

# Collier County Transit Development Plan

Discussion Group Meeting #1

April 1, 2020 from 10:00 to 12:00

Virtual Meeting



# Today's Workshop

- Introductions
- Overview and Purpose of TDP
- TDP Process and Schedule
- Public Outreach Plan
- Existing Conditions
- Peer & Trend Analysis
- On-board Survey
- Mobility Perspectives
- Mission, Goals and Objectives
- Mobility Strategy Discussion
- Next Steps



# Introductions

- Project Team Introductions:
  - Josephine Medina, MPO Project Manager
  - Zachary Karto, CAT Project Manager
- Working Group Participants:
  - Michele Forrest, FDOT
  - Mary Ross, FDOT
  - Susan Corris, Career Sources
  - Robert Codie, Lee County
  - Lorraine Lantz, County Transportation Planning
  - Leandro Goicoechea, County Engineering
  - Greg Strakaluse, Naples Transportation
  - Daniel Smith, Marco Growth Management
  - Cormac Giblin, County Housing
  - Anita Jenkins, County Zoning
  - James Caton, PTAC
  - Derek Perry, County Attorney
- Others

## Role of the Working Group

- Technical Advisors
- Policy Advisors
- Provide Community Context
- Preview Findings
- Preview Recommendations
- Help set mobility vision
- Help set priorities

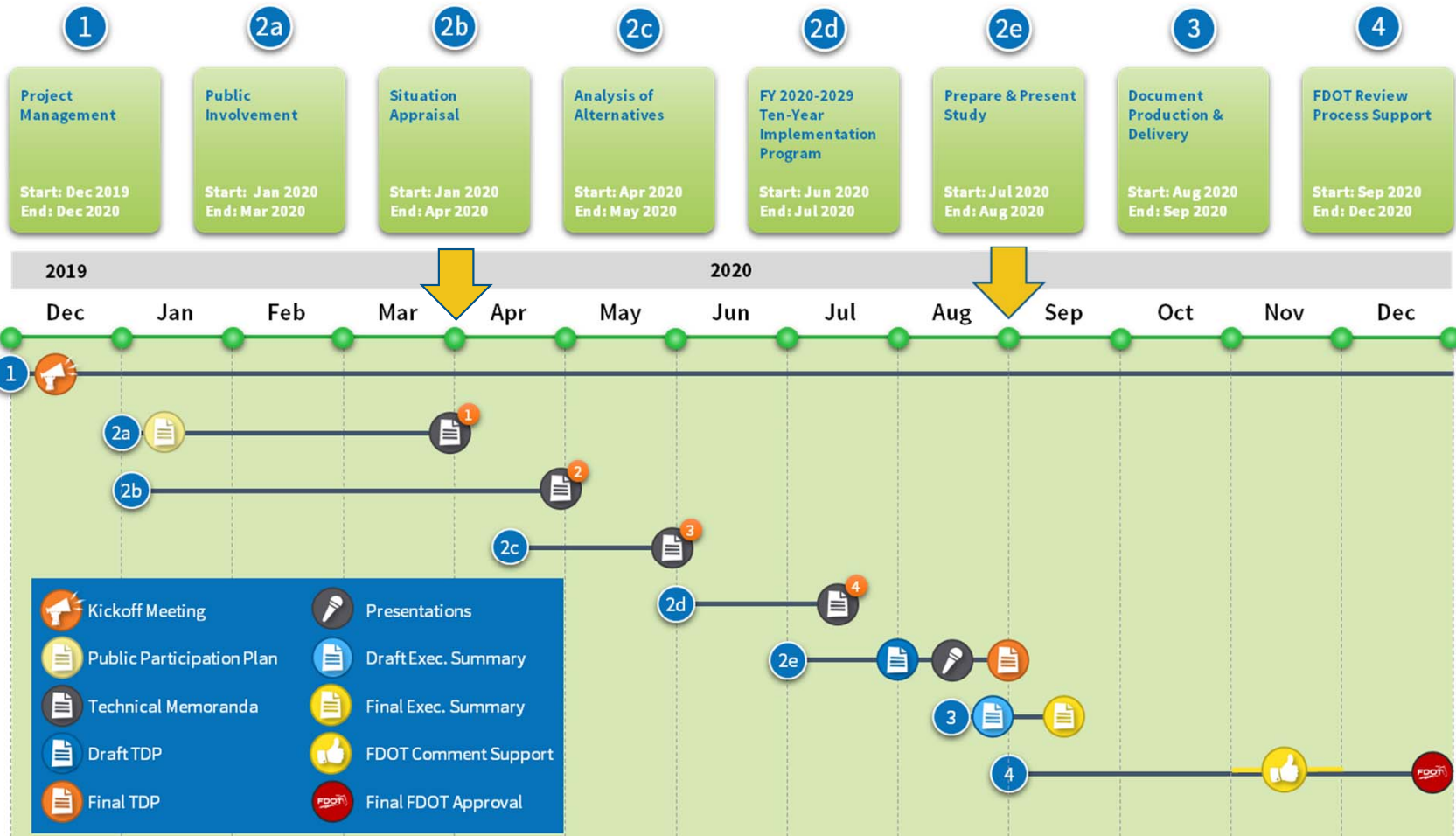


# Study Overview and Purpose

- The Study is a Transit Development Plan
- A TDP is a 10-year strategic plan for transit and mobility
  - Evaluate demographics and travel behavior
  - Assess existing travel needs
  - Assess existing transit/mobility services
  - Conduct public involvement and outreach
  - Identify mobility gaps
  - Determine transit/mobility needs and goals
  - Develop mobility solutions
  - Develop service implementation and funding programs
- FDOT requirement
- Prioritized program of mobility investments for 10 years



# TDP Process and Schedule





# Public Outreach Plan

- Required by FDOT
- Focused on Engagement
- Target General Public
- Target Underrepresented
- Blueprint for Outreach
  - On-board survey
  - Online surveys
  - Small group discussions
  - Public workshops
- Approved by FDOT March 20<sup>th</sup>



# Existing Conditions

## Demographics

- 88.1% White
- 27.5% Hispanic
- 11.9% Nonwhite

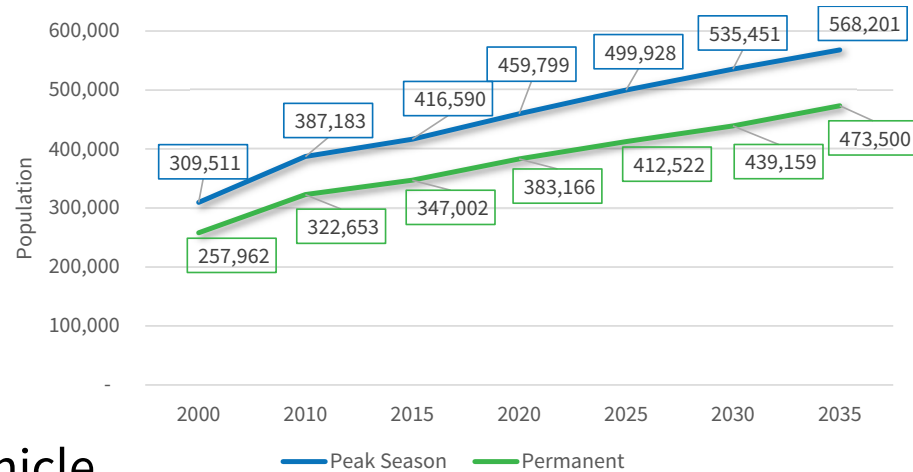
## Commuting

- 5.3% households without a vehicle
- 8.3% work outside county
- 2.2% take transit



## Income

12.3% below poverty level



## Population Growth

- 48.5% from 2000 to 2020
- 23.6% from 2020 to 2035

## Age Distribution

- 14.6% Youth under 15
- 38.1% Over 60 years old



# Existing Conditions



184,346 residents live within ½ mile of CAT (48%)



