FREIGHT AND LOGISTICS OVERVIEW

FEBRUARY 2021

VOLUSIA COUNTY

Mission: *The department will provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities.*

FDOT

VOLUSIA COUNTY HIGHLIGHTS

"BEST BEGINNER SURFING WAVES"		AREA (SQ . MILES)	1,432
COUNTY SEAT	DELAND	LARGEST CITY (SIZE)	DAYTONA BEACH

POPULATION
(Annual Growth Rate)
+ 0.99%

EMPLOYMENT
(Annual Growth Rate)
+ 2.04%

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

2019 POPULATION **538,763**
2019 EMPLOYMENT **176,018**
Bureau of Economic Business Research
Bureau of Labor Statistics
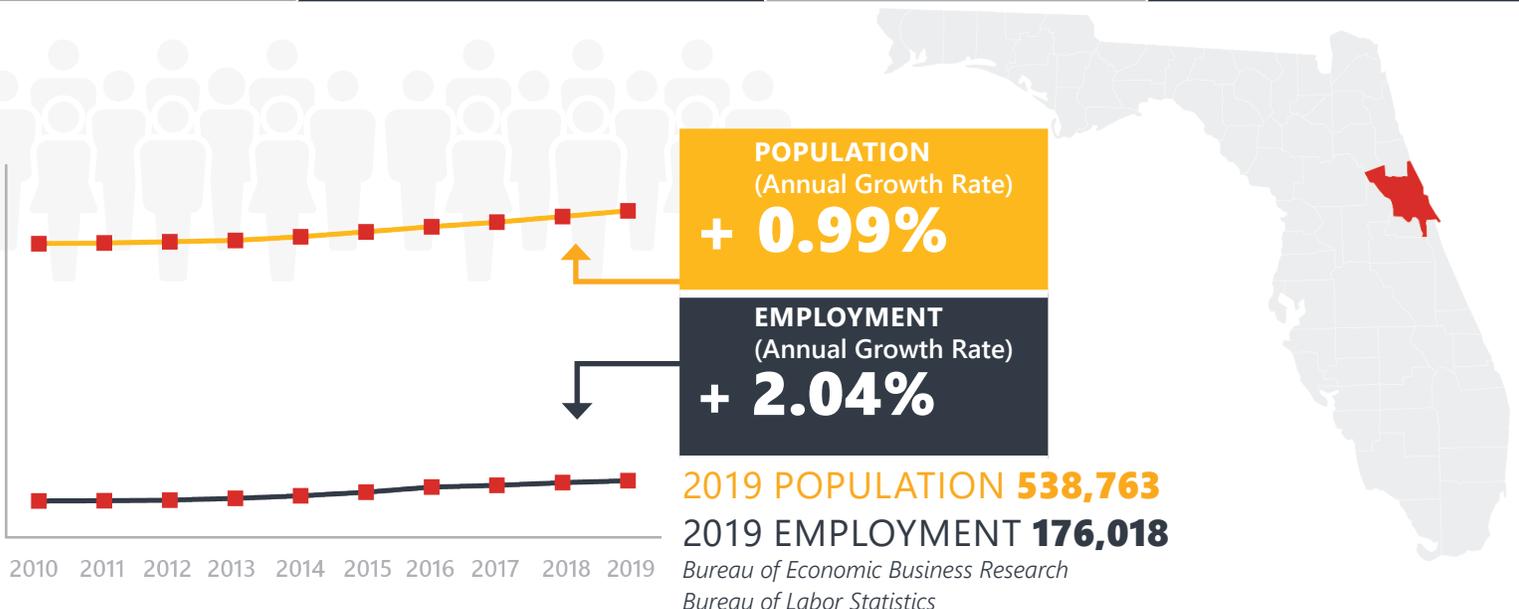
LARGEST INDUSTRY SECTORS BY EMPLOYMENT (2019)

Office of Economic and Demographic Research

| 20.5%	18.9%	16.0%	10.6%	6.8%
Education & health services	Trade, transportation & utilities	Leisure & hospitality	Professional & business services	Construction

FASTEST GROWING INDUSTRIES (2010-2019)

	JOBS ADDED	
LEISURE AND HOSPITALITY		7,065
EDUCATION AND HEALTH SERVICES		5,508
CONSTRUCTION		4,511
TRADE, TRANSPORTATION, AND UTILITIES		3,907
MANUFACTURING		3,229

Bureau of Labor Statistics

DID YOU KNOW?

