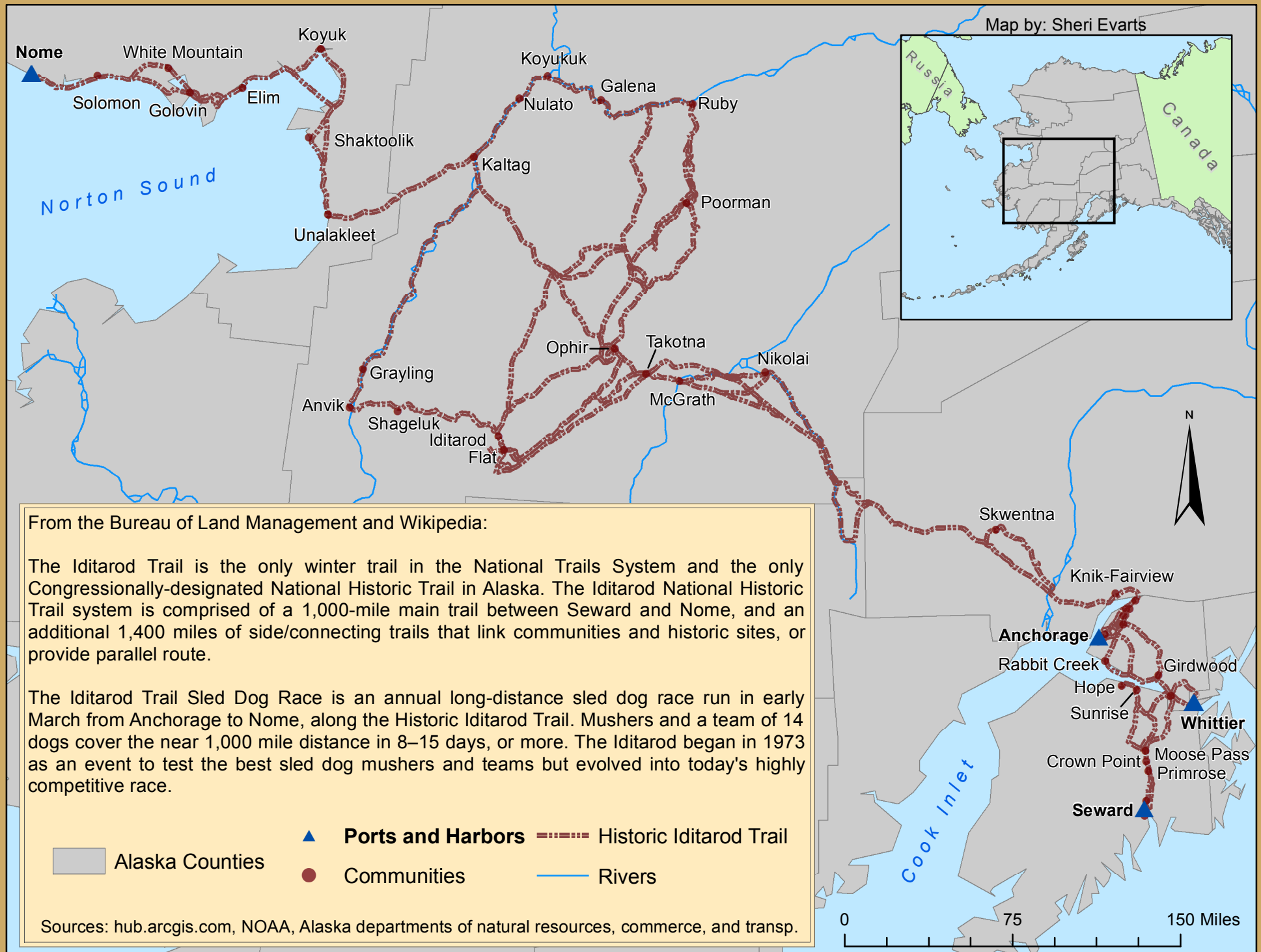
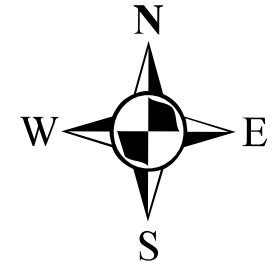


The Historic Iditarod Trail



Atlanta Bike Share



Legend

- Bike Share Locations
- Interstates
- Parks
- City of Atlanta
- County

Relay Bike Share is the City of Atlanta's bike share operator. With 500 "smart bikes" and over 70 stations across the city, Relay seeks to be a healthy and enjoyable transportation solution.

Pricing

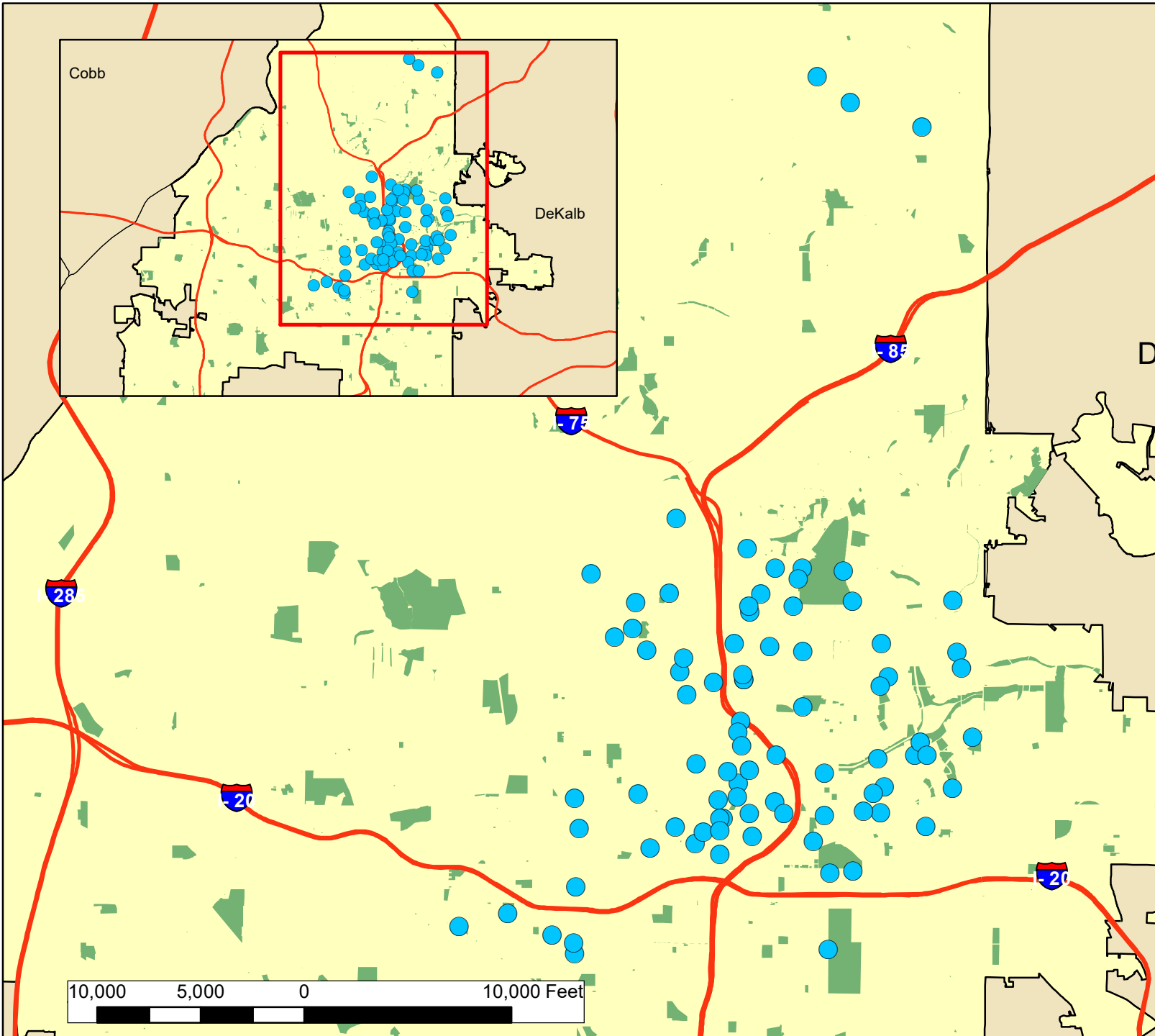
Pay As You Go -- \$3.50 for 30 min.
15¢ per min. afterwards

Monthly Pass -- \$15

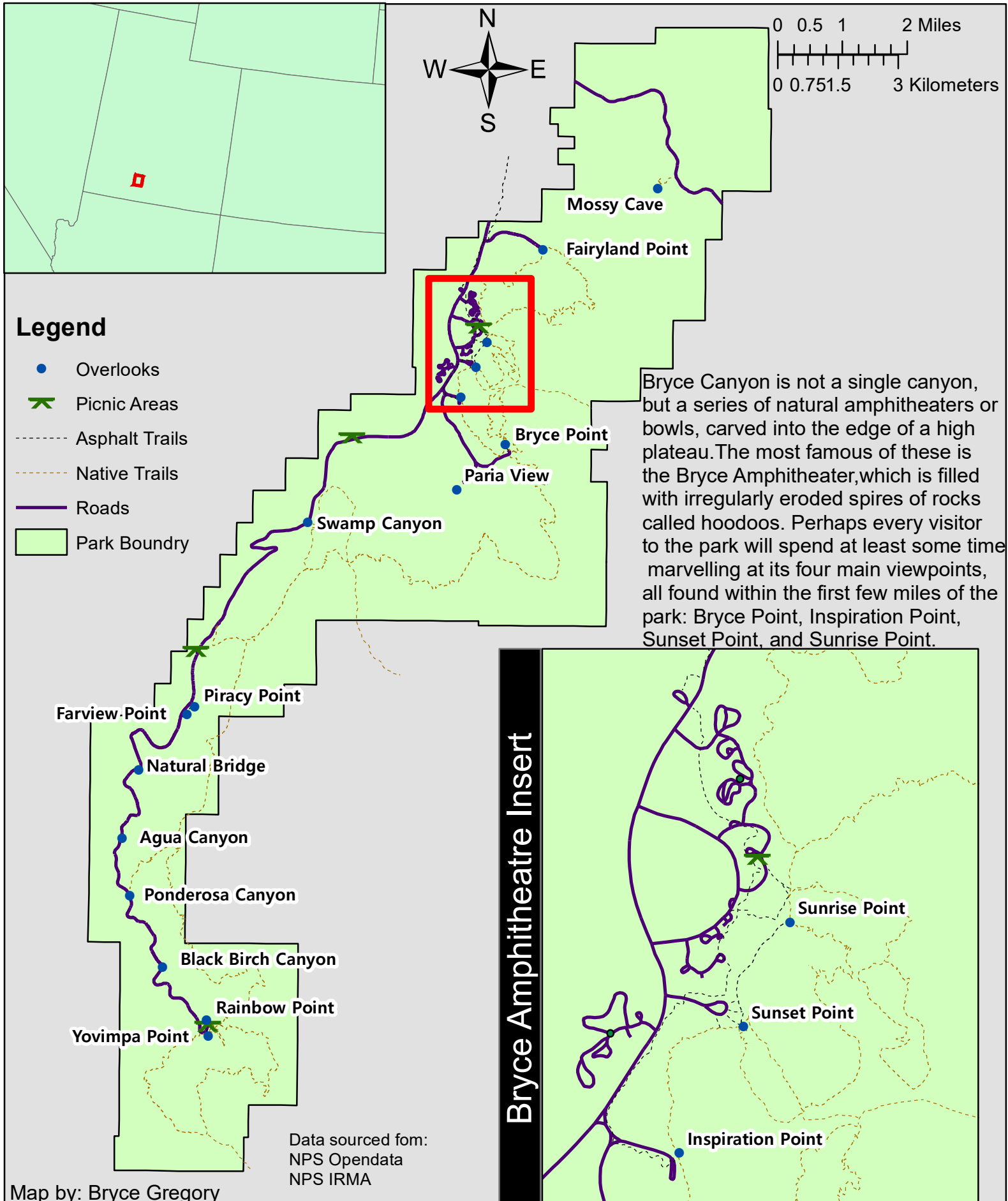
Annual Pass -- \$120

Map by Annie Ni
03/18/19

Data collected from
www.census.gov
and gis.atlantaga.gov



Bryce Canyon National Park



City of Atlanta's Bike Facilities & Sharing Stations

Legend



Bicycle Facilities



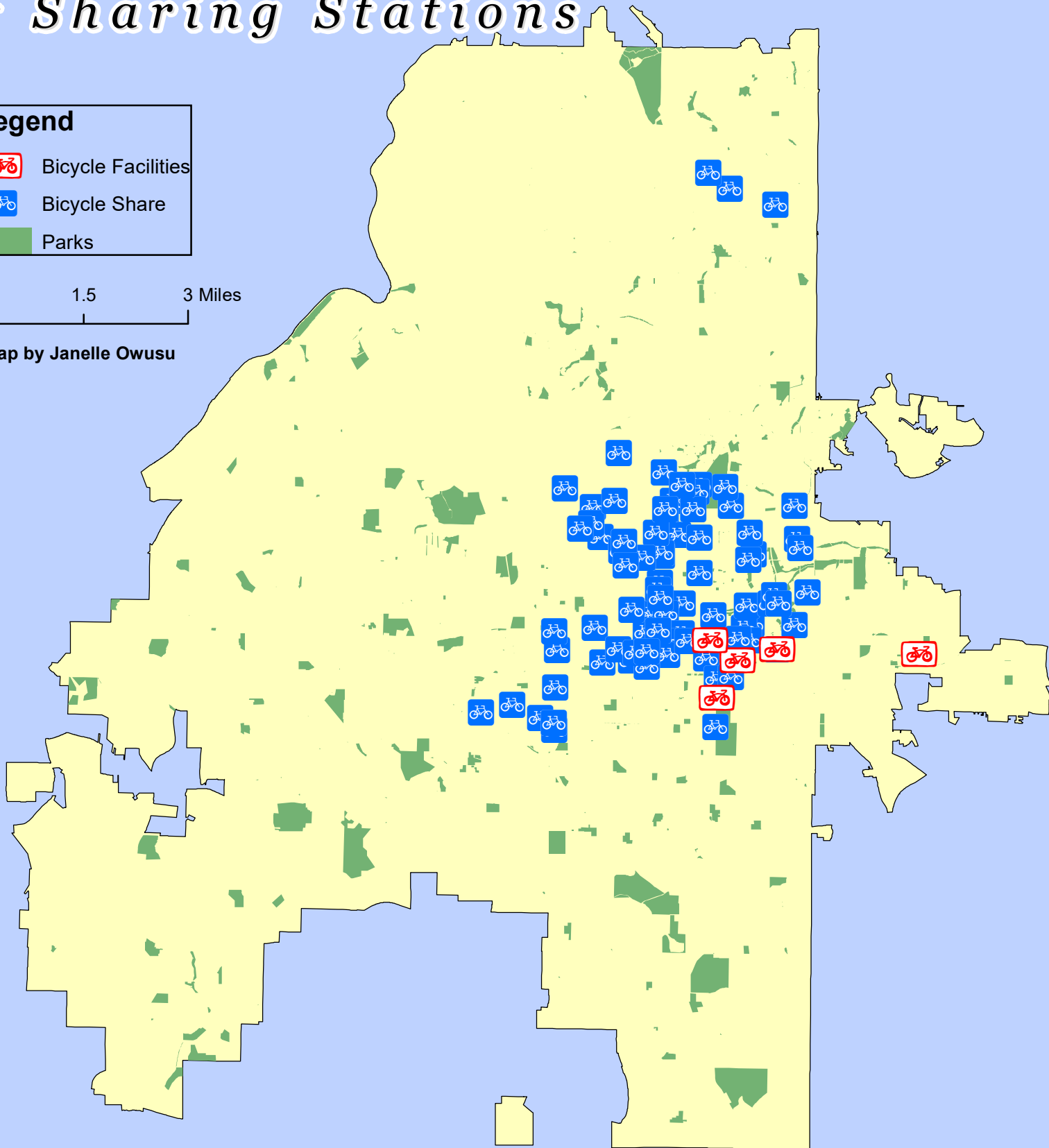
Bicycle Share



Parks

0 1.5 3 Miles

Map by Janelle Owusu



Data collected from the City of Atlanta's Department of City Planning GIS database (<https://dcp-coaplangis.opendata.arcgis.com/>)

This map shows the parks, bike facilities, and bike sharing stations in the City of Atlanta. The bike facilities are the equipment pieces installed on streets that benefit bike riders, including public bathrooms, traffic barriers, fountains, and more. The bike sharing stations display both proposed and current Relay bike share locations.

