the United States

CANADA

ALASKA

Pacific Ocean

CANADA

Atlantic Ocean

U.S.A.

MEXICO

Gulf Of Mexico

State Fires

- Less than 50
- 51 - 200
- 201 - 500
- 501 - 1000
- Over 1000
- ◆ Fires > 250K Acres

0   400   800 Miles

This map indicates the location and severity of all large fires in the United States and Alaska from 1984 to present. Large fires are classified as being greater than 1,000 acres in the western U.S. and greater than 500 acres in the eastern U.S..The map also identifies extreme fires greater than 250,000 acres, most of which are located on the West Coast and Alaska.

The data on these documented large fires is collected by the Monitoring Trends in Burn Severity (MTBS) project, conducted through a partnership between the U.S. Geological Survey National Center for Earth Resources Observation and Science and the USDA Forest Service Remote Sensing Applications Center. -US Forest Service, Department of Agriculture

Atlanta Neighborhoods

Diversity

- Very Low
- Low
- Average
- High
- Very High

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
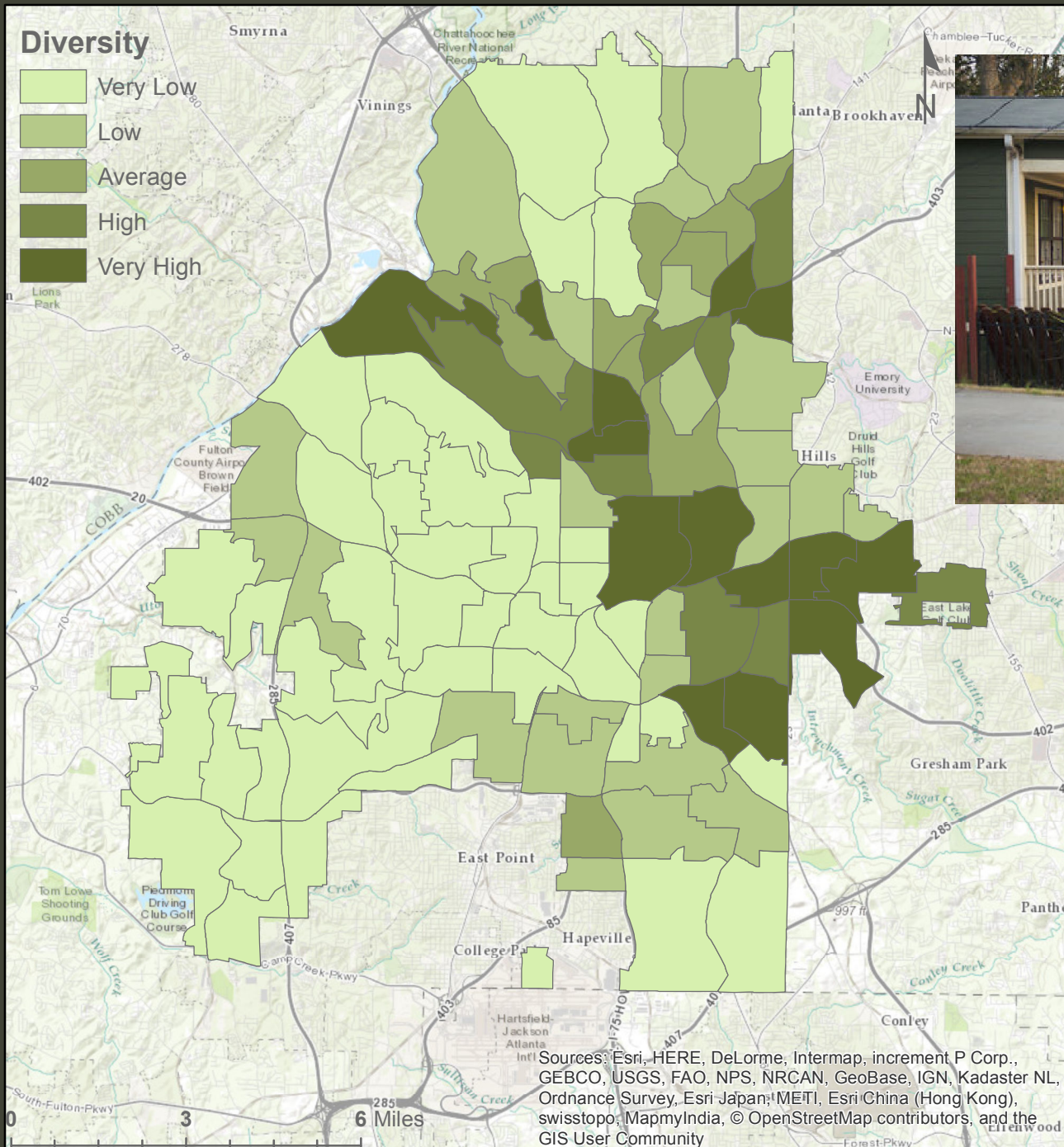
Some people prefer to live with people of the same race and ethnicity, while others enjoy neighborhoods with varied backgrounds.
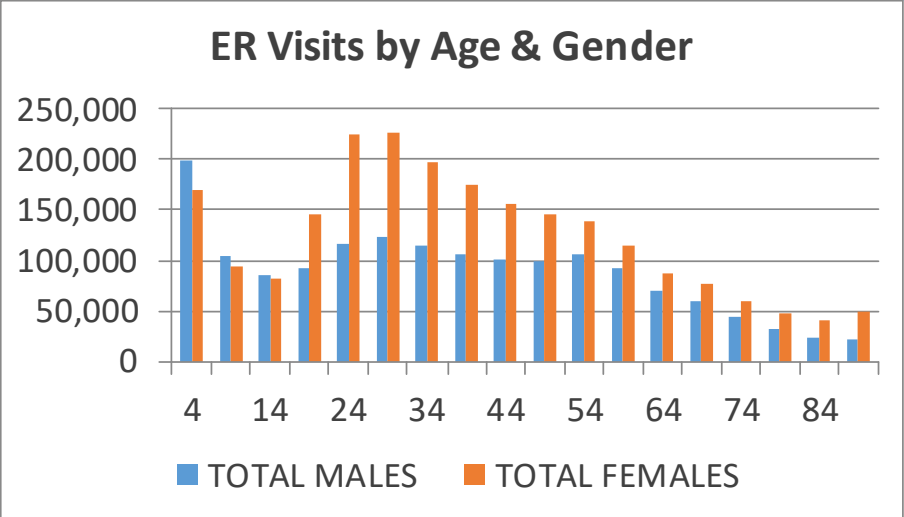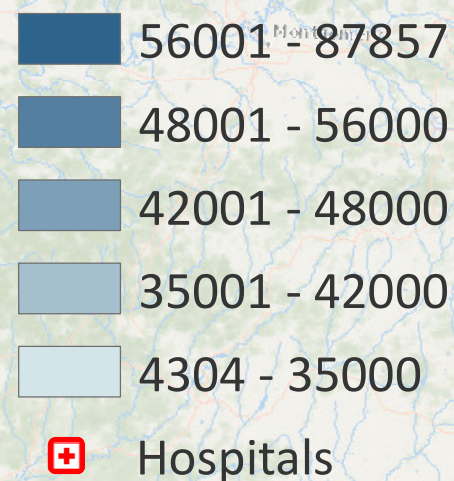
The map shown ranks the neighborhoods based on their diversity. The races included in the calculation are asian, black, hispanic, and white.