- 66.6% workers live within ½ mile of CAT



- 71.2% of jobs in Collier located within ½ mile of CAT



31,303 jobs accessible within a 30 min transit commute on average



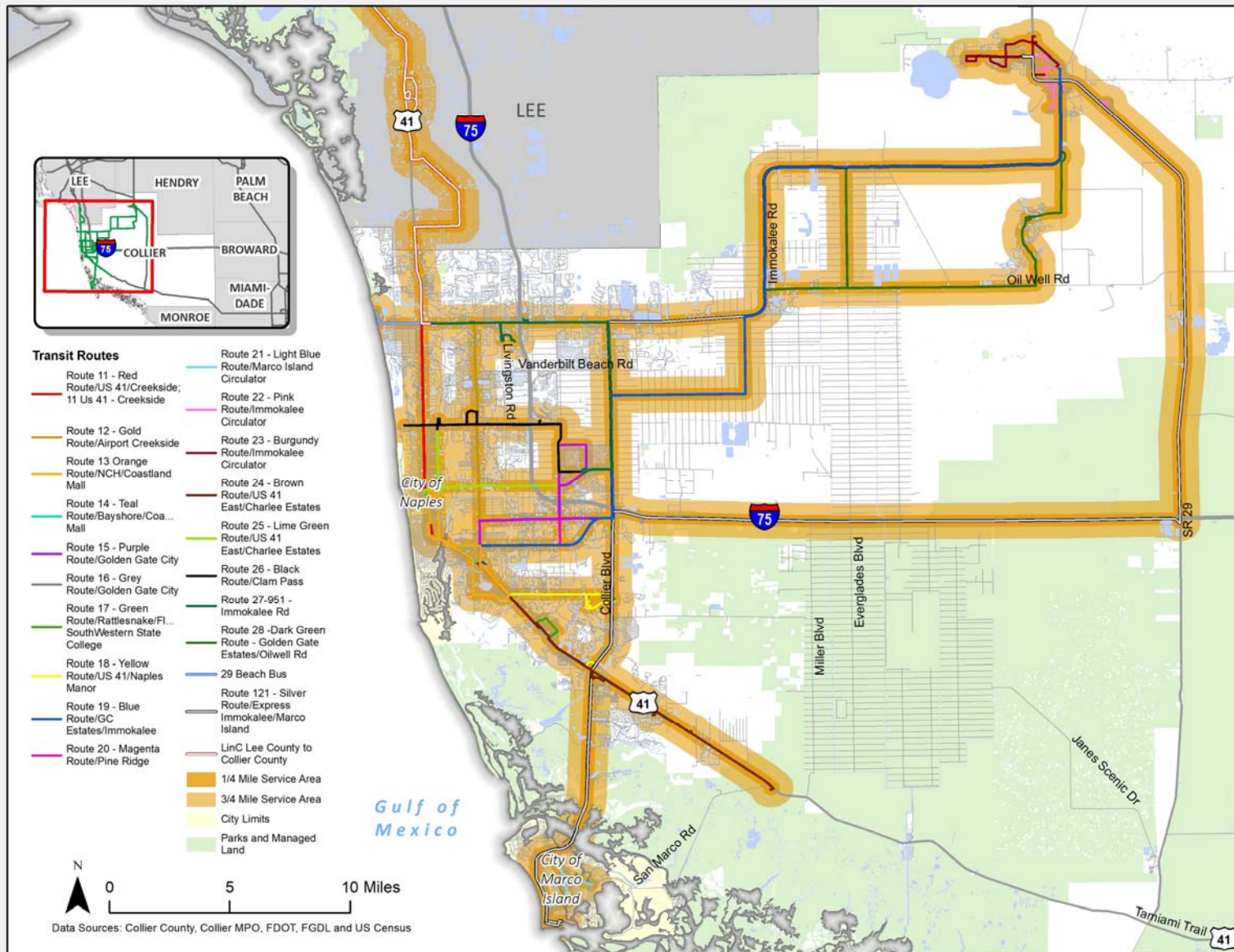


# Existing Conditions

- Collier Area Transit
- Provides two service options
  - Fixed-route bus service - 19 routes - CAT
  - Paratransit service (door-to-door) - CAP
    - For persons qualified for ADA and TD services
    - Fare \$3.00 one-way ADA, \$4.00 for TD trips
    - Requires 24-hour advanced reservation
  - Service delivery costs (NTD 2018)
    - Fixed route - \$7.15 /boarding
    - Paratransit - \$40.47/boarding
  - Service Productivity (NTD 2018)
    - Fixed route – 11.5 boardings/vehicle hour
    - Paratransit – 1.6 boardings/vehicle hour
- Major transfer centers:
  - Intermodal Transfer Station – Govt Center
  - Radio Road Transit Facility