Almaty Region Transit Stops

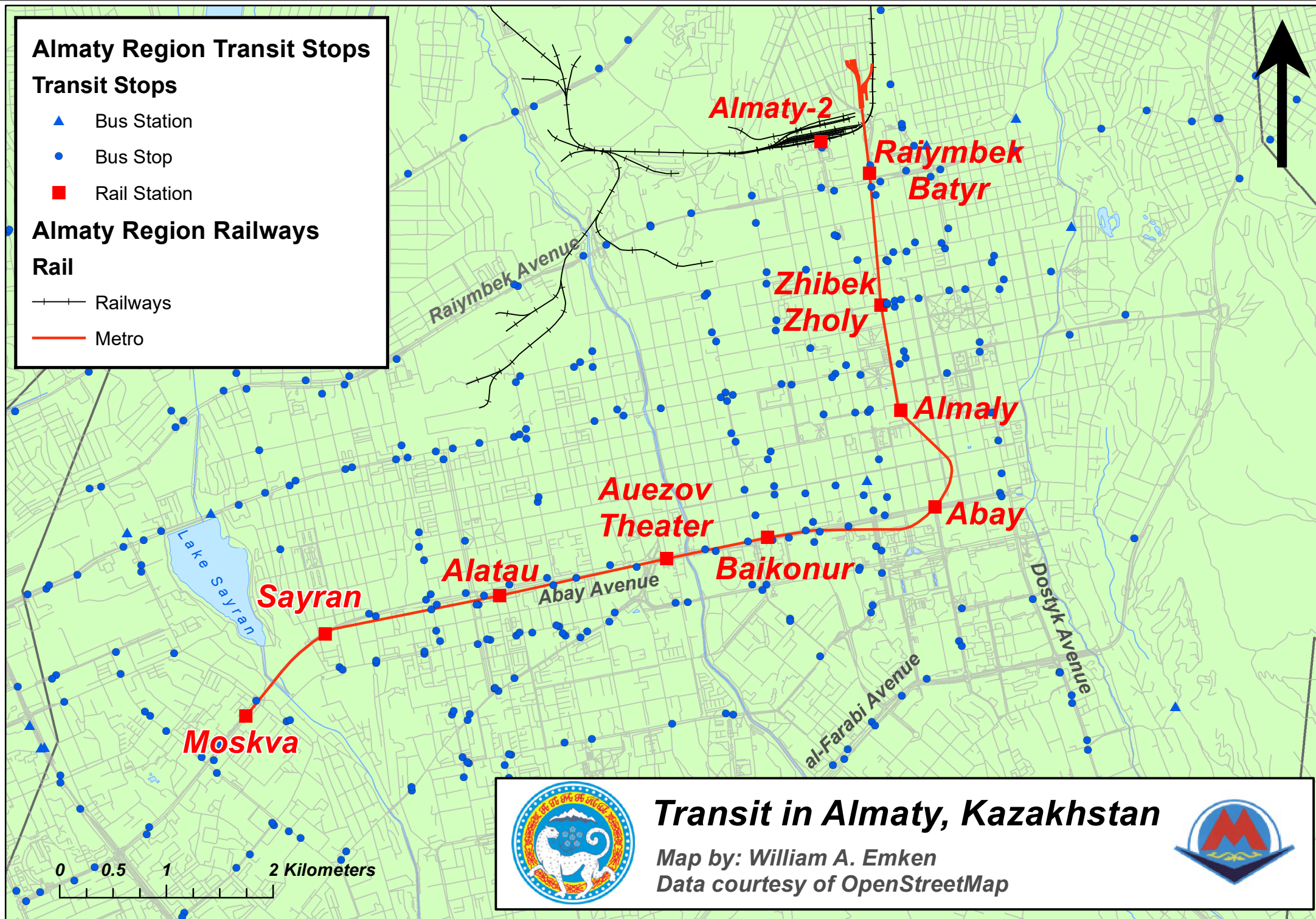
Transit Stops

- ▲ Bus Station
- Bus Stop
- Rail Station

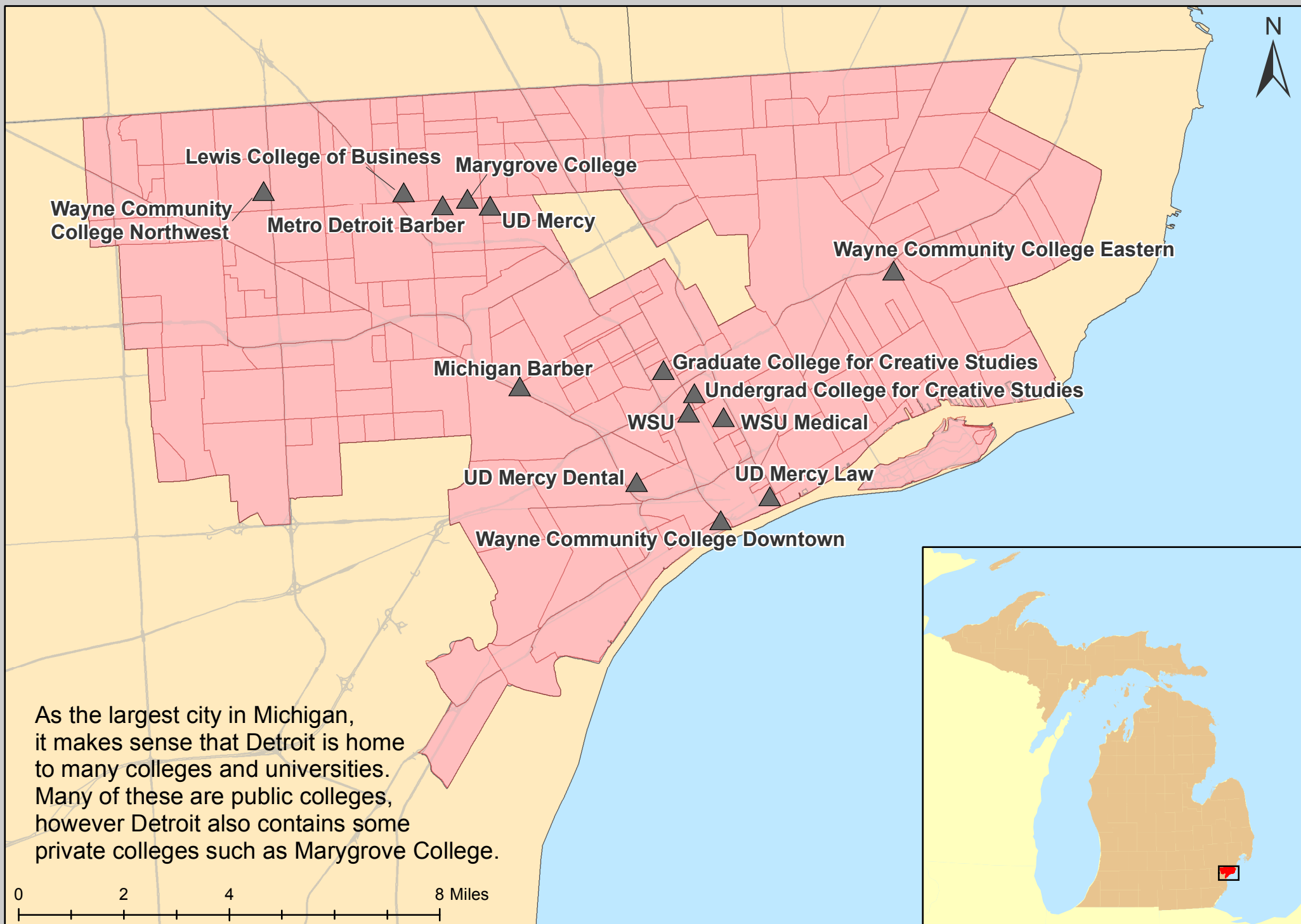
Almaty Region Railways

Rail

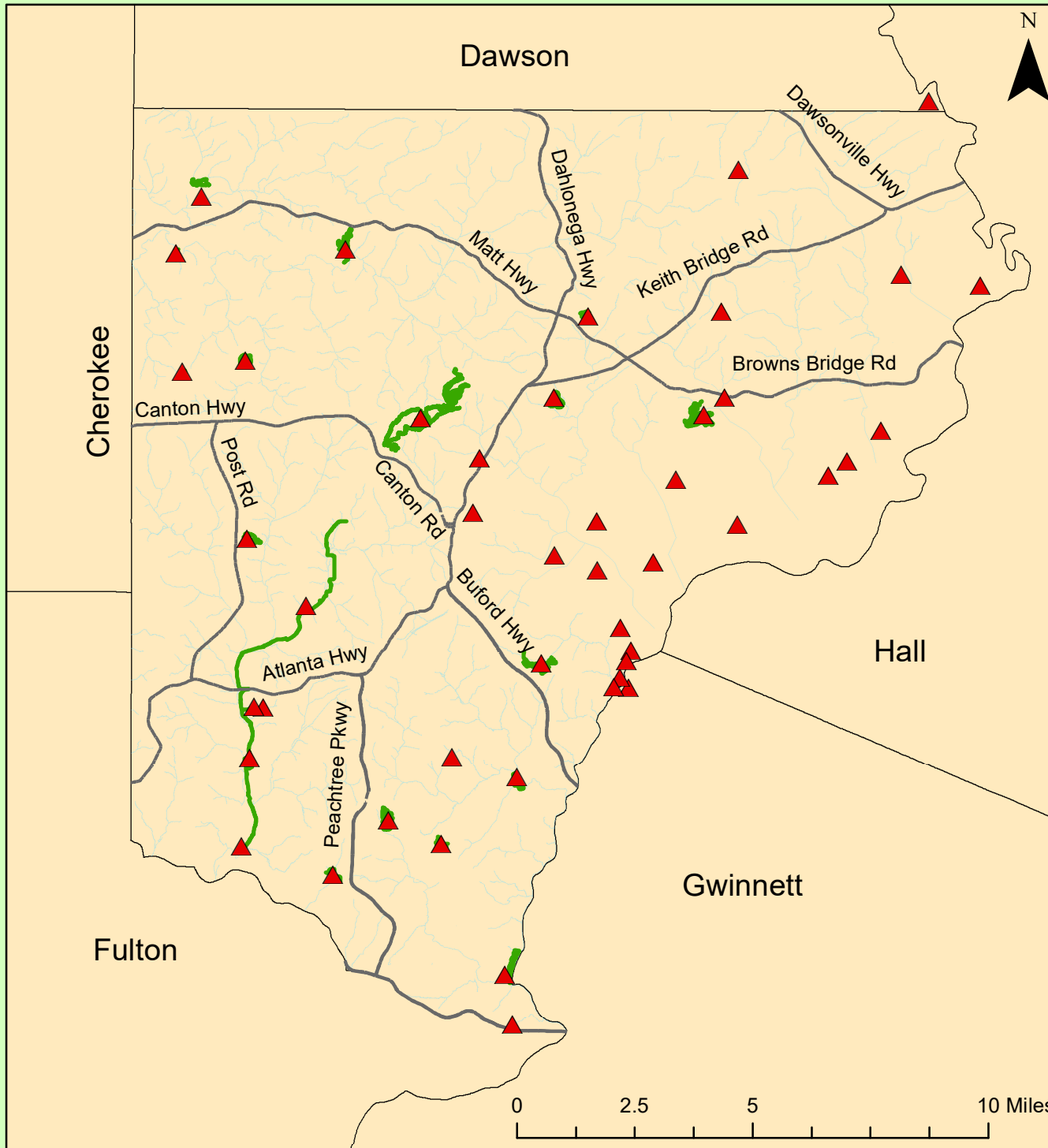
- Railways
- Metro



Detroit Colleges and Universities



Forsyth County Recreational Areas



Legend

- Park_and_Recreation_Areas
- Major_Road
- Trail
- Rivers_and_Streams
- Counties_GA

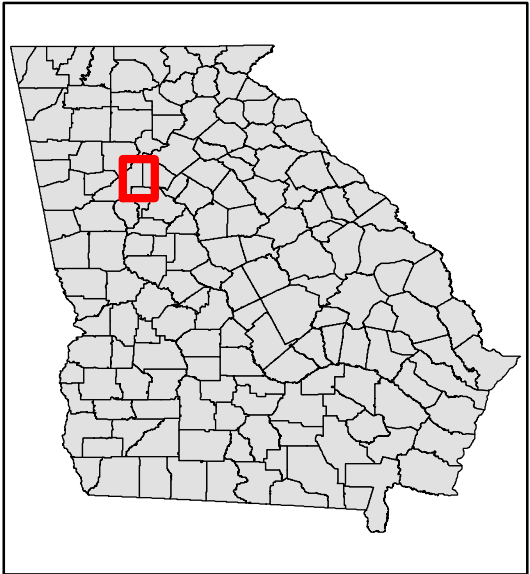
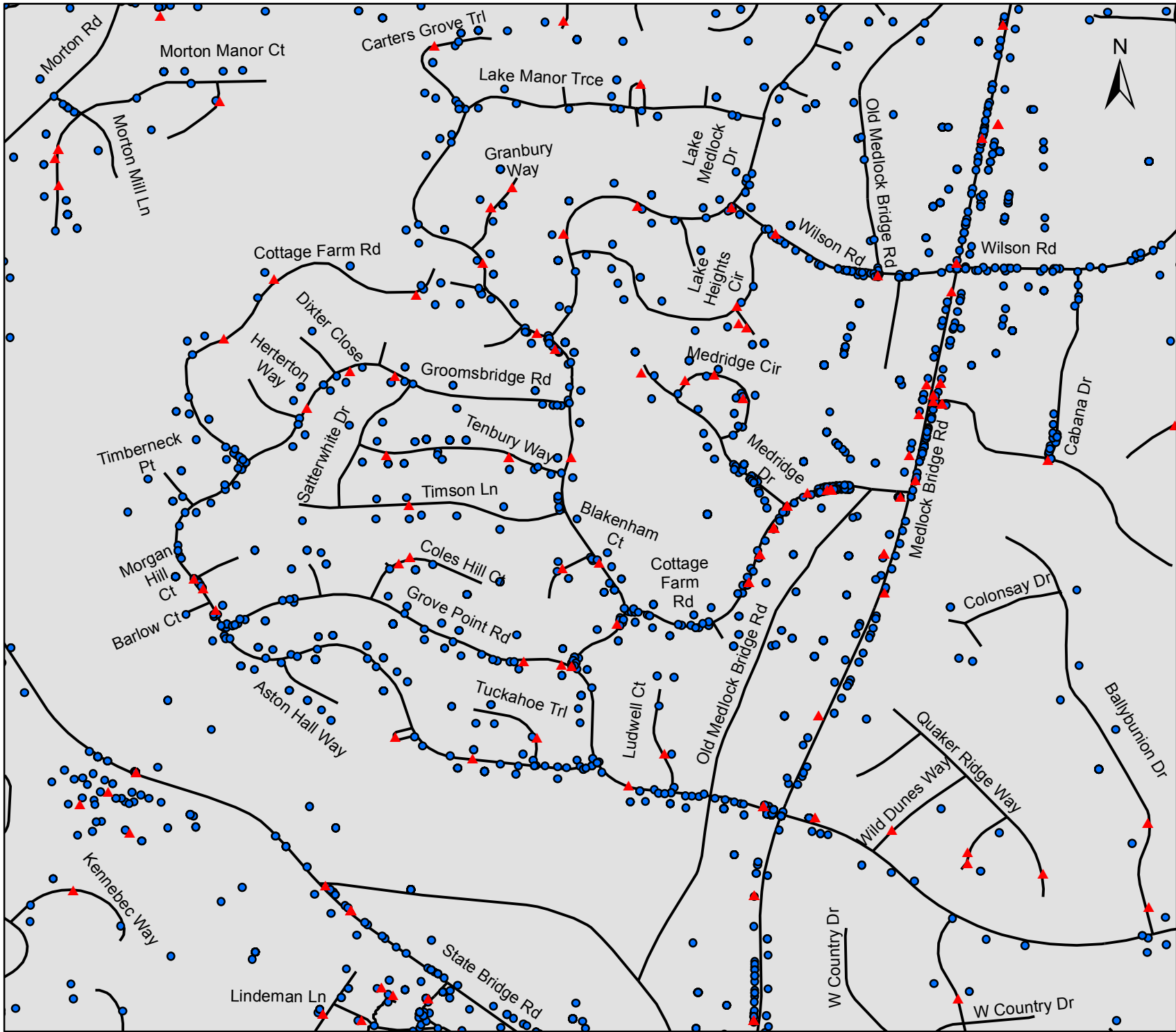
Within Forsyth County, there is an abundance of park and recreation areas as well as trails that run throughout the county.

Many of these locations reside by rivers which is a benefit for residents who are wanting to experience nature as a whole.

Map by William Ortiz
Data Source: Forsyth County Georgia Open Data
(<https://geo-forsythcoga.opendata.arcgis.com/>)

Medlock Bridge 2017 Police and Fire Reports

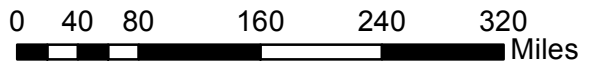
Map created by Sarah Golden
March 18, 2019



This map shows all of the 2017 police and fire department calls to the Johns Creek departments in the Medlock Bridge neighborhood and surrounding streets. Medlock Bridge is located in northern Fulton County in the state of Georgia. There are a variety of reasons for each call, ranging from good intention calls to house and park fires to burglaries and break-ins.



The Johns Creek Police and Fire Departments opened in 2008, the same year that Johns Creek officially became a city.



▲ Fire Calls● Police Calls— Streets▭ Counties

Data from Fulton County Geographic Information Systems



Florida Keys Wildlife Areas

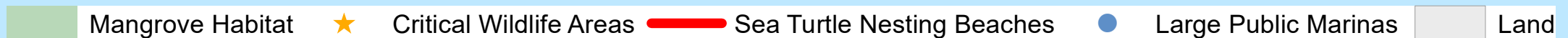


Gulf Of Mexico

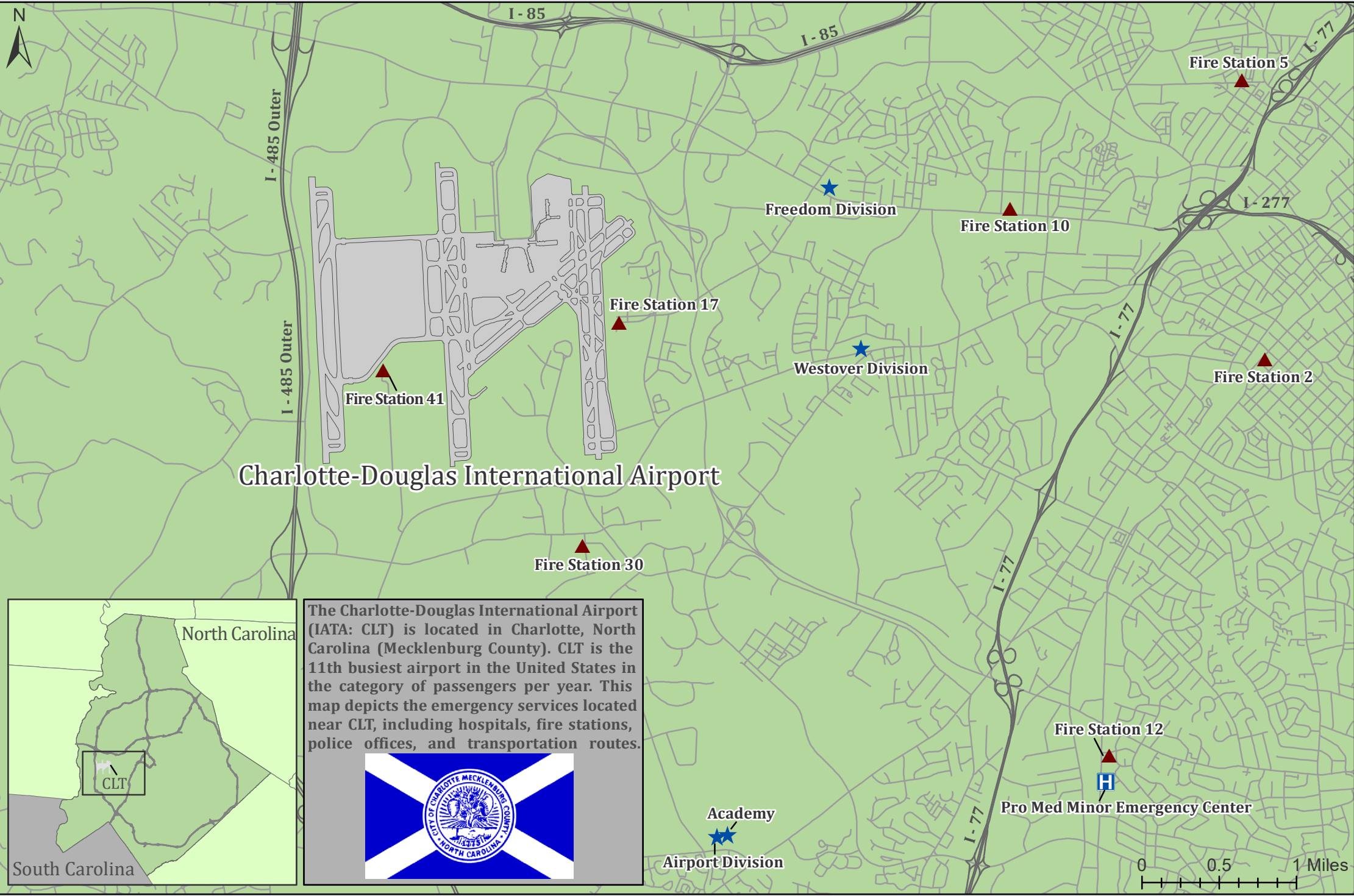
The Florida Keys are a string of tropical islands stretching about 120 miles off the southern tip of the U.S. state of Florida, between the Atlantic Ocean and Gulf of Mexico. They're known as a destination for fishing, boating, snorkeling and scuba diving. The southernmost city of Key West is famous for Duval Street's many bars, Mallory Square's nightly Sunset Celebration and the Ernest Hemingway Home and

Museum.

