

Southeast Georgia Regional System Plan



Introduction

This webinar will...

- Provide an overview of the Southeast Georgia System Plan study
- Introduce the regional airports facing high existing and future aviation demand
- Discuss potential capacity increases, including through Advanced Air Mobility (AAM) and airport electrification opportunities
- Outline the data needed to develop the recommended plan

Project point-of-contact:



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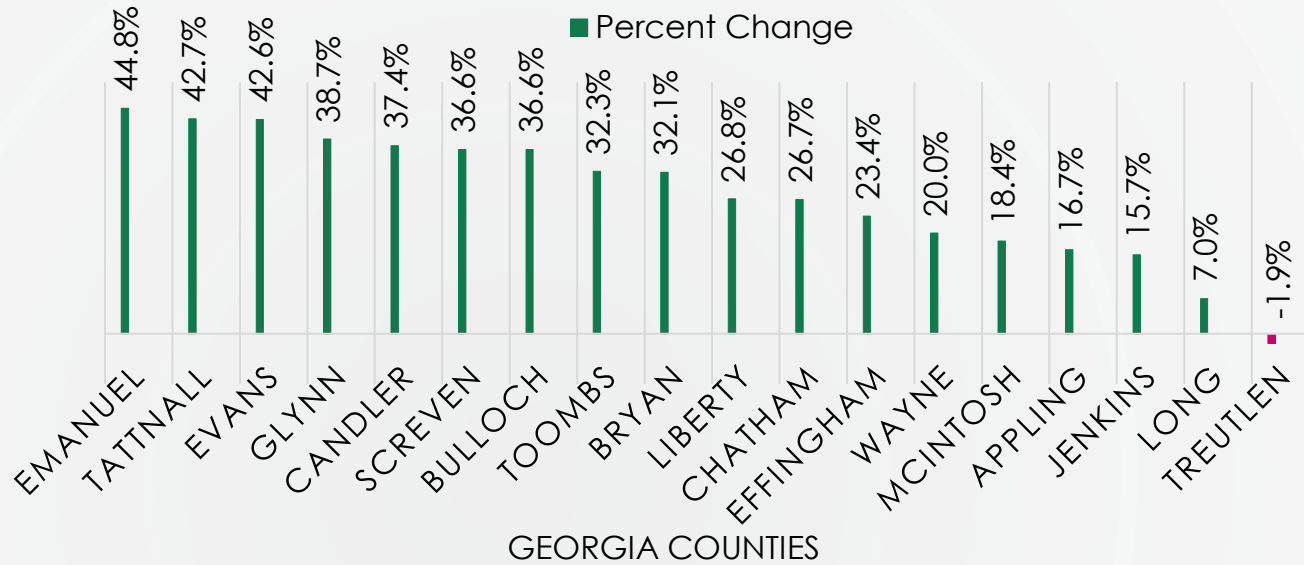
Study Background

- Southeast Georgia is experiencing rapid population and economic growth
- Hyundai plant is accelerating this trend
- Acknowledging the region's growth, GDOT and the FAA initiated this regional plan to evaluate current and future impacts on regional airports
- This study would not be possible without FAA funding
- This study reflects GDOT's unbiased analysis of collected data
- GDOT is also exploring opportunities for advanced air mobility (AAM) and airport electrification in the region



