

FREIGHT AND LOGISTICS OVERVIEW

FEBRUARY 2021

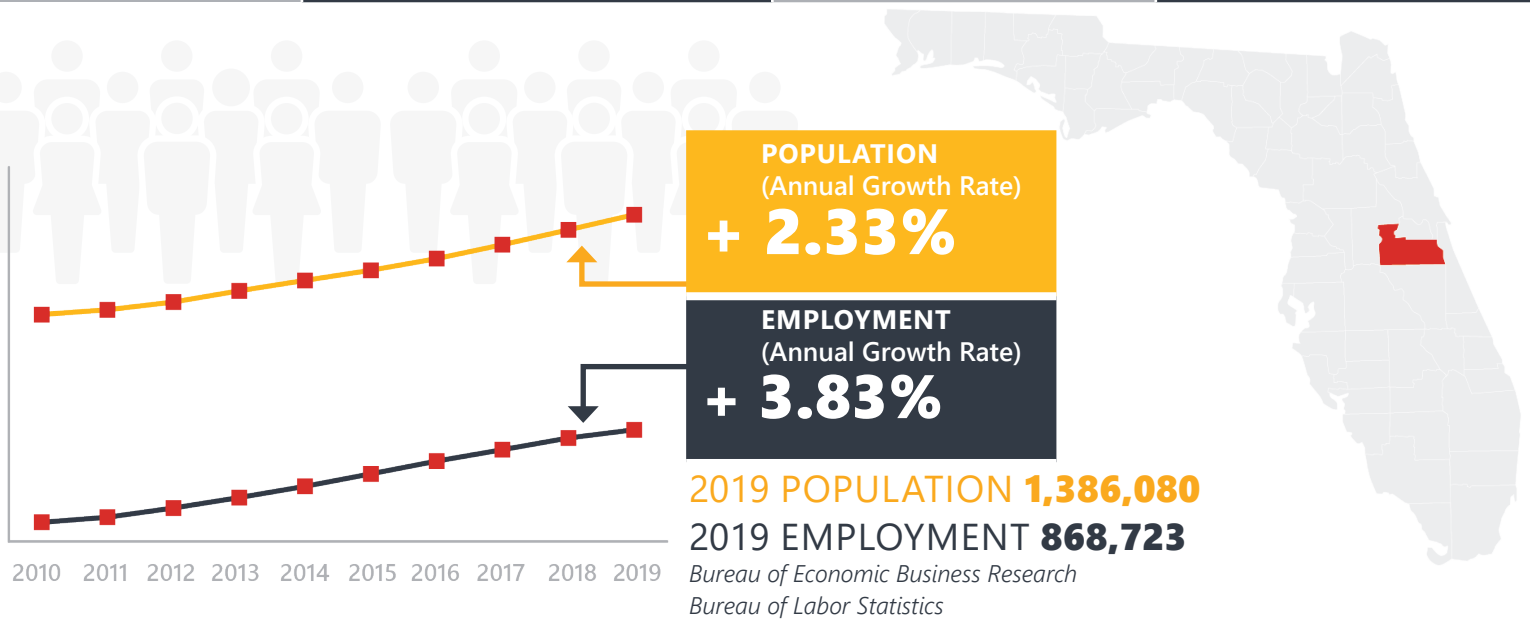
ORANGE COUNTY



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.

ORANGE COUNTY HIGHLIGHTS

"THEME PARK CAPITAL OF THE WORLD"		AREA (SQ . MILES)	1,003
COUNTY SEAT	ORLANDO	LARGEST CITY (SIZE)	ORLANDO



LARGEST INDUSTRY SECTORS BY EMPLOYMENT (2019)

Office of Economic and Demographic Research



Leisure and hospitality



Professional and business services



Trade, transportation, and utilities



Education and health services



Financial Activities

FASTEST GROWING INDUSTRIES (2010-2019)

LEISURE AND HOSPITALITY	JOBS ADDED	65,573
PROFESSIONAL AND BUSINESS SERVICES		44,023
TRADE, TRANSPORTATION, AND UTILITIES		39,056
EDUCATION AND HEALTH SERVICES		20,842
CONSTRUCTION		20,597

Bureau of Labor Statistics

DID YOU KNOW?

University of Central Florida, the nation's second largest public university, is located here.

The award-winning Orange County Convention Center is the second largest convention facility in North America and provides approximately \$3 billion in economic impact to Central Florida annually.