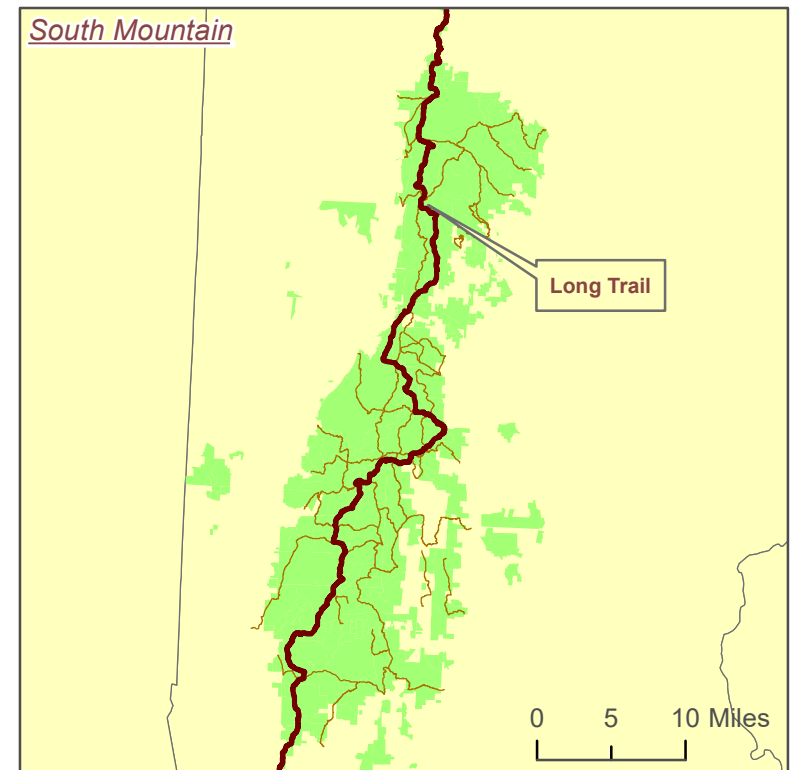
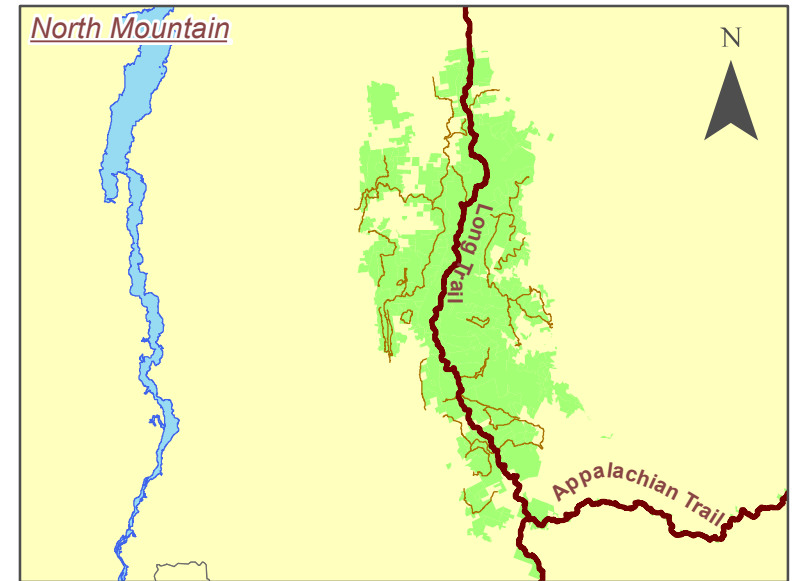
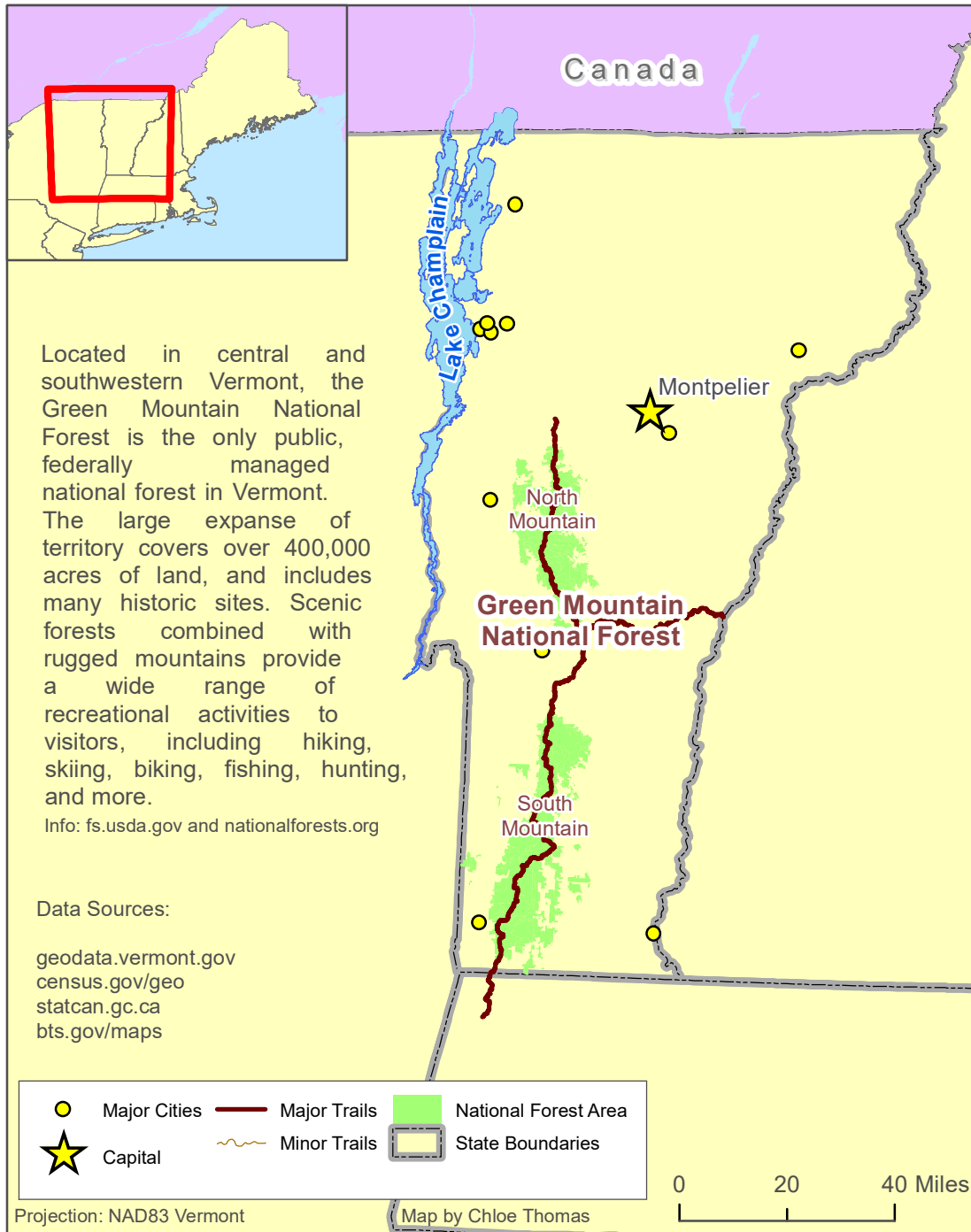
Atlantic Ocean



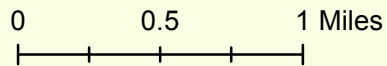
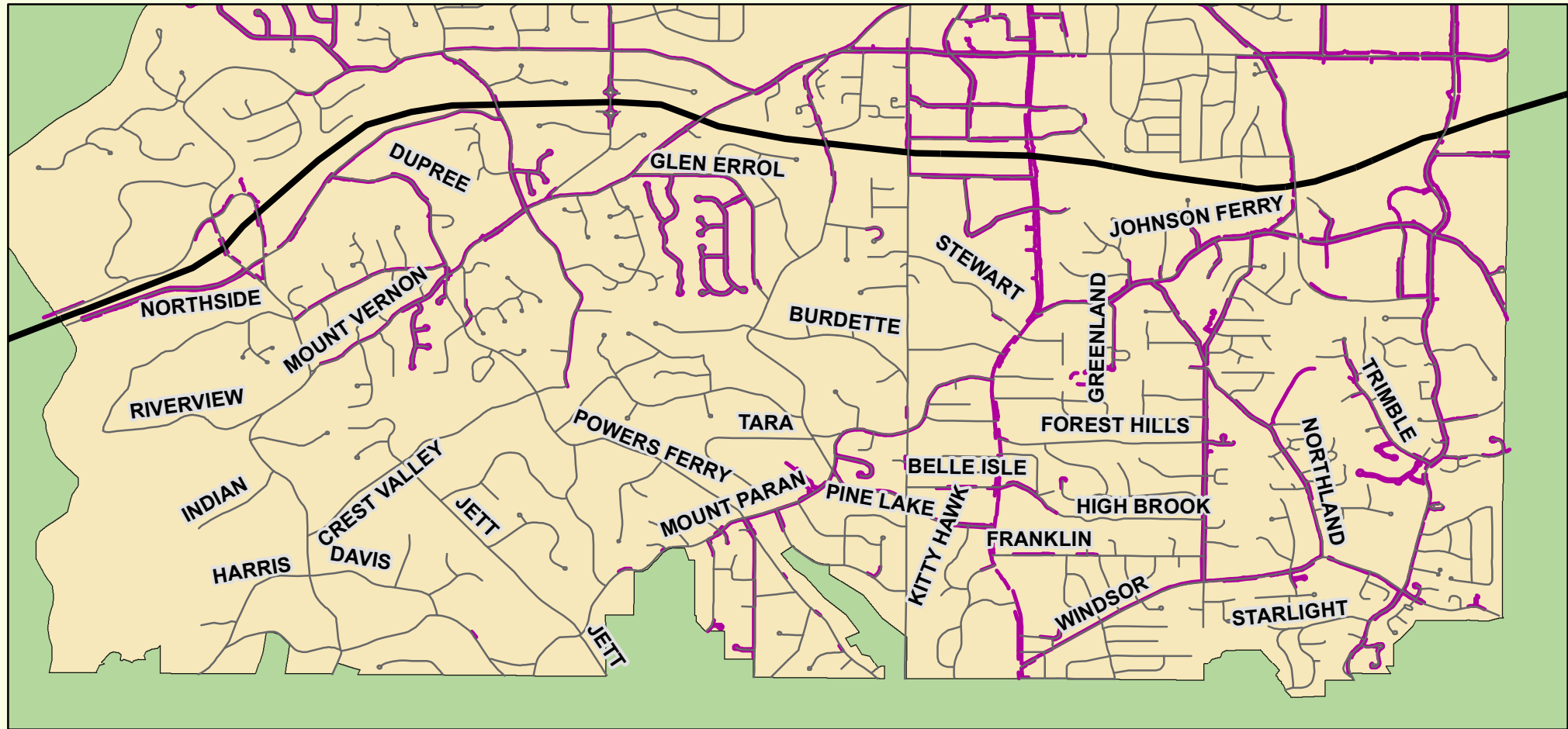
Emergency Services near Charlotte-Douglas International Airport



Green Mountain National Forest, VT



Sandy Springs Sidewalk Locations Inside the Perimeter

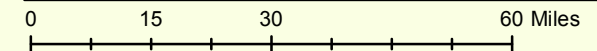
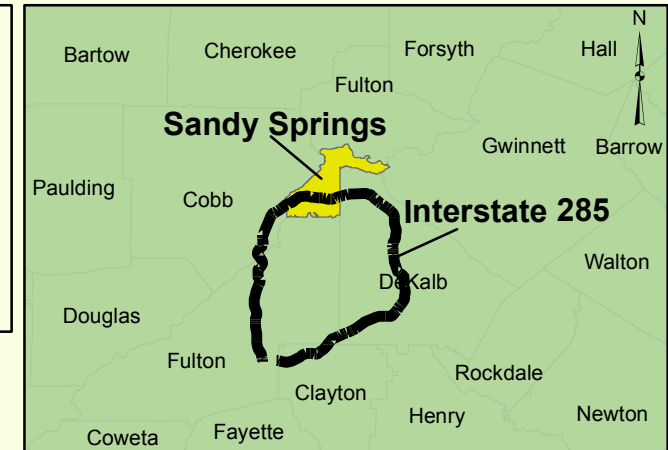


This map displays the public streets and sidewalks in Sandy Springs, GA inside the perimeter of Interstate 285. It is interesting that there is a lack of sidewalks in the South-West of the city because there are many neighborhoods, parks, schools, and trails in this area.

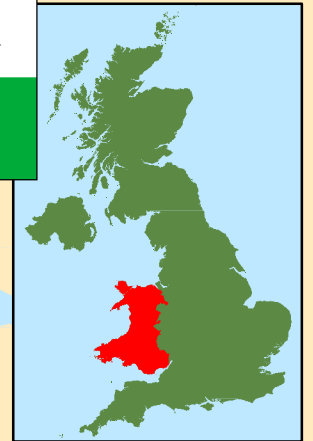
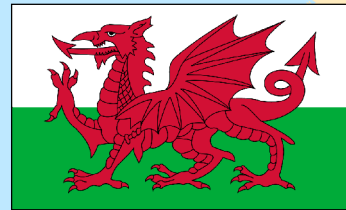
The datasets on this map were all downloaded from ArcGIS Hub.

Sandy Springs

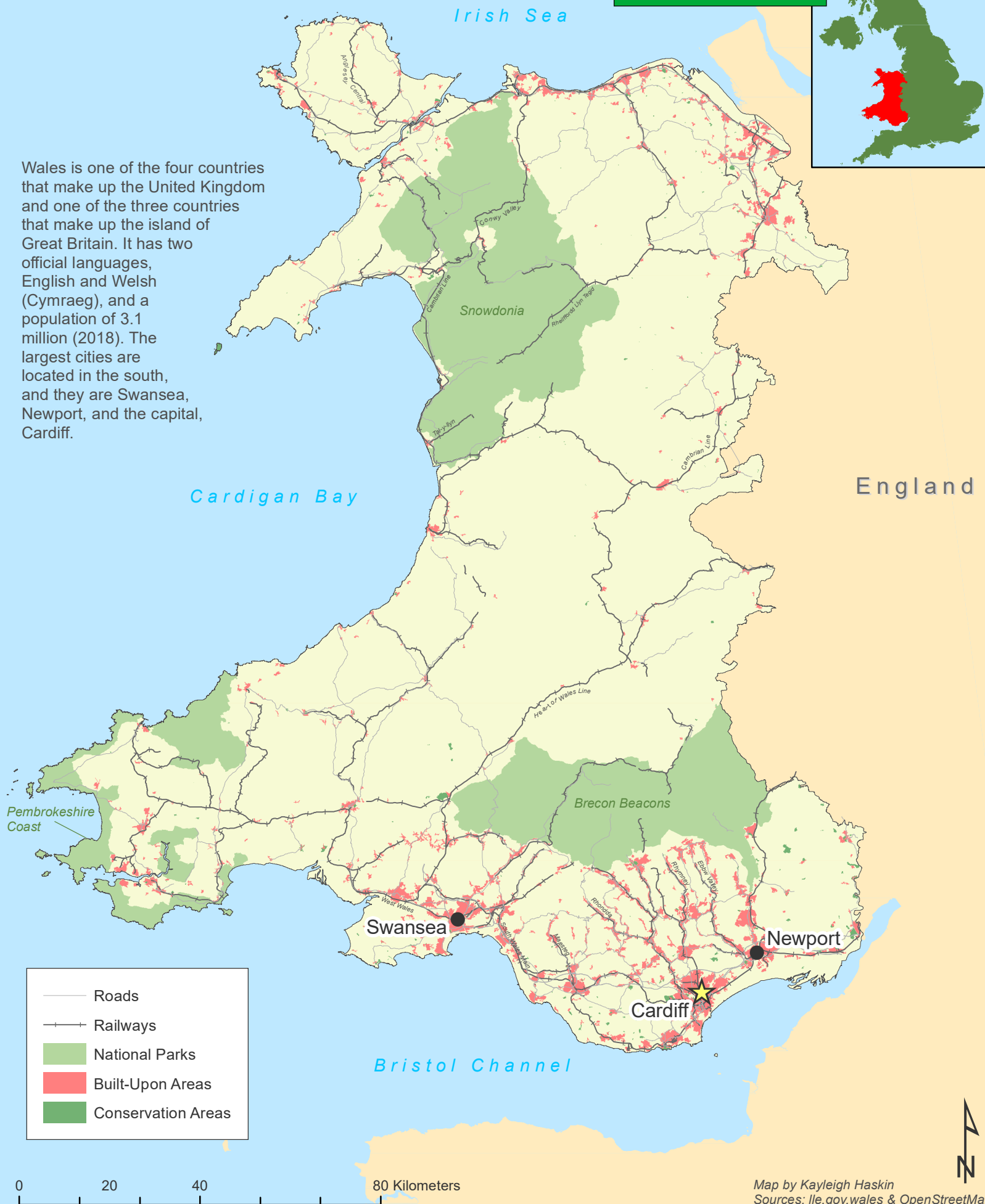
— Sidewalks — Public Streets — Interstate 285 City Limits Georgia



Wales - Cymru

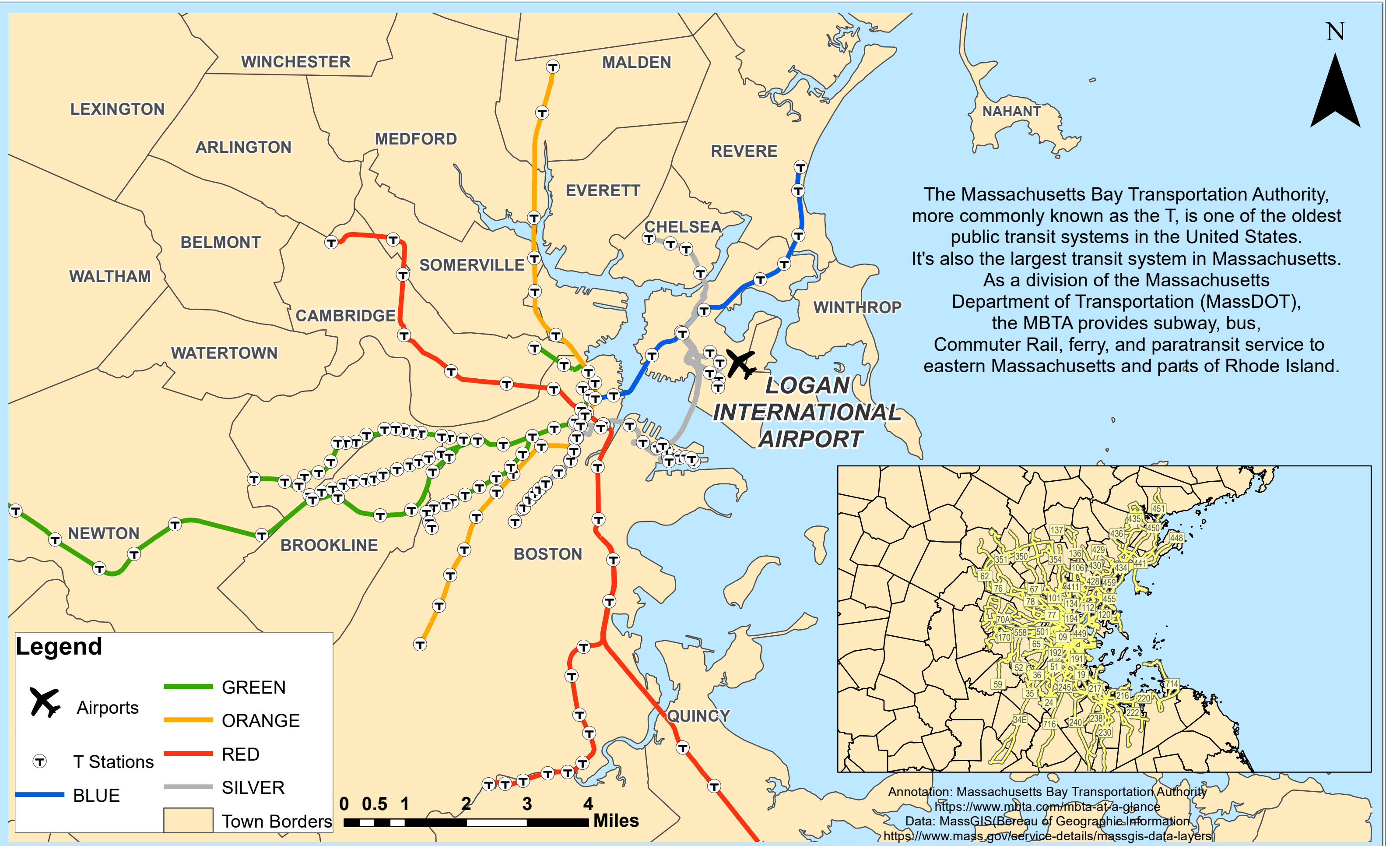


Wales is one of the four countries that make up the United Kingdom and one of the three countries that make up the island of Great Britain. It has two official languages, English and Welsh (Cymraeg), and a population of 3.1 million (2018). The largest cities are located in the south, and they are Swansea, Newport, and the capital, Cardiff.

