



UNIVERSITY OF
GEORGIA

Carl Vinson
Institute of Government

SHEEO Community of Practice

How is Georgia using high school data?

December 8, 2021

Presented by David Tanner, Associate Director
Carl Vinson Institute of Government

About the Carl Vinson Institute of Government, UGA

Think of us like extension for government organizations

Inform Inspire Innovate

- Training, Research and Technical Assistance
- Create and curate data for informed decision making

Intermediary/Neutral 3rd party/ non-partisan

Facilitate cross boundry projects

About Me

David Tanner

dtanner@uga.edu

- Georgia Governor's Office of Planning and Budget 1999 – 2012
- Associate Director, Carl Vinson Institute of Government 2012 to current

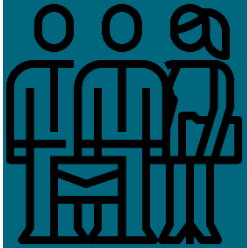
We are honored to work with many most state agencies in our state including...



**Governor's Office of
Student Achievement**



What decisions are we working to inform?

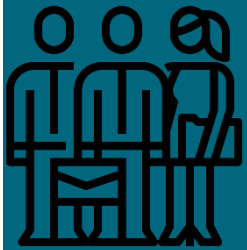


Workforce and Economic Development

- Where do my high school graduates go?
- How many high school graduates are enrolled in my community?
- How many high school graduates are working with no post-secondary credential?



What decisions are we working to inform?



Workforce and Economic Development

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Academic Degree Program Planning

- What are the enrollments in CTE program?
- What is the academic preparation of our incoming students?

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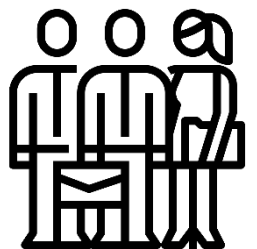
Student Recruitment and Admissions

- Where are Georgia High School graduates enrolling?
- What institutions am I competing with by high school?
- Where might there be additional prospects?

Workforce And Economic Development



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Select Year

2012

Select District

Gilmer County

Select School

All Gilmer County High School

Data Source : [GA.AWARDS](#)

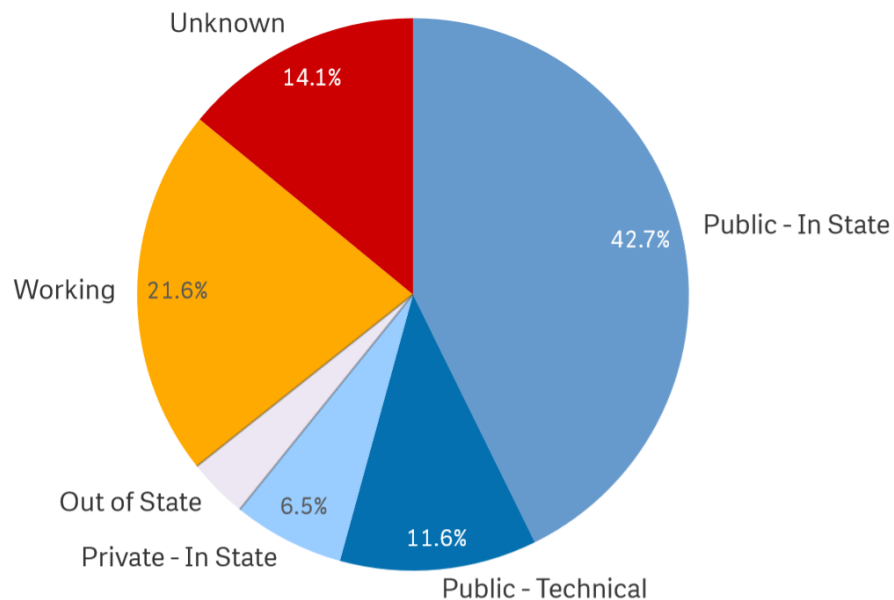
[Download Data](#)

[Request Updates](#)



Graduate Outcomes - Year After High School Graduation

In 2012, 199 students graduated from All Gilmer County High Schools.



- Earned career pathway credential, working in Georgia
- Enrolled in college/university outside of Georgia
- Enrolled in Georgia private college/university
- Unknown

- Enrolled in Georgia public college/university
- Enrolled in Georgia public technical college
- Working in Georgia, not enrolled in college



Top Colleges/Universities by Enrollment

Year After High School Graduation

Top In-State College/Universities

Dalton State College

Chattahoochee Technical College

Kennesaw State University

University Of North Georgia

North Georgia Technical College

Top Out-of-State College/Universities

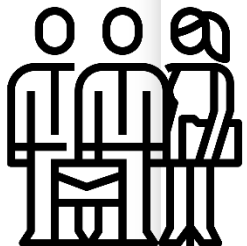
Argosy University - Chicago

Clovis Community College

Faulkner University

Union College

University Of Alabama





Requiring Remediation

Percentage of the Class of 2012 that required remediation at Georgia public colleges and universities