The more evenly distributed races are, the higher the neighborhood is ranked. As seen in the map, the northern and southern extremities of Atlanta are not as racialy diverse as the central portion of the city.
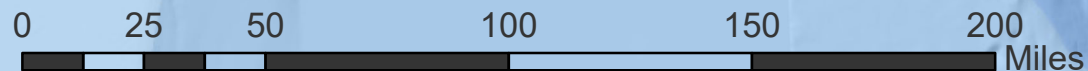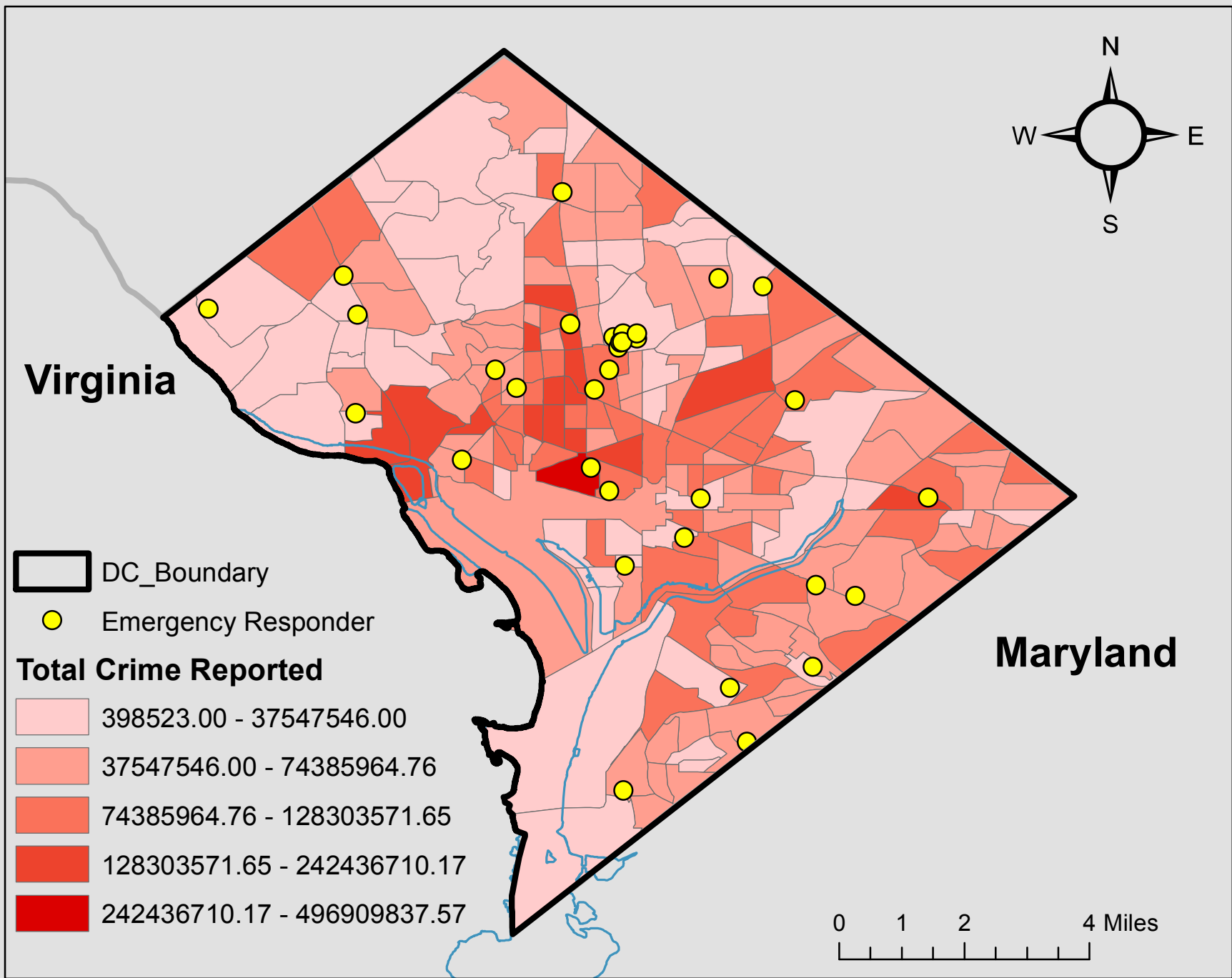
Georgia Emergency Room Visits