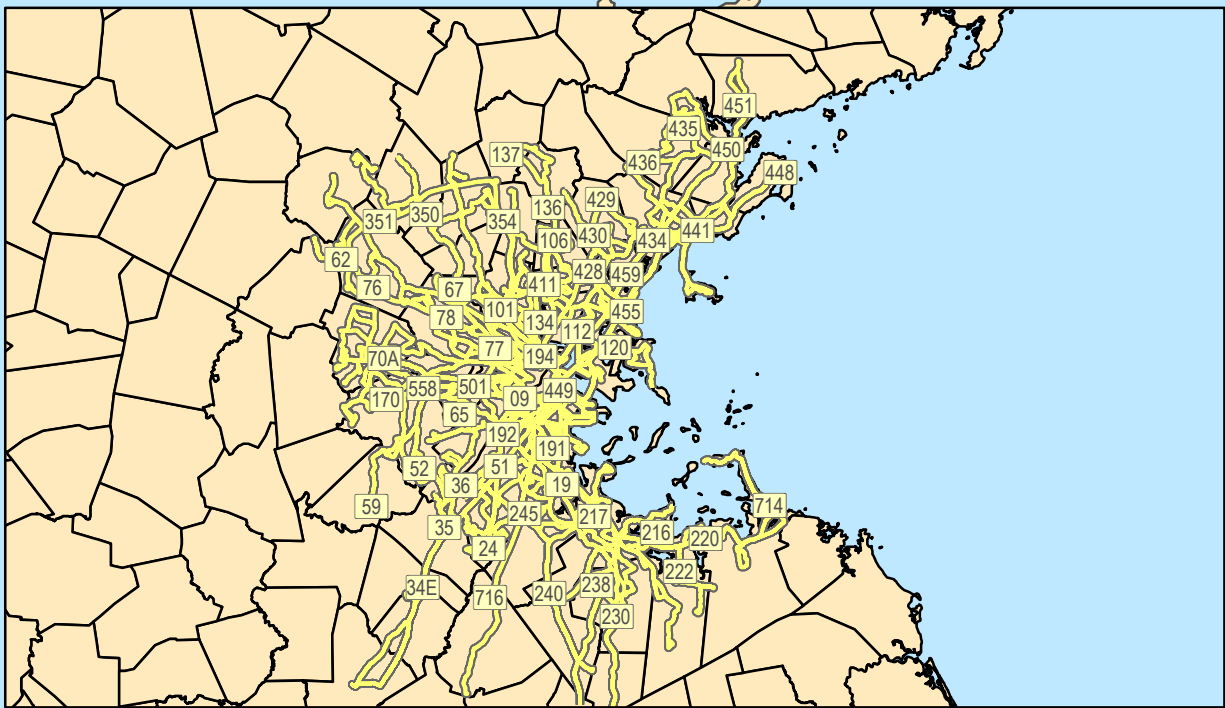


Boston Rapid Transit Map

Map by: Antonio M. Leal
Date: March 18, 2019



The Massachusetts Bay Transportation Authority, more commonly known as the T, is one of the oldest public transit systems in the United States. It's also the largest transit system in Massachusetts. As a division of the Massachusetts Department of Transportation (MassDOT), the MBTA provides subway, bus, Commuter Rail, ferry, and paratransit service to eastern Massachusetts and parts of Rhode Island.



Legend

Airports

T Stations

BLUE

GREEN

ORANGE

RED

SILVER

Town Borders

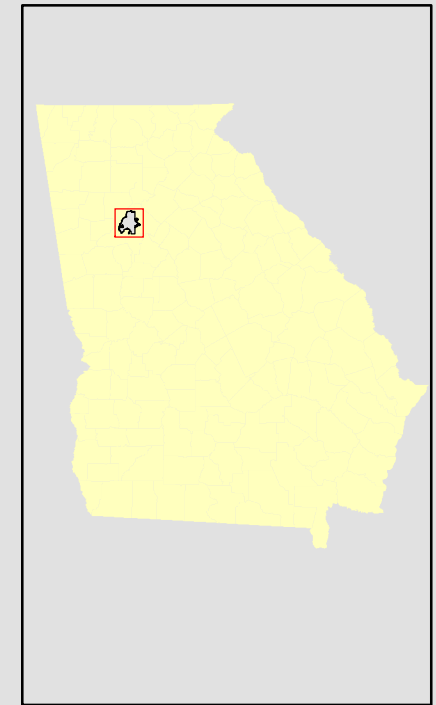


Annotation: Massachusetts Bay Transportation Authority
<https://www.mbt.com/mbta-at-a-glance>
Data: MassGIS(Bureau of Geographic Information)
<https://www.mass.gov/service-details/massgis-data-layers>

Marta Transportation in the Greater Atlanta Area



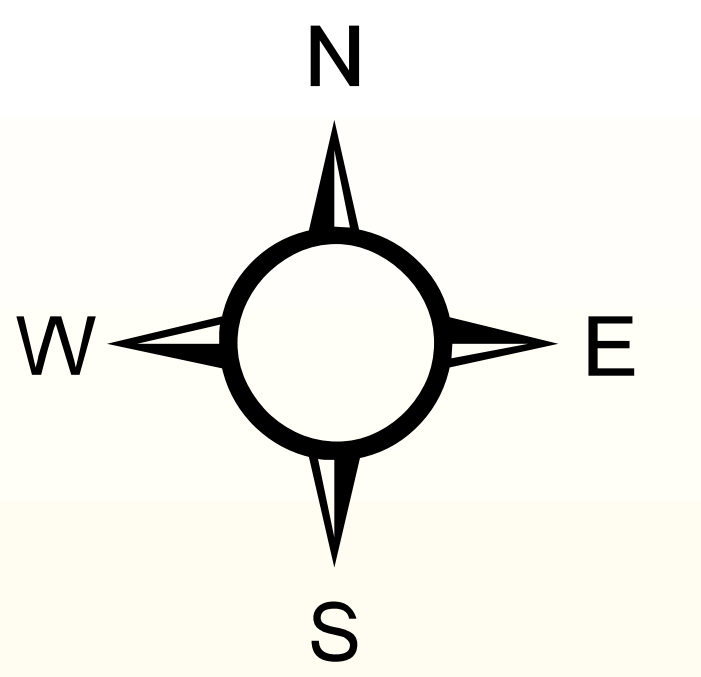
Marta was established in 1965 in order to boost economic development and make public transportation a reliable service. There are now 740 bus stops and 48 miles of rail that have been developed within and around the city of Atlanta. Marta has built walkable, livable communities that put everything riders could need within walking distance from the bus or rail the rider is on.



Expressways Georgia Marta Stations Major Roads Marta Route City of Atlanta Georgia Counties

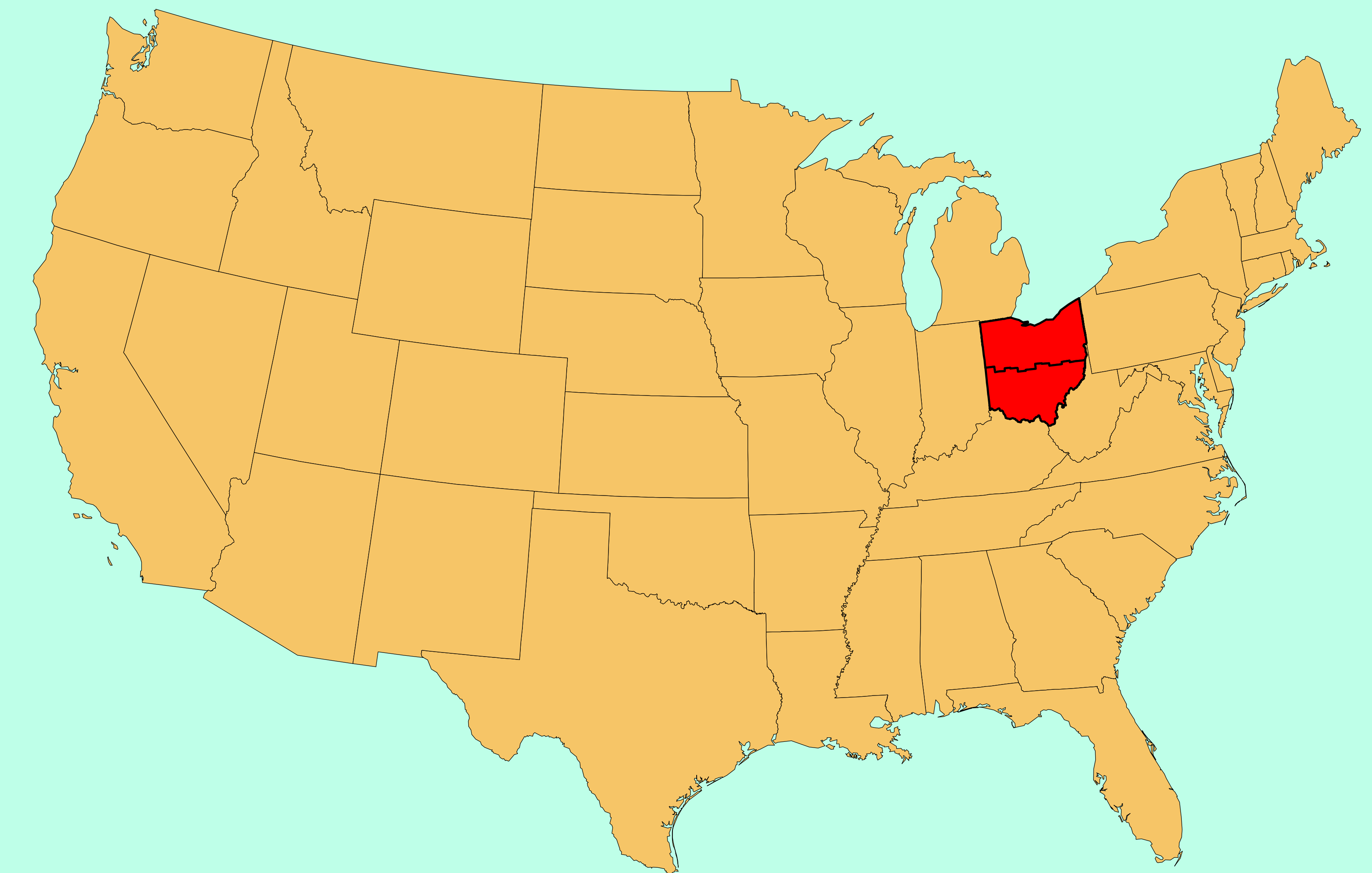
Data from arcgis.com and gis.atlanta.gov

Map by Steffi Harrison



Ohio State, USA

This map shows the Ohio state, USA cities, the network of interstates lines, major roads inside the state which is interconnected. At the south direction river is passing which is at the border of the Ohio state.



Name: Henry Adeyemi
Date: March 18, 2019

State Map of Colorado



Colorado is a state of the Western United States and is the 8th most extensive and 21st most populous U.S. state. The state was named for the Colorado River, which early Spanish explorers named the Río Colorado for the ruddy silt the river carried from the mountains.

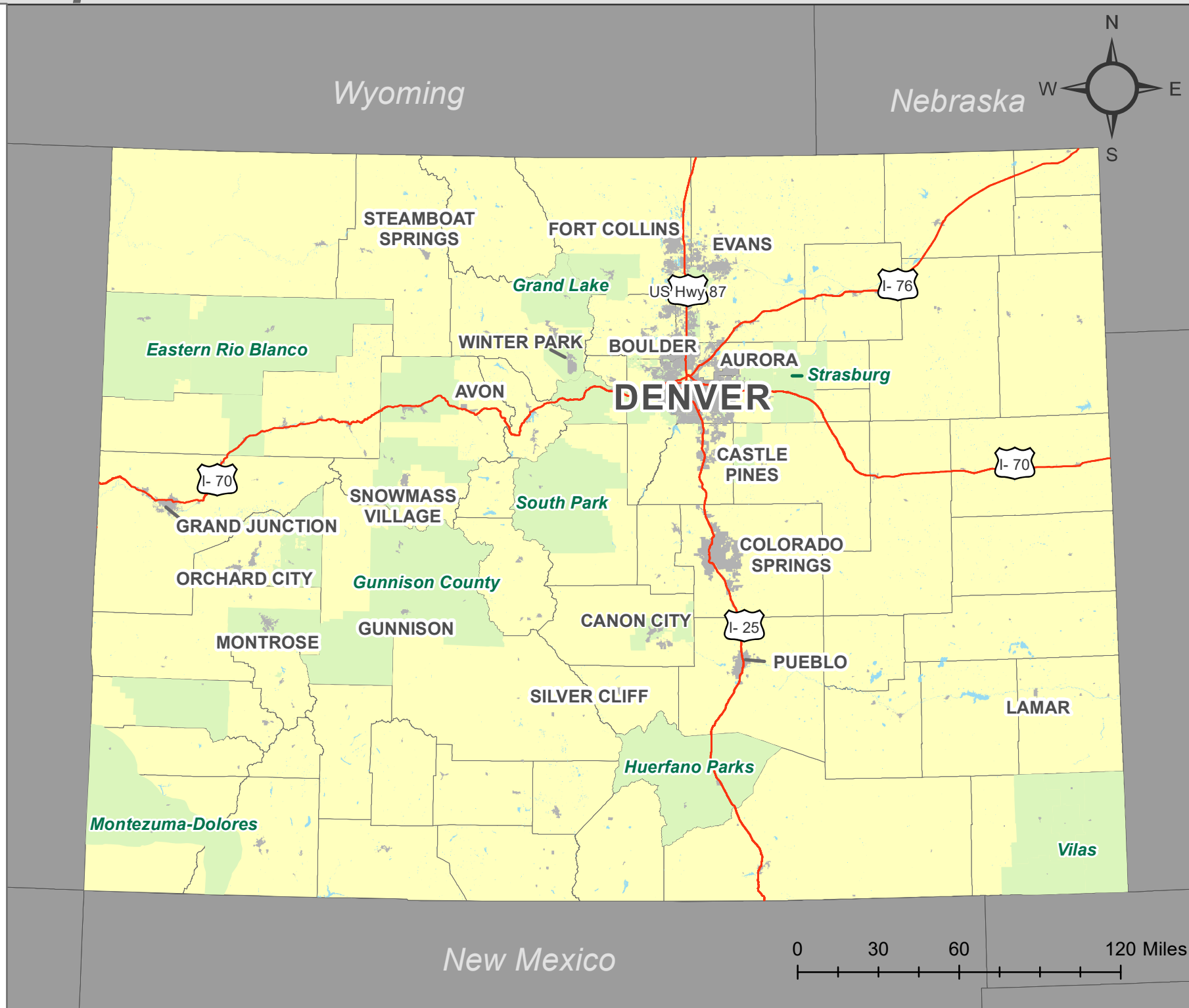
Colorado is noted for its vivid landscape of mountains, forests, high plains, mesas, canyons, plateaus, rivers and desert lands. Colorado is part of the western and southwestern United States, and is one of the Mountain States.

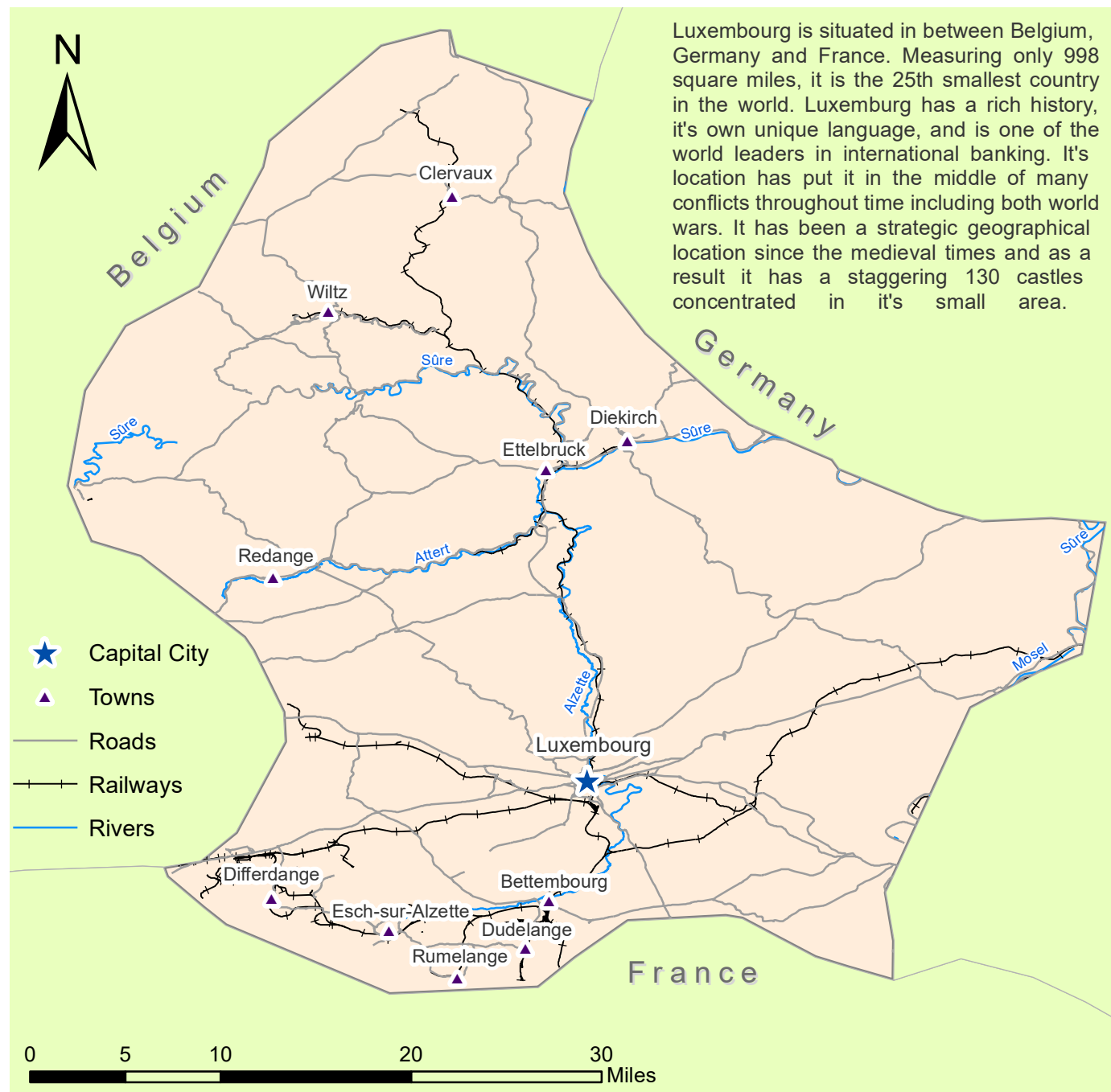
Denver is the capital and most populous city of Colorado. Residents of the state are known as Coloradans.

- Major Roads
- Cities
- Parks
- Lakes
- Counties

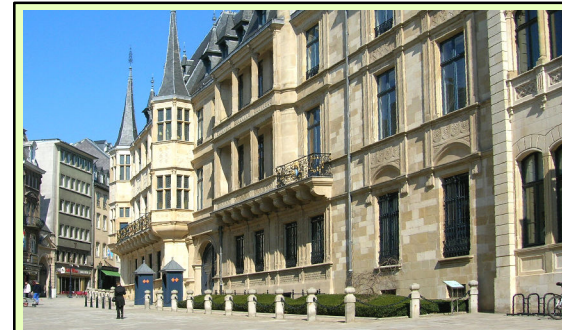
Data Sources acquired from:
Census.gov - Colorado
Colorado DOT
Colorado View GIS
USDA Data Gateway - Colorado
Colorado Wikipedia

Map by Valeria Vega





Luxembourg is situated in between Belgium, Germany and France. Measuring only 998 square miles, it is the 25th smallest country in the world. Luxembourg has a rich history, it's own unique language, and is one of the world leaders in international banking. It's location has put it in the middle of many conflicts throughout time including both world wars. It has been a strategic geographical location since the medieval times and as a result it has a staggering 130 castles concentrated in it's small area.



The Grand Ducal Palace in Luxembourg City. Built in 1572. This is a magnificent crown jewel of the capital city and is also the residence of the Grand Duke and his royal family.



Esch-sur-Sûre Castle located in Esch-sur-Alzette was built in 13th century in a romanesque, gothic style mostly ruins remain today. It was acquired by the state in 2005 and is currently undergoing restorations.



Clervaux Castle located in Clervaux was built in the 15th century. It was burned during WW2 in the battle of the bulge but has since been fully restored and is open to the public as a historic site and museum.