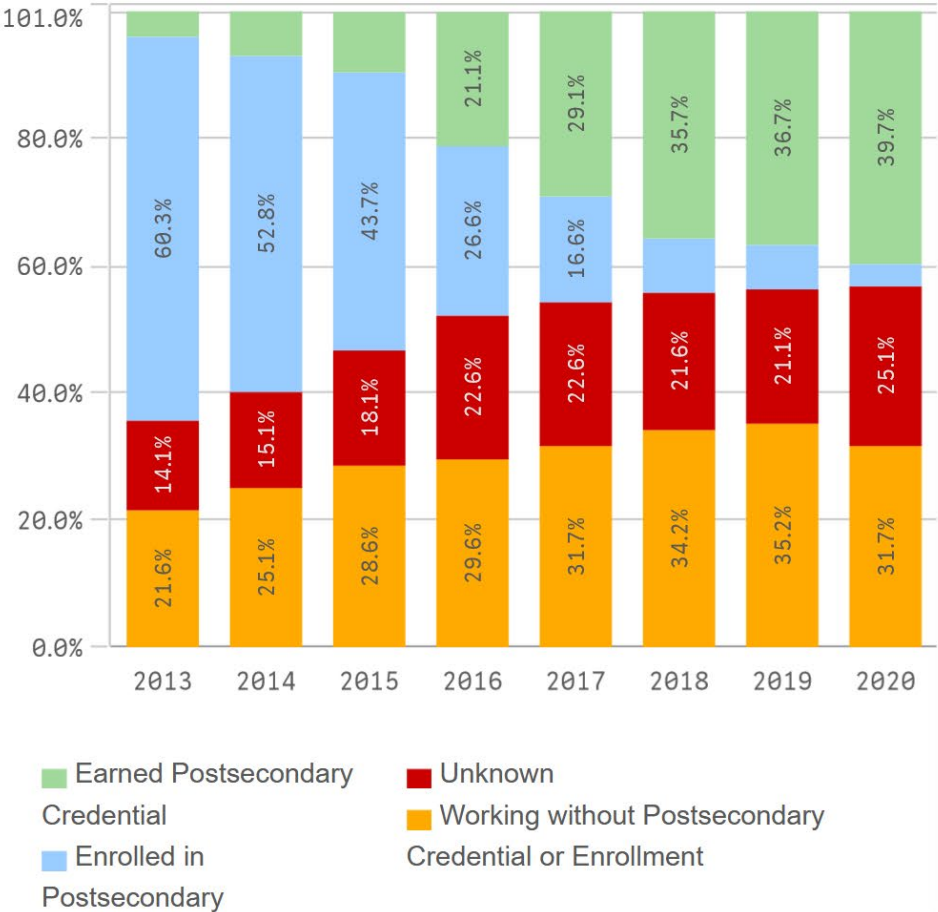
English 12.0%

Math 31.5%



Postsecondary Enrollment and Progress from High School Gradu...

All Gilmer County High Schools, Class of 2012

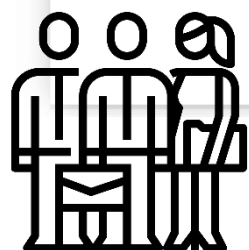
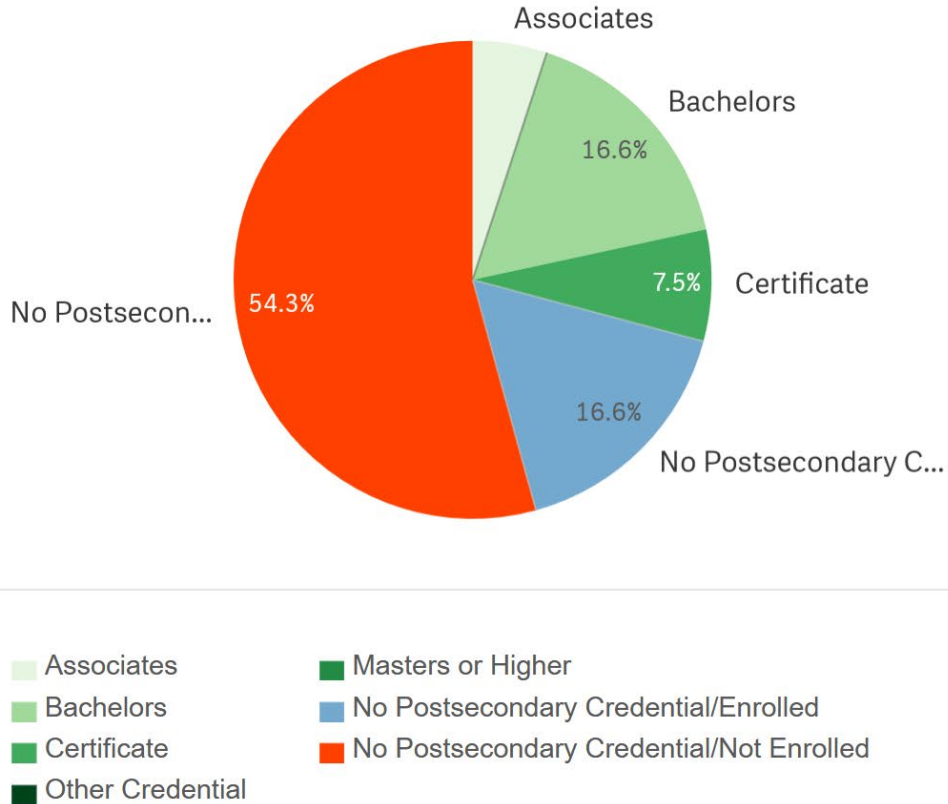


After Five Years

After Eight Years

Highest Postsecondary Credential Earned after Five Years

All Gilmer County High Schools, Class of 2012



Local Workforce Development Plan

WORKFORCE CHEROKEE

Cherokee Workforce Collaborative Strategic Implementation Plan

January 2017



#4: Availability of Skilled Labor

Companies will locate or expand their operations in areas where they can be successful. According to Area Development Magazine, a publication focused on economic development, site selectors and CEOs consistently cite workforce development as the top criteria when deciding where to locate new projects. Companies in Cherokee County compete for talent regionally, nationally, and internationally. Developing talent locally strengthens the county's ability to retain and recruit businesses.

