



Atlanta Regional Commission Transportation & Air Quality Committee

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Georgia Department of Transportation

Georgia's Economic Development Results in FY2021

379 Companies expanded or located in Georgia, announcing \$11 billion in investment

➤ \$6.3 billion (57%) are logistics-enabled

Relevant Industries:

- **Manufacturing and Automotive:** \$2.9 billion by 186 companies, creating more than 10,500 jobs
- **Logistics/Distribution:** \$1.03 billion by 52 companies, creating more than 6,400 jobs
- **Agribusiness and Food Processing:** \$1.76 billion by 53 companies, creating more than 5,800 jobs

Governor Kemp's Strategic Goals and GDOT's Priorities



Governor Kemp's Vision for Georgia

Put hardworking
Georgians first
through streamlined,
accessible, and
fiscally responsible
government.

Make Georgia #1 for Small Business

GDOT will focus on supporting the following priorities:

- Expand Georgia's role as a **world-renowned hub for global commerce**

Reform State Government

GDOT will focus on supporting the following priorities:

- Maximize taxpayer value with conservative budgeting
- Expand **public-private partnerships** and **leverage technology** to best utilize limited State resources

Strengthen Rural Georgia

GDOT will focus on supporting the following priorities:

- Increase **rural broadband access** for economic growth

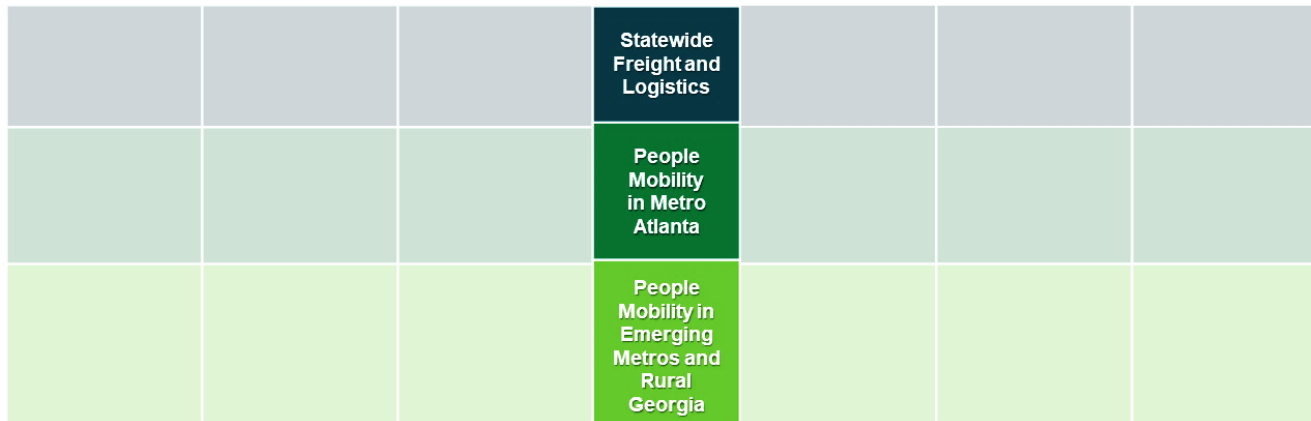
2021 Statewide Strategic Transportation Plan (SSTP): Business Case for Investment