Harvard University

Architecture Walking Tour

1. Harvard Square



2. Matthews Hall



3. Widener Library



4. Memorial Church



5. Carpenter Center



6. Harvard Art Museum



7. Gund Hall (GSD)



Harvard University is an Ivy-League private university in Cambridge, Massachusetts. The stately campus is filled with historic and modern architectural wonders.

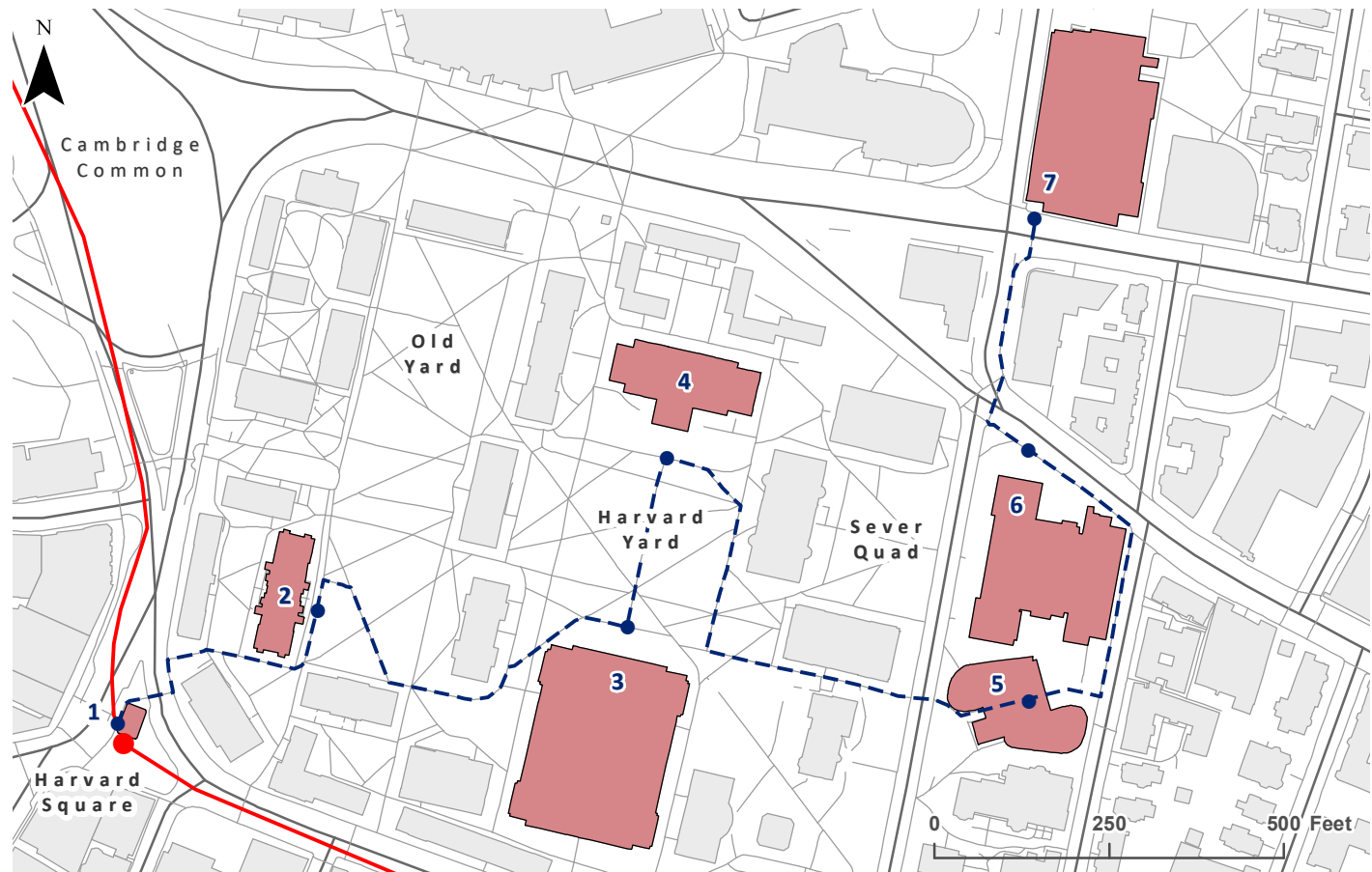
Do you have 30 minutes to spare?

Hop off at the Harvard Square Metro Station (on the Red Line) and follow this map to discover 7 of Harvard's most notable buildings.

Map by: Noah Sannes (3/14/2019)

8 Datasets: cambridgema.gov; [MGIS data](http://mgis.data)

7 Images: wheretraveler.com; wikipedia.com



● Subway Stations
 Tour Buildings
 — Subway Line
 — Sidewalks
 — Roads
 Campus Buildings
 Counties
 States
 ★ Cities

South Carolina ECON

0 30 60 120 Kilometers

Information

- 1 - 19
- 20 - 33
- 34 - 51
- 52 - 87

County

Avg. Hourly wage

- \$9.44 - \$11.14
- \$11.14 - \$12.87
- \$12.87 - \$15.20
- \$15.20 - \$19.65

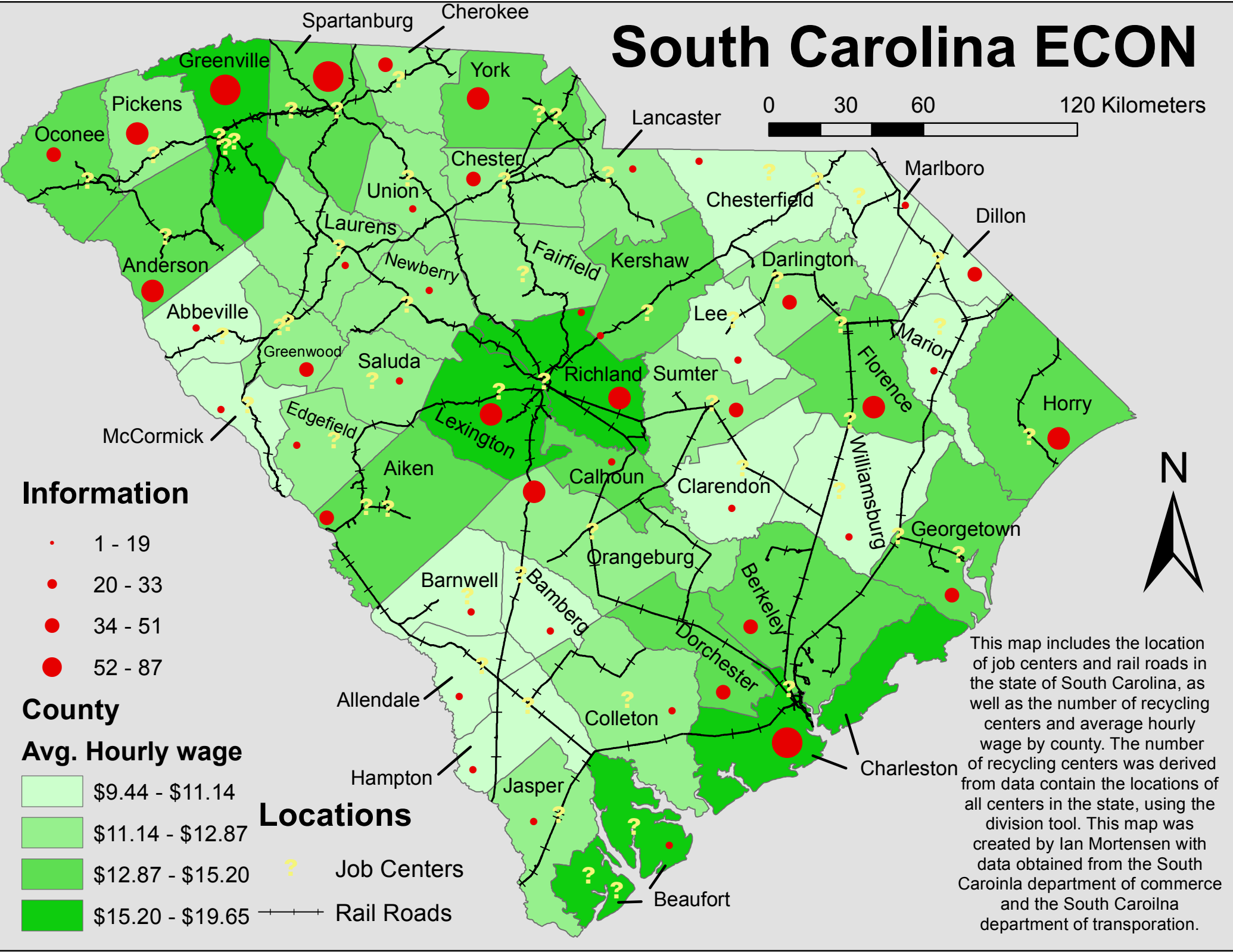
Locations

? Job Centers

—+—+— Rail Roads



This map includes the location of job centers and rail roads in the state of South Carolina, as well as the number of recycling centers and average hourly wage by county. The number of recycling centers was derived from data contain the locations of all centers in the state, using the division tool. This map was created by Ian Mortensen with data obtained from the South Carolina department of commerce and the South Carolina department of transportation.



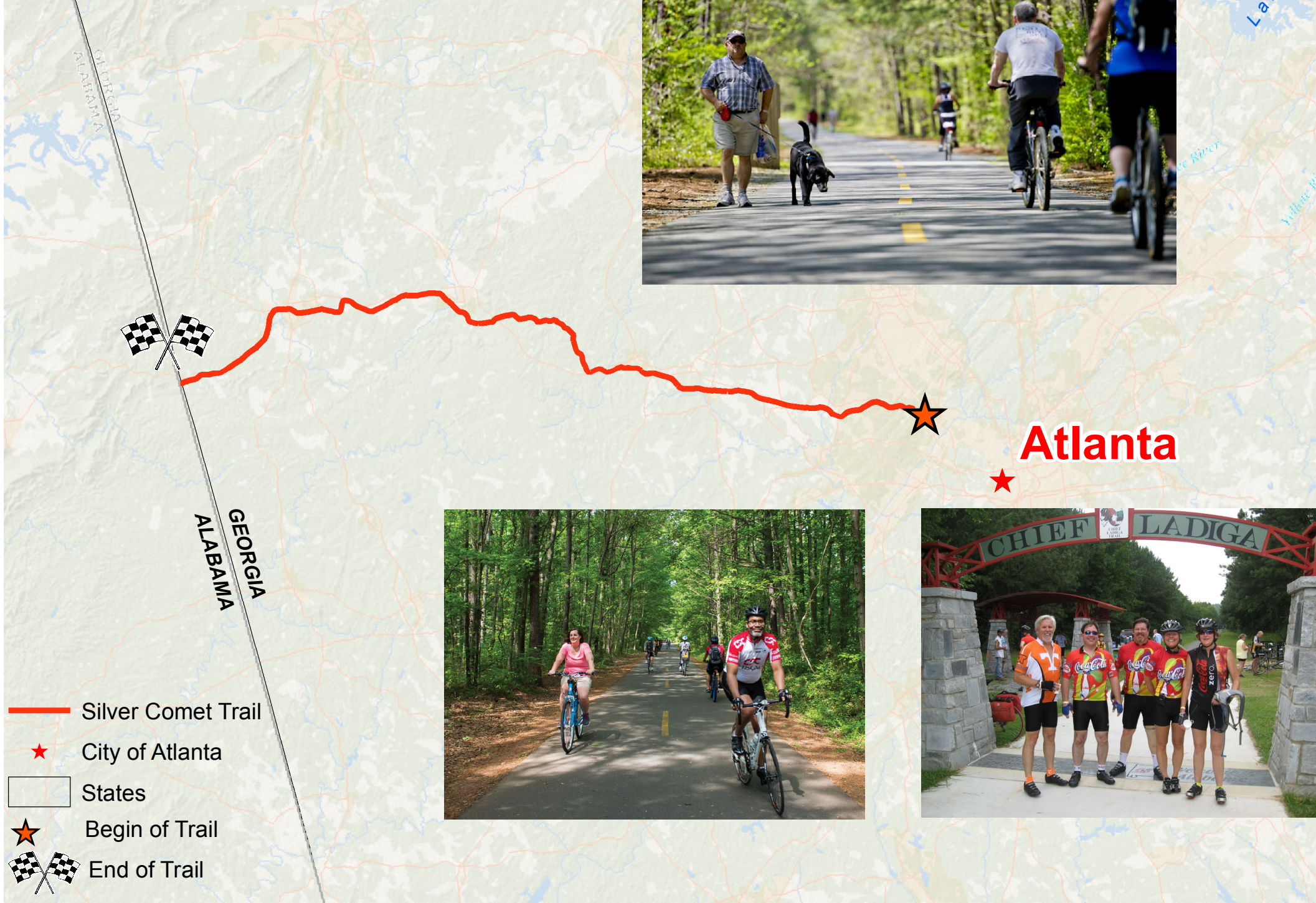


THE SILVER COMET TRAIL



The Silver Comet Trail is a multi-use path for bicycling, running, walking, and skating near Atlanta, Georgia. The Silver Comet Trail is a 61.5 mile, 12 feet wide, car-free concrete path that connects the Smyrna, Georgia (NW of Atlanta) to the Chief Ladiga trail at the Georgia-Alabama state line. There are multiple access points to the trail, including many with parking, restrooms and picnic areas.

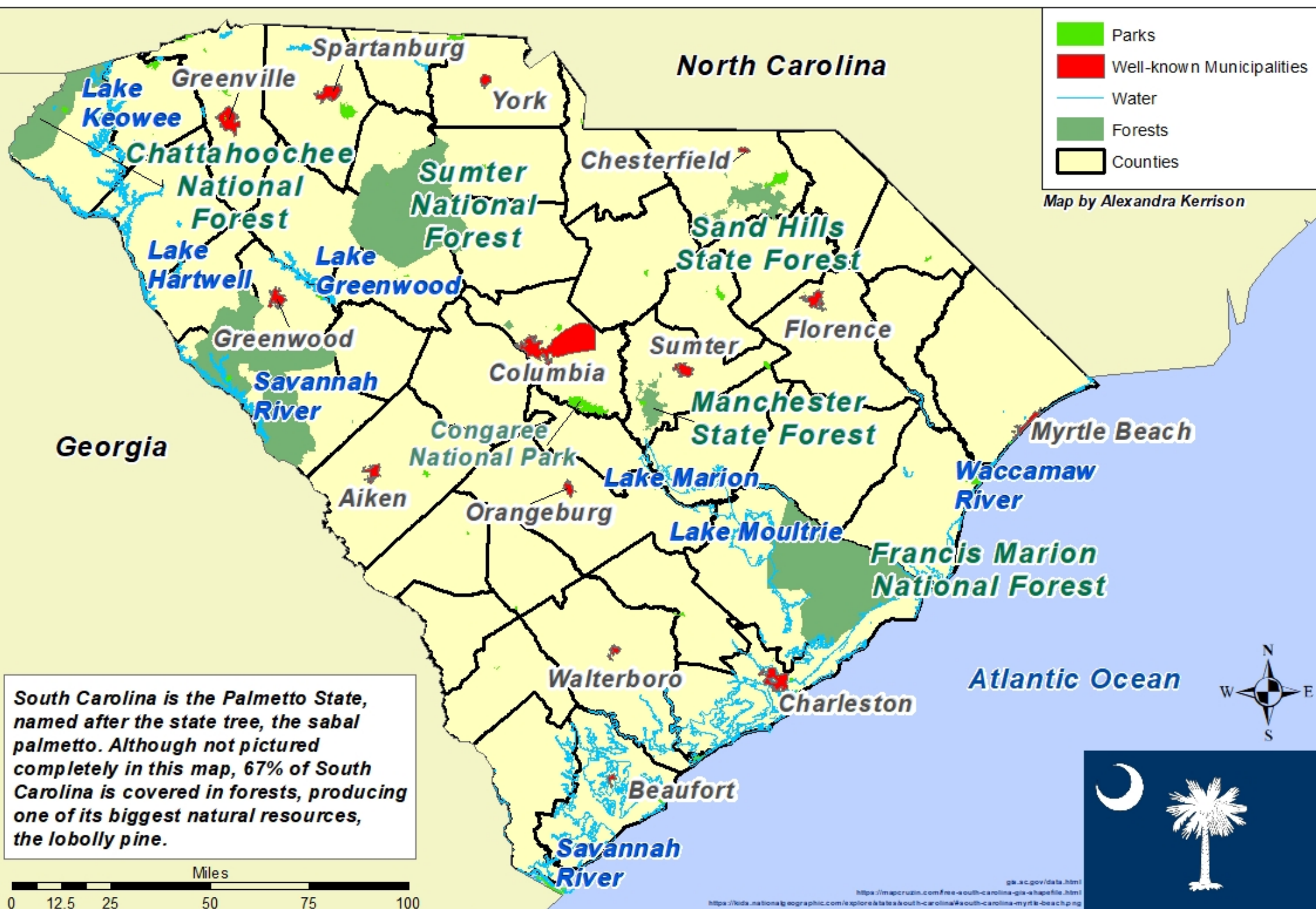
The trail traces the route of the "Silver Comet" passenger train line that operated from 1947 to 1969. Passenger service discontinued in 1969 and the line was used for freight until abandoned by CSX in 1989. The Georgia DOT purchased the land in 1992, construction on the trail began in 1998 and the rail-to-trail conversion was completed in 2008. Together with the Chief Ladiga trail, which meets the Silver Comet at the state line, the Silver Comet forms a 96 mile path – the longest paved multi-use trail in the United States.



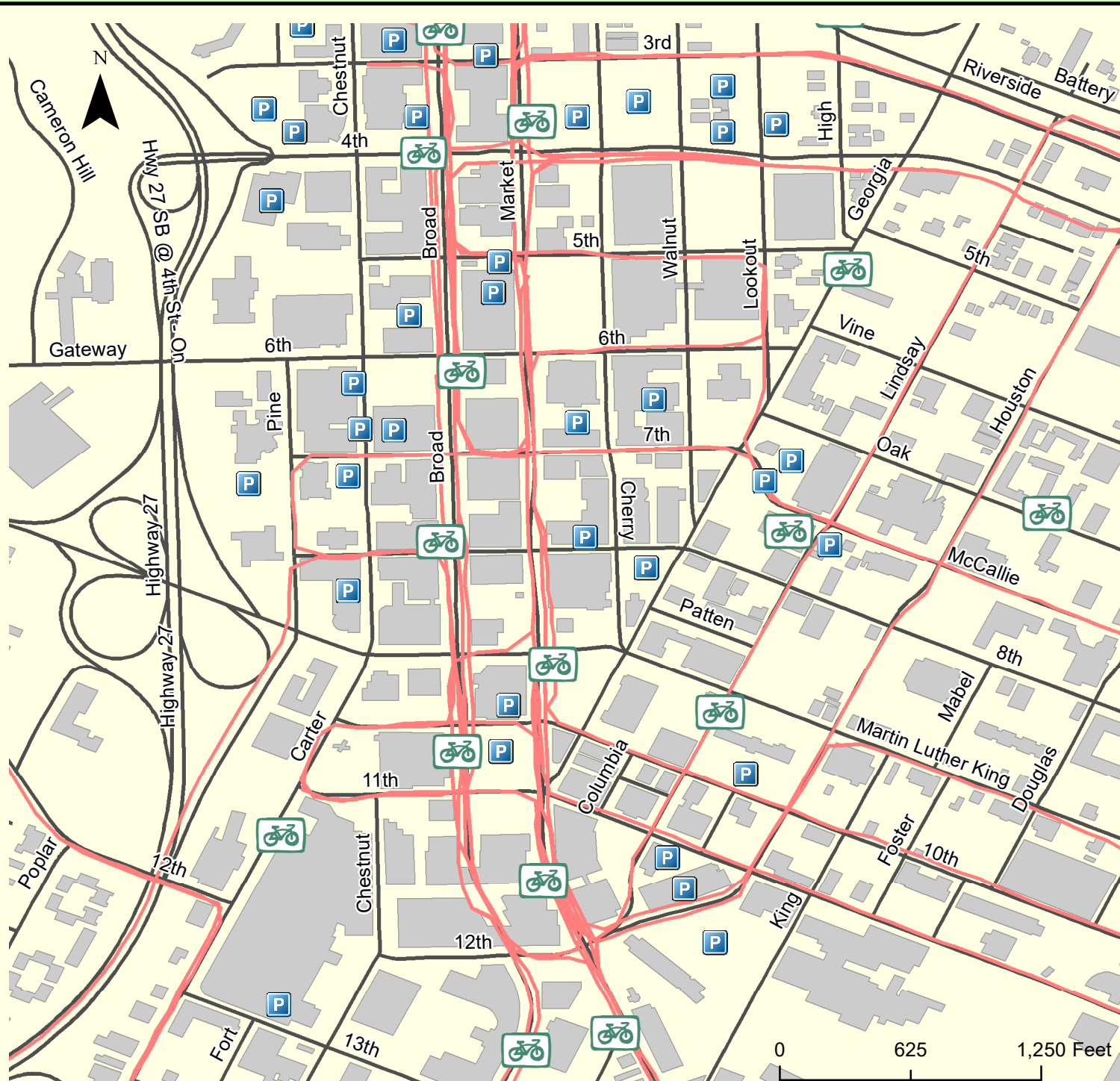
Mapped by: Goran Milivojevic

Source: <http://www.silvercometga.com/>

State of South Carolina: Major Areas, Forests, and Water








Transportation in Downtown Chattanooga



Map by Matthew Hunt
3/25/19

Sources: TN Dep. of F&A,
Chattanooga Public Library, Bike
Chattanooga

-  Bike Chattanooga Stations
-  Parking Facilities
-  Bus Routes
-  Roads
-  Buildings

Chattanooga, Tennessee supports a thriving tourism industry in its Downtown and surrounding areas with above average public bus coverage, dedicated parking facilities, and its Bike Chattanooga Program. Through this program, tourists and locals alike can purchase passes granting access to rideshare bikes at the stations pictured in the map.