Cherokee County has a highly educated population. The value of education is strong in Cherokee County, with 83.1% (Class of 2014) of high school students graduating. Of those who graduated from Cherokee County public high schools in 2014, 74% were enrolled in postsecondary education the following year compared to 67% of high school graduates statewide. Compared to statewide benchmarks, Cherokee County has a much higher proportion of graduates enrolling in college. Cherokee is similar to other metro-Atlanta counties in postsecondary enrollment.

Despite this success, the talent pipeline in Cherokee County can be strengthened. Table 1 details that the Cherokee County School System had an 83.1% graduation rate in 2014, with 54.4% of graduates eligible for the HOPE Scholarship (B average GPA). This means that 17% of the high school students did not graduate and that of those who graduated, 46% did not have at least a B average GPA.

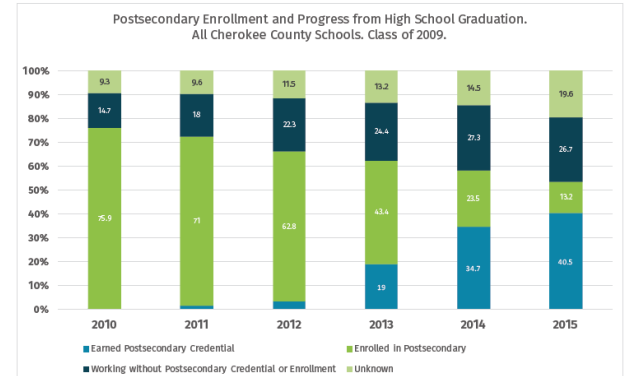
Table 1. Metro-Atlanta High School

2014 Graduating Class	High School Graduation Rate	Postsecondary Enrollment Rate	HOPE Eligible
Bartow County	70.50%	57%	39.10%
Cherokee County	83.10%	74%	54.40%
Cobb County	79.10%	75%	50.90%
Dawson County	85.30%	57%	50.60%
Forsyth County	90.70%	80%	65.10%
Fulton County	80.50%	78%	50.10%
Gordon County	86.10%	54%	51.20%
Pickens County	85.10%	59%	57.20%

Source: Governor's Office of Student Achievement

Figure 1 shows the progress of the Class of 2009 from the Cherokee County School System since graduation. Of the 76% of the Class of 2009 graduates enrolled in college, 41% had earned a postsecondary credential six years later. It is important to note that six years after graduation, 27% of the graduating class was working without any postsecondary credential or enrollment, and another 13% was still enrolled in postsecondary education. These education pipeline data indicate that there are opportunities to strengthen the talent development pipeline in Cherokee County.

Figure 1. Cherokee County High Schools Class of 2009 Postsecondary Enrollment and Progress



Source: Governor's Office of Student Achievement

Aligning the skill development programs in the high schools with the needs of local employers can be done through the Career, Technical, Agricultural Education (CTAE) programs in the high schools. Many communities in Georgia have also created college and career academies, which place even greater emphasis on meeting the skills and competency needs of employers in their area. CTAE programs provide students the opportunity for more hands-on learning or more applied learning programs. Statewide there are 17 career clusters with more than 133 career pathways. In Cherokee County, 15 of the 17 career clusters are offered.