Governor Kemp's Strategic Goals &
State Transportation Board's Priorities

2021 Statewide Strategic Transportation Plan /2050 Statewide Transportation Plan

Invest

Advance

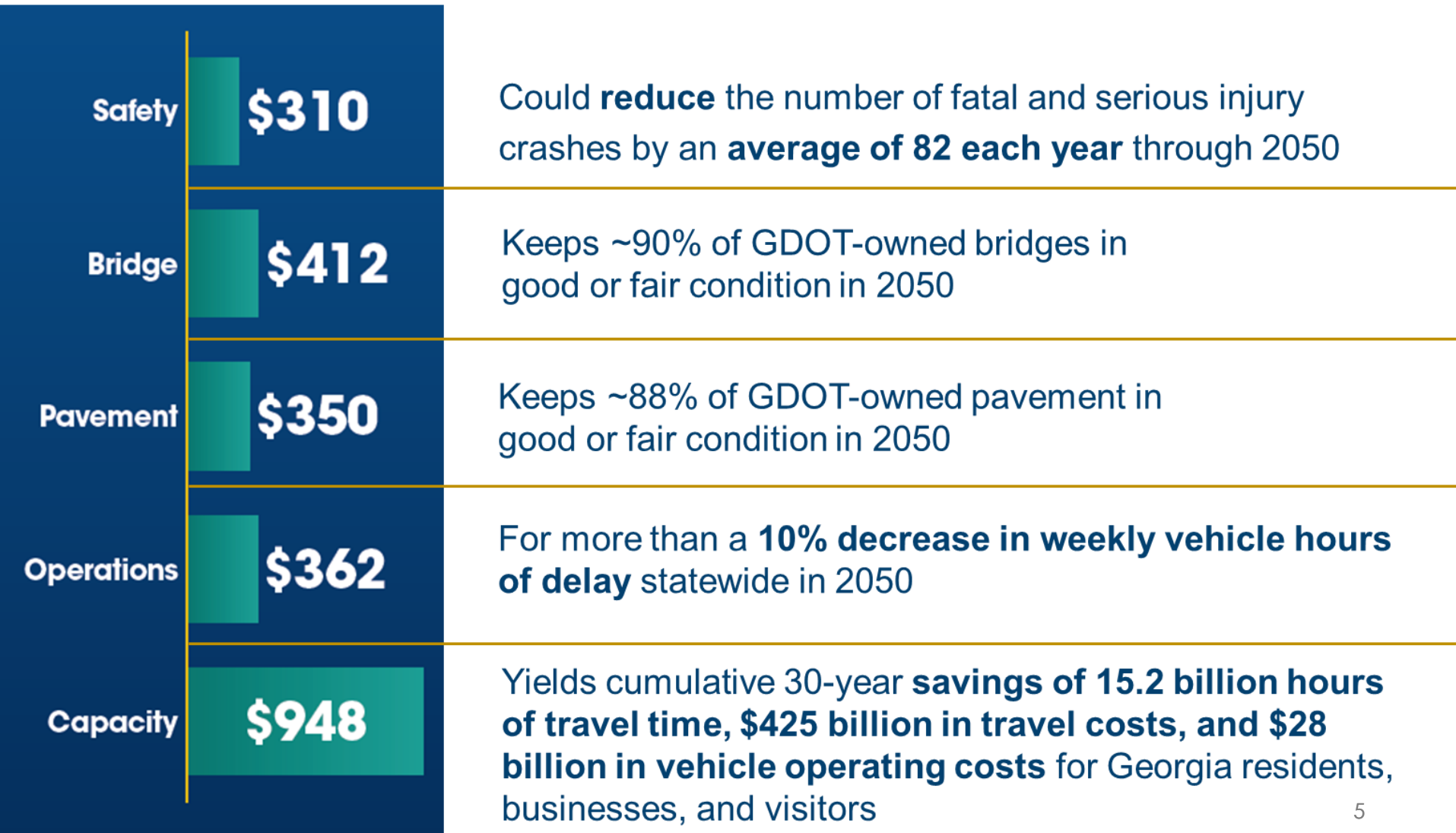


Statewide Transportation Improvement Program (next 4 years),
State Freight and Logistics Action Plan Update, 10-Year Plan,
Other Plans/Programs

**~\$2.4 billion
average per
year
statewide,
thru 2050**

[http://www.dot.
ga.gov/IS/SSTP](http://www.dot.ga.gov/IS/SSTP)

Statewide Return-on-Investment



State Freight & Logistics Plan Update

Georgia's Current Freight Vision and Mission

Vision Statement

Georgia will be the global gateway of choice, providing reduced time to market, superior supply-chain efficiency, and reliability from destination to end customer.

Mission Statement

*The State, in partnership with private-sector and local and Federal governments, will identify and promote the implementation of activities that improve the **capacity, capability, and connectivity** of today's supply chains. This will leverage intermodal freight connectors to destinations both inside & outside of Georgia to generate a **competitive advantage** that benefits Georgians.*

Strategies for Investment



Foundational Investments for Statewide Freight and Logistics

A Focus on Rail Grade Crossing Safety

GDOT will increase investment in Rail Grade Crossings using innovative approaches to change driver behavior to increase safety.



Source: Highway-Rail Grade Crossing Handbook - FHWA



Catalytic Investments for Statewide Freight and Logistics

A Focus on Economic Development

GDOT will invest to support targeted economic development opportunities. These investments will upgrade roadway connections from major corridors to GRAD sites. These high-quality connections are critical to keeping goods moving.