ER Visit Rate (per 100k)

- 56001 - 87857
- 48001 - 56000
- 42001 - 48000
- 35001 - 42000
- 4304 - 35000

⊞ Hospitals

Data obtained from GA Dept of Public Health
Map by Merq Belongilot

ER Visits by Age & Gender

250,000		
200,000		
150,000		
100,000		
50,000		
0		

4   14   24   34   44   54   64   74   84

■ TOTAL MALES   ■ TOTAL FEMALES

0   25   50   100   150   200
Miles

Total Crime Reported map (left panel)

N / W — E / S compass

Virginia

Maryland

Legend:
- DC_Boundary
- Emergency Responder

Total Crime Reported
- 398523.00 - 37547546.00
- 37547546.00 - 74385964.76
- 74385964.76 - 128303571.65
- 128303571.65 - 242436710.17
- 242436710.17 - 496909837.57

0   1   2   4 Miles

POP DENSITY map (top right panel)

Virginia

Maryland

POP DENSITY
- 0.00 - 5220.88
- 5220.88 - 10828.61
- 10828.61 - 18224.88
- 18224.88 - 30036.22
- 30036.22 - 54678.31

0   1   2   4 Miles

AVG Income map (bottom right panel)

Virginia

Maryland

AVG Income
- 0.00 - 37619.02
- 37619.02 - 64876.29
- 64876.29 - 109893.16
- 109893.16 - 176560.95
- 176560.95 - 341301.74

0   1   2   4 Miles

Emergency Responders in D.C.