Local Workforce Development Plan

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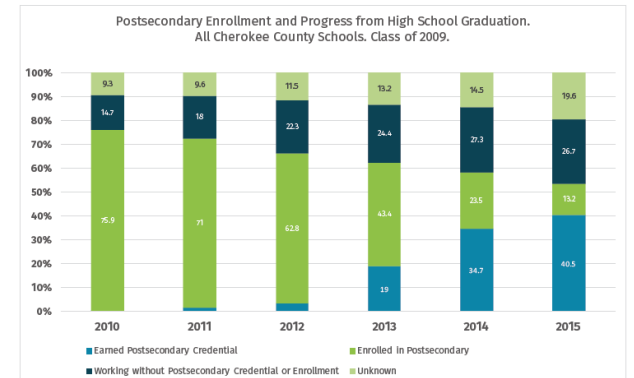
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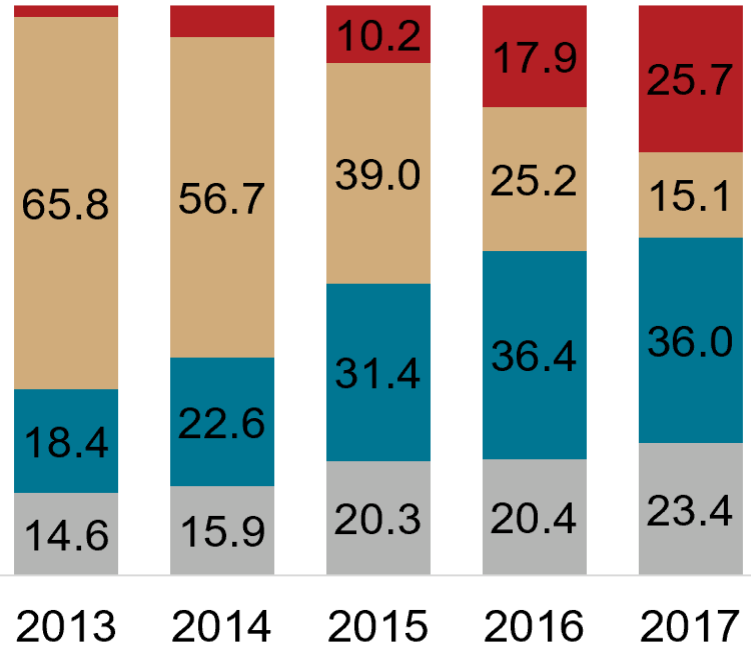
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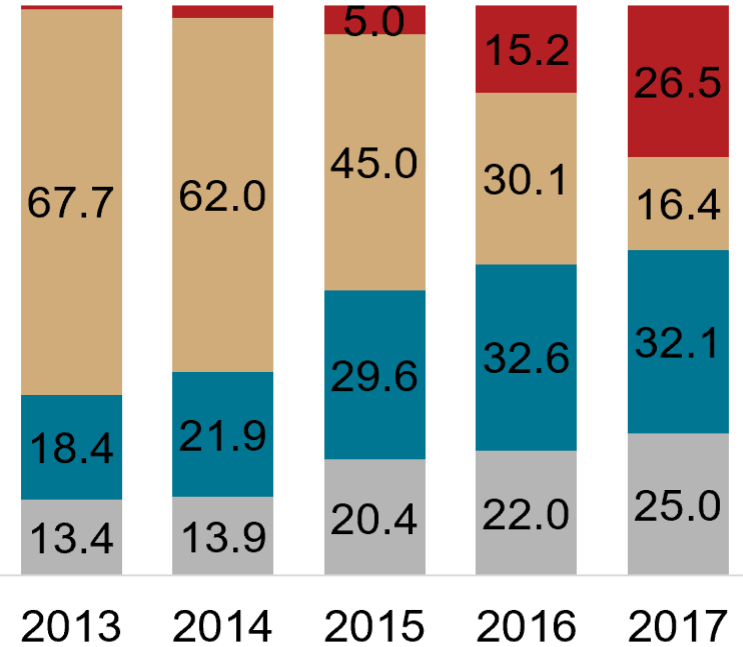
Academic Program Study Example

The region's high school class of 2012 earned postsecondary credentials more quickly than the state as a whole, but by 2017 they had similar outcomes.

GSW Region Percentages

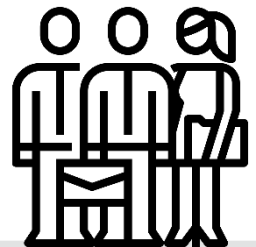


Georgia Percentages



■ Earned postsecondary credential
 ■ Working without postsecondary credential or enrollment
■ Enrolled in postsecondary
 ■ Unknown

Source: Governor's Office of Student Achievement



Academic Degree Program Planning

- What are the enrollments in CTE programs?
- What is the academic preparation of our incoming students?



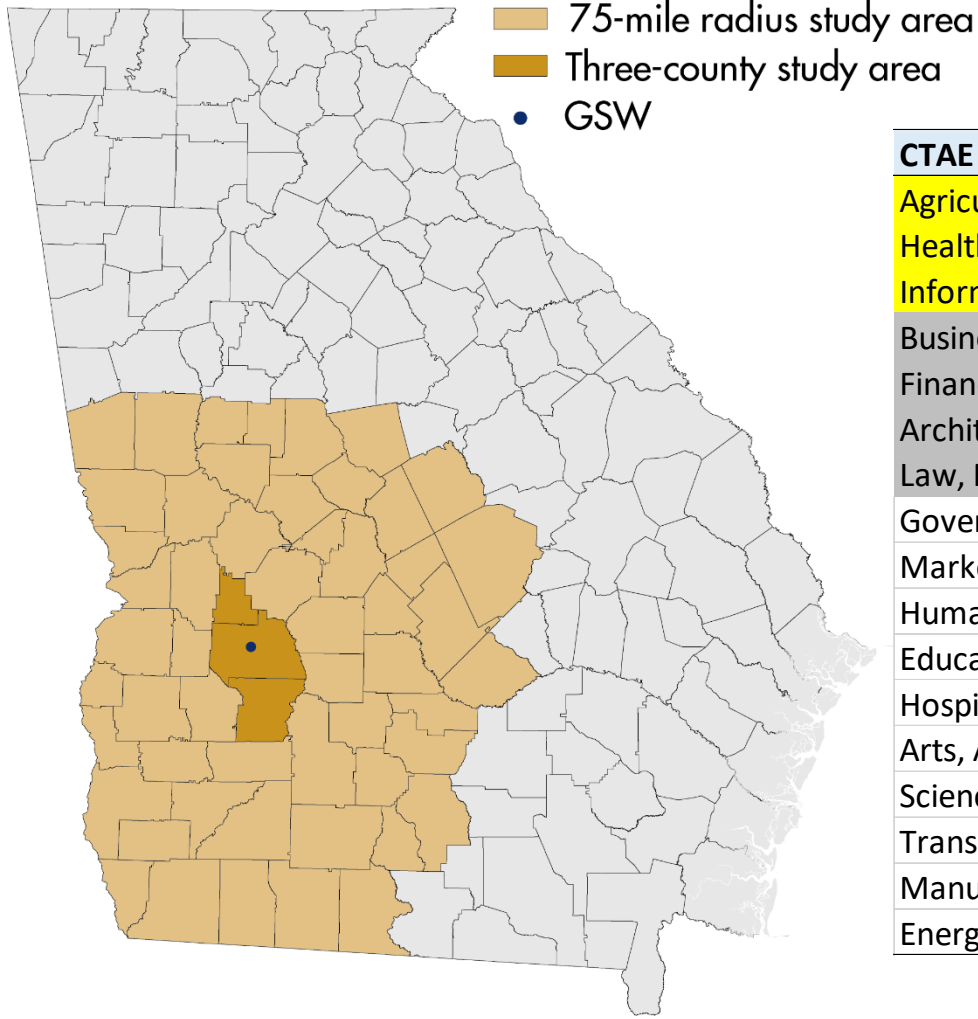
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GEORGIA SOUTHWESTERN
STATE UNIVERSITY