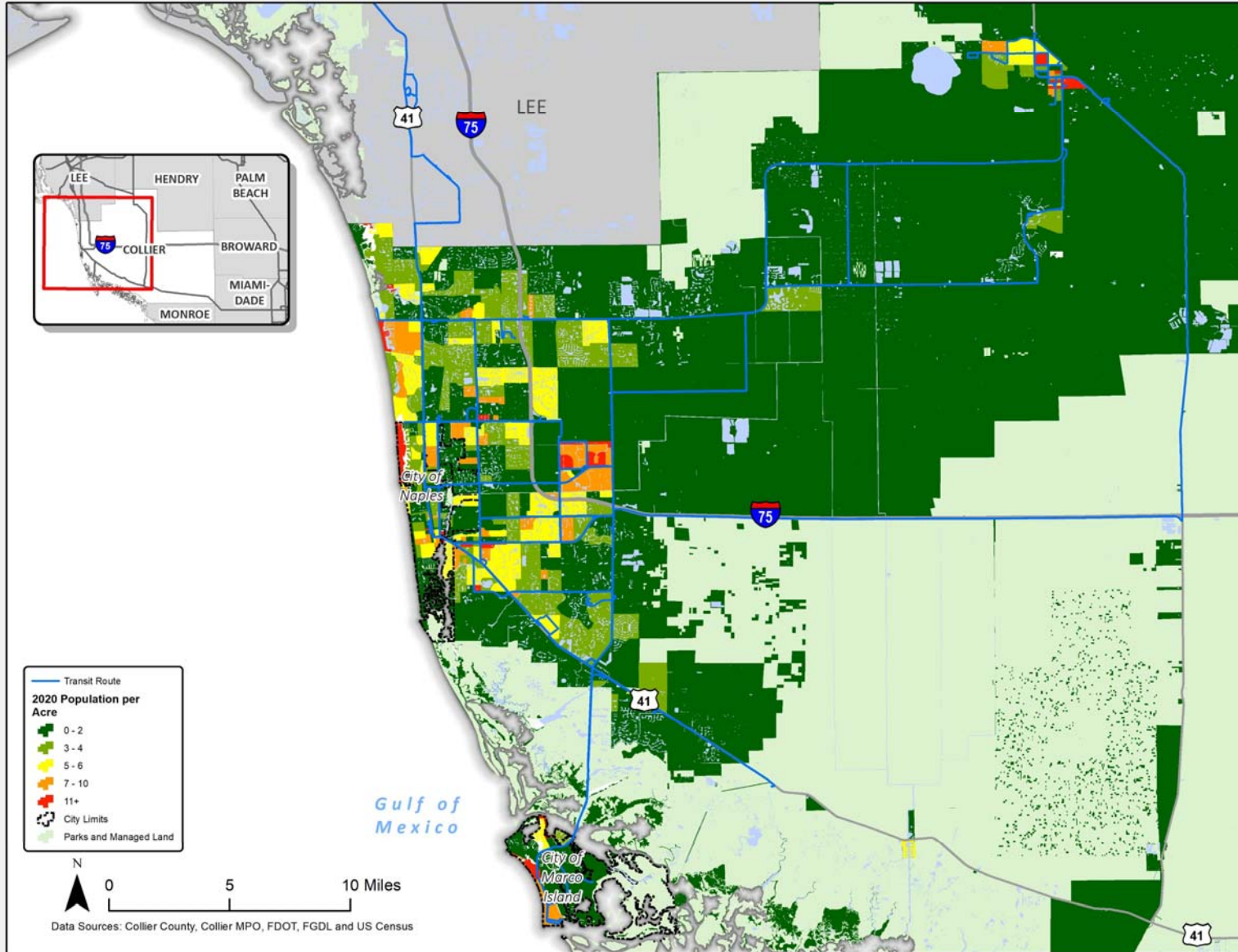


# 2020 Existing Network

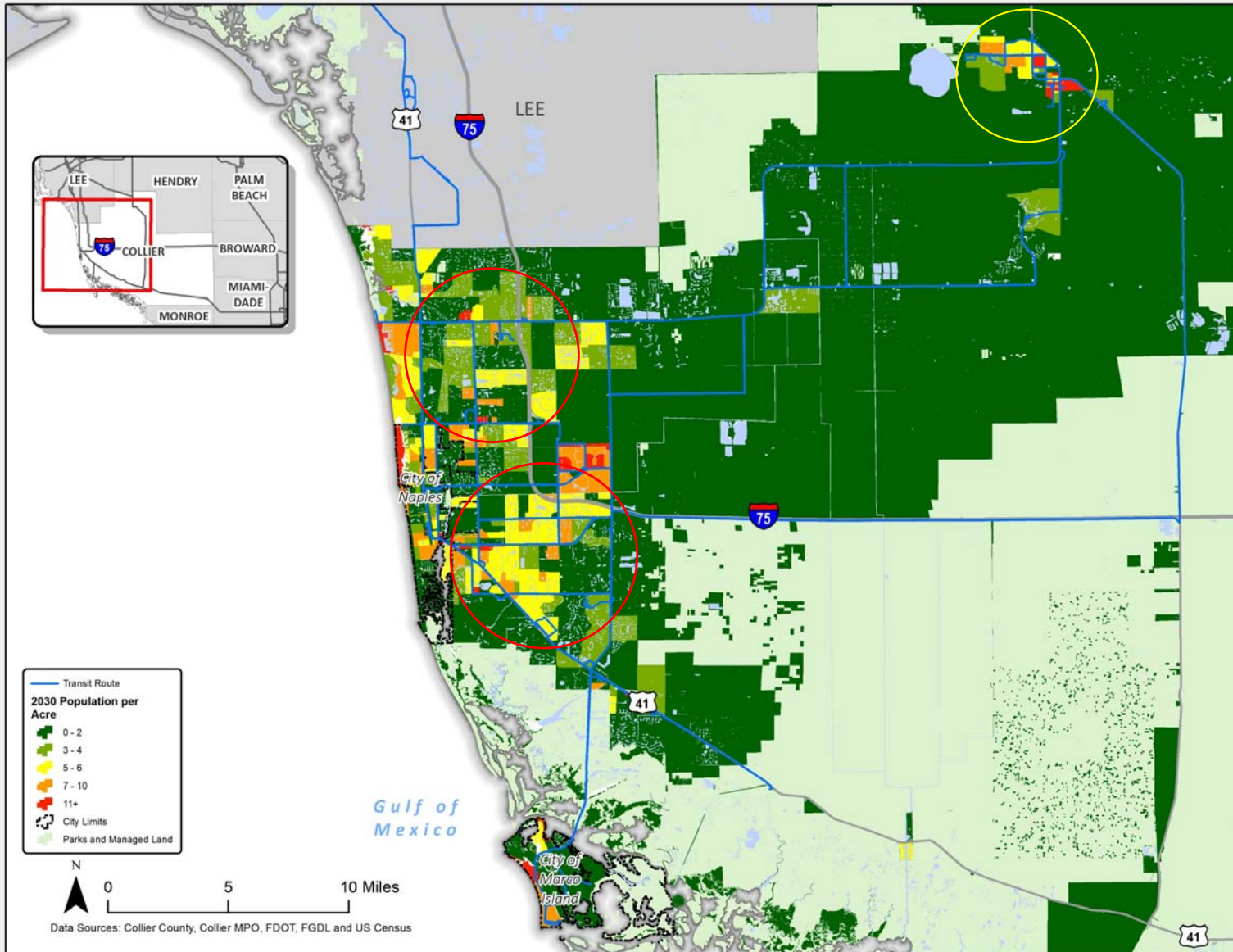




# 2020 Population Density

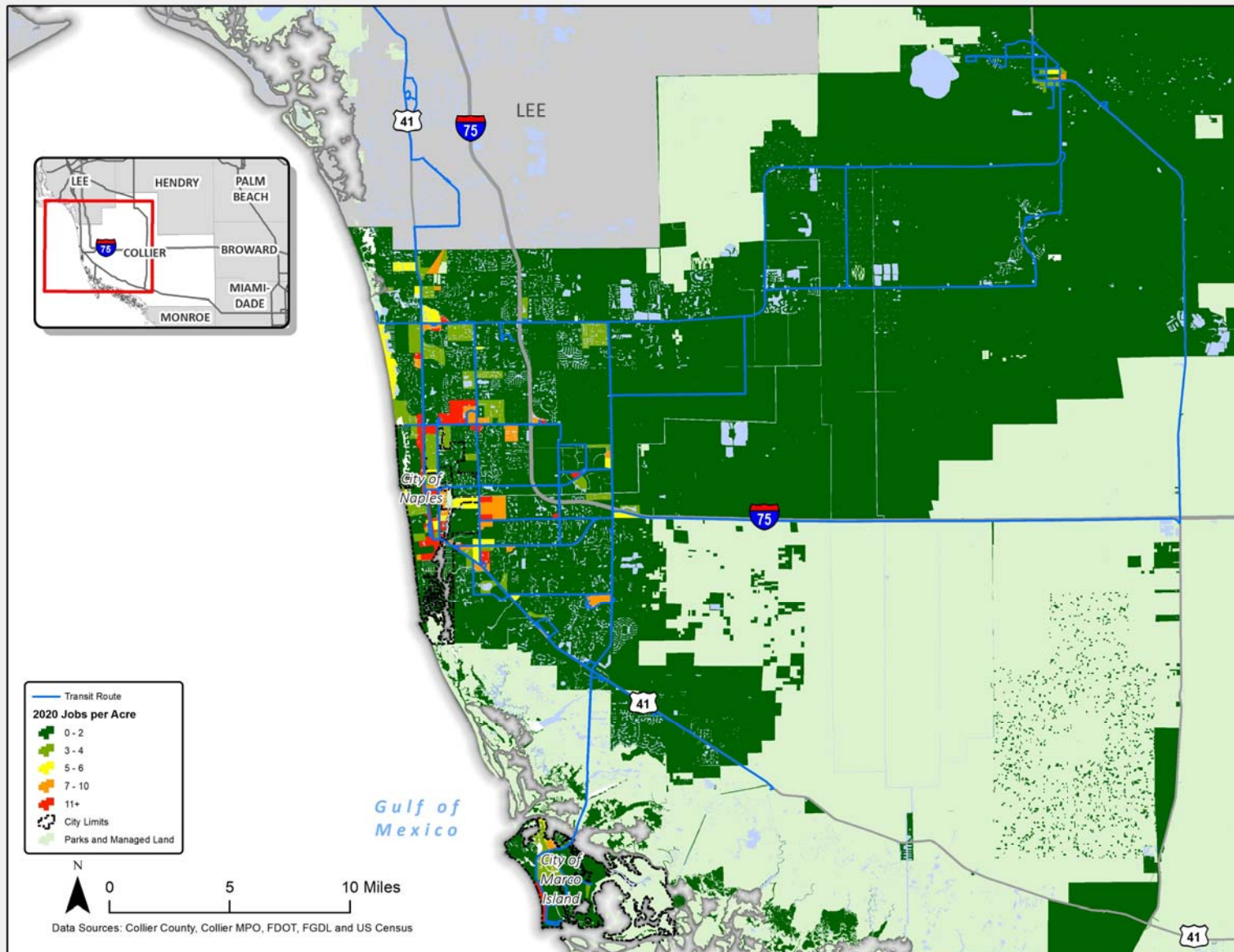


# 2030 Population Density

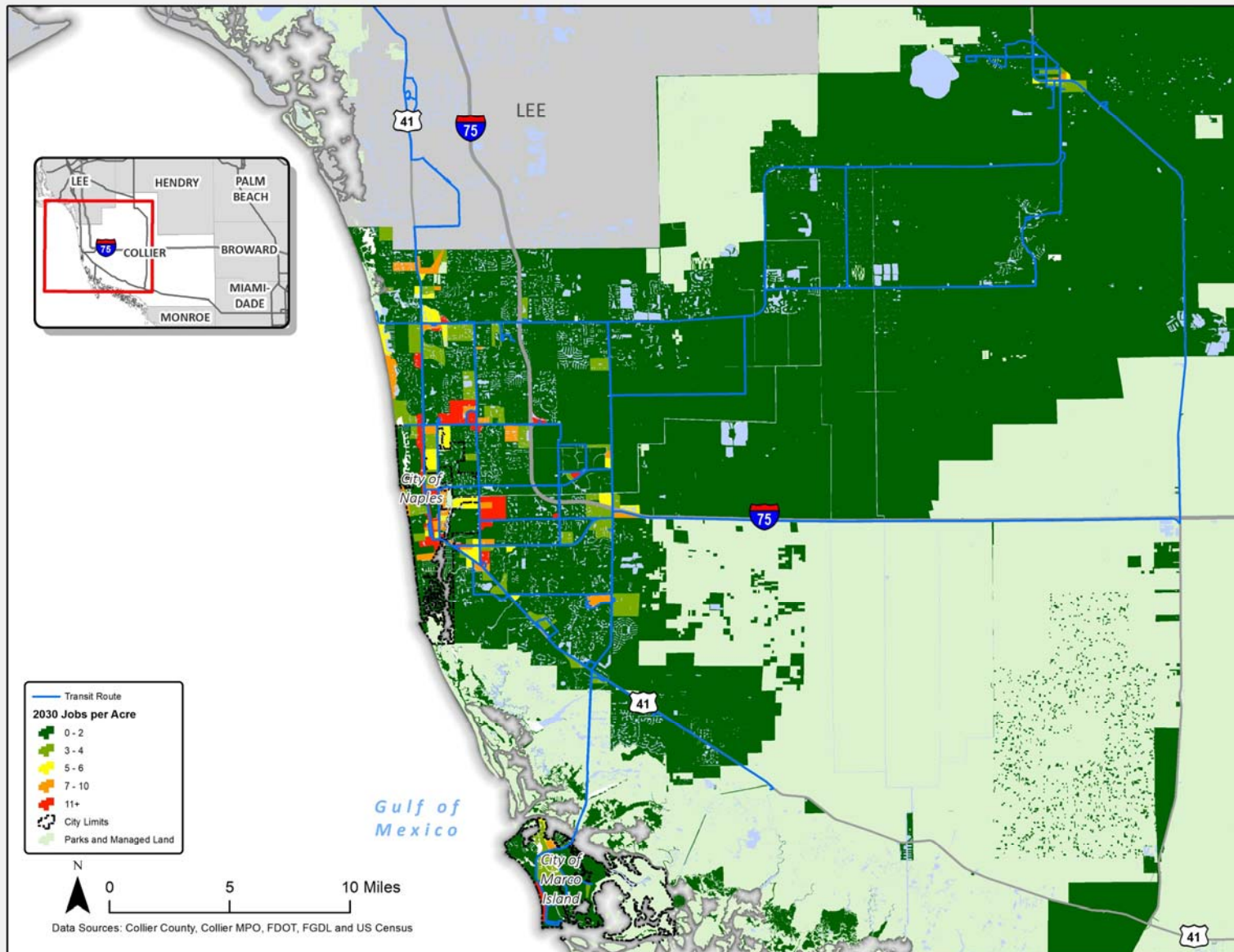




# 2020 Employment Density

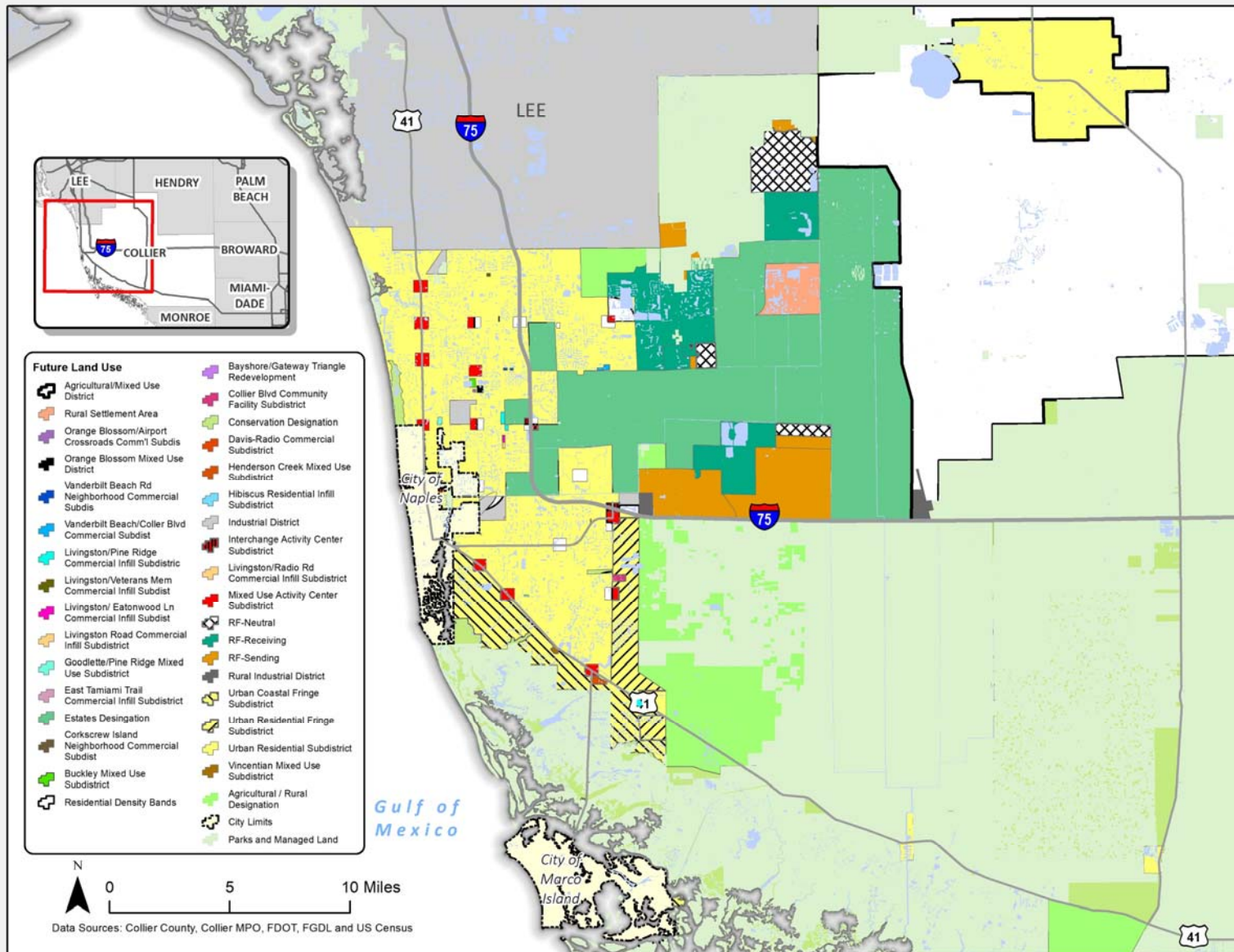


# 2030 Employment Density

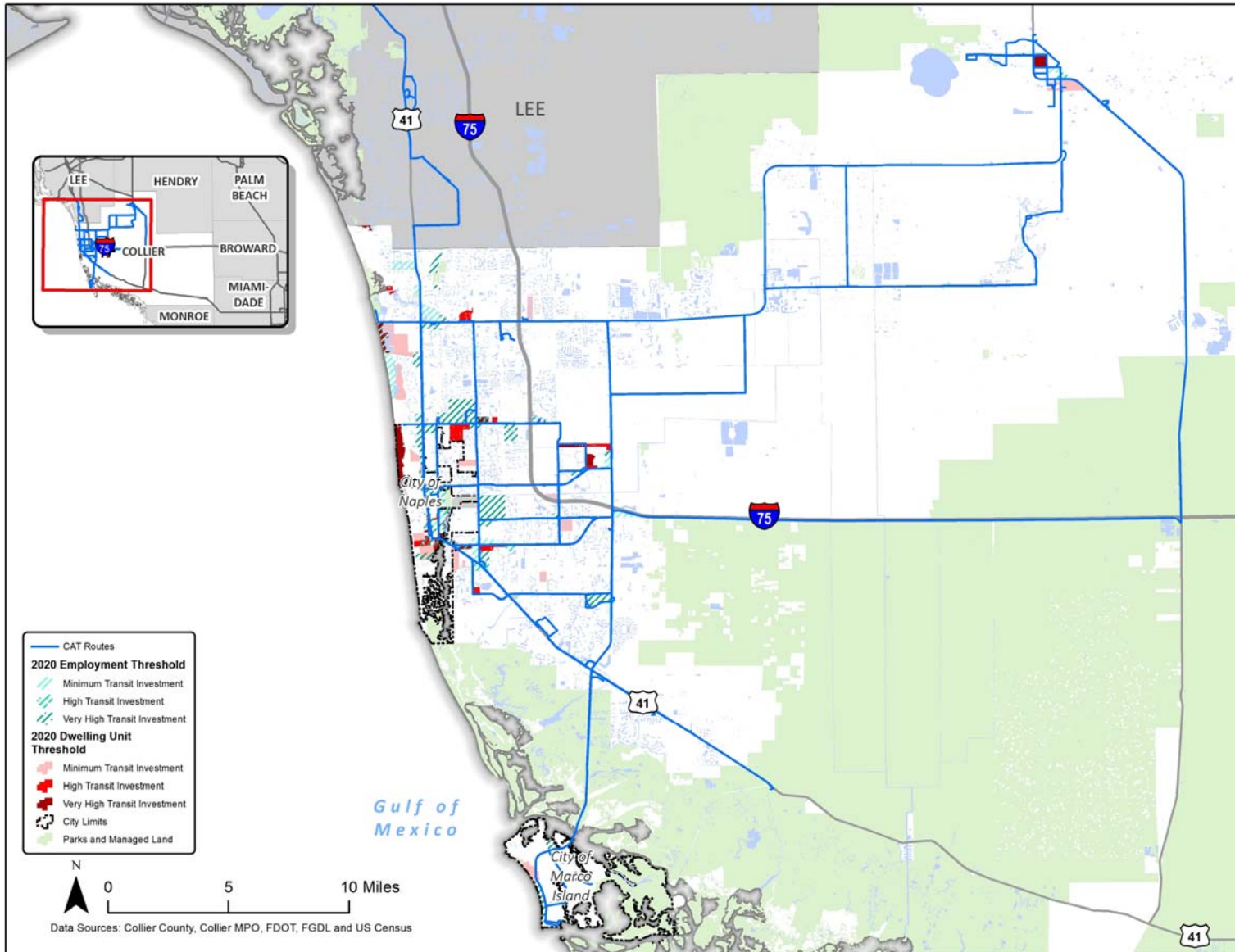




# Future Land Use

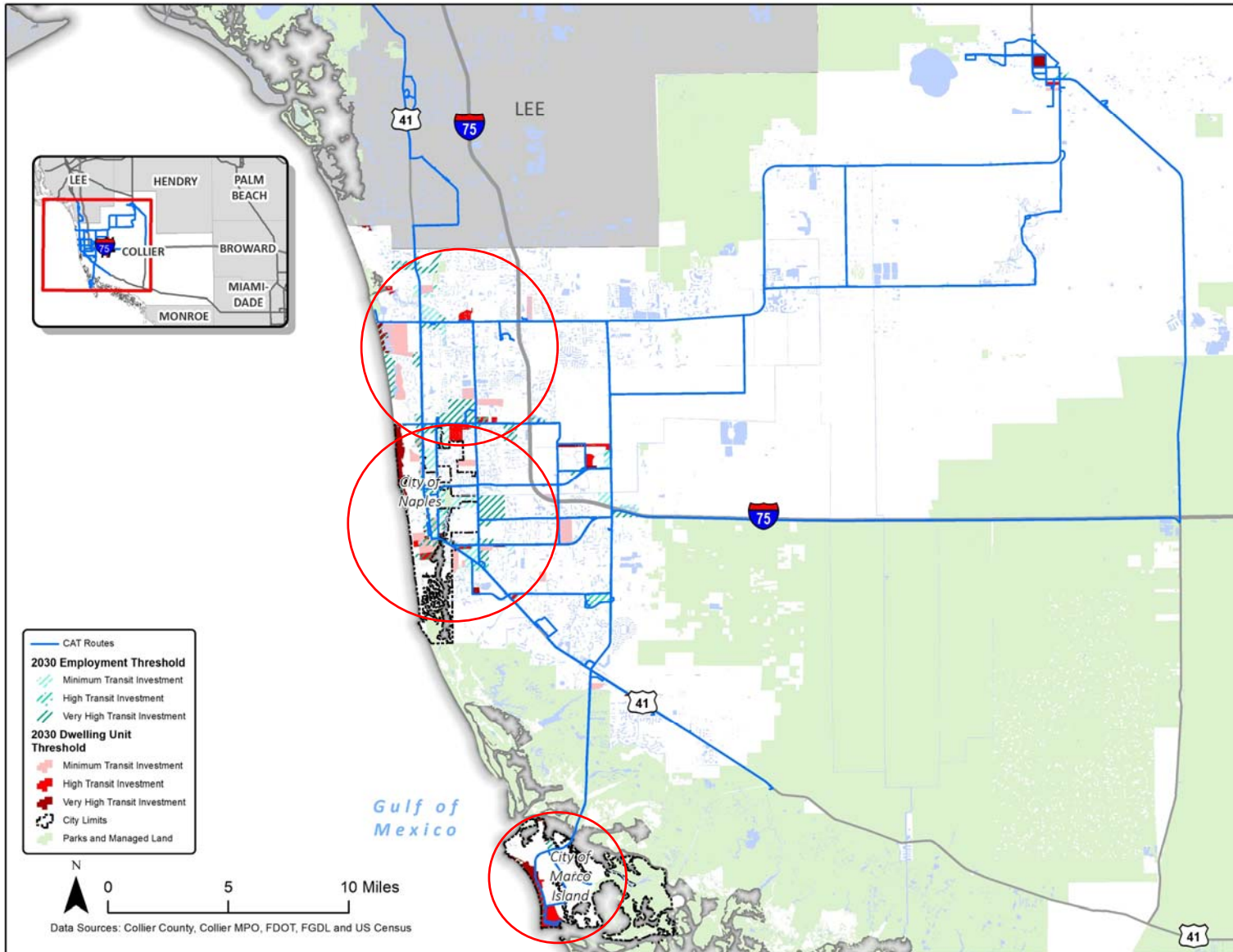