The purpose of these maps is to provide insight on on what factors might contribute to the location of emergency responders (police stations and hospitals) in Washington, D.C.. Although the locations of the emergency responders, which are depicted as yellow points, are spread out relatively evenly, it can be seen that there is a cluster surrounding the middle of the city. This area has a high population density with a low average income, and there's also a large amount of crimal incedents reported. These three factors provide some insight on why the city might have emergency responders around this area, and also where the city would want to put new ones in place.
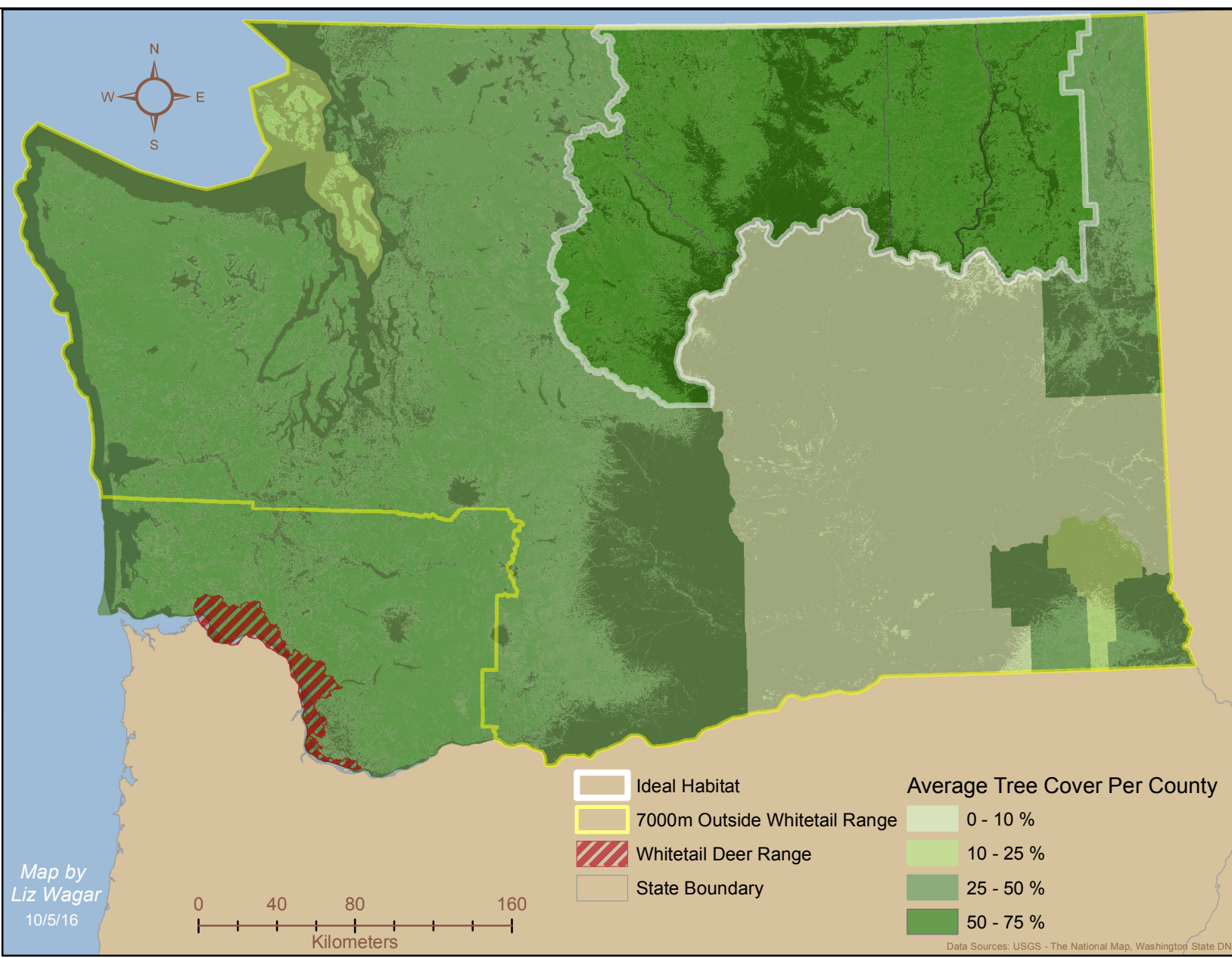
http://opendata.dc.gov