The county is known as the theme park capital of the world, and hosts 75 million overnight & day visitors.

COMMODITY FLOW HIGHLIGHTS



IMPORTS

2018 **2045**

Tonnage:	26.89 M	41.61 M
Value:	\$ 41.96 B	\$ 77.91 B

WITHIN COUNTY

2018 **2045**

Tonnage:	4.41 M	8.81 M
Value:	\$ 5.19 B	\$ 9.49 B

EXPORTS

2018 **2045**

Tonnage:	11.44 M	18.18 M
Value:	\$ 27.55 B	\$ 38.3 B



TOP COMMODITY by Tonnage, 2018

Nonmetallic Minerals	8,232,324
Clay, Concrete, Glass, Stone	3,493,776
Warehouse, Distribution Center and Drayage Movements	3,305,080
Petroleum or Coal Products	2,286,073
Food or Kindred Products	1,915,832



Clay, Concrete, Glass, Stone	2,795,664
Warehouse, Distribution Center and Drayage Movements	2,043,100
Waste or Scrap Materials	2,039,544
Petroleum or Coal Products	1,630,960
Food or Kindred Products	1,128,671



TOP COMMODITY by Value, 2018

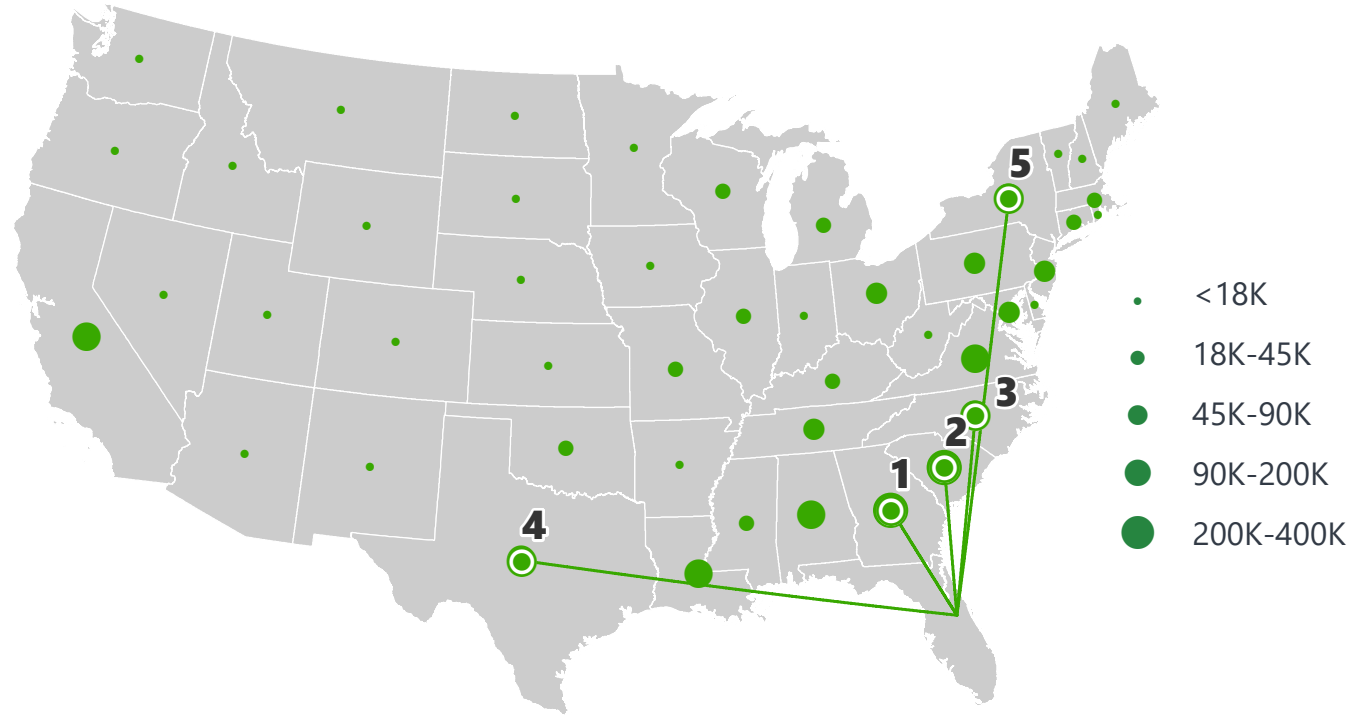
Transportation Equipment	\$ 8,339,766,868
Warehouse, Distribution Center and Drayage Movements	\$ 6,666,751,138
Electrical Equipment	\$ 3,533,582,122
Misc. Manufacturing Products	\$ 3,454,014,323
Chemicals or Allied Products	\$ 3,062,978,787