Zoning and Transportation in Uptown Charlotte

Zoning Categories

Commercial

Industrial

Multi-Family Residential

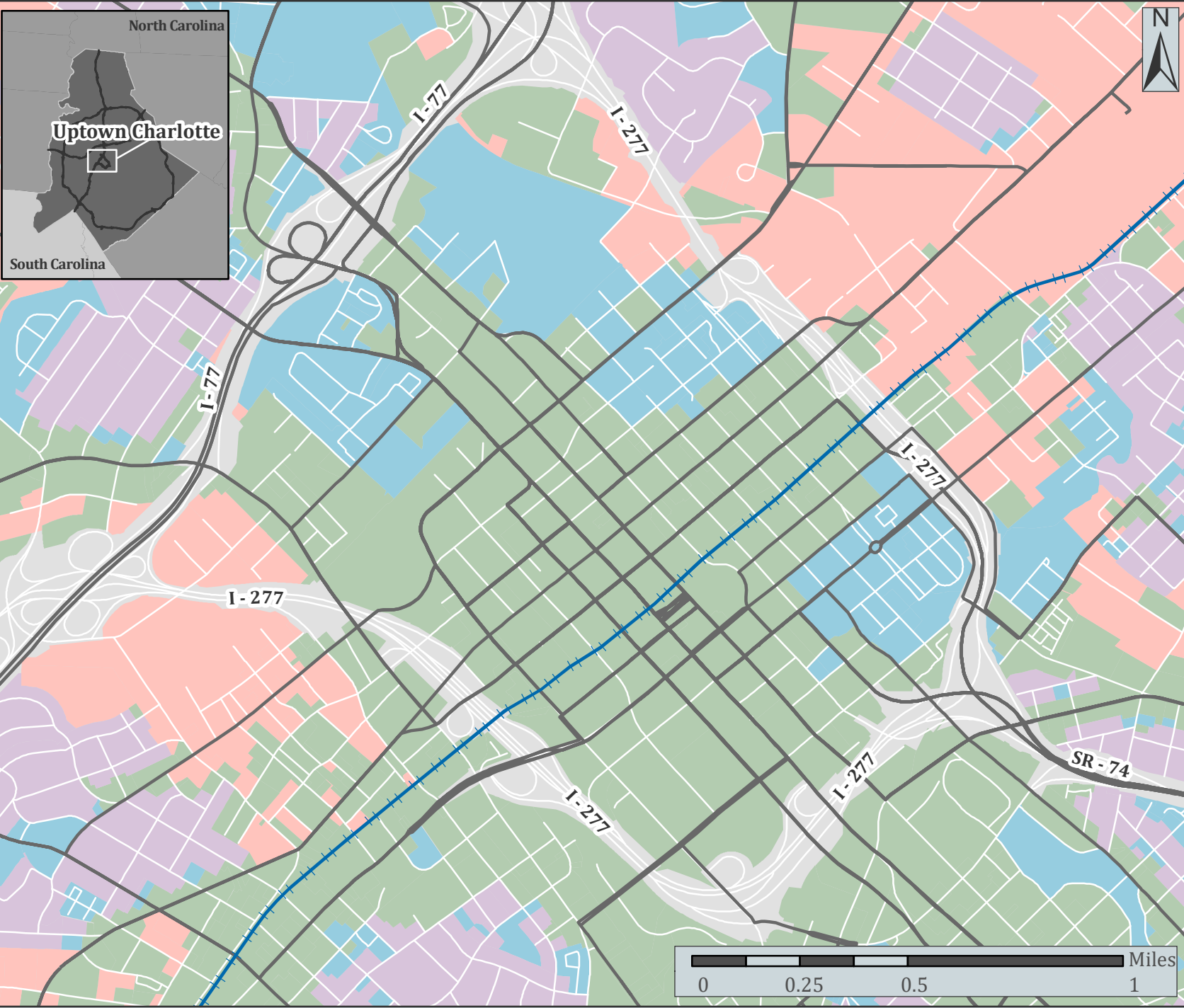
Single Family Residential



Uptown, the central business district of Charlotte, North Carolina, is the city's hub for finance, culture, offices, restaurants, and high density development. This map features property zoning categories in and near Uptown, as well as an overlay of the public transportation options available in the area.



Map Created by Anna Otte - 03/19/19



Mecklenburg County Interstate Areas Roadways CATS Bus Routes LYNX BlueLine



COLORADO

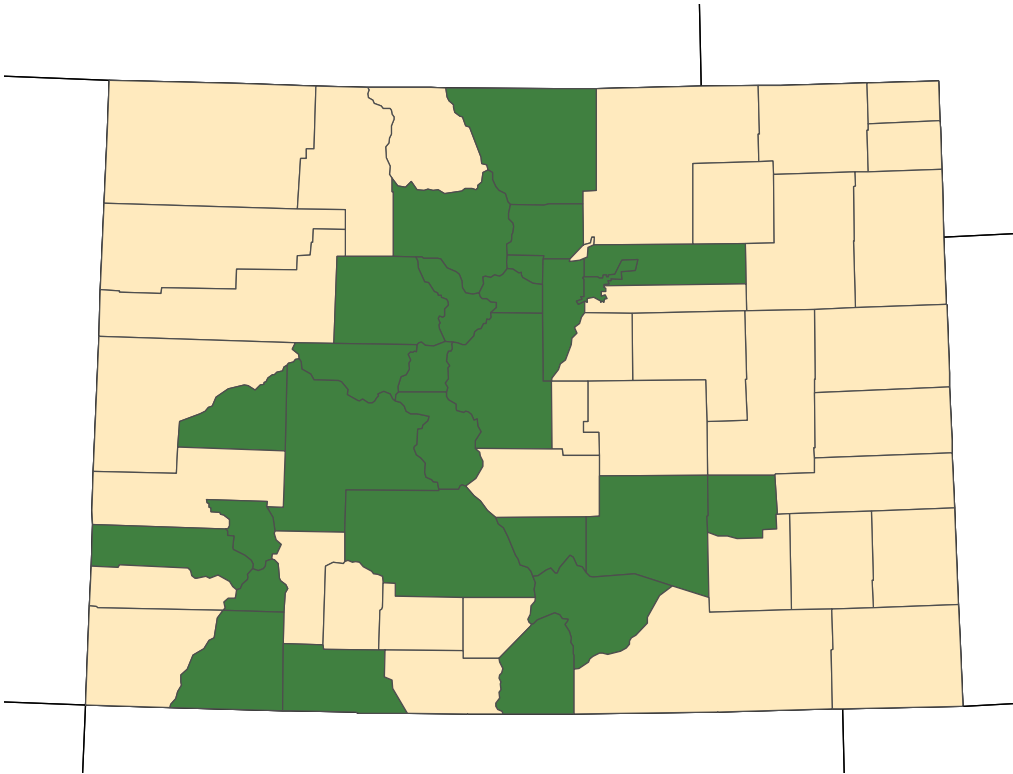
THE POT STATE

Change in Marijuana Arrest Rates 2012 - 2017

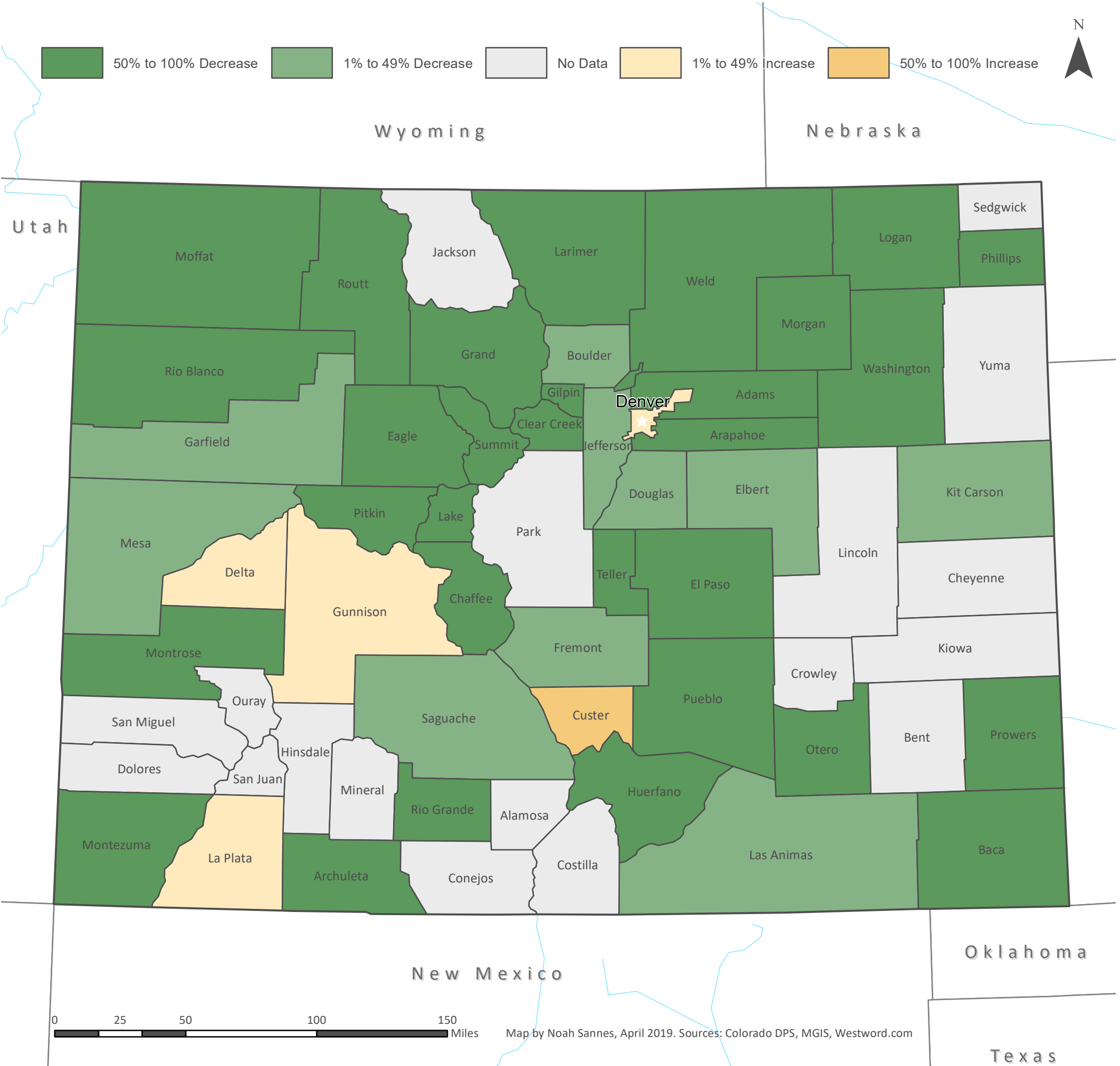
by Colorado county (per 100,000 people)

The State of Colorado legalized marijuana for recreational use in January 2014. However, not all counties permit recreational cannabis businesses to operate. Surprisingly, only 25 of Colorado's 64 counties do not have a ban on recreational cannabis businesses.

The total number of marijuana arrests has decreased by 52% between 2012 and 2017. The arrest rates (# of arrests per 100,000 people) for marijuana-related violations has been recorded, analyzed, and mapped for each county with available data.