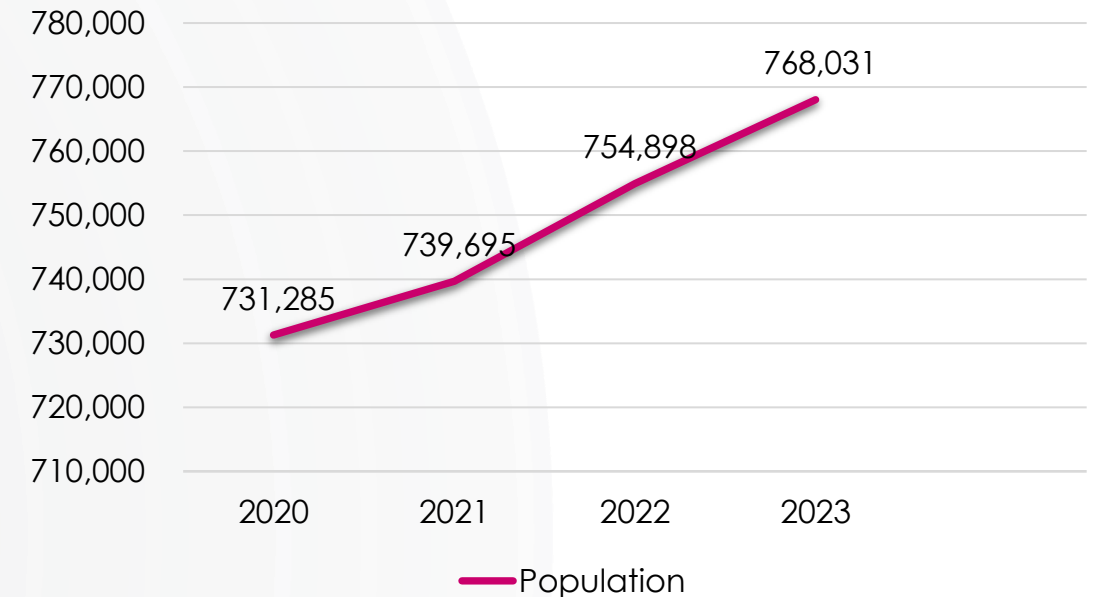
Socioeconomic Trends

INFLATION ADJUSTED CHANGE IN SOUTHEAST GEORGIA MEDIAN HOUSEHOLD INCOME (2018-2023)



Source: Georgia Data – Median Household Income. <https://georgiadata.org/topics/economics/median-household-income>