"The Birthplace of Speed", Daytona International Speedway attracts hundreds of thousands of visitors every year.

Volusia County boasts approximately 240,000 acres of conservation lands, 172 linear miles of waterways, and 35 miles of beaches.

Florida Trend's list of the 350 biggest companies in Florida includes four Volusia County firms: NASCAR, Brown & Brown, International Speedway Corp. and Consolidated-Tomoka Land Co.

COMMODITY FLOW HIGHLIGHTS

	IMPORTS		WITHIN COUNTY		EXPORTS	
	2018	**2045**	**2018**	**2045**	**2018**	**2045**
Tonnage:	7.87 M	10.19 M	0.66 M	0.50 M	4.13 M	3.93 M
Value:	$ 5.78 B	$ 7.76 B	$ 0.32 B	$ 0.38 B	$ 3.88 B	$ 5.67 B

TOP COMMODITY
by Tonnage, 2018

Imports		Exports	
Nonmetallic Minerals	1,987,132	Nonmetallic Minerals	1,281,468
Waste or Scrap Materials	1,615,619	Clay, Concrete, Glass, Stone	1,246,919
Clay, Concrete, Glass, Stone	1,174,734	Warehouse, Distribution Center and Drayage Movements	651,681
Petroleum or Coal Products	976,889	Waste or Scrap Materials	313,383
Warehouse, Distribution Center and Drayage Movements	825,941	Chemicals or Allied Products	233,413

TOP COMMODITY
by Value, 2018

Imports		Exports	
Warehouse, Distribution Center and Drayage Movements	$ 1,039,095,714	Chemicals or Allied Products	$ 1,109,044,365
Transportation Equipment	$ 963,067,149	Warehouse, Distribution Center and Drayage Movements	$ 824,104,779
Food or Kindred Products	$ 651,201,558	Transportation Equipment	$ 419,881,723
Petroleum or Coal Products	$ 503,203,398	Machinery	$ 406,531,086
Waste or Scrap Materials	$ 396,517,321	Clay, Concrete, Glass, Stone	$ 196,318,572

Transearch - Commodity Classification is based on Standard Transportation Commodity Code (STCC) 2 digit codes

VOLUSIA COUNTY EXPORTS AND IMPORTS

DOMESTIC EXPORTS (TONS)
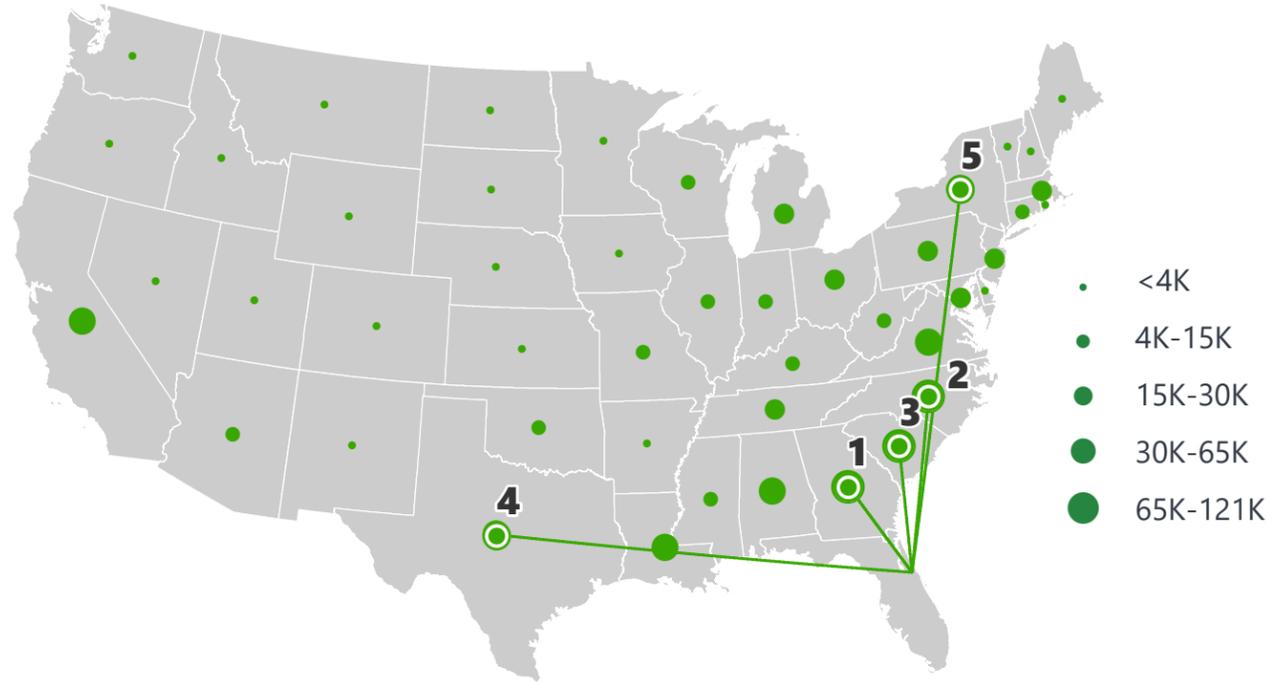
Legend:
- <4K
- 4K-15K
- 15K-30K
- 30K-65K
- 65K-121K