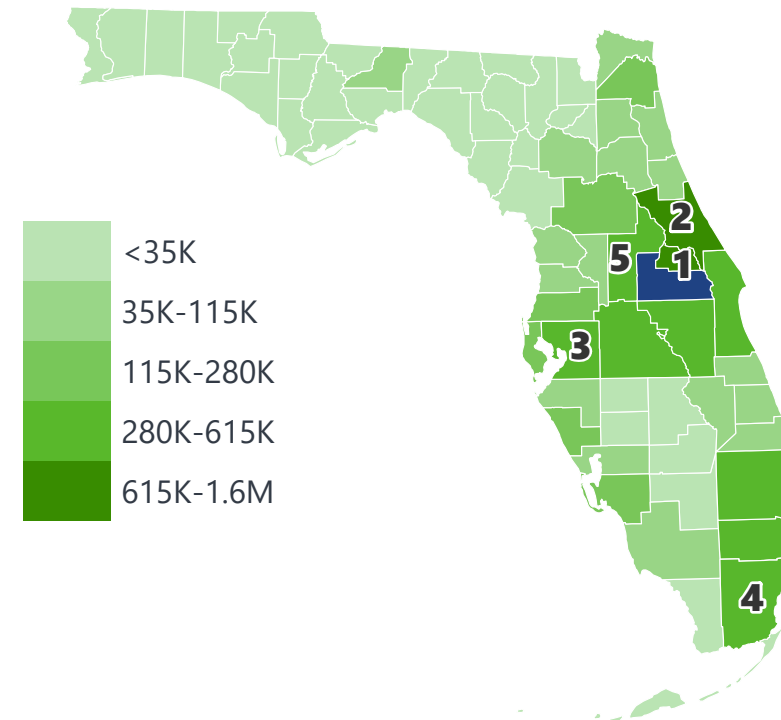
Misc. Freight Shipments	\$ 4,365,438,893
Warehouse, Distribution Center and Drayage Movements	\$ 4,068,602,475
Transportation Equipment	\$ 3,698,497,638
Instruments, Photo and Optical Equipment	\$ 3,170,710,645
Misc. Manufacturing Products	\$ 2,229,974,432

ORANGE COUNTY EXPORTS AND IMPORTS

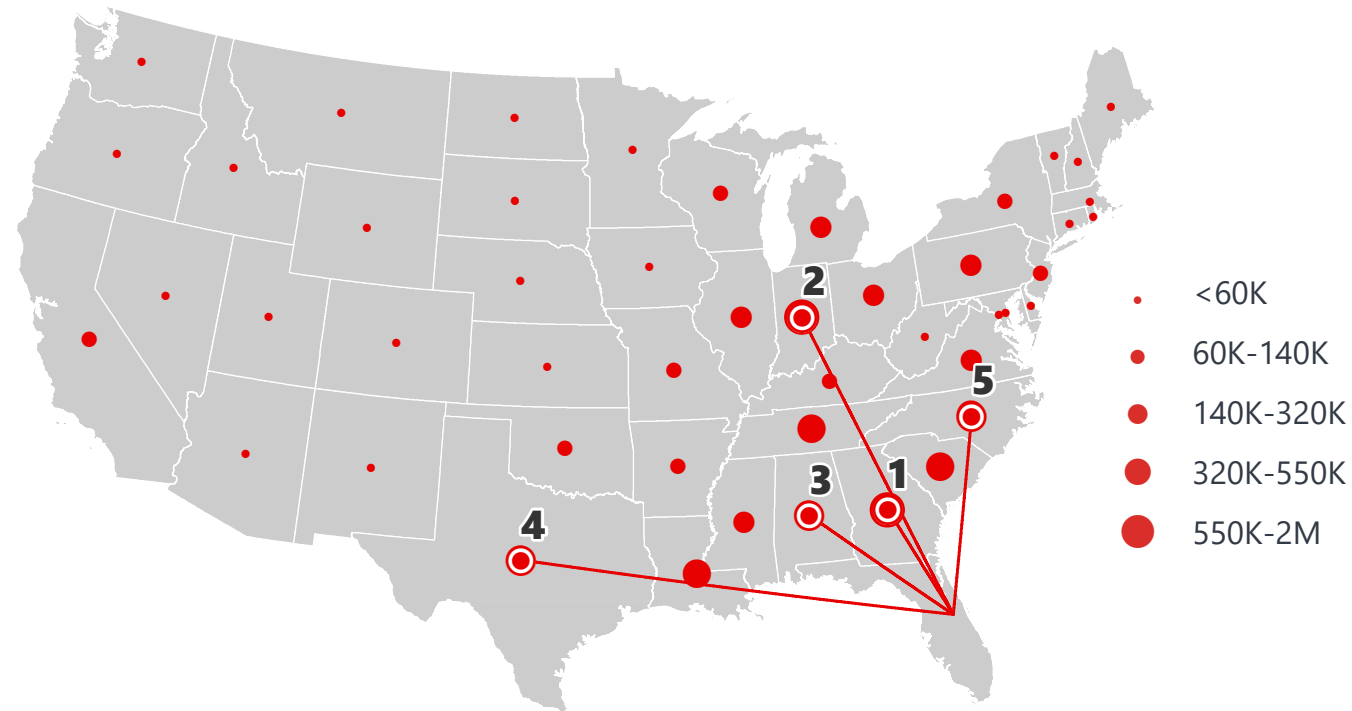
DOMESTIC EXPORTS (TONS)