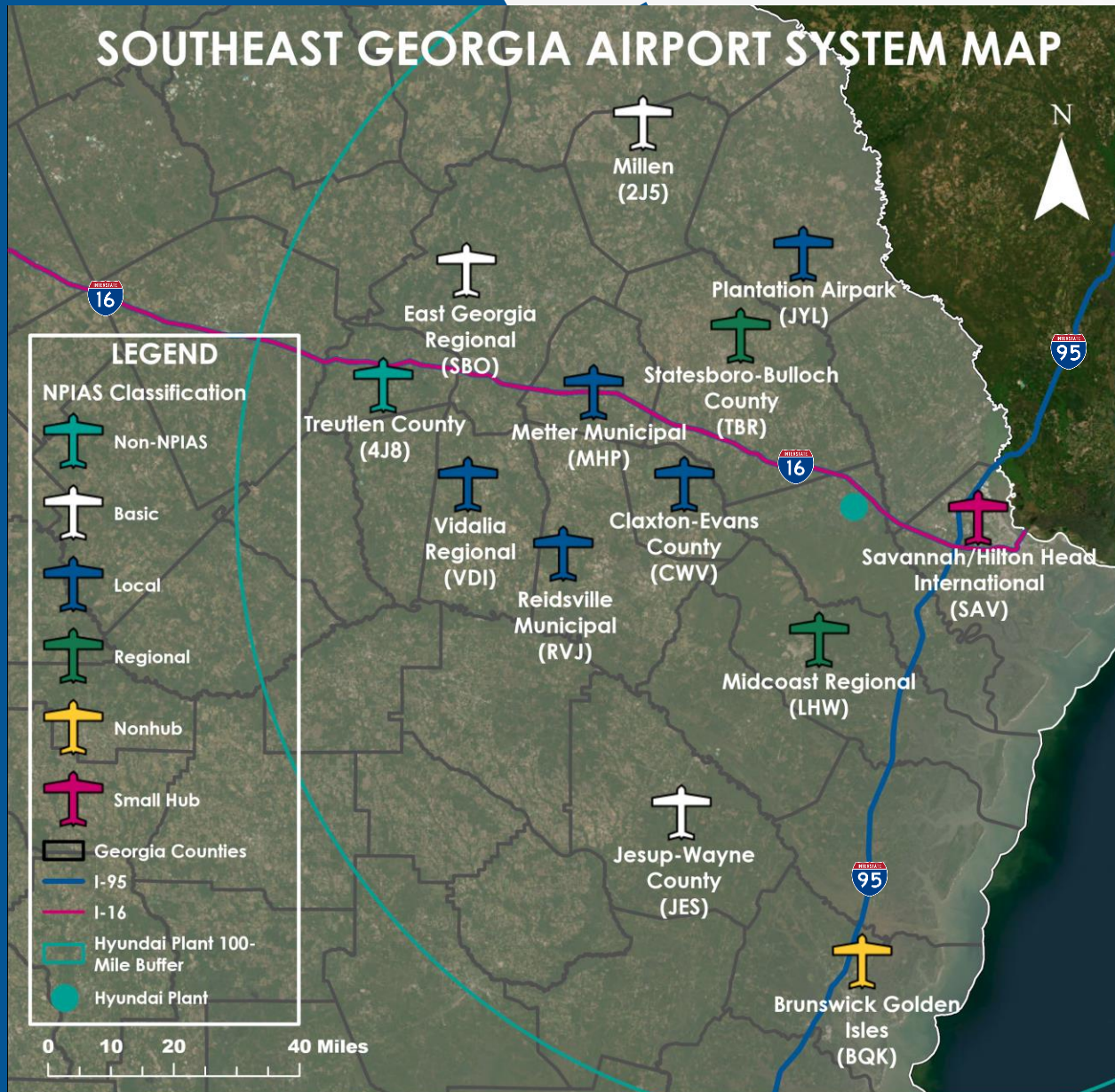
SOUTHEAST GEORGIA POPULATION



Source: U.S. Census Bureau, "Annual Resident Population Estimates by Age Group, Sex, Race, and Hispanic Origin; for the United States, States, Counties; and for Puerto Rico and its Municipios".

Between 2018 and 2023, median household income in the region rose by an average of **27.32%**

Between 2020 and 2023, population expanded by approximately **5.2%**



What is the “Region”?

The thirteen airports included in the study were chosen based on their proximity to the Hyundai Plant in Ellabell, Georgia.

1. Millen Airport (2J5)
2. Plantation Airpark (JYL)
3. Statesboro – Bulloch County Airport (TBR)
4. Savannah/Hilton Head International Airport (SAV)
5. Claxton-Evans County Airport (CWV)
6. MidCoast Regional Airport (LHW)
7. Jesup-Wayne County Airport (JES)
8. Reidsville Municipal Airport (RVJ)
9. East Georgia Regional Airport (SBO)
10. Treutlen County Airport (4J8)
11. Metter Municipal Airport (MHP)
12. Vidalia Regional Airport (VDI)
13. Brunswick Golden Isles Airport (BQK)

Project Stakeholders

This study involves a diverse group of stakeholders and ensures their contributions influence regional aviation planning in Southeast Georgia. Stakeholders include...

Region airports

Support and facilitate regional aviation activity

Communities

Experiencing and supporting economic and transportation growth

GDOT

Oversees aviation planning and regional infrastructure development

Local businesses

Rely on aviation for logistics and workforce mobility

Others as identified

This study aims to include all impacted parties



Study Overview





What is a Regional System Plan?

Comprehensive evaluation of a region's aviation system:

- Smaller geographic scope than a traditional statewide aviation system plan allows for additional focus on issues of regional importance
- This project will focus on regional capacity

Provides foundation and guidance for future aviation capacity and investment decision

FAA guidance for system plans is not as prescriptive as for other planning efforts, meaning states can develop plans that meet their unique needs and circumstances

What Additional Capacity is Needed in the Region?