INTRASTATE EXPORTS (TONS)

Legend:
- <15K
- 15K-45K
- 45K-90K
- 90K-250K
- 250K-750K

DOMESTIC IMPORTS (TONS)

Legend:
- <7K
- 7K-20K
- 20K-40K
- 40K-125K
- 125K-800K

INTRASTATE IMPORTS (TONS)

Legend:
- <30K
- 30K-115K
- 115K-225K
- 225K-475K
- 475K-1.2M

Transsearch
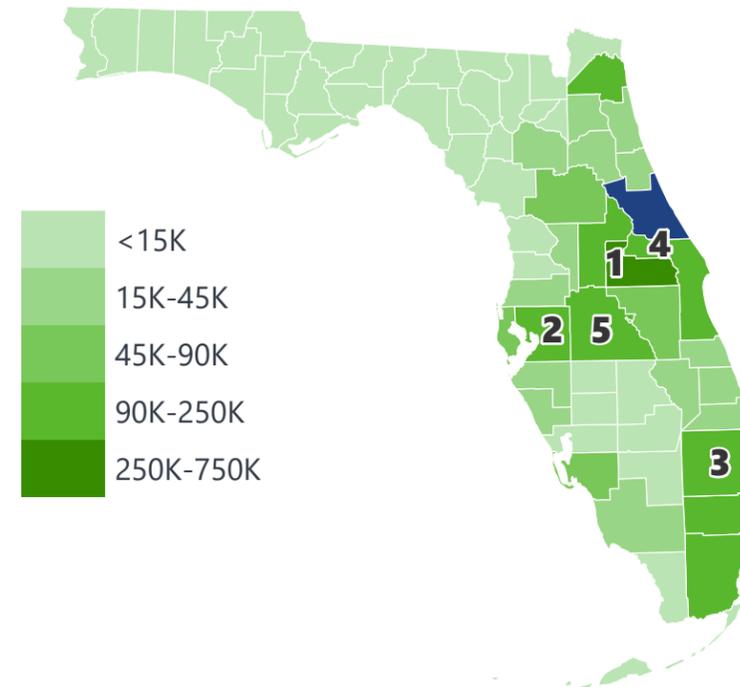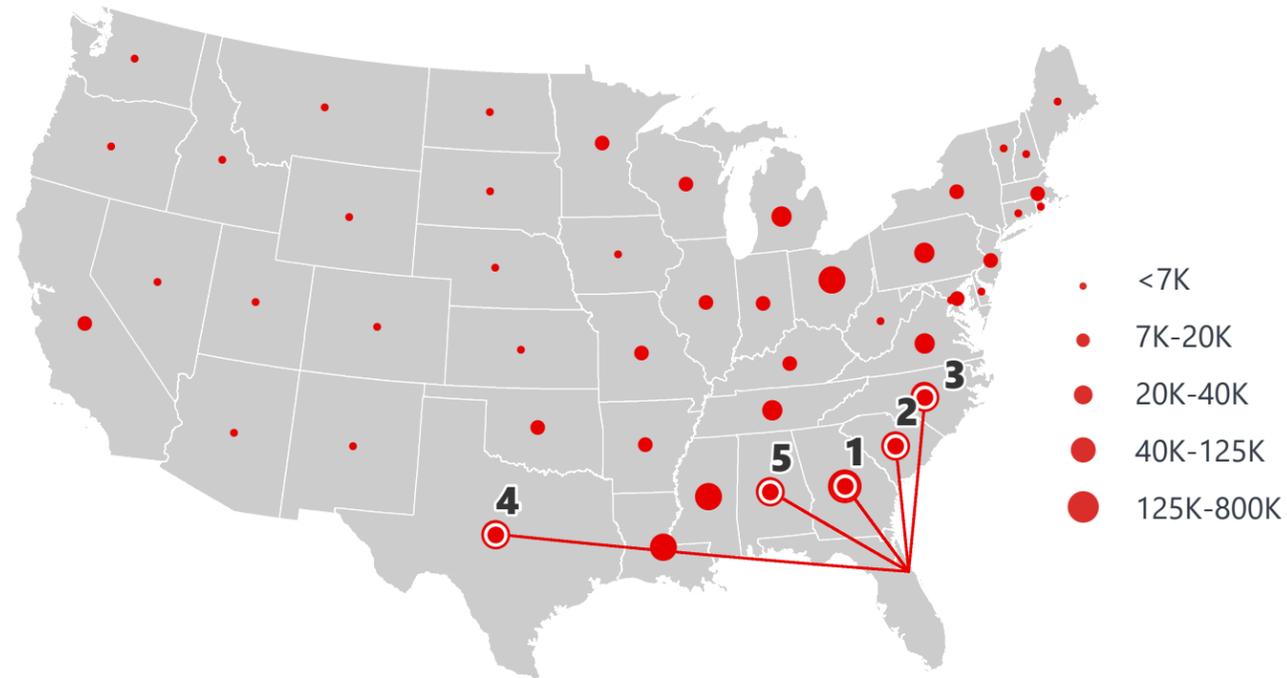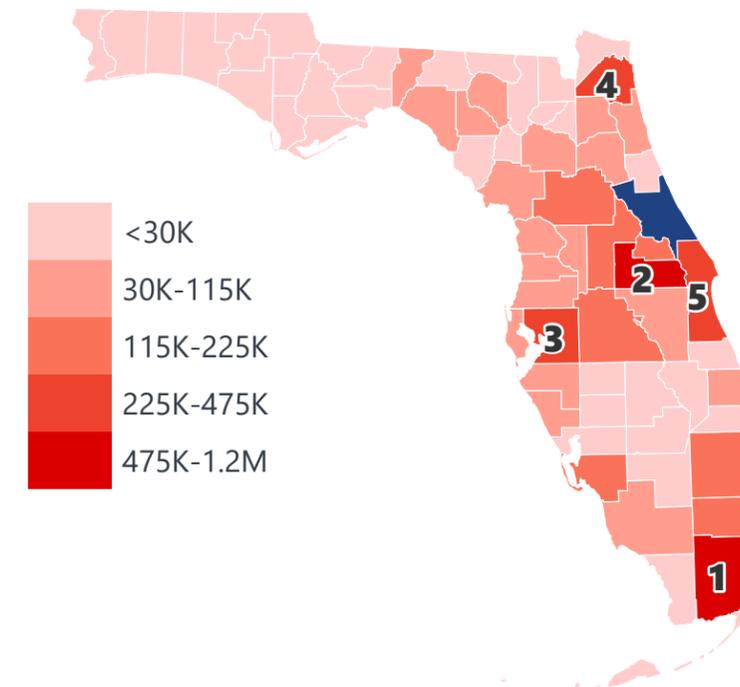
DOMESTIC EXPORTS (TONNAGE)		
1	Georgia	120,760
2	North Carolina	88,250
3	South Carolina	84,403
4	Texas	63,594
5	New York	49,465

INTRASTATE EXPORTS (TONNAGE)		
1	Orange	733,304
2	Hillsborough	242,669
3	Palm Beach	222,699
4	Seminole	205,334
5	Polk	191,094

DOMESTIC IMPORTS (TONNAGE)		
1	Georgia	785,975
2	South Carolina	122,008
3	North Carolina	115,720
4	Texas	90,745
5	Alabama	84,166

INTRASTATE IMPORTS (TONNAGE)		
1	Miami-Dade	1,146,551
2	Orange	923,778
3	Hillsborough	473,055
4	Duval	462,577
5	Brevard	354,855