Source: <https://www.georgia.org/grad-certified-sites>



Innovation Investments for Statewide Freight and Logistics

A Focus on Technology

GDOT will continue to invest in programs like the Regional Connected Vehicle partnership between GDOT and the Atlanta Regional Commission. Through this partnership, Georgia will be able to expand its footprint of connected locations to 1,500.



Source: <https://www.ttnews.com/articles/georgia-dot-expand-connected-vehicle-technology-atlanta/>
https://www.its.dot.gov/communications/image_gallery/image30.htm

Increased Manufacturing Across Georgia

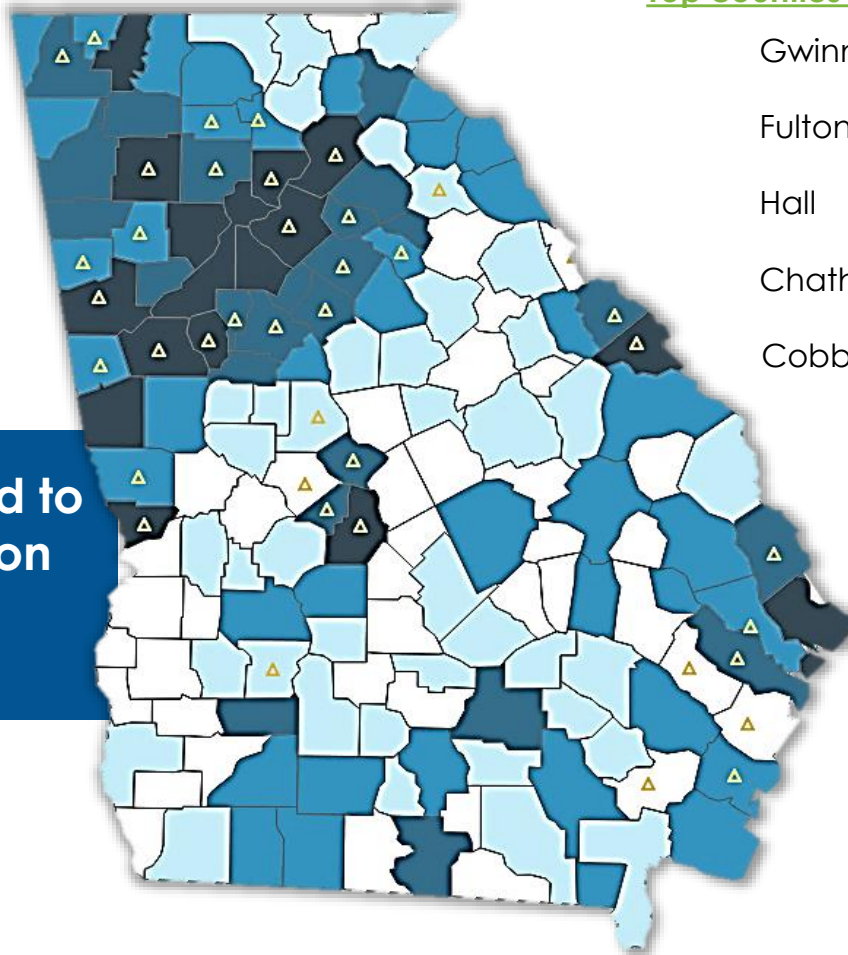
Real GDP estimates by county for Manufacturing

(NAICS 31-33) Estimated KTons, 2050¹

Top counties by 2050 projected KTons

Gwinnett	38,298
Fulton	28,947
Hall	25,097
Chatham	17,478
Cobb	15,864

Manufacturing is expected to grow 77% by 2050 based on projected GSP and freight intensity trends