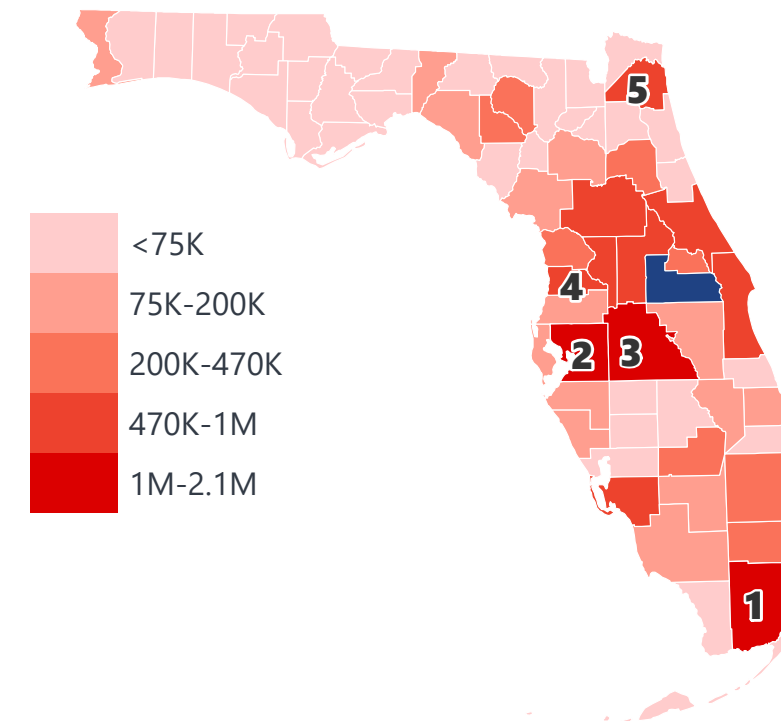
INTRASTATE EXPORTS (TONS)



DOMESTIC IMPORTS (TONS)



INTRASTATE IMPORTS (TONS)



DOMESTIC EXPORTS (TONNAGE)

1	Georgia	392,021
2	South Carolina	335,054
3	North Carolina	196,851
4	Texas	169,097
5	New York	155,204

INTRASTATE EXPORTS (TONNAGE)