Georgia Southwestern study area based on a 75-mile radius



CTAE Program Enrollments in the study area

CTAE Pathways	2016-2017	2017-2018	2018-2019
Agriculture, Food and Natural Resources Career Cluster	37.12%	34.94%	34.63%
Health Sciences Career Cluster	23.74%	23.72%	24.42%
Information Technology Career Cluster	7.42%	7.15%	9.08%
Business Management & Administration Career Cluster	7.15%	7.30%	6.13%
Finance Career Cluster	6.09%	6.36%	5.33%
Architecture and Construction Career Cluster	4.47%	5.15%	5.02%
Law, Public Safety, Corrections & Security Career Cluster	3.12%	3.86%	4.10%
Government and Public Administration Career Cluster	2.07%	2.20%	2.14%
Marketing Career Cluster	1.79%	1.96%	1.96%
Human Services Career Cluster	1.71%	1.84%	1.76%
Education and Training Career Cluster	1.65%	1.48%	1.54%
Hospitality & Tourism Career Cluster	1.33%	1.37%	1.39%
Arts, A/V Technology & Communications Career Cluster	1.06%	1.32%	1.29%
Science, Technology, Engineering, & Mathematics Career Cluster	0.64%	0.58%	0.58%
Transportation, Distribution, & Logistics Career Cluster	0.48%	0.61%	0.51%
Manufacturing Career Cluster	0.12%	0.14%	0.11%
Energy Career Cluster	0.02%	0.02%	0.00%

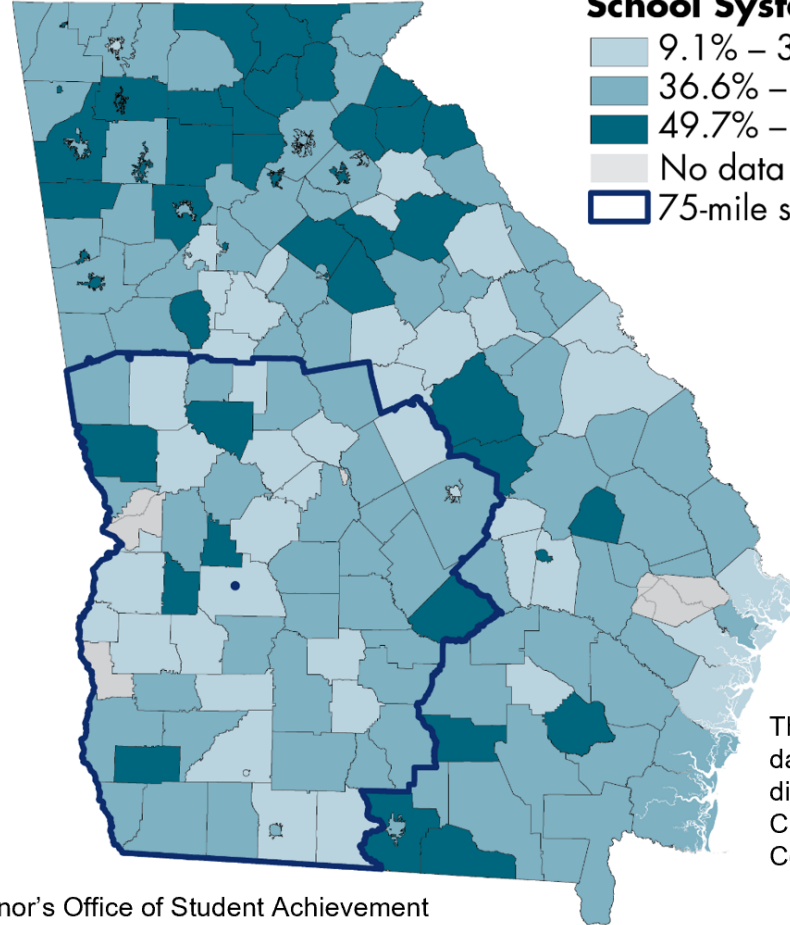
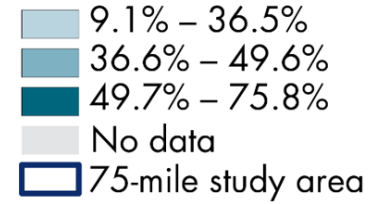


Hope Eligibility, 2018

(B average GPA)

What is the
academic
preparation
of students in
my
catchment
area?