# 2020 Density Threshold

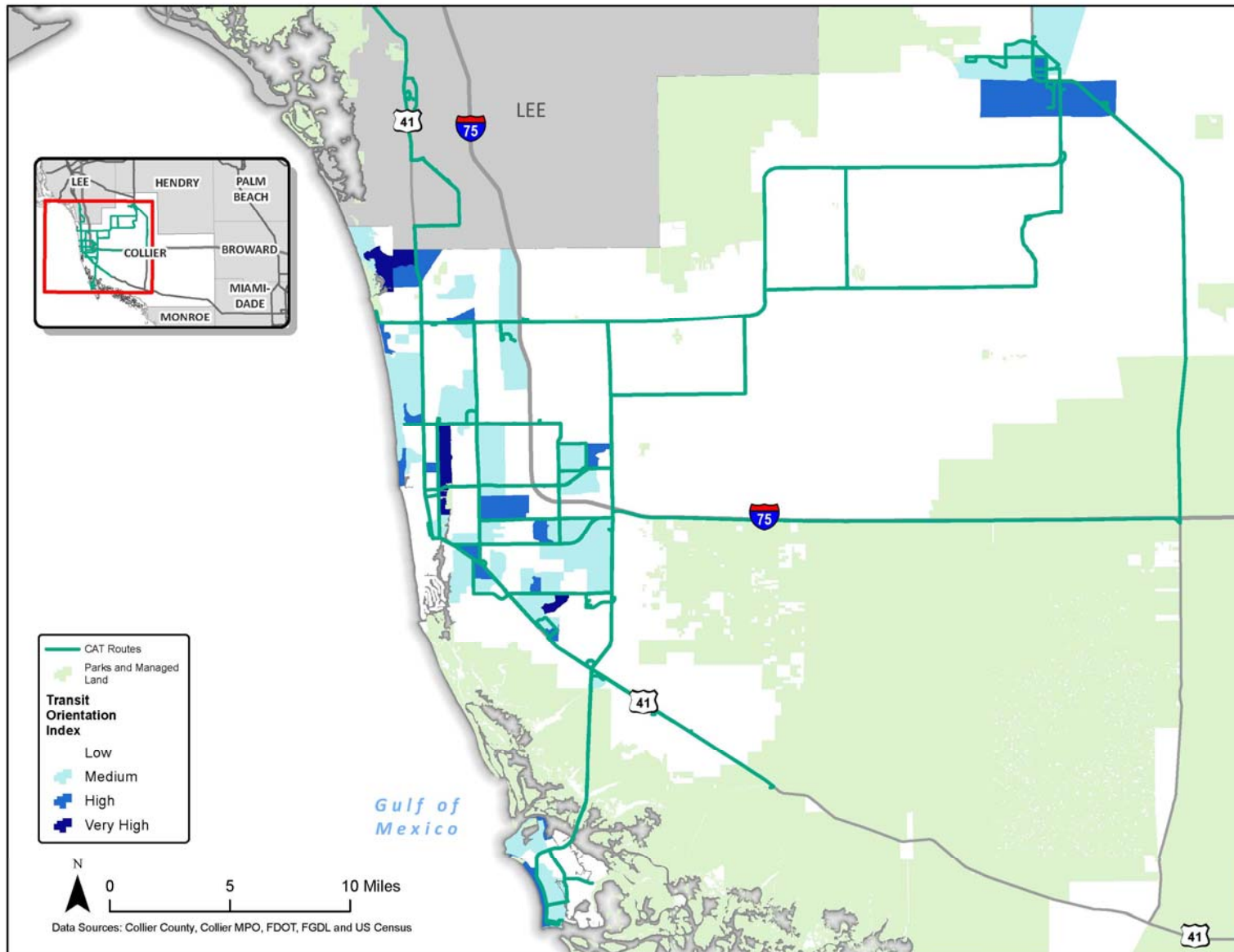




# 2030 Density Threshold

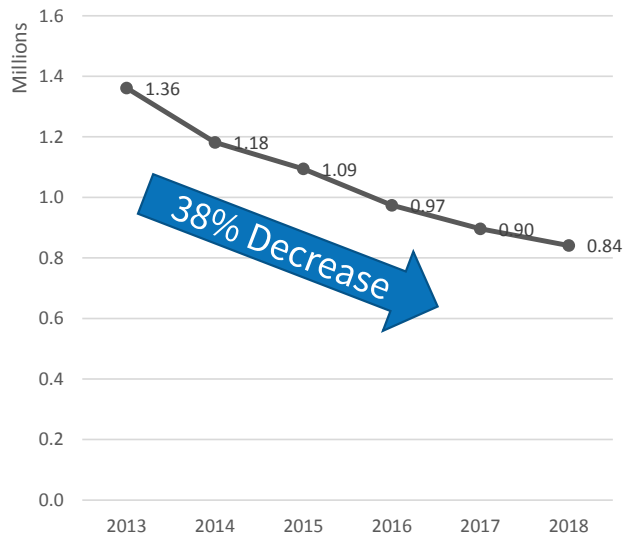


# Transit Orientation Index

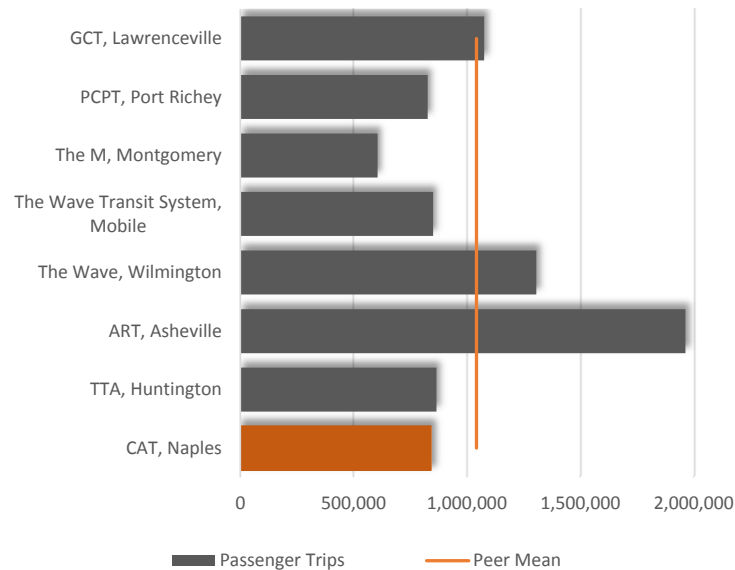


# Peer and Trend Analysis

## Annual Ridership

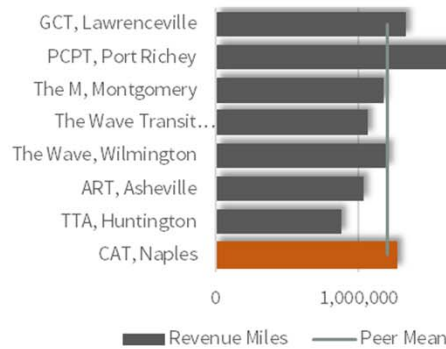
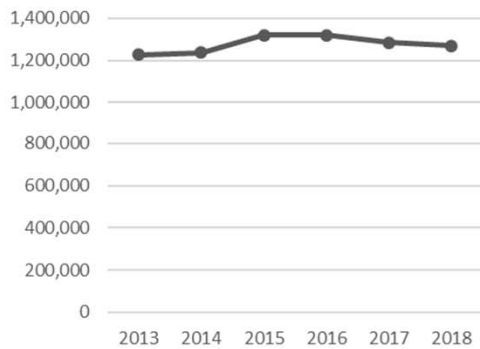
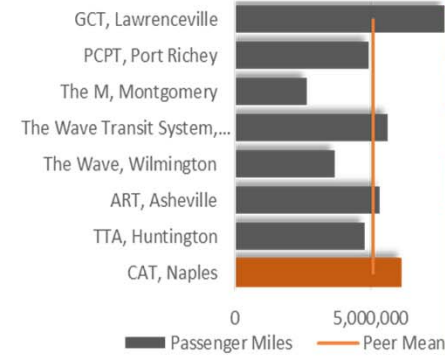
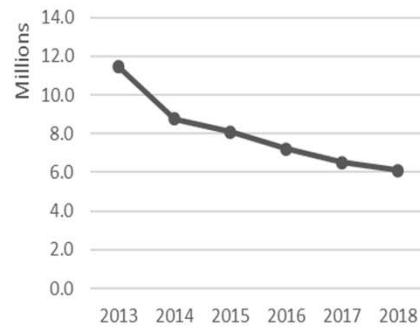