Map by Alex Lim
12/5/2016
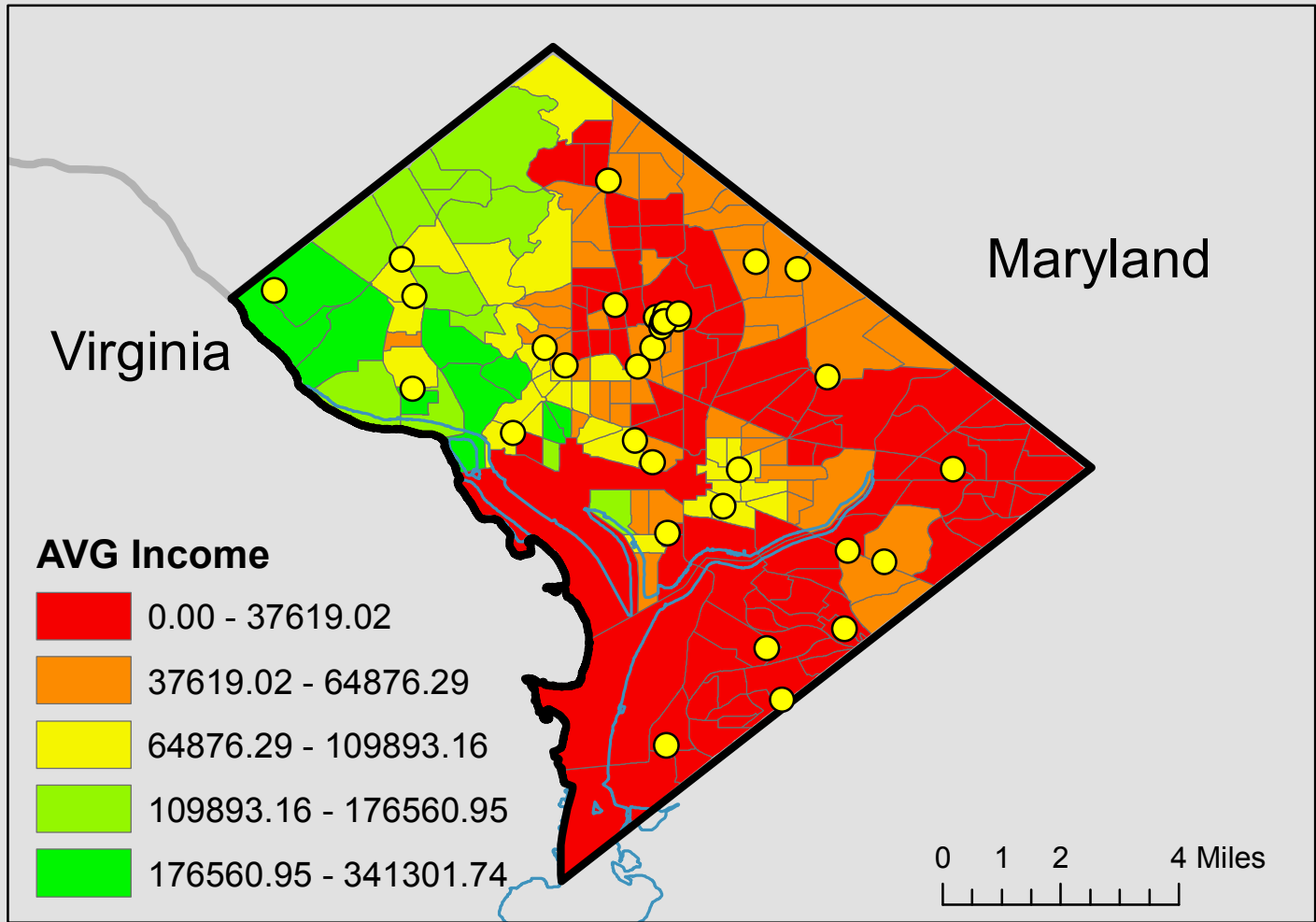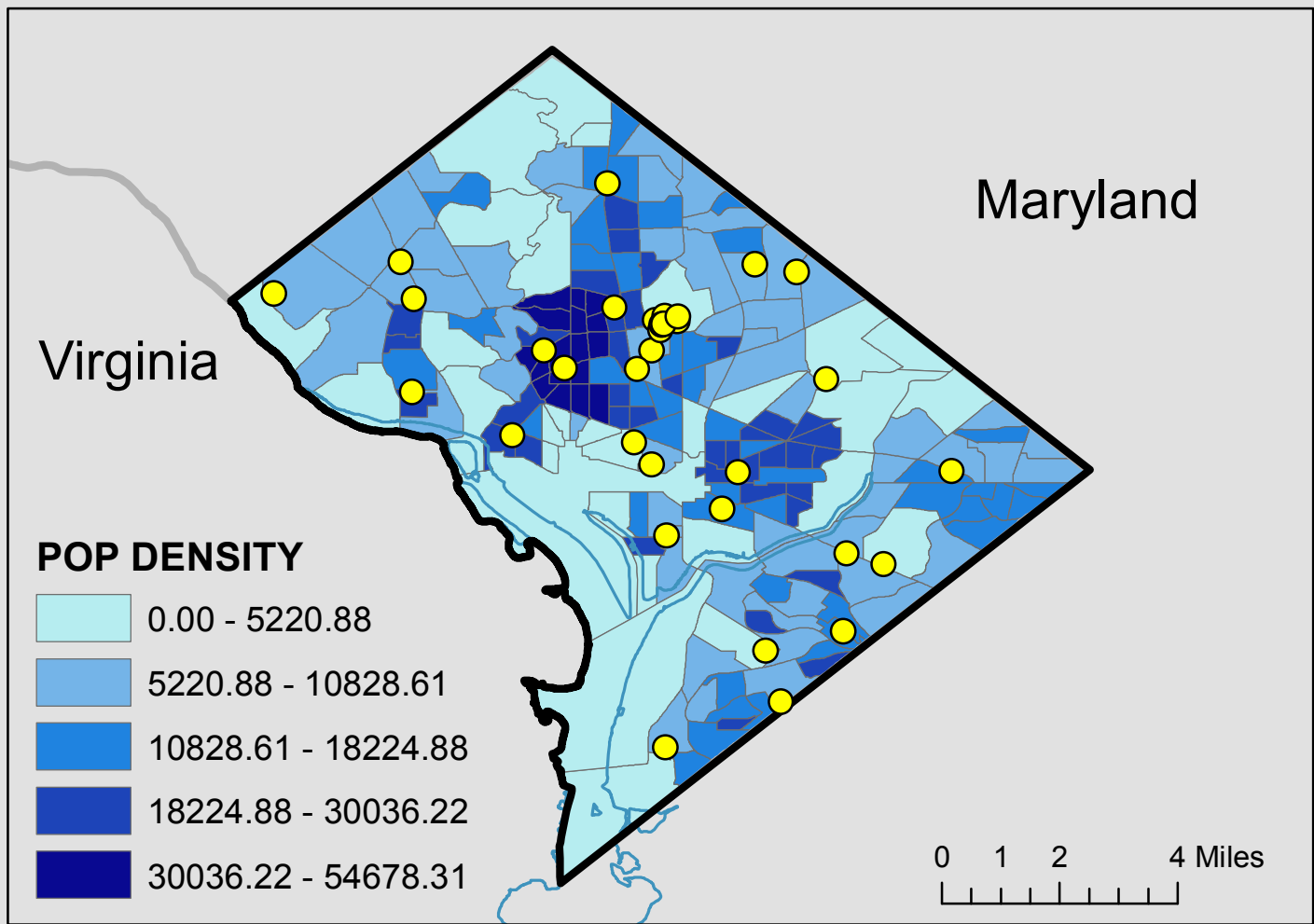
Ideal Moose Habitats *State of Washington*