HOPE Eligibility by School System, 2018



The Georgia Department of Education does not compile data on Department of Defense Education Activity districts; it does not report on fewer than 10 students. Clay County students attend high school in Randolph County.

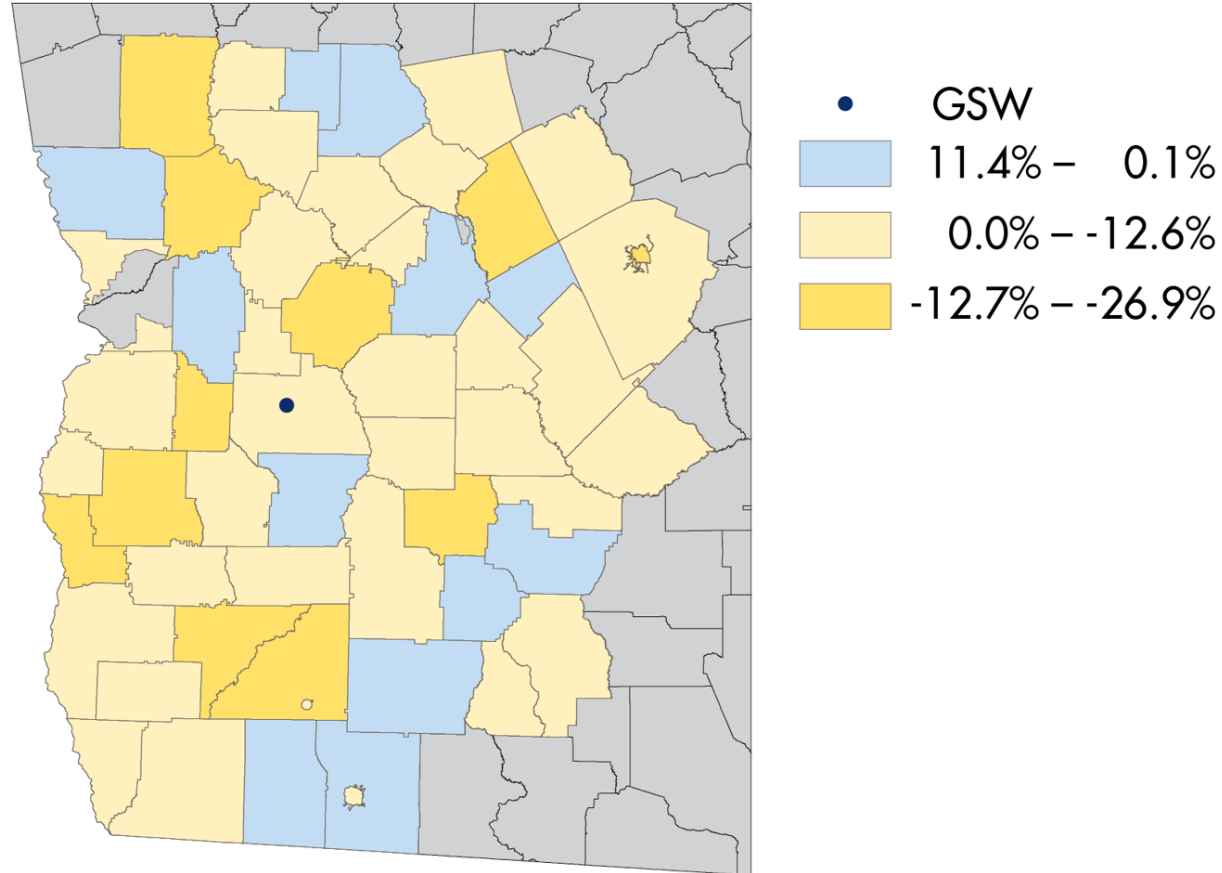
Source: Governor's Office of Student Achievement

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Public school (Pk-12) enrollment
decreased over most of the region
between 2010 and 2017.

What are k-12
enrollment
trends in my
region?