The study is designed to answer this question

Tasks are designed to assess capacity from several different angles:

- Current capacity (based on data collected effort)
- Planned future capacity (based on planning documentation, forecasting and AAM readiness assessment)
- Maximum buildout capacity

Then, if needs still exist, additional capacity may be warranted

Additional Capacity = existing capacity *and/or* new facilities

Major Study Tasks Overview

Robust data collection process driving study analysis and results

Forecast of commercial service, general aviation, and air cargo activity to guide outlook for **future demand**

Demand/capacity analysis to examine the following scenarios:

- How current capacity can meet forecast demand
- How planned capacity expansions can meet demand
- How maximum buildout capacity can meet demand

Advanced air mobility (AAM) framework to determine how future AAM facility locations will accommodate future AAM needs and fill forecasted demand



Major Study Tasks Overview, Continued

Recommended plan will rely solely on the findings of the previous task:

- We have more details on this plan later in the presentation

Development costs and implementation priorities will be driven by the recommended plan

Study documentation and deliverables will present findings in a user-friendly way, so airports in the region can clearly communicate findings to their communities



Advanced Air Mobility (AAM)

This study offers a unique opportunity to explore integrating new technologies, including AAM. This approach is a crucial component of a holistic strategy to assess capacity and growth in Southeast Georgia.

By considering innovation, this study ensures regional aviation planning explores emerging solutions. Through the lens of the Southeast Georgia AAM framework, this study will...

- Evaluate potential vertiport locations in Southeast Georgia, both on- and off-airport
- Assess airport infrastructure (electric, utilities, etc.) needed to support AAM integration
- Estimate development costs associated with AAM development/integration



Developing the Recommended Plan



An Unbiased Examination of Regional Needs

- The study will begin by developing goals and performance measures (PMs)
- Data will be collected to assess those goals and PMs
- The recommended plan will reflect solely the findings of this assessment and all subsequent tasks of the study



The Recommended Plan Will...



- Identify strategies to address deficiencies in the system
- Include analysis of land use protection needs of existing and planned facilities
- Establish implementation actions and responsibilities for GDOT, existing airports in the region, and other aviation stakeholders
- Include an action plan for existing airports in the region

Potential Study Goals

01

Maximize aircraft operations and capacity

02

Improve hangar and tie-down utilization

03

Safeguard and maintain current airport infrastructure by focusing on the essential needs of the airport system

04

Improve accessibility, cost-effectiveness and dependable transportation options

05

Streamline ground services

06

Promote stewardship of state and federal aviation investments

07

Advanced Air Mobility (AAM) readiness

08

Enhance the safety and security of the airport system

09

Strengthen the Georgia aviation system's role in maintaining environmental quality

Performance Measures (PMs)

PMs are currently in development. PMs should:

- Evaluate the system's progress toward achieving regional goals
- Highlight where additional capacity may be warranted
- Support identification of system gaps and deficiencies that warrant aviation investment



Data Collection and Site Visits



Data Categories



- Aviation activity (past, current, forecasted)
- Airside facilities (current, planned)
- Military aviation facilities and special use airspace (current, planned)
- Landside facilities (current, planned)
- Airport land suitable for aviation development; potential areas of acquisition
- Development constraints
- Navigational, approach, and landing aids (current, planned, and available ADS-B data)
- Local/regional growth and development plans.
- Review of existing special use airspace within the study area
- Unmet aviation demand and the reason the demand has not been satisfied.
- Airport electric/utility infrastructure.