The map shown below finds habitats ideal for moose in the State of Washington based on tree cover and distance from whitetale deer habitat.

Tree cover is an important aspect of moose habitats for various reasons. Moose's diets mainly consist of leaves, twigs, bark, and shrubs. In the summer months, trees provide cover from the sun. In the winter months the trees provide cover from heavy snowfall, as well as allowing the moose to have a source of food when high snow covers the shrubs that they feed on in warmer months.

Recent studies have shown that moose population tends to decline when in the presence of a high population of whitetail deer. This is because whitetail deer can become host to a brain worm (P.tenius) that they are largely unaffected by, but these worms can have extreme negative consequences for moose. Because of this, it is ideal for moose to live outside the range of whitetail deer habitat, considering on the map below that deer generally tend not to wander more than 7000m outside of their habitat.

Map by Liz Wagar
10/5/16

Kilometers
0   40   80   160

Ideal Habitat
7000m Outside Whitetail Range
Whitetail Deer Range
State Boundary

Average Tree Cover Per County
0 - 10 %
10 - 25 %
25 - 50 %
50 - 75 %

Data Sources: USGS - The National Map, Washington State DNR

Move to scenic CAPE CORAL Safest city in Florida
(From Hurricanes)

Do you want to move to the beautiful coast of Florida? Do you like living in a big city? Are you terrified of Hurricanes? Well then Cape Coral is just the town for you! Our Mapping experts have analyzed Florida and have discovered that Cape Coral is the only city with a population over 100,000 that lies within a "low risk" county for hurricanes!
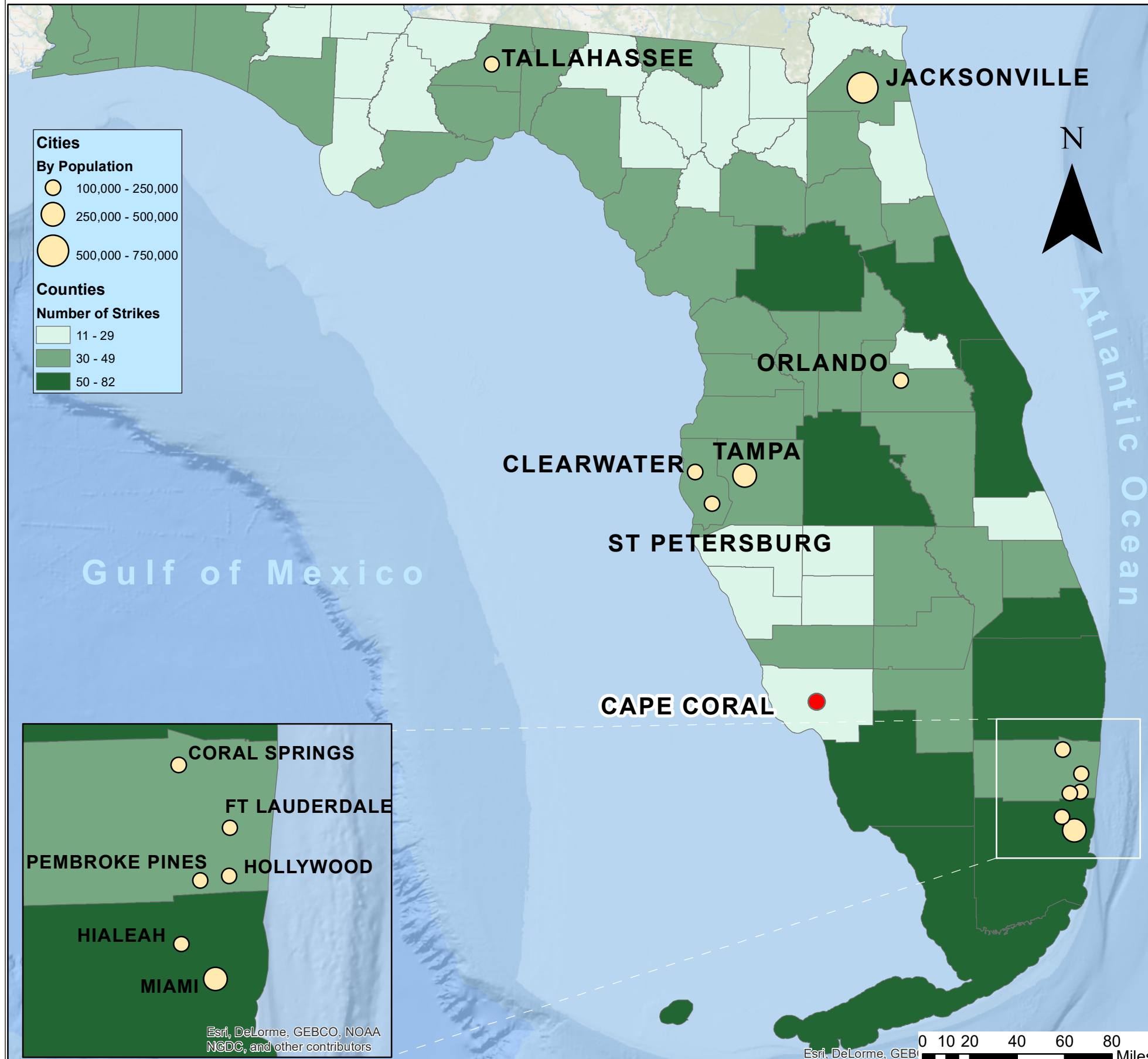
What makes us low risk you ask? Check it out for yourself! Lee county has only been hit directly by a hurricane 28 times in recorded history! Compare that to many of the other Florida Counties and we have a great record.

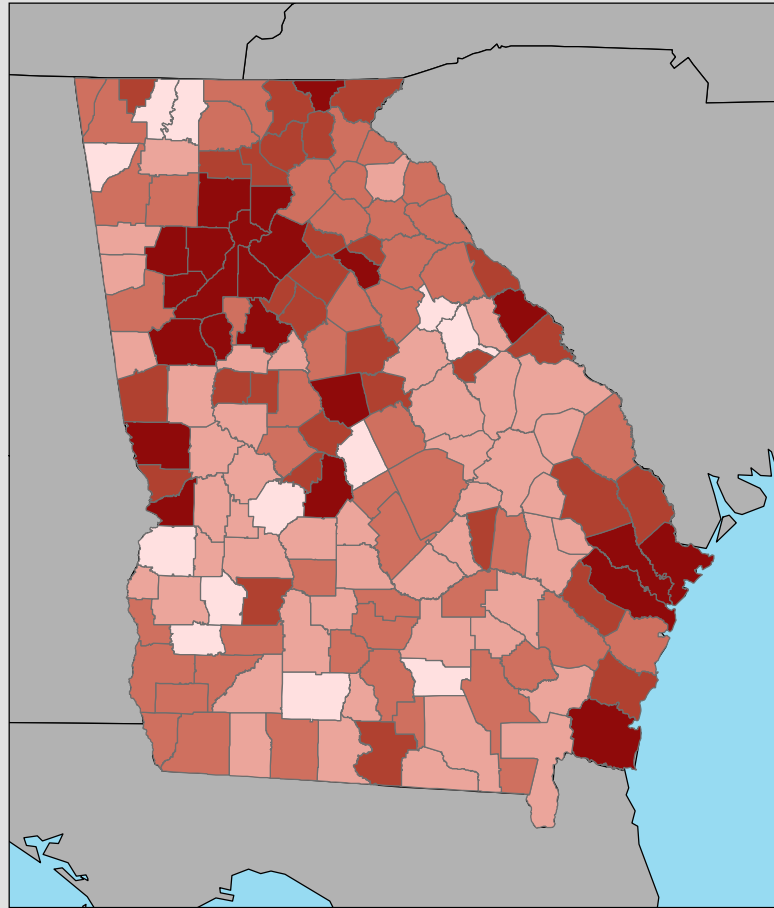So come enjoy our pristine beaches, calm intercoastal waterways, and wonderful city