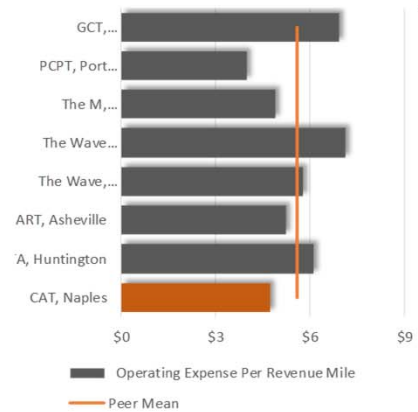


Peer System	Location
The M	Montgomery, AL
TTA (Tri-State Transit)	Huntington, WV
The Wave Transit System	Mobile, AL
ART	Asheville, NC
GCT (Gwinnett Transit)	Lawrenceville, GA
PCPT, (Pasco Transit)	Port Richey, FL
The Wave (Cape Fear Transit)	Wilmington, NC



# Peer and Trend Analysis

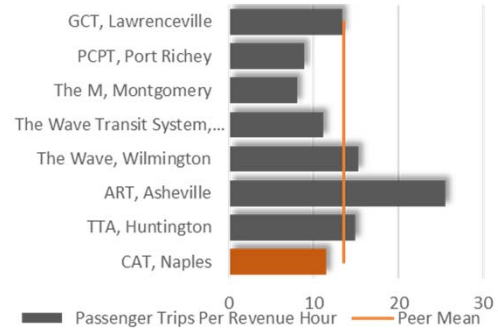
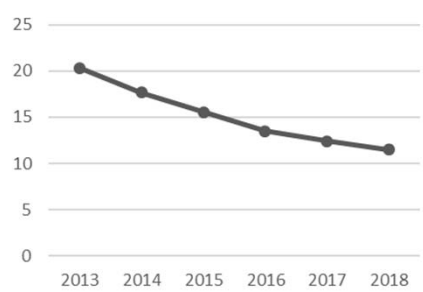
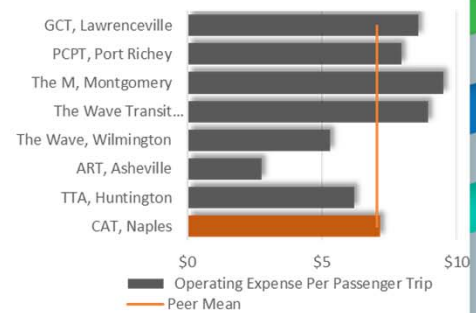