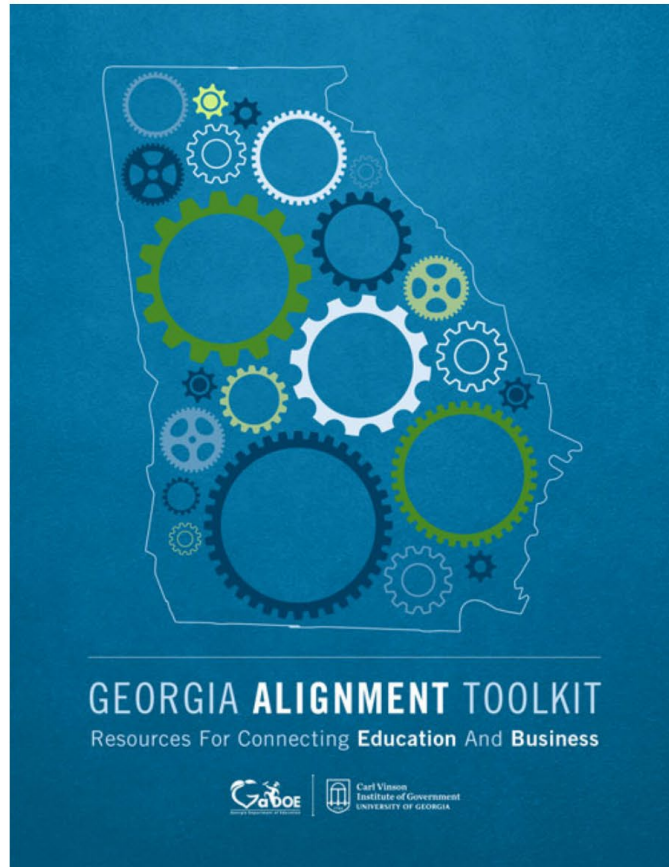


Source: Governor's Office of Student Achievement

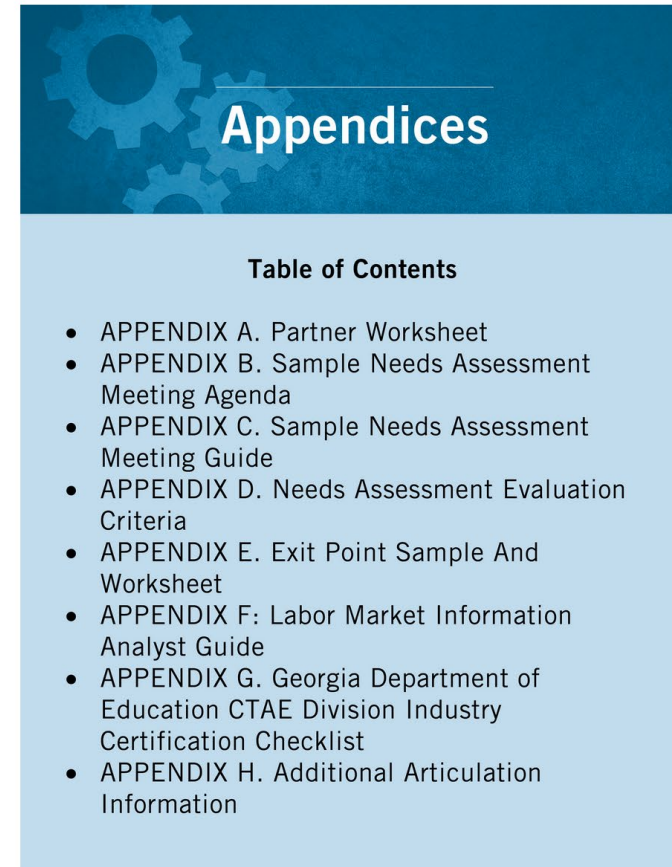
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Georgia Alignment Toolkit



Georgia Alignment Toolkit Resources



Appendices

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- APPENDIX B. Sample Needs Assessment Meeting Agenda
- APPENDIX C. Sample Needs Assessment Meeting Guide
- APPENDIX D. Needs Assessment Evaluation Criteria
- APPENDIX E. Exit Point Sample And Worksheet
- APPENDIX F: Labor Market Information Analyst Guide
- APPENDIX G. Georgia Department of Education CTAE Division Industry Certification Checklist
- APPENDIX H. Additional Articulation Information

Source: Carl Vinson Institute of Government (Search Alignment Toolkit [uga.edu](https://cviog.uga.edu))

<https://cviog.uga.edu/services-and-research/workforce-development/toolkits-resources/alignment-toolkit/index.html>





SECTOR Health Care



WHERE	High School	High School	High School
HOW	High School Teacher	High School Teacher	Dual Enrollment Instructor





SECTOR Agriculture



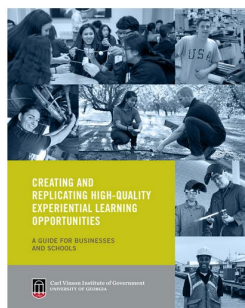
WHERE	High School	High School	High School
HOW	TCSG/Industry Instructor	TCSG/Industry Instructor	TCSG/Industry Instructor





High School Experiential Learning Guide for Education and Business

High School Experiential Learning



The guide includes 19 case studies that illustrate high quality experiential learning programs in Georgia and across the United States.

This guide was made possible through the support of Georgia Power

To download the full report, [click here](#).

Continuum

Preparing students for career success by learning through experience and relating it to classroom components.

EXPERIENCES

Students learn about work through hands-on experiences

SCHOOL-RELATED

Career and technical student organizations, virtual reality, simulations, project-based learning

AT BUSINESS

Workplace tours, job shadowing

ENTREPRENEURSHIP

Students learn about work and commerce through small business creation, competitions, and school-based enterprises.

WORK-BASED LEARNING

Students work at local employers (e.g., internships, paid positions) to gain employability skills and industry exposure. May or may not be tied to their program of study.

PRE-APPRENTICESHIP

Students complete a formal program that integrates academic training and paid work. This is typically focused on training for a specific occupation.

EXPERIENTIAL LEARNING DECISION TREE

The decision tree below is intended to aid business and school leaders as they consider creating experiential learning programs. The tool can help assess your readiness, understand how your goals may align to different types of opportunities, and determine what best suits your organization's capacity.