VOLUSIA COUNTY FREIGHT INFRASTRUCTURE

Legend
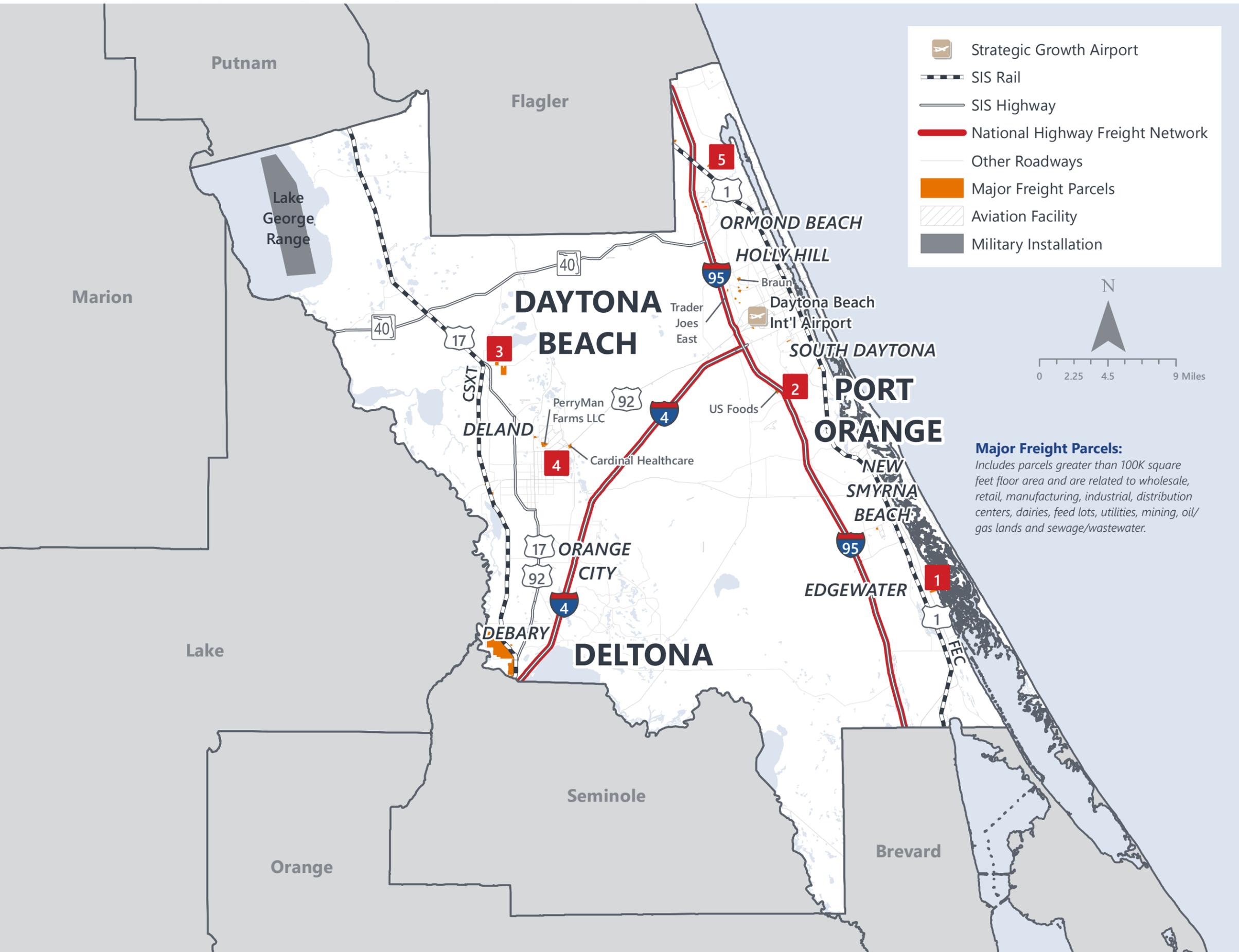
- Strategic Growth Airport
- SIS Rail
- SIS Highway
- National Highway Freight Network
- Other Roadways
- Major Freight Parcels
- Aviation Facility
- Military Installation
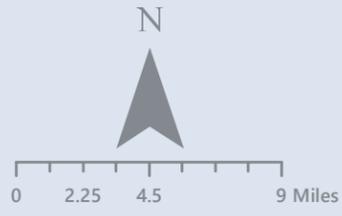
Major Freight Parcels:
Includes parcels greater than 100K square feet floor area and are related to wholesale, retail, manufacturing, industrial, distribution centers, dairies, feed lots, utilities, mining, oil/gas lands and sewage/wastewater.