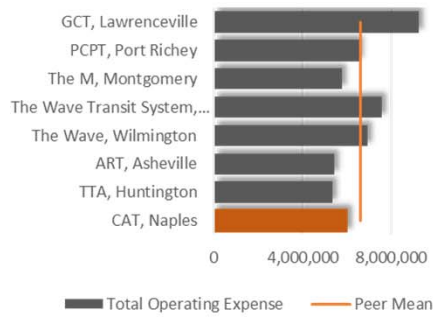
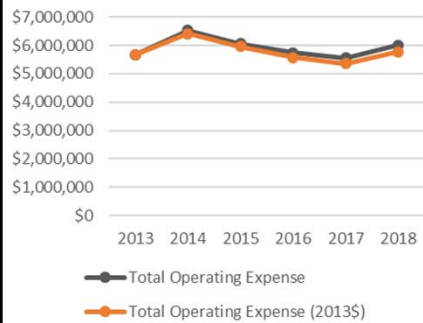
## Cost per Revenue Mile, Change in Passenger Miles, Change in Revenue Miles





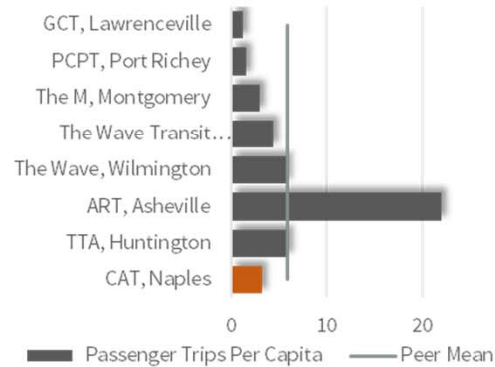
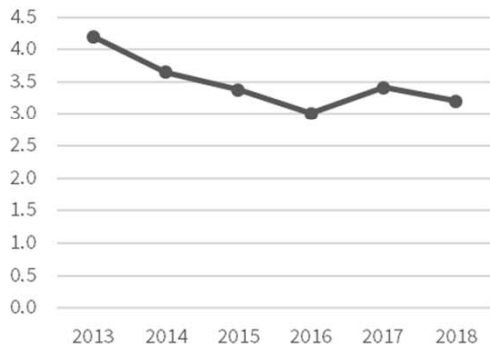
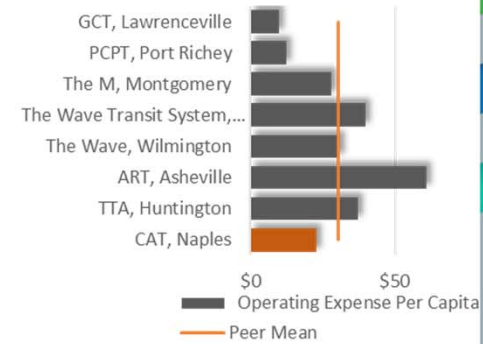
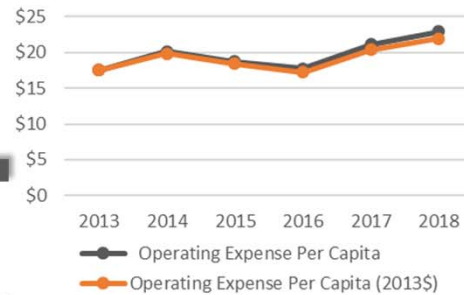
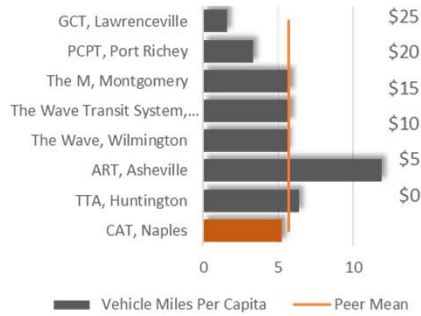
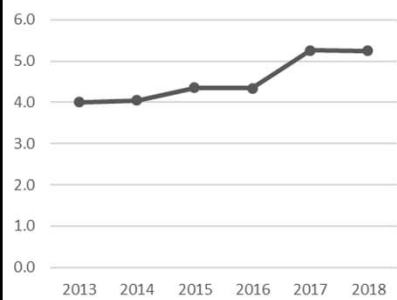
# Peer and Trend Analysis