Data Collection Process

Step 1	Step 2	Step 3	Step 4
Outreach to airports via phone and email to schedule a site visit	Airport receives calendar invite and survey	Airport has two-week window to complete survey	Survey staff confirms final data with airport

Meet the Survey Team



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Airport Outreach

Study team to start outreach in October 2025

Site visits anticipated last two weeks of October 2025 (in-person)

Be prepared! Airport should complete the following PRIOR to the site visit

- Review and complete AMS survey

- Review and validate FAA ADIP

- Have data ready, including:

- Hangar Waitlist
- Airport Masterplan/ALP
- Rates and Charges



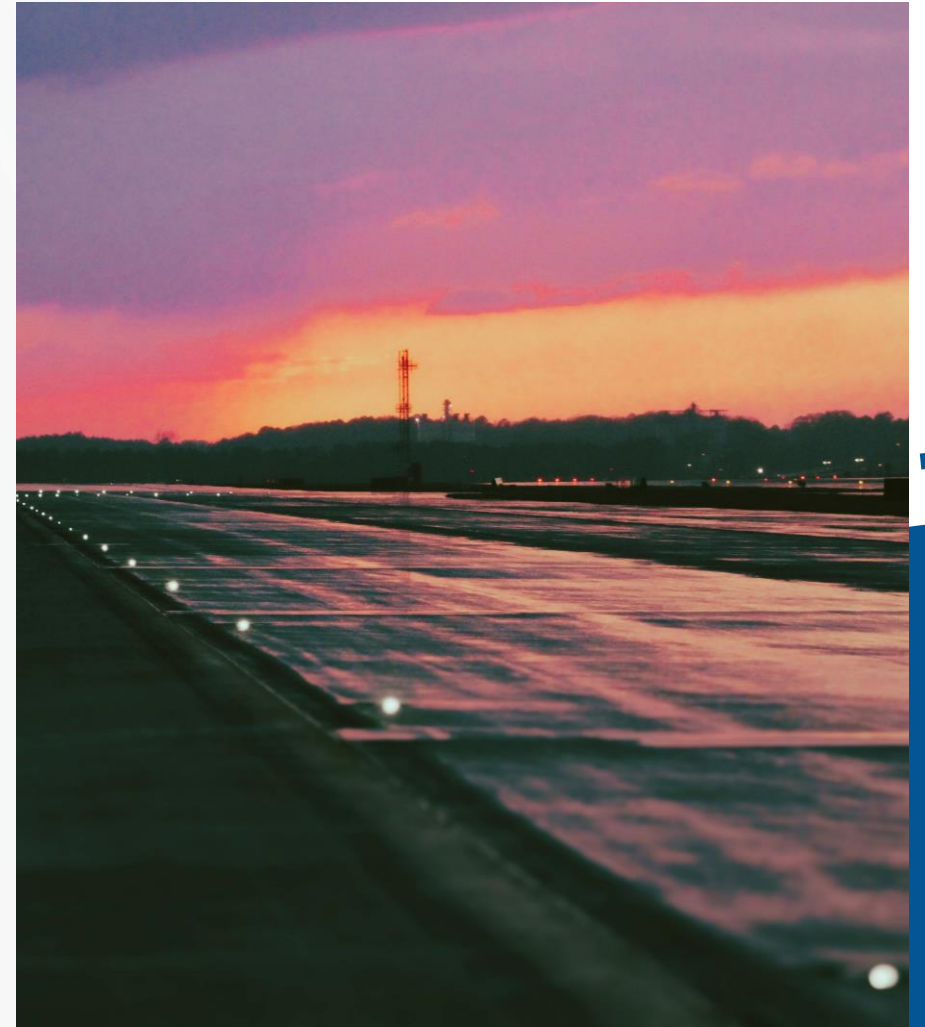
Schedule and Next Steps



Project Timeline

Major upcoming dates:

- Kickoff: Week of October 6, 2025
- Initial Airport Outreach: October 13, 2025
- Data Collection: Week of October 27, 2025
- Data Review: October-December 2025
- Deliverable Development: December 2025-September 2026



Anticipated Deliverables

Working Papers

Technical Report

Executive Summary Report

PowerPoint Presentation

Airport Reports

Off-Airport Vertiport Report

Fact Sheet

Legislative Primer



Questions?

For more information, please contact the project team at SESystemPlan@dot.ga.gov

The Southeast Regional System Plan Webinars are scheduled for:

- Monday, October 6th at 2:30PM
- Wednesday, October 8th at 11:00AM