[Click to view larger image.](#)



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<https://cviog.uga.edu/services-and-research/workforce-development/toolkits-resources/experiential-learning/index.html>



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Student Recruitment and Admission

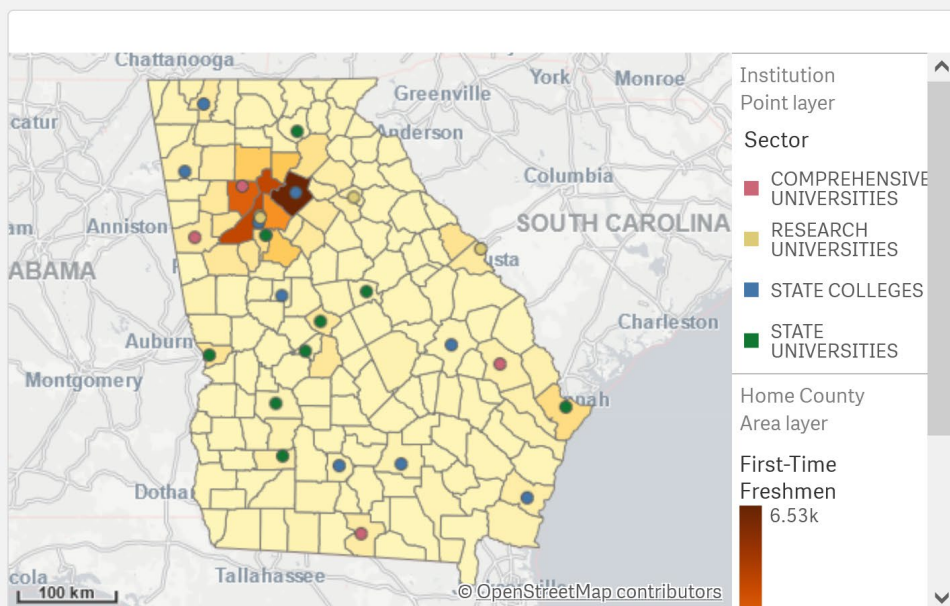
- Where are Georgia High School graduates enrolling?
- What institutions am I competing with by high school?
- Where might there be additional prospects?
- What are the key statistics about high schools of interest?





First-Time Freshman App: Where do students come from and where do they go?

Enrollment Overview

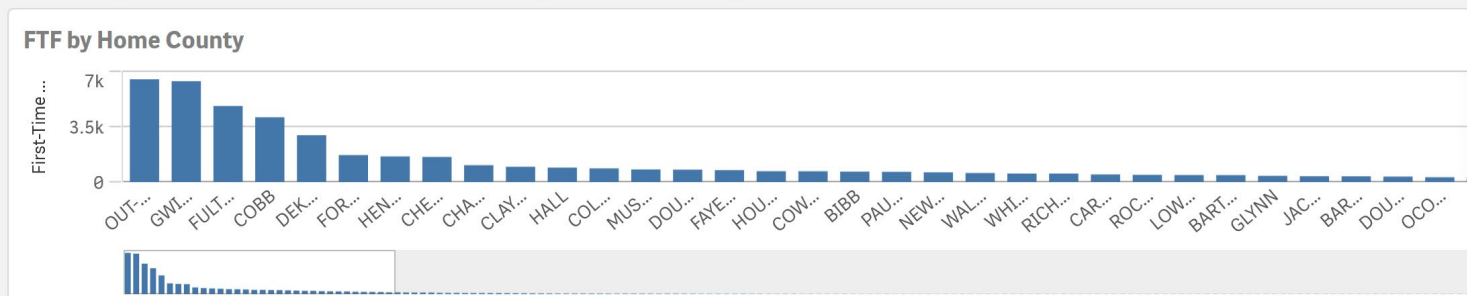


County
APPLING
ATKINSON
BACON
BAKER
BALDWIN
BANKS
BARROW
BARTOW
BEN HILL
BERRIEN
BIBB
BLECKLEY

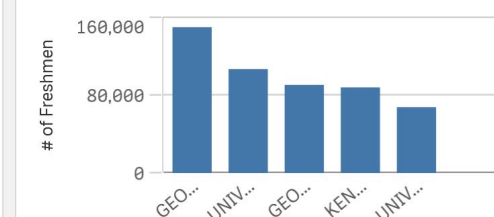
INST	Freshmen Count
Totals	1,029,635
ABRAHAM BALDWIN AGRICULTURAL COLLEGE	31,183
ALBANY STATE UNIVERSITY	34,064
ATLANTA METROPOLITAN STATE COLLEGE	8,943
AUGUSTA UNIVERSITY	19,739
CLAYTON STATE UNIVERSITY	13,674
COLLEGE OF COASTAL GEORGIA	14,961
COLUMBUS STATE UNIVERSITY	24,619
DALTON STATE COLLEGE	21,550
EAST GEORGIA STATE COLLEGE	19,298
FORT VALLEY STATE UNIVERSITY	12,528
GEORGIA COLLEGE & STATE UNIVERSITY	26,310
GEORGIA GWINNETT COLLEGE	29,781
GEORGIA HIGHLANDS COLLEGE	24,621
GEORGIA INSTITUTE OF TECHNOLOGY	58,163

Total Freshmen Count
1,029,635

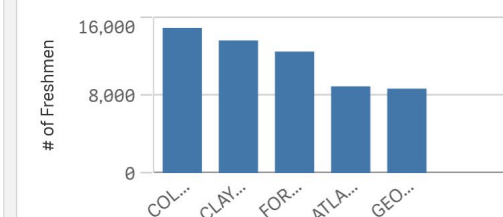
FALL_TERM	Freshmen Count
Totals	1,029,635
2021	54,896
2020	56,523
2019	53,886
2018	54,173
2017	53,008
2016	52,087
2015	52,331



Top 5 Freshmen Enrollments by Institution