1	Seminole	1,559,444
2	Volusia	923,778
3	Hillsborough	616,078
4	Miami-Dade	473,795
5	Lake	457,517

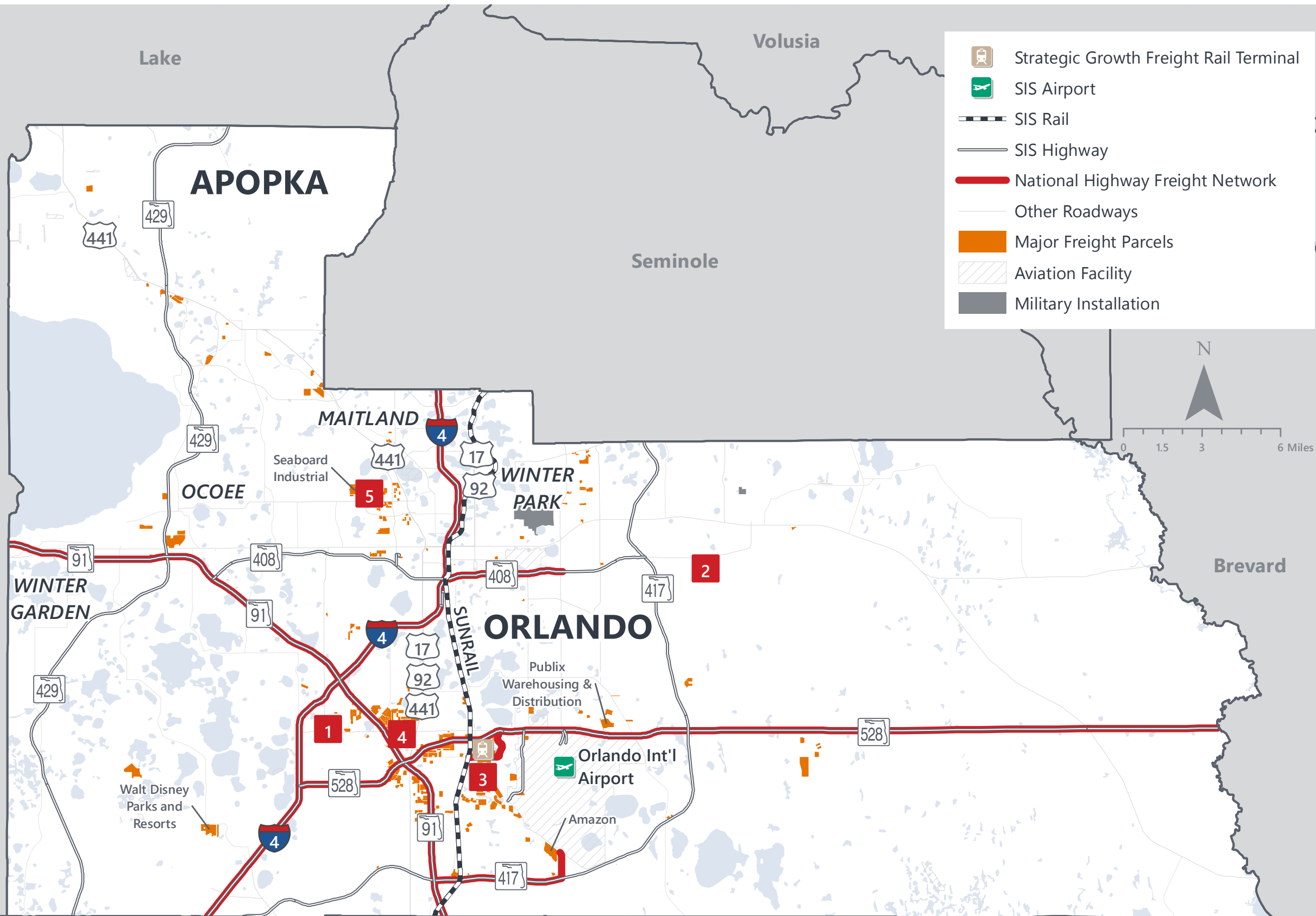
DOMESTIC IMPORTS (TONNAGE)

1	Georgia	1,920,362
2	Indiana	1,874,118
3	Alabama	548,294
4	Texas	521,329
5	North Carolina	484,406

INTRASTATE IMPORTS (TONNAGE)

1	Miami-Dade	2,064,362
2	Hillsborough	1,683,147
3	Polk	1,612,640
4	Hernando	994,244
5	Duval	932,746

ORANGE COUNTY FREIGHT INFRASTRUCTURE



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.

LARGEST FREIGHT EMPLOYERS

1	Lockheed Martin	4K-5K
2	Lockheed Martin	3K-4K
3	UPS	1K-2K
4	Publix	900-1K
5	Coca-Cola Company	800-900

MAJOR FREIGHT LAND USES

136.55 M SQ.FT Floor Area

89.08%	Warehousing and distribution centers
5.53%	Light manufacturing
2.73%	Other food processing
0.72%	Food packing plants
0.55%	Open storage

1.07 B SQ.FT LAND AREA

49.55%	Warehousing and distribution centers
33.20%	Sewage disposal and waste land
6.03%	Utilities
4.09%	Dairies, feed lots
3.62%	Light manufacturing

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

MAJOR COUNTY COMMODITIES



IMPORTS



TOP COMMODITY by Tonnage, 2018 (relative to Florida)