N

0   2.25   4.5   9 Miles

Map labels

Putnam, Flagler, Marion, Lake George Range, Lake, Seminole, Orange, Brevard

ORMOND BEACH, HOLLY HILL, DAYTONA BEACH, SOUTH DAYTONA, PORT ORANGE, NEW SMYRNA BEACH, EDGEWATER, DELAND, ORANGE CITY, DEBARY, DELTONA

Braun, Trader Joes East, Daytona Beach Int'l Airport, US Foods, PerryMan Farms LLC, Cardinal Healthcare

CSXT, FEC

Highways: 40, 17, 92, US 4, 95, 1, I-95

LARGEST FREIGHT EMPLOYERS

1	Boston Whaler	900-1K
2	US FoodService	500-600
3	Sparton Deleon	400-500
4	Covidien	400-500
5	Thomas & Betts	300-400

MAJOR FREIGHT LAND USES

28.75 M SQ.FT Floor Area

51.19%	Warehousing and distribution centers
28.80%	Light manufacturing
7.17%	Dairies, feed lots
4.39%	Heavy industrial
3.12%	Airports, bus terminals and marine terminals

1.1 B SQ.FT LAND AREA

46.61%	Dairies, feed lots
19.27%	Sewage disposal and waste land
18.57%	Utilities
7.02%	Warehousing and distribution centers
4.56%	Light manufacturing

Florida Department of Economic Opportunity, 2018
Florida Department of Revenue, 2019

MAJOR COUNTY COMMODITIES

IMPORTS

EXPORTS

TOP COMMODITY
by Tonnage, 2018 (relative to Florida)

FL Rank	Commodity	% Florida Share
2	Waste or Scrap Materials	10.25%
3	Metallic Ores	7.43%
8	Textile Mill Products	3.67%
7	Leather or Leather Products	3.36%
12	Clay, Concrete, Glass, Stone	2.82%

FL Rank	Commodity	% Florida Share
6	Machinery	6.76%
8	Textile Mill Products	5.14%
8	Misc. Manufacturing Products	4.09%
8	Electrical Equipment	3.56%
11	Fabricated Metal Products	2.71%

TOP COMMODITY
by Value, 2018 (relative to Florida)

FL Rank	Commodity	% Florida Share
4	Waste or Scrap Materials	9.95%
9	Textile Mill Products	3.07%
7	Leather or Leather Products	2.92%
12	Clay, Concrete, Glass, Stone	2.38%
11	Rubber or Misc. Plastics	2.06%

FL Rank	Commodity	% Florida Share
7	Chemicals or Allied Products	6.67%
9	Textile Mill Products	3.93%
8	Machinery	3.84%
11	Clay, Concrete, Glass, Stone	2.58%
11	Fabricated Metal Products	2.48%