2050 KTons²

- Less than 129
- 129-591
- 591-2,010
- 2,010-5,797
- Over 5,797

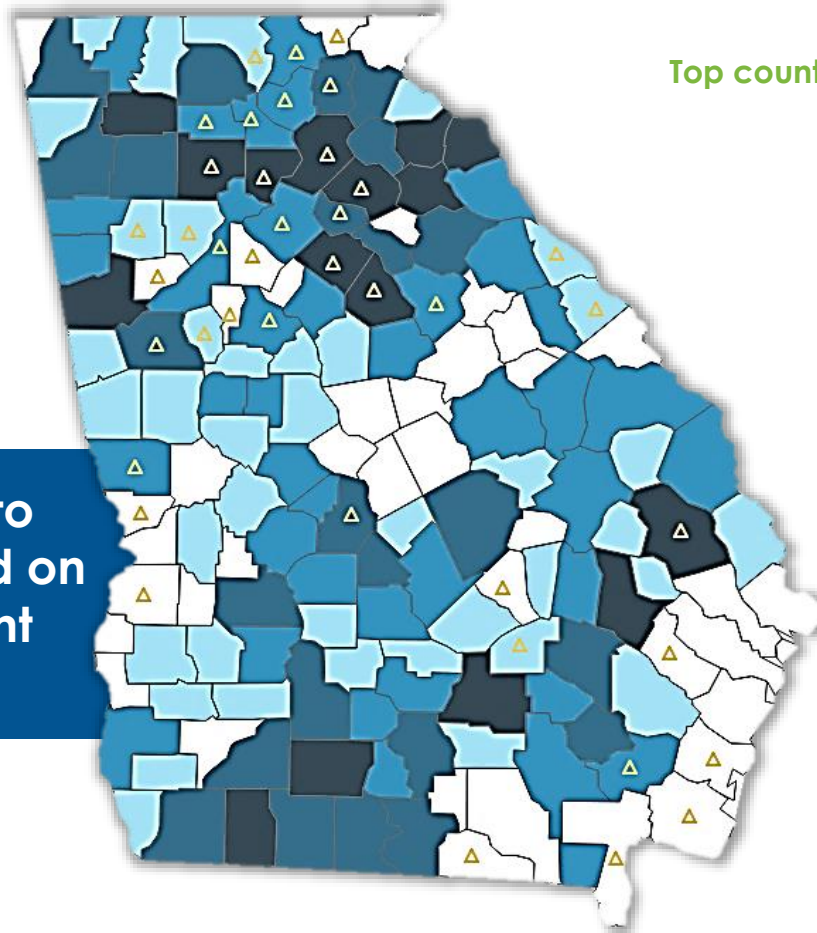
 Counties in top quartile for growth (2020-2050 CAGR)

Strong Agricultural Growth Statewide

Real GDP estimates by county for Agricultural production industry

(NAICS 111) Estimated Ktons, 2050¹

Agriculture is expected to grow 43% by 2050 based on projected GSP and freight intensity trends



Top counties by 2050 projected Ktons

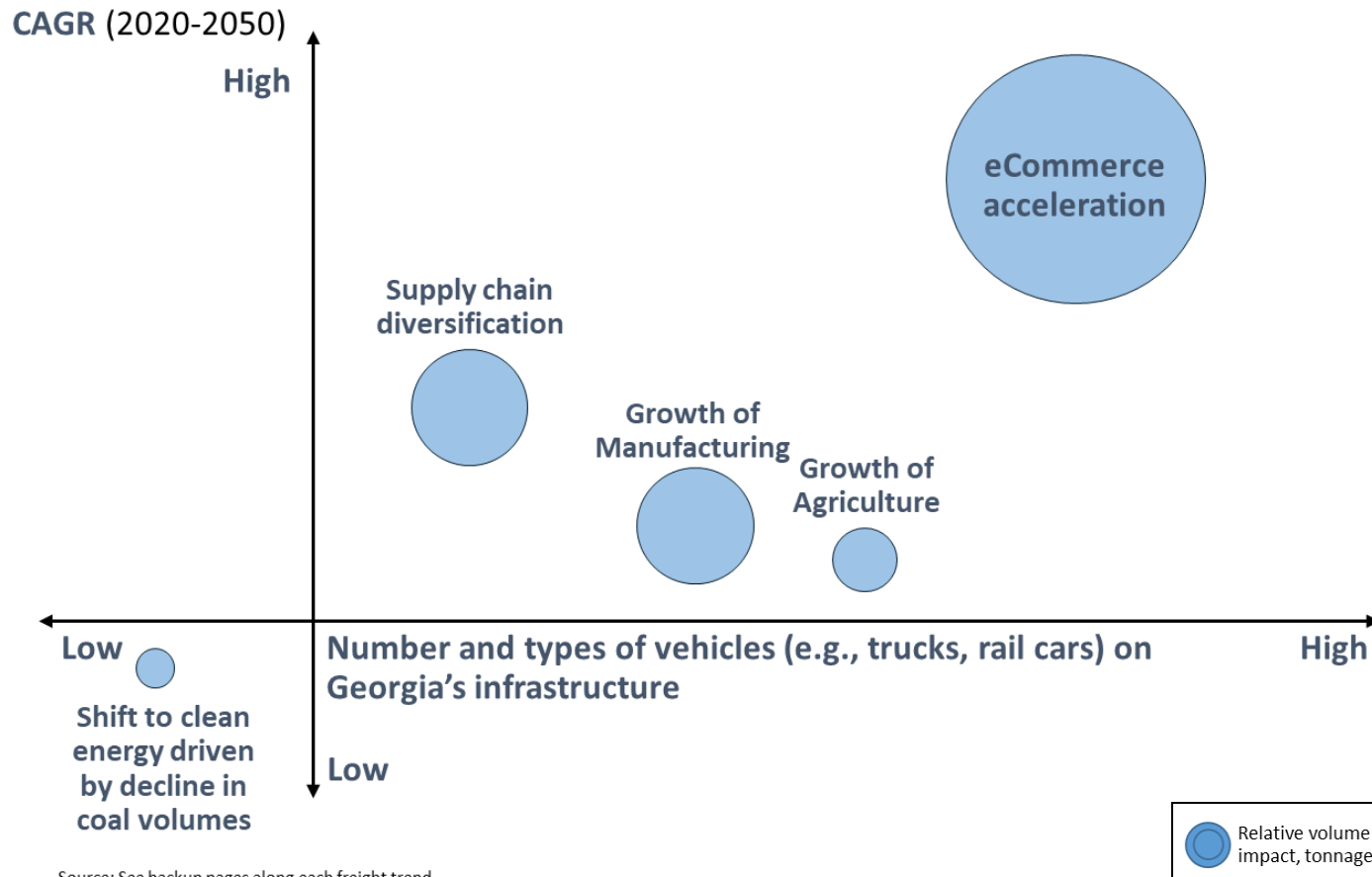
Jackson	1,965
Carroll	1,839
Colquitt	1,799
Franklin	1,598
Hall	1,484