FL Rank	Commodity	% Florida Share
2	Mail or Contract Traffic	26.13%
2	Small Packaged Freight Shipments	17.29%
2	Coal	17.16%
3	Misc. Freight Shipments	15.11%
2	Fabricated Metal Products	14.13%

EXPORTS



FL Rank	Commodity	% Florida Share
1	Misc. Freight Shipments	36.79%
2	Small Packaged Freight Shipments	20.27%
2	Electrical Equipment	18.54%
1	Instruments, Photo and Optical Equipment	17.20%
4	Mail or Contract Traffic	15.02%

TOP COMMODITY by Value, 2018 (relative to Florida)

FL Rank	Commodity	% Florida Share
2	Mail or Contract Traffic	26.13%
2	Coal	17.14%
3	Misc. Manufacturing Products	15.89%
3	Instruments, Photo and Optical Equipment	14.81%
2	Fabricated Metal Products	14.29%

FL Rank	Commodity	% Florida Share
1	Misc. Freight Shipments	83.79%
1	Instruments, Photo and Optical Equipment	29.66%
2	Machinery	15.43%
4	Mail or Contract Traffic	15.02%
3	Misc. Manufacturing Products	13.10%



TRANSPORTATION STATISTICS AND FREIGHT MOVEMENT BY MODE



88.56%
TONNAGE
61.50%
VALUE

1.75 M | Daily Truck Miles Traveled
1.92 | Planning Time Index
4,718 | Public Roadway Mileage



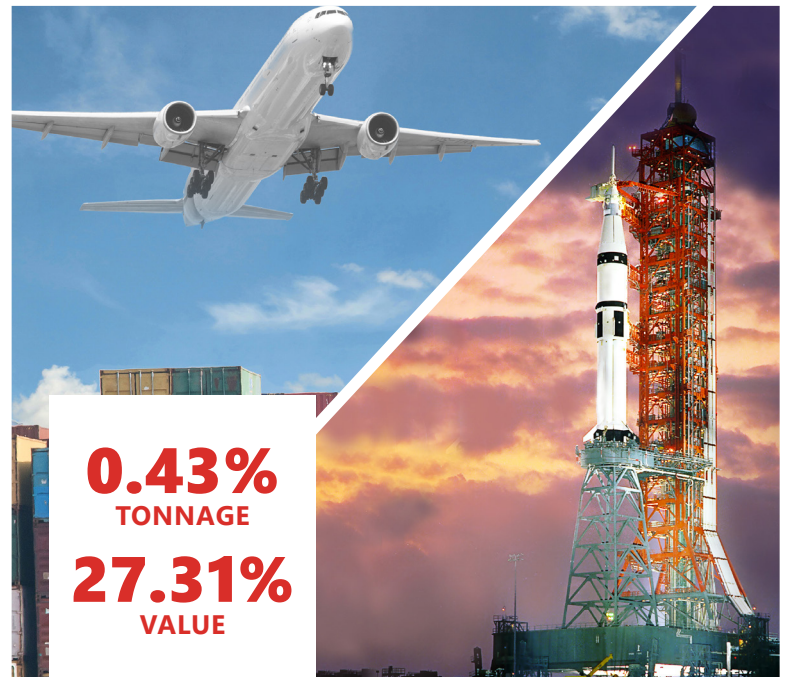
0.00%
TONNAGE
0.00%
VALUE

17 Miles | Distance from closest seaport
(Port Canaveral)



11.01%
TONNAGE
11.18%
VALUE

22.24 | Class I Mainline Miles (CFRC, CSX)
- | Class II Mainline Miles
23.25 | Class III Mainline Miles (FCEN)



0.43%
TONNAGE
27.31%
VALUE

2 Major Airports | Orlando International Airport,
Orlando Sanford International Airport

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

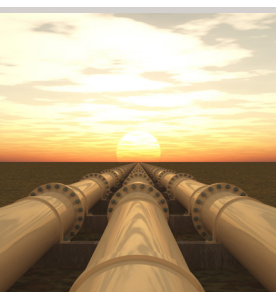
2,936 Miles of roads
6.9M Annual rail passenger traffic



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.



Rickey Fitzgerald
 Manager, Freight & Multimodal Operations
 Florida Department of Transportation
 605 Suwannee Street, Tallahassee, FL 32399
 Rickey.Fitzgerald@dot.state.fl.us
 850.414.4702