TRANSPORTATION STATISTICS AND FREIGHT MOVEMENT BY MODE

90.83%
TONNAGE

98.97%
VALUE

811 K	Daily Truck Miles Traveled
1.18	Planning Time Index
3,376	Public Roadway Mileage

0.01%
TONNAGE

0.01%
VALUE

1 Major Seaport | Port Canaveral

9.17%
TONNAGE

0.78%
VALUE

39.84	Class I Mainline Miles (CFRC, CSX)
44.46	Class II Mainline Miles (FEC)
-	Class III Mainline Miles
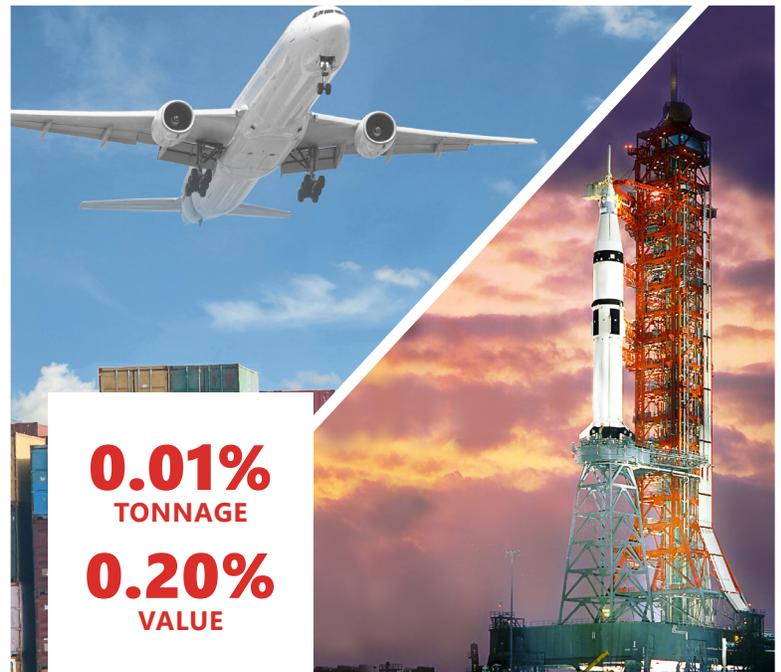
0.01%
TONNAGE

0.20%
VALUE

1 Major International Airport | Daytona Beach International

FLORIDA HIGHLIGHTS

3rd most populous US State

$1T Gross Domestic Product

4th Largest US Economy and **17th Largest** Economy in World

Nation's **3rd largest** workforce

1 in 5 U.S. exporters are located in Florida

$153B International Trade

1.76M jobs supported by Trade, Transportation and Utilities industry sector

1.25M jobs supported by Leisure and Hospitality industry sector

131M annual visitors

CAPITAL	**TALLAHASSEE**
AREA (SQ . MILES)	**53,624**
LARGEST CITY (SIZE)	**JACKSONVILLE**
POPULATION (2019)	**21,208,589**
ANNUAL POP GROWTH RATE (2010-2019)	**1.4%**
EMPLOYMENT (2019)	**8,884,065**
ANNUAL EMP GROWTH RATE (2010-2019)	**2.8%**

Bureau of Economic Business Research, Bureau of Labor Statistics

DOMESTIC IMPORTS

1	GEORGIA	$44B
2	CALIFORNIA	$29B
3	TEXAS	$26B
4	ALABAMA	$18B
5	ILLINOIS	$18B

INTERNATIONAL IMPORTS

1	CHINA	$9.5B
2	JAPAN	$6.5B
3	BRAZIL	$6.4B
4	MEXICO	$4.5B
5	CHILE	$3.7B

DOMESTIC EXPORTS

1	GEORGIA	$22B
2	TEXAS	$19B
3	CALIFORNIA	$15B
4	NORTH CAROLINA	$12B
5	NEW YORK	$10B

INTERNATIONAL EXPORTS

1	BRAZIL	$13.4B
2	COLOMBIA	$4.2B
3	ARGENTINA	$3.6B
4	DOMINICAN REPUBLIC	$3.1B
5	CHILE	$3B

TRANSPORTATION STATISTICS AND FREIGHT MOVEMENT BY MODE

83% TONNAGE   **71%** VALUE

- **123,104** Public roadway mileage
- **12,130** State Highway System (SHS) mileage
- **30.7M** Daily truck miles traveled on SHS
- **98** Public truck parking facilities

3.5% TONNAGE   **2.9%** VALUE

- **15** Deepwater seaports
- **4.1M** Twenty-foot equivalent units (TEUs)
- **16.8M** Annual cruise passengers

6.7% TONNAGE   **1.8%** VALUE

- **2,936** Miles of roads
- **6.9M** Annual rail passenger traffic

0.1% TONNAGE   **5.4%** VALUE

- **129** Public use airports
- **20** Commercial service airports
- **2** Active spaceports

3.6% TONNAGE   **1%** VALUE

- **5,899** Miles of gas transmission and hazardous liquid pipelines

3.1% TONNAGE   **17.9%** VALUE

Includes shipments by multiple modes and by parcel delivery services, U.S. Postal Service, or couriers (capped at 150 pounds). This category is not limited to containerized or trailer-on-flatcar shipments.

FLORIDA COMMODITY FLOWS (2018-2045)

	IMPORTS		WITHIN FL		EXPORTS	
	2018	**2045**	**2018**	**2045**	**2018**	**2045**
TONNAGE	142M	190M	656M	761M	57M	103M
VALUE	$321B	$690B	$402B	$844B	$180B	$606B

Freight Analysis Framework (FAF) 4.5.1.