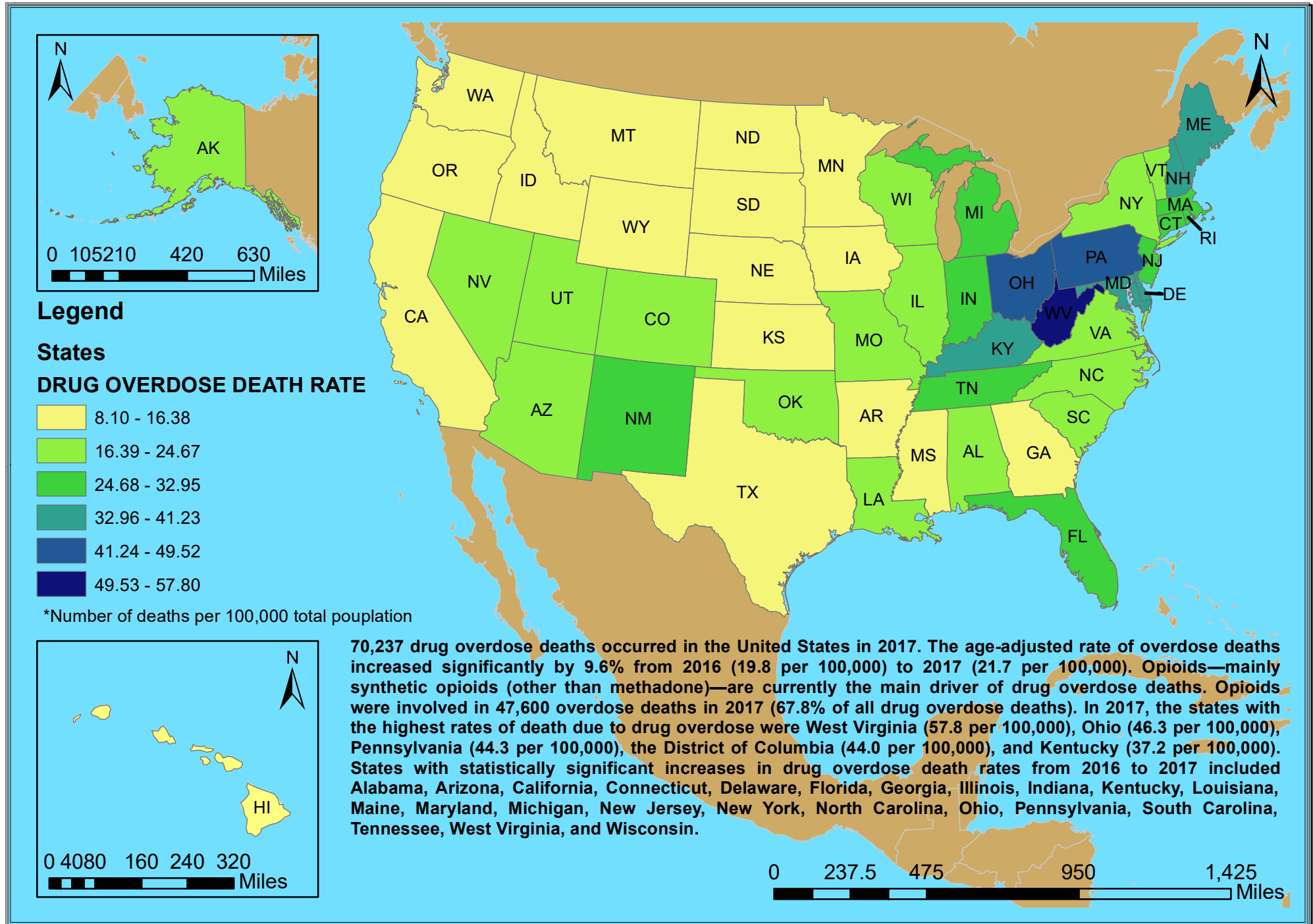


County Regulatory Policy on Recreational Marijuana Businesses

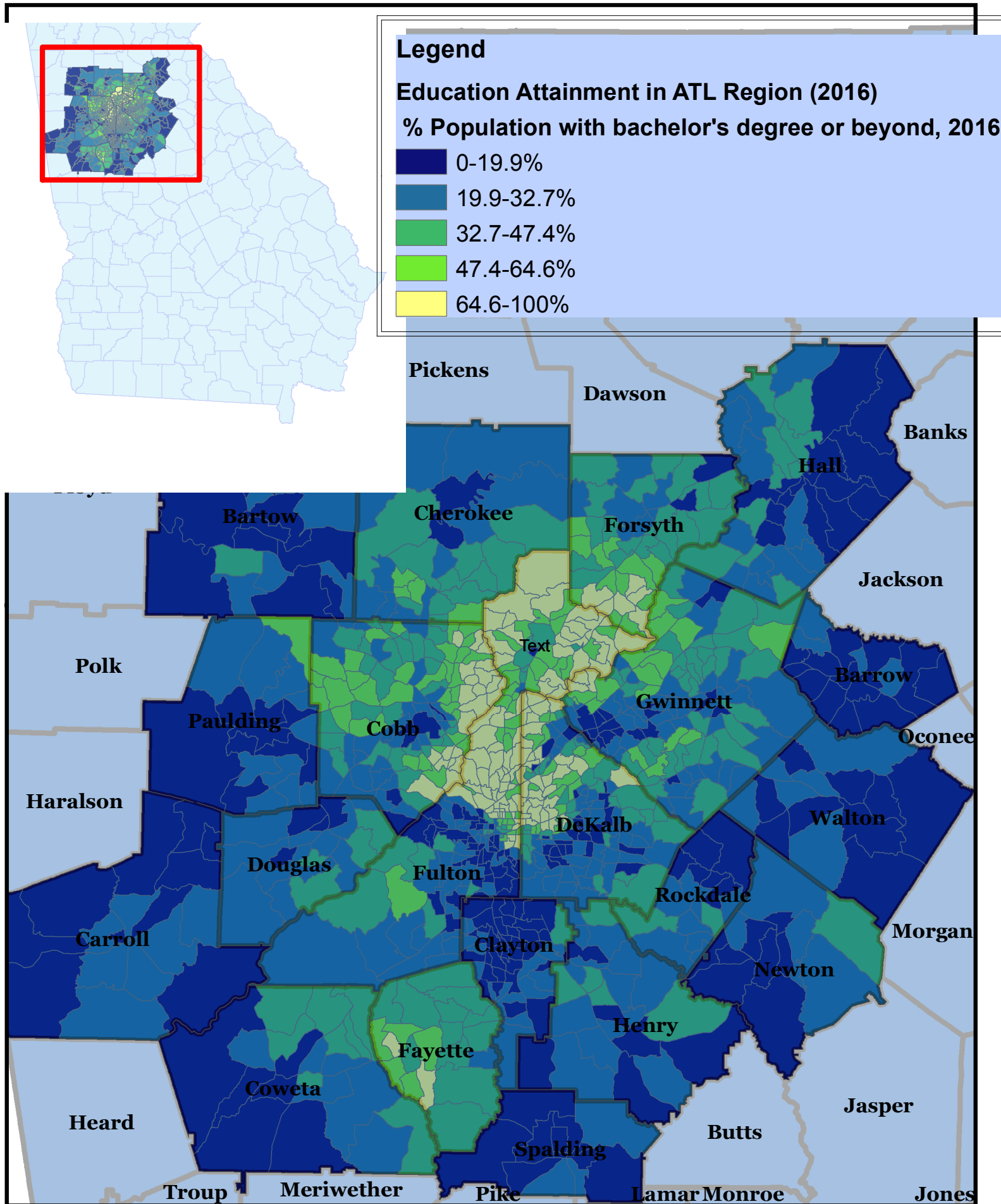


Map by Noah Sannes, April 2019. Sources: Colorado DPS, MGIS, Westword.com

US Drug Overdose Rates in 2017

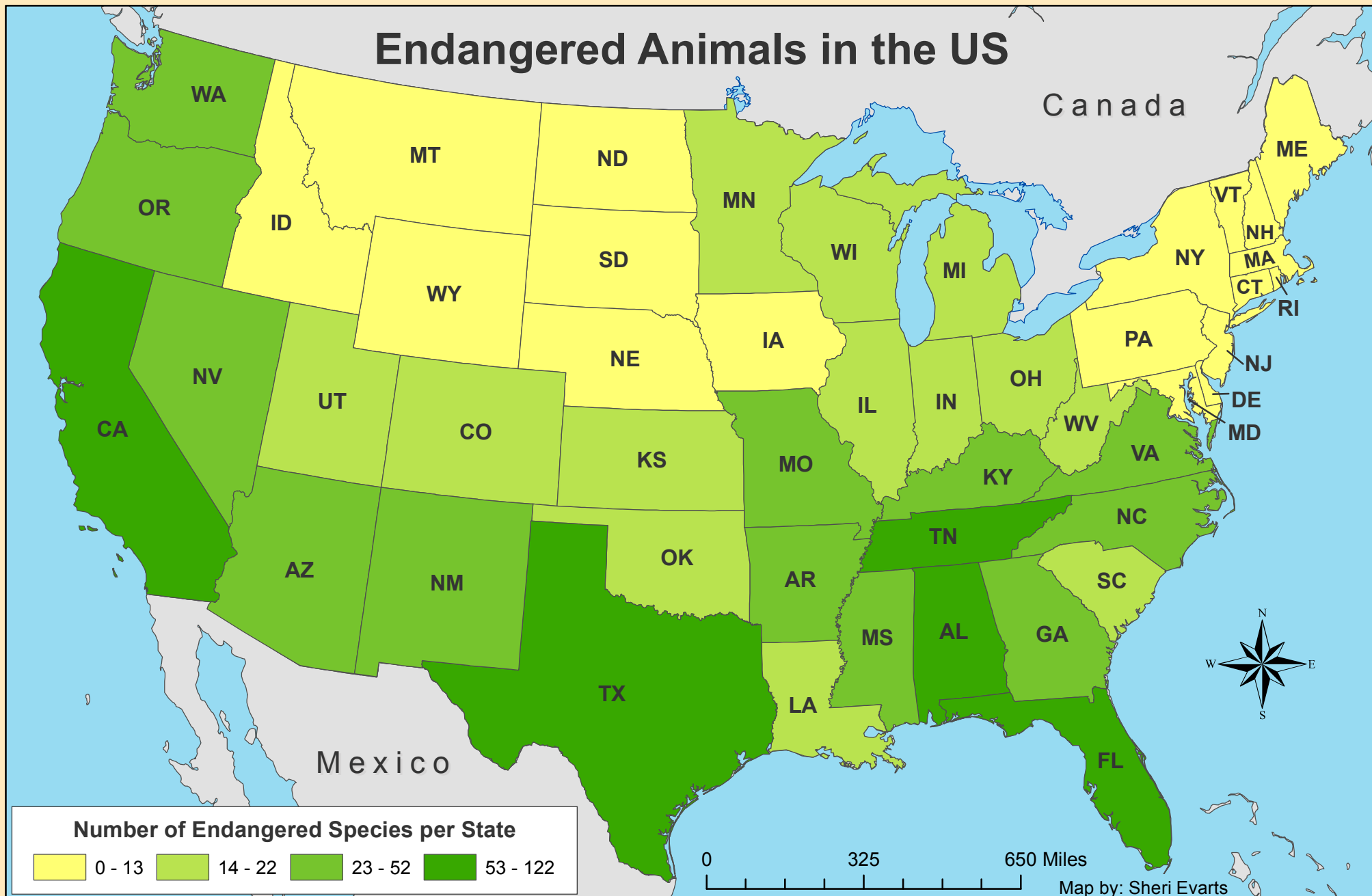


Educational Attainment in Metro Atlanta (2016)



Map Data from Atlanta Regional Commission

Endangered Animals in the US

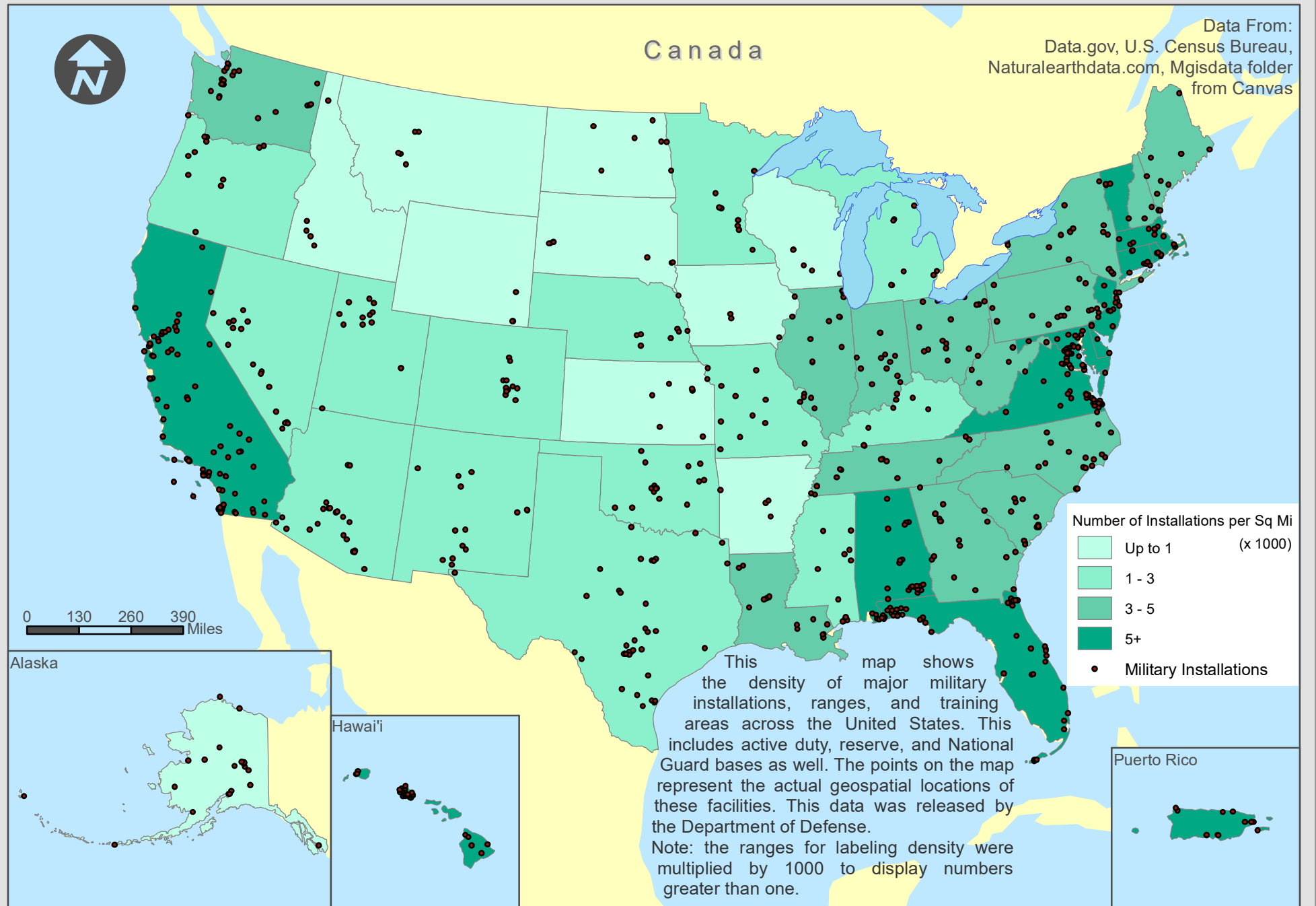


When Congress passed the Endangered Species Act (ESA) in 1973, it expressed concern that many of our nation's native plants and animals were in danger of becoming extinct. There are currently over 600 animal species listed as endangered or threatened by the US Fish and Wildlife Service. Species become endangered for two main reasons: loss of habitat and loss of genetic variation. You can learn more at: <https://www.fws.gov/endangered/index.html>

Density of Military Installations per State

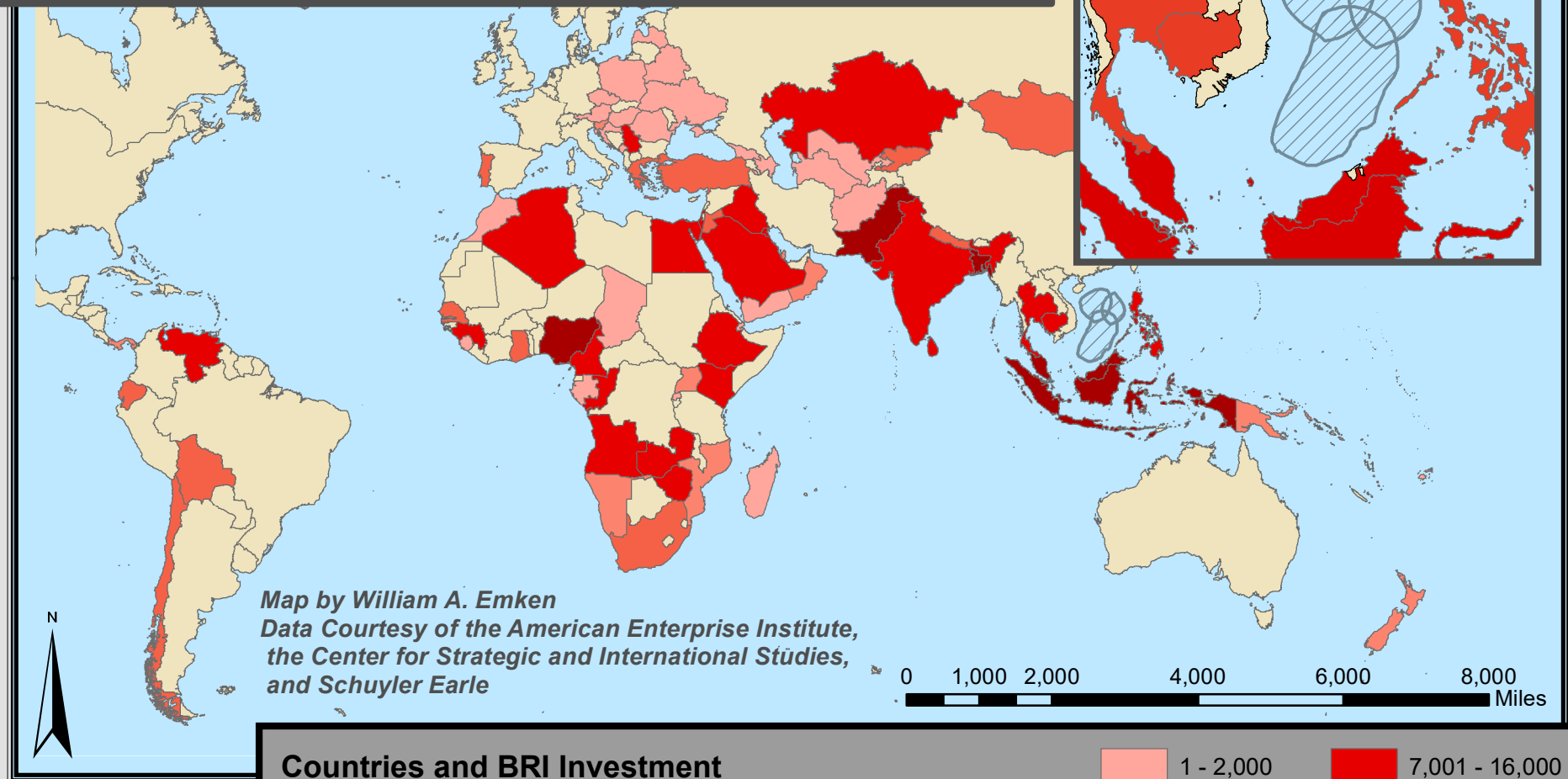
Projection: North American Equidistant Conic

Map by Chloe Thomas



Mapping the Belt and Road Initiative

The Belt and Road Initiative, or BRI, is a Chinese foreign policy program aimed at building up Chinese financial and "soft" power abroad. Here, two key parts of the BRI--investments and construction contracts--are shown. Note the high concentration of Chinese investment around the highly disputed South China Sea (shown in the inset at right). The shaded areas in that map are the waters and island chains that China has claimed as its own in recent years.



Countries and BRI Investment

BRI Investments and Construction Contracts (Millions USD)

0

1 - 2,000

2,001 - 3,500

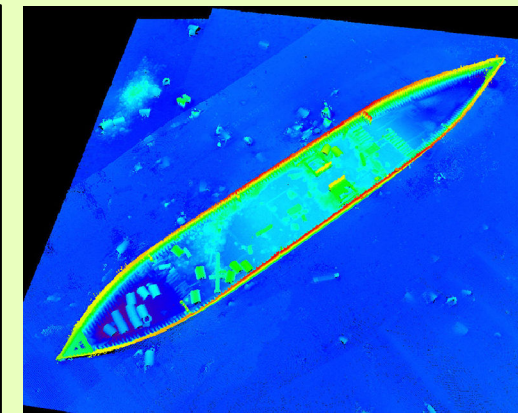
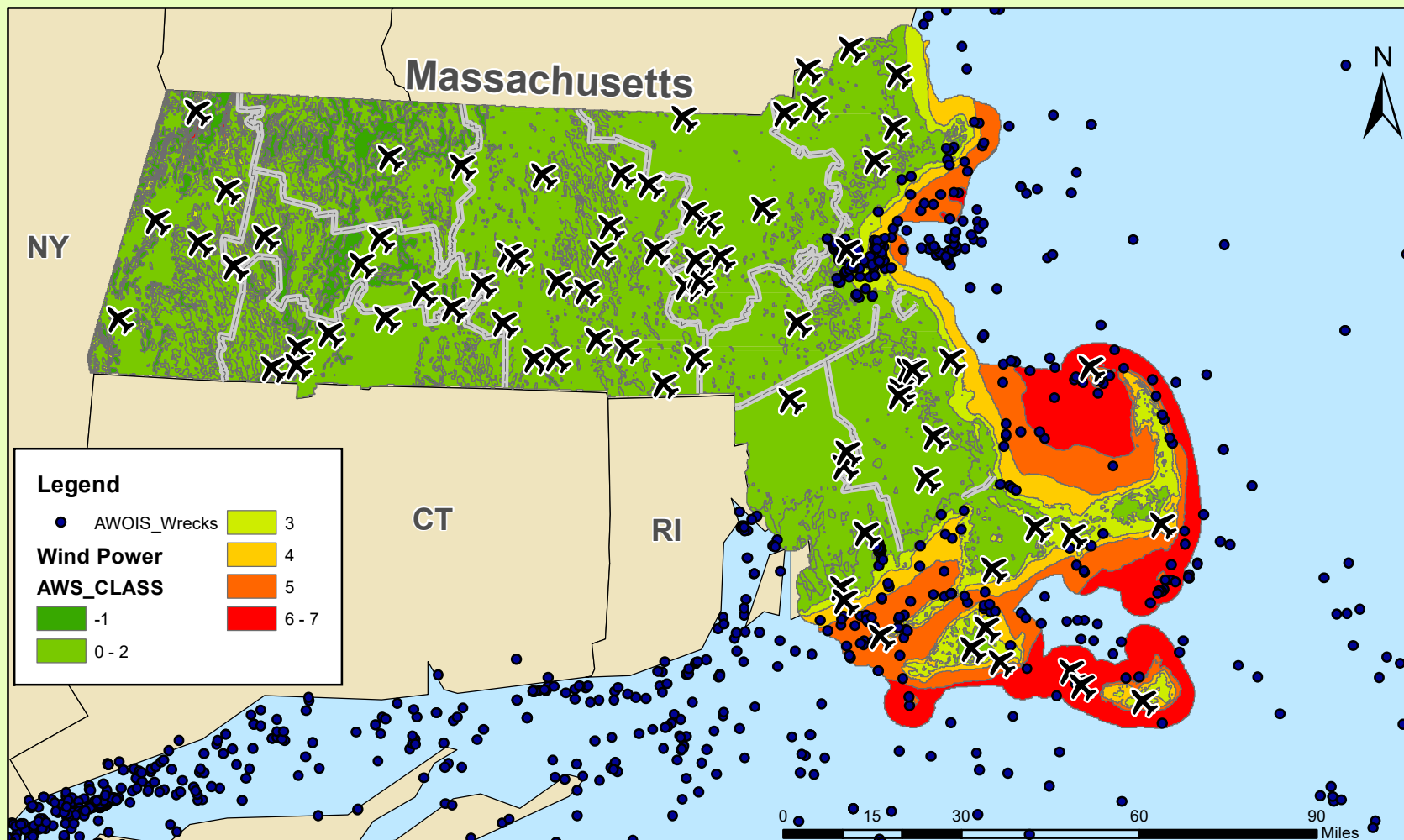
3,501 - 7,000

7,001 - 16,000

>15,000

Wind Power at Elevations of 50m

Antonio M. Leal
April 26, 2019



Multibeam data collected on an underwater wreck found in the Gulf of Mexico

The Automated Wreck and Obstruction Information System (AWOIS) contains information on over 10,000 wrecks and obstructions in the coastal waters of The United States. This information valuable to marine Archeologists, historians, fishermen, divers and others in the marine community. Notably, the map does not seem to demonstrate a correlation between windspeed and wrecks.

<https://nauticalcharts.noaa.gov/data/wrecks-and-obstructions.html>

Class	Resource Potential		Wind Power Density (W/m ²) @ 30 m agl	Wind Speed (m/s) @ 30 m agl ^(a)
	Utility	Rural		
1	Marginal	Moderate	100 - 200	4.5 - 5.6
2	Moderate	Good	200 - 300	5.6 - 6.4
3	Good	Excellent	300 - 400	6.4 - 7.1
4	Excellent	Excellent	400 - 600	7.1 - 8.1
5	Excellent	Excellent	600 - 800	8.1 - 8.9
6	Excellent	Excellent	800 - 1000	8.9 - 9.6



Intuitively, it is expected that the distribution of airports evades the highest wind speeds. However, the map does not seem to show a trend of evasion. Massachusetts airports seem to be uniformly distributed throughout the state regardless of windspeed.