2050 Ktons²

- Less than 273
- 273-444
- 444-659
- 659-974
- Over 974
- △ Counties in top quartile for growth (2020-2050 CAGR)

E-Commerce: Largest Impact on Freight

Annual growth and infrastructure impact of key freight trends in Georgia¹ (2020-2050)



Source: See backup pages along each freight trend

1. Excludes implicit trends (e.g. population growth) and trends only impacting freight modes (technological advancements, move towards decarbonization)

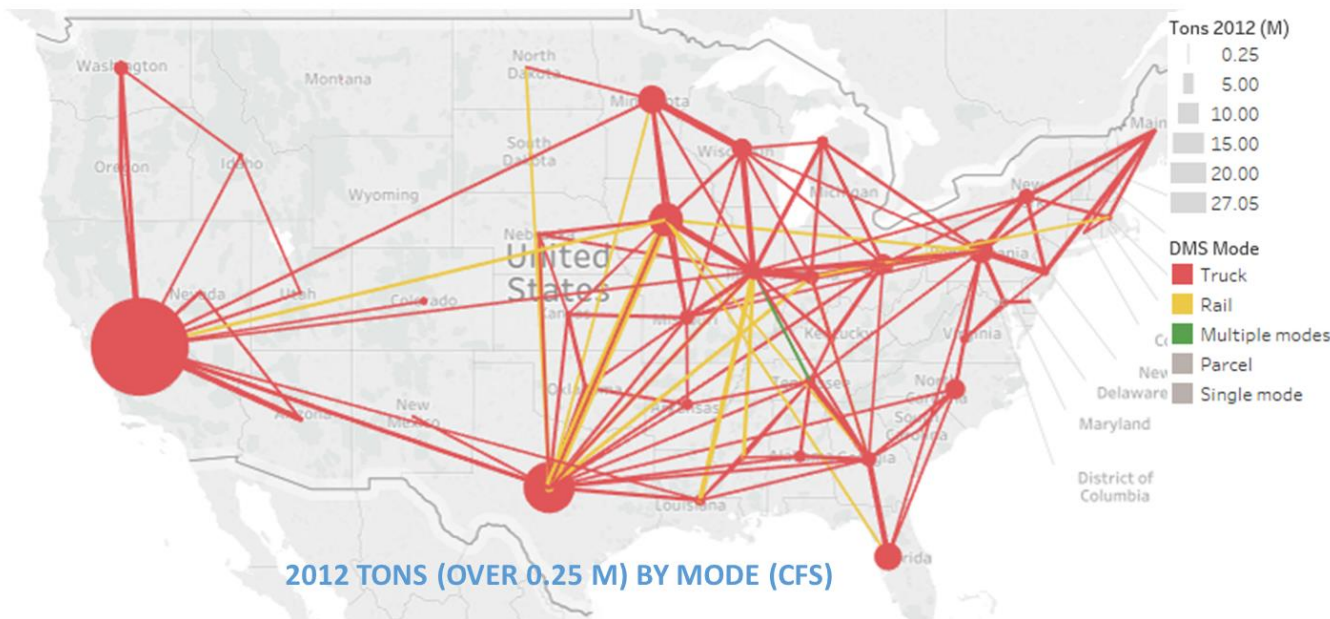
State Freight & Logistics Plan

Selected Analyses and Insights

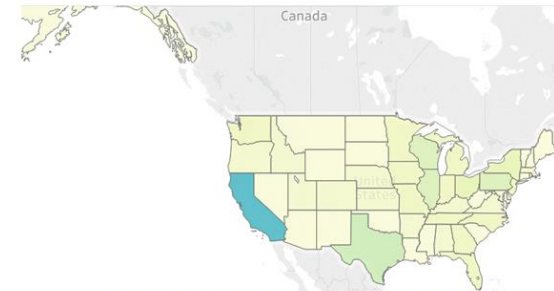
- ✓ Robust **private sector stakeholder engagement**
- ✓ **Direct collaboration with the Atlanta Regional Commission's** upcoming freight planning activities
- ✓ Review and update of **Georgia's State Freight Network**
- ✓ Expanded investigation of Georgia's **truck parking supply** with **recommended solutions**
- ✓ **Supply chain-focused** assessments of current network performance
- ✓ Identification of the state's **logistics advantages** with **strategic infrastructure opportunities** for improving **Georgia's competitiveness**
- ✓ **Unprecedented insight into Georgia's freight flows** by using **innovative, business-focused data**
- ✓ Georgia-focused, advanced **freight fluidity analyses**