Legend:
- 🚀 Spaceports
- ⚓ Seaports
- ✈ Commercial Service Airports
- — Interstates
- ▪▫ Railway Corridors
- — Turnpike

Freight Activity
- Low
- Medium
- High

Map locations: Pensacola, Tallahassee, Jacksonville, Orlando, Tampa, Miami
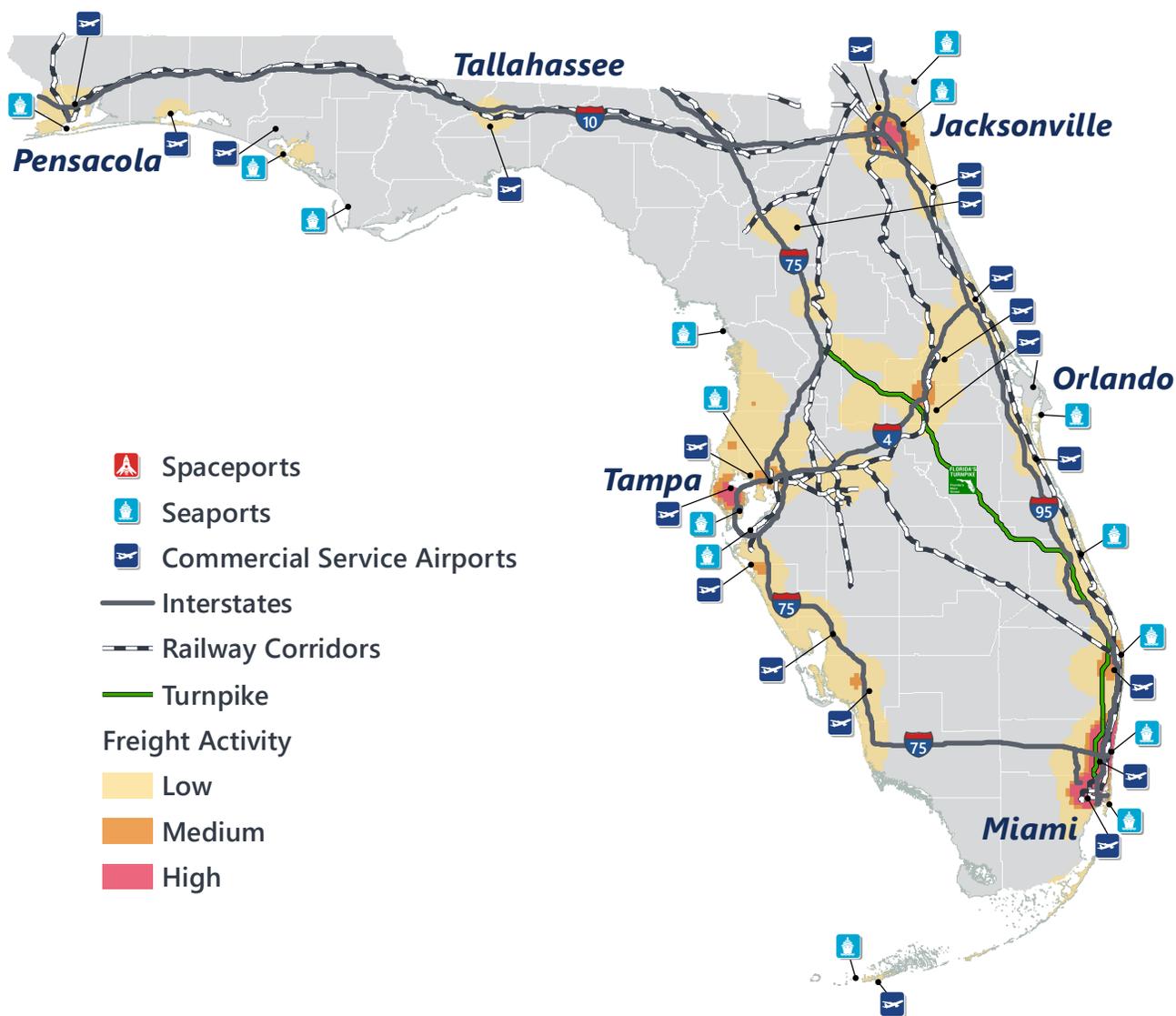
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FDOT

FMO
FREIGHT & MULTIMODAL OPERATIONS