Shapefiles were obtained from MassGIS (bureau of Geographic Information) <https://docs.digital.mass.gov/massgis>, the National Oceanic and Atmospheric Administration Wrecks and Obstructions Database <https://nauticalcharts.noaa.gov/data/wrecks-and-obstructions.html>

Images were obtained from:

https://www.researchgate.net/figure/1-Wind-Power-Classification_tbl1_236503422

<https://www.bbc.com/news/world-asia-46014260>

Washington DC Ward Accessibility by Transit



Legend

Metro Stations

Metro Lines

Transit Stop Density

Stops per Square Mile of Ward Area

0.17 - 0.22

0.23 - 0.29

0.30 - 0.79

0.80 - 1.3

1.4 - 1.8

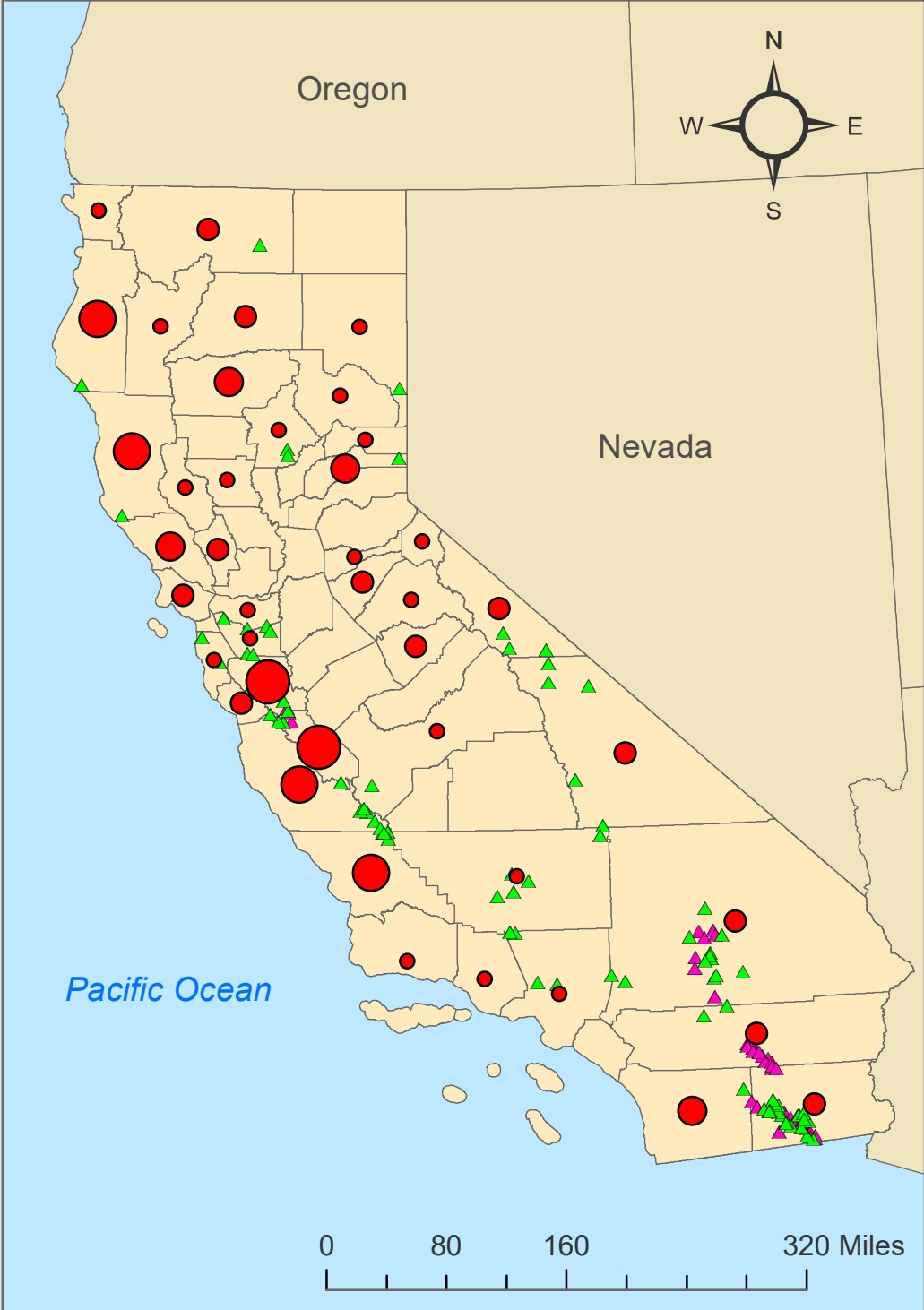
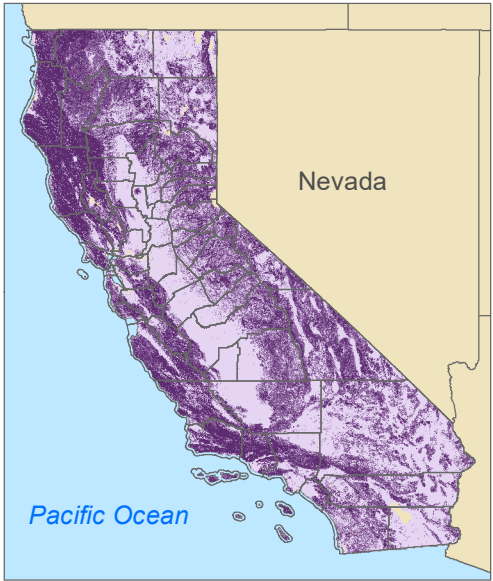
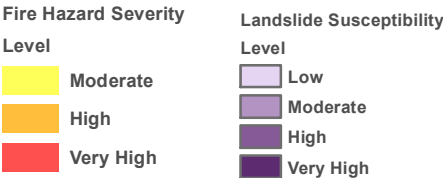
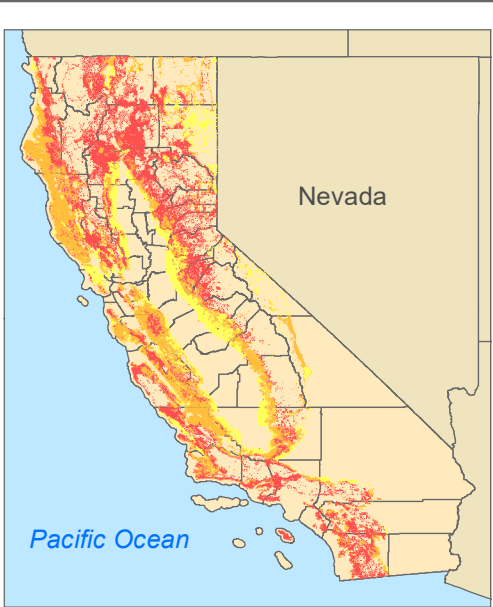
States

This map shows how accessible each of DC's eight wards are via public transit. This is done through displaying the transit stop density of each ward calculated by total number of stops in the ward divided by the area of the ward in square miles. This map can be used to study properties of the city such as property values, development density, and income inequality.

0 1.5 3 6 Miles

California Map: County Danger Index

California is home to many natural disasters. This map shows dangerous counties to live in based on fire hazard severity, landslide susceptibility, surface rupture points and triggered slip points. The larger the number and circle on the danger index, the more dangerous a county is to live in.



Surface Rupture Points

Triggered Slip Points

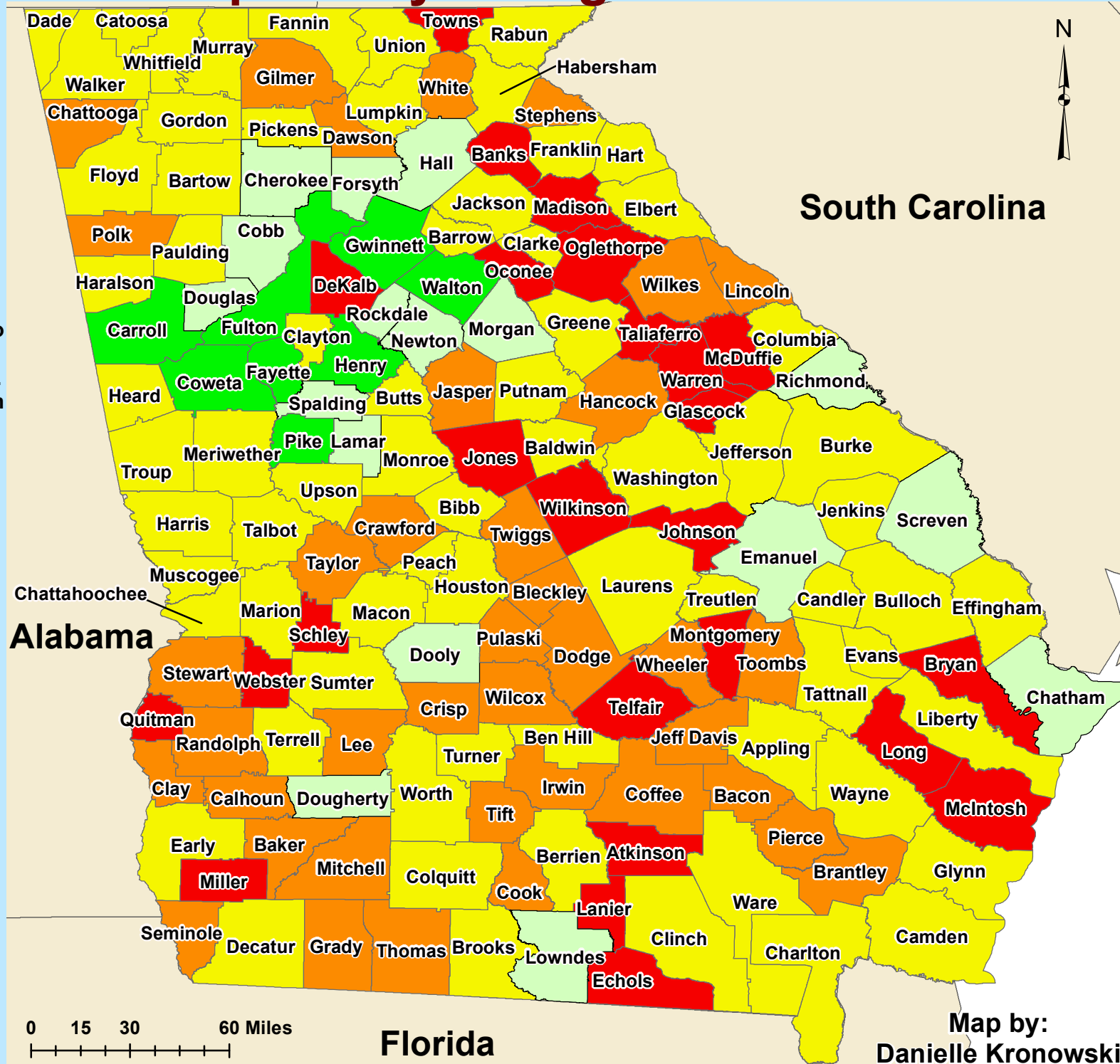
1	2	3	4	5
County Danger Index				

Map by Valeria Vega
Sources:
California Department of Conservation
California Department of Forestry and Fire Protection
California Government Operations Agency
Census.gov

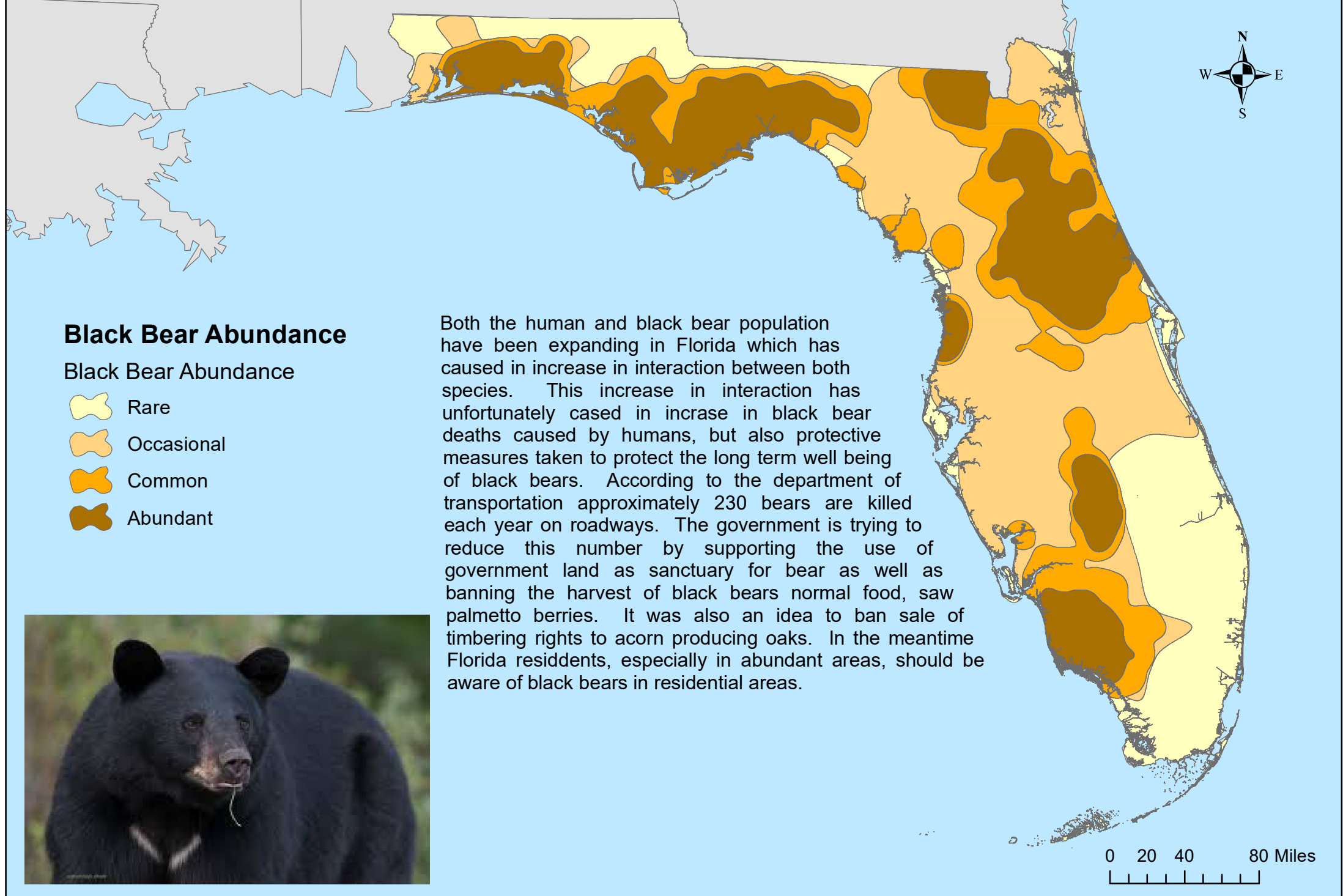
Number of Airports by Georgia Counties

The USA State of Georgia contains 472 total airports. However, only 7 of them publically serve over 10,000 passengers per year. The majority of the airports are small, private airports which can be used for military purposes, reliever airports, or private trips. It is still important to know where each airport is, however, in case of emergencies. This map provides information on how many airports are located in each county in the state of Georgia. Fulton County has the most at 23 airports.

Data from <http://hub.arcgis.com/>



Black Bear Abundance in Florida





European Countries and Their Castles



Map By: Dalton Snyder



Caernarfon Castle, United Kingdom. Built in 1283 by King Edward I. During its construction, the body of Roman Emperor Magnus Maximus was uncovered onsite.



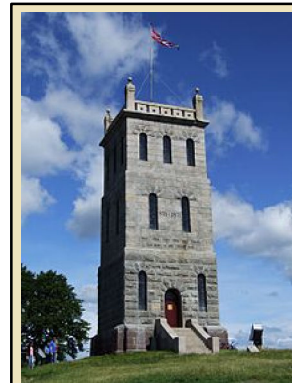
Rhodes Castle, Greece. Built in the 7th Century by Byzantine Knights, A palace was added in the 14th Century. It is thought that the castle stands in the most probable spot where the Colossus of Rhodes stood in antiquity



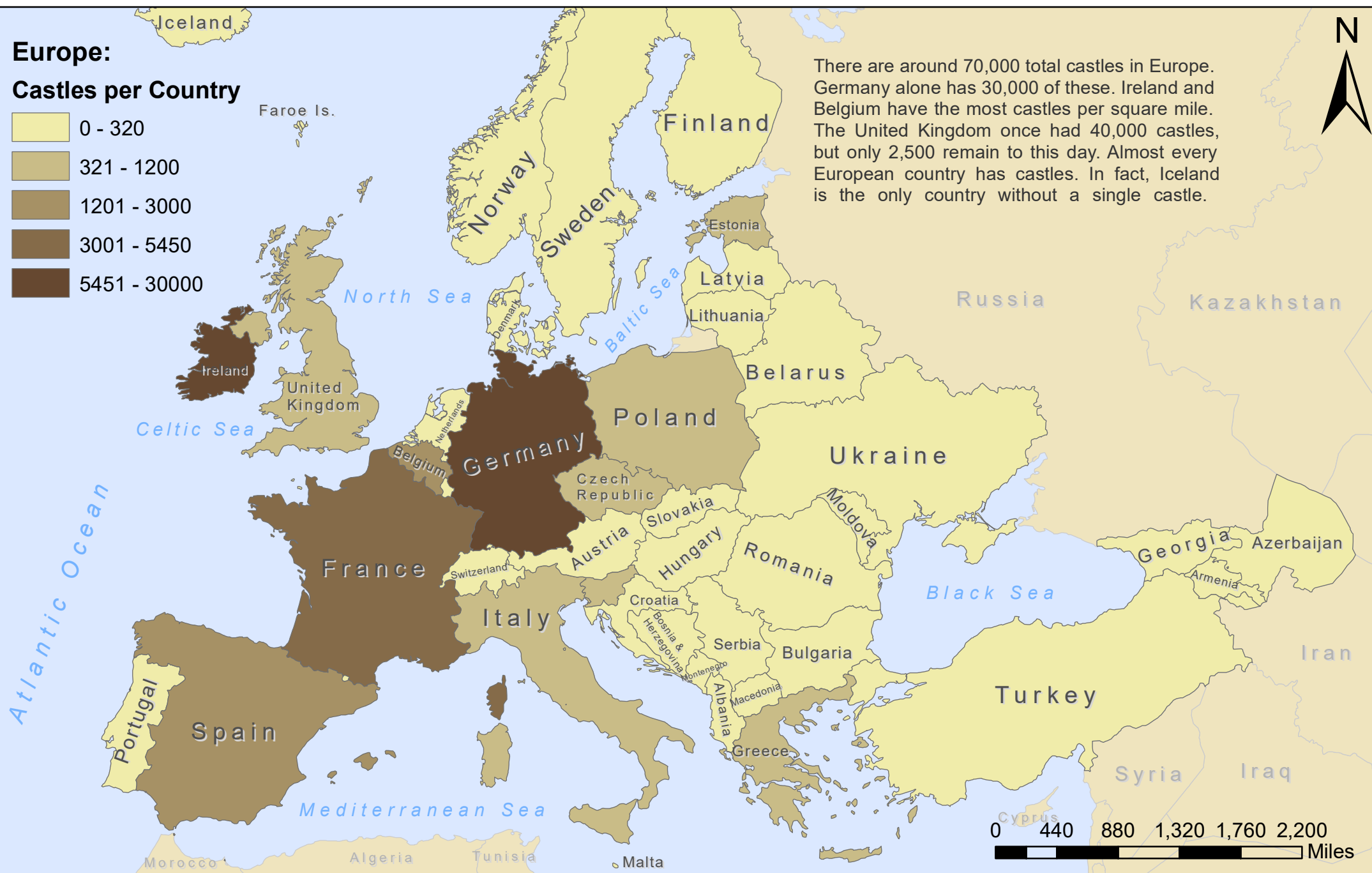
Hohenzollern Castle, Germany. The original castle was completely destroyed. It was then rebuilt in 1454 and again in 1846. The Prince of Prussia resides there today



Bran Castle, Romania. Built in 1377 by Luis I of Hungary. It is known famously as being the inspiration behind Bram Stoker's Castle Dracula.



Tonsberg Fortress, Norway. Built in the 11th Century



History of Castles in Europe

The history of castles begins with the fall of the Roman Empire in 476 B.C. With this came the decentralization of power in Europe around the 5th century. Due to the lack of government, it became necessary for people to provide protection for themselves in the form of fortified homes and hired soldiers. Fuedal lords with power and money built bigger and grander homes which eventually became many of the large castles we see today.

However, A castle in the most simplistic sense starts with only a central keep, the place that the Lord and his family reside. Many castles in Europe were these simple small structures that many people mistake for watch towers. Additional battlements, walls, gate houses and fortified bridges were ideal, but only added if the Lord had the money and resources to do so. In fact, throughout the middle ages, most castles were made out of wood. It was a far more abundant material, cheaper, and required less skilled craftsmen to create. Despite their abundance, not a single one of these wooden castles remains today

Traditional castles fell out of favor around the 15th century as gunpowder and firearms became more prevelant. Stone walls could no longer defend against the bombardments. As a result, a shift towards more modern, thick walled, brick and earthen star forts came to the rise.

Tornado Frequency in the United States (2017)

Top 5 Most Dangerous States

Texas	167
Georgia	117
Oklahoma	85
Louisiana	84
Missouri	81

According to the Population Reference Bureau (PRB), tornadoes are the 5th highest cause of death by natural disasters.

Knowing where tornadoes are most common may be beneficial to you and your family. Take precautions if you live in a state where tornadoes are most likely.