Industry Sector Example: Food Products Manufacturing

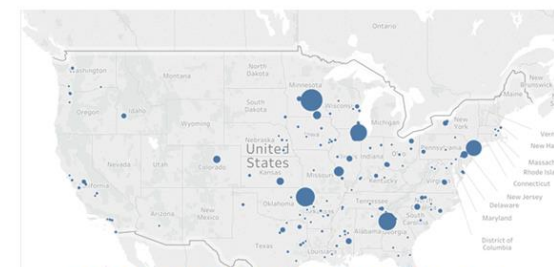
- Definition: NAICS 311-2
- Typical Commodities: **fresh, frozen, or processed meats, poultry, fish, fruits, vegetables; milled grains/oilseeds; sugars; baked goods; beverages**
- Representative Supply Chain (*Examples only*): Anheuser-Busch, Coca-Cola, Perdue, General Mills



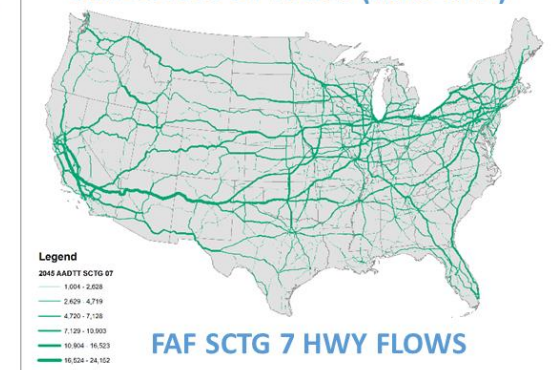
NAICS GDP	Trade Share (CFS Value)	D Modes (CFS Ton-Miles)	Tons and Avg Dist (CFS)
\$493 B	4% E, 96% D or I	68% T, 20% R, 12% O	706 M tons, 440 miles



EMPLOYMENT BY NAICS (CBP)



LOCATION OF FIRMS OVER 1,000 EMPLOYEES BY NAICS (INFO USA)



FAF SCTG 7 HWY FLOWS

Key Objective: **Georgia-Focused** Advanced Freight Fluidity Analyses

State Freight & Logistics Plan

Key Outcomes and Projected Timeline

❖ Multimodal Financial Plan of **catalytic, impactful investments** aligned with the goals of the SSTP/SWTP

❖ Federally-Compliant **State Freight Plan with Action Plan**



**Consultant Selection and
Preliminary Activities**
Summer 2021

**Kickoff and Initial
Stakeholder Outreach**
2021

**Anticipated GDOT
Board Approval**
December 2022

**Anticipated FHWA
Approval**
January 2023

GDOT will coordinate with ARC's Atlanta Regional Freight Mobility Plan, expected to begin Q1 2022

Thank you!

www.dot.ga.gov/freight