Created by Eric Griggs

Note: The county borders shown are extended into the ocean. Due to this, the shoreline is not properly portrayed.
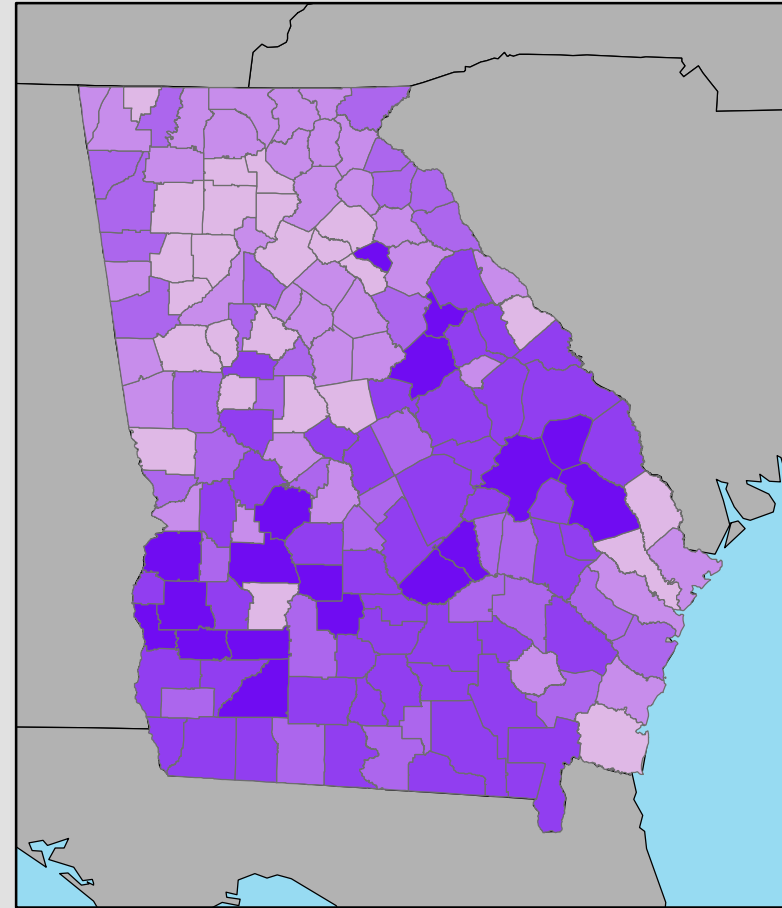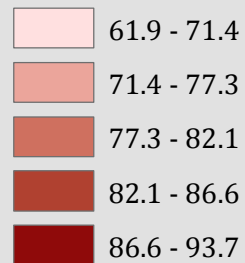
Sources:
Florida Geographic Data Library (cities/counties)
Ncdc.noaa.gov (hurricane trajectories)
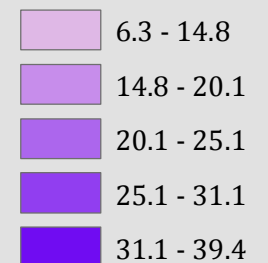arcgis.com (basemap)

Cities
By Population
- 100,000 - 250,000
- 250,000 - 500,000
- 500,000 - 750,000

Counties
Number of Strikes
- 11 - 29
- 30 - 49
- 50 - 82

N

Atlantic Ocean

Gulf of Mexico

TALLAHASSEE
JACKSONVILLE
ORLANDO
TAMPA
CLEARWATER
ST PETERSBURG
CAPE CORAL

CORAL SPRINGS
FT LAUDERDALE
PEMBROKE PINES
HOLLYWOOD
HIALEAH
MIAMI

Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

Esri, DeLorme, GEB

0 10 20   40   60   80
Miles

High School Education and Poverty in Georgia

High School Education and Higher

- 61.9 - 71.4
- 71.4 - 77.3
- 77.3 - 82.1
- 82.1 - 86.6
- 86.6 - 93.7

Poverty Rate

- 6.3 - 14.8
- 14.8 - 20.1
- 20.1 - 25.1
- 25.1 - 31.1
- 31.1 - 39.4

There is a clear pattern between level of education and poverty in Georgia. The map on the left shows the percentage of the population in each county who attained at least a high school degree. The map on the right shows the poverty rate in each county. The two attributes are inversely related, as can be seen when comparing the two maps.

0   30   60   120   180   240
Miles