## Operating Cost, Cost per Passenger Trip, Passengers/Revenue Hour



# Peer and Trend Analysis

## Service Supply, Service Cost, Service Use per Capita



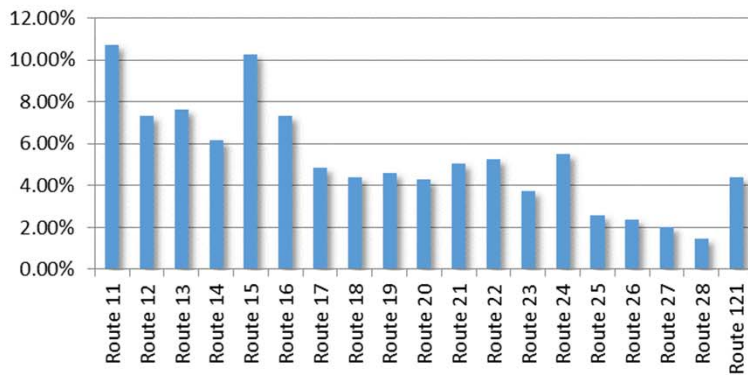
# On-board Survey

- Twenty-five question on-board rider survey
- Provided in English, Spanish, Haitian Creole
- Conducted January 15<sup>th</sup>-16<sup>th</sup> and 18<sup>th</sup>-19<sup>th</sup>
- Surveyed all routes, mostly using tablets
- Completed 1,091 surveys
- Questions covered
  - Travel behavior
  - User satisfaction
  - Rider profile

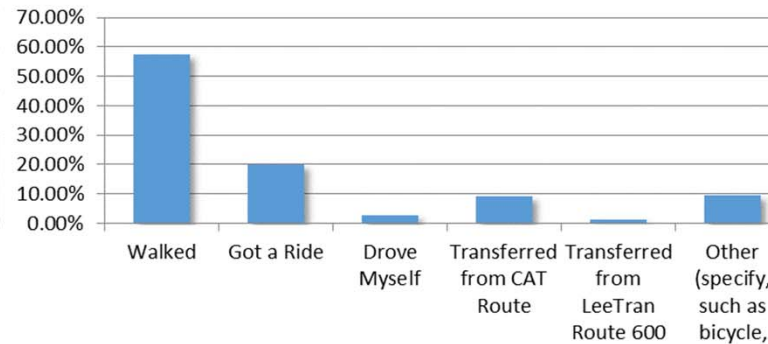


# On-board Survey

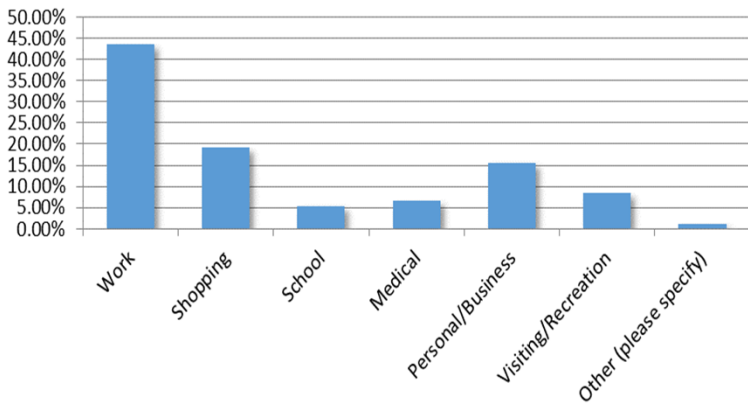
Please choose your route:



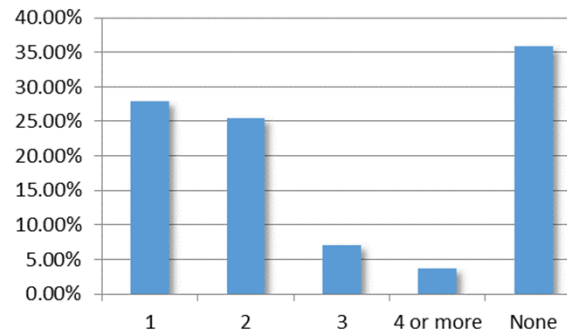
How did you get to the bus stop where you got on bus?



What is the main purpose of your trip today?

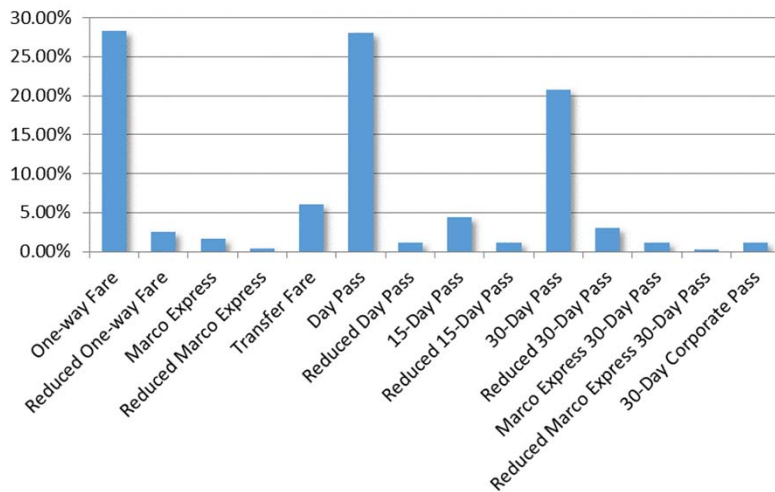


How many transfers will you make on one-way trip?

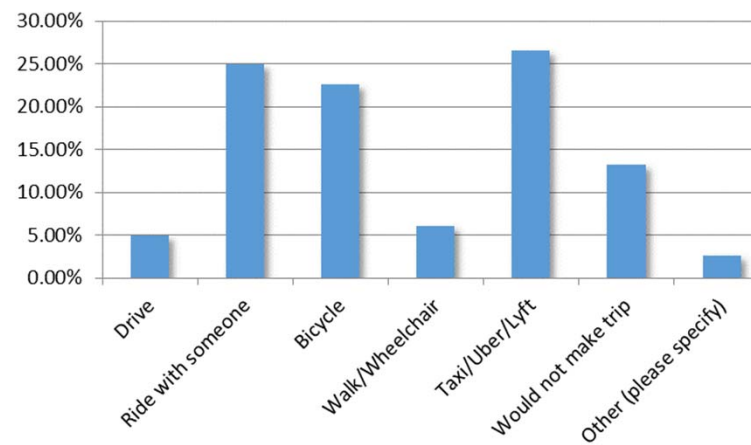


# On-board Survey

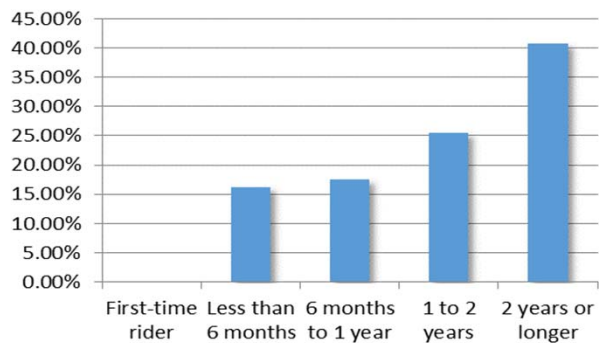
How did you pay for your fare on this bus?



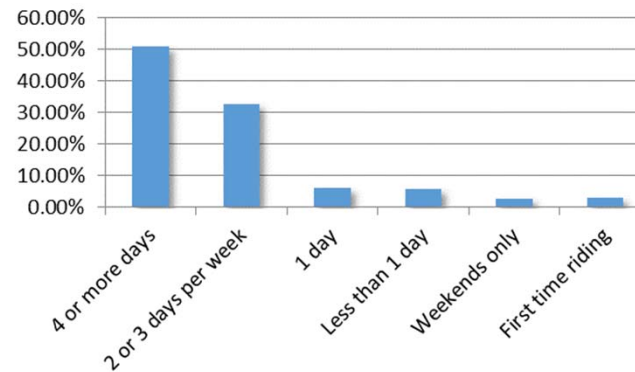
How would you make this trip if the bus were not available?



How long have you been riding CAT?

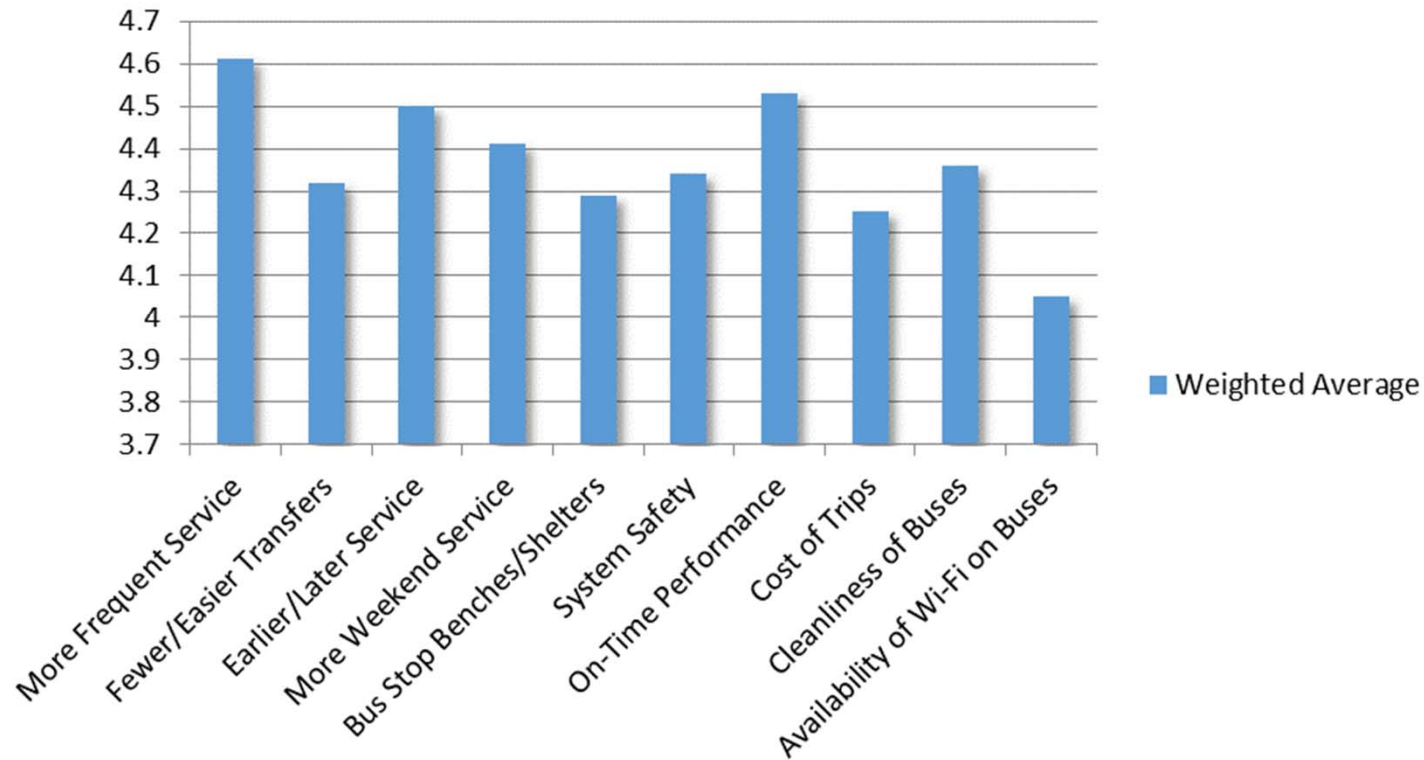


How many days a week do you ride CAT?



# On-board Survey

Please indicate how important each of the following features are to your enjoyment of CAT services.

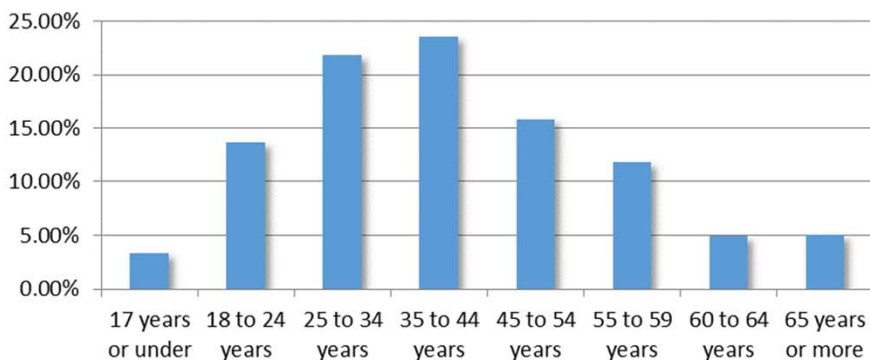




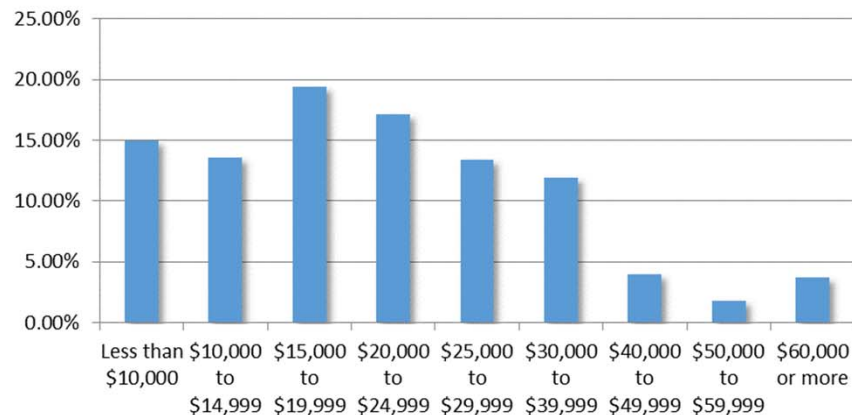
# On-board Survey – Rider Profile

- 52% speak a language other than English at home
- 53% do not have access to a vehicle, 47% have at least one
- 53% are male, 46% female, 1% non-binary
- 38% Hispanic, 28% White, 25% Black

Your age is...



Your total annual household income is...



# Mobility Perspectives

- What's your perception of transit's role in the County?
  - Serve tourists/visitors
  - Serve workers/commuters
  - Relieve parking/congestion
  - Serve persons who do not have access to a vehicle
- Who should benefit from mobility improvements?
  - Benefit all
  - Benefit those without a vehicle
  - Benefit those who choose to ride transit or alternative mobility
  - Other, please explain

# Mobility Perspectives

How do you respond to the following statements?

- CAT services are effective, convenient, easy to use.
- The County needs more service and/or more service options.
- Existing CAT service covers the areas I travel regularly.
- The County should invest more to expand mobility service/options
- More transit/mobility service will improve economic opportunities
- CAT is effective at making the public aware of existing transit/mobility services

***Agree - Kind of Agree - Neutral - Kind of Disagree - Disagree***

# CAT Vision and Mission

*Vision: To be an integral part of Collier County's multimodal transportation network providing effective and efficient fixed-route transportation and mobility options that meet the needs of residents and visitors and support economic and environmental benefits.*

*Mission: To provide safe, accessible, and courteous public transportation services to its customers.*

Can these be improved?





# Existing CAT Goals

1. *Operate a cost effective and sustainable public transportation system that safely and efficiently meets the mobility needs of Collier County's residents and visitors.*
2. *Reduce energy demand, implement green initiatives and sustainable processes, and protect Collier County's natural resources using cost-effective and efficient technologies.*
3. *Build meaningful partnerships that increase the visibility of CAT, promote livability, and enhance economic and social well-being.*
4. *Coordinate public transportation services with local, regional, and state planning efforts.*
5. *Use the most efficient technologies and innovations available for transportation system operations.*
6. *Monitor and maintain service quality and standards.*
7. *Maximize the use of all funding sources to increase services or to provide better services.*

Can these be improved? What critical objectives should go with each goal?

# Mobility Strategies Discussion

1. What are the key mobility needs within the community?
  - a) Access to opportunities, services, education, work
  - b) Young, Old, Low income, Disabled, Students, Choice riders
  - c) Increase mode shift from automobile, more choice riders
  - d) Support local economy and communities
2. What places need to be connected, better connected?
3. What types of mobility improvements are most needed?
4. How should we pay for mobility improvements?
5. What other thoughts do you have to improve existing CAT services and/or mobility in the community?



# Next Steps

Thank you for participating in our first Working Group meeting!

Our next meeting will focus on initial network and mobility solutions. We will review the draft TDP. We will set initial priorities for mobility improvements and priorities to be implemented over the next 10 years. Set date May \_\_\_\_, 2020.

The third meeting will follow public workshops and review the final TDP prior to going to the MPO and BCC. Set date July \_\_\_\_, 2020.

Please contact us with questions and suggestions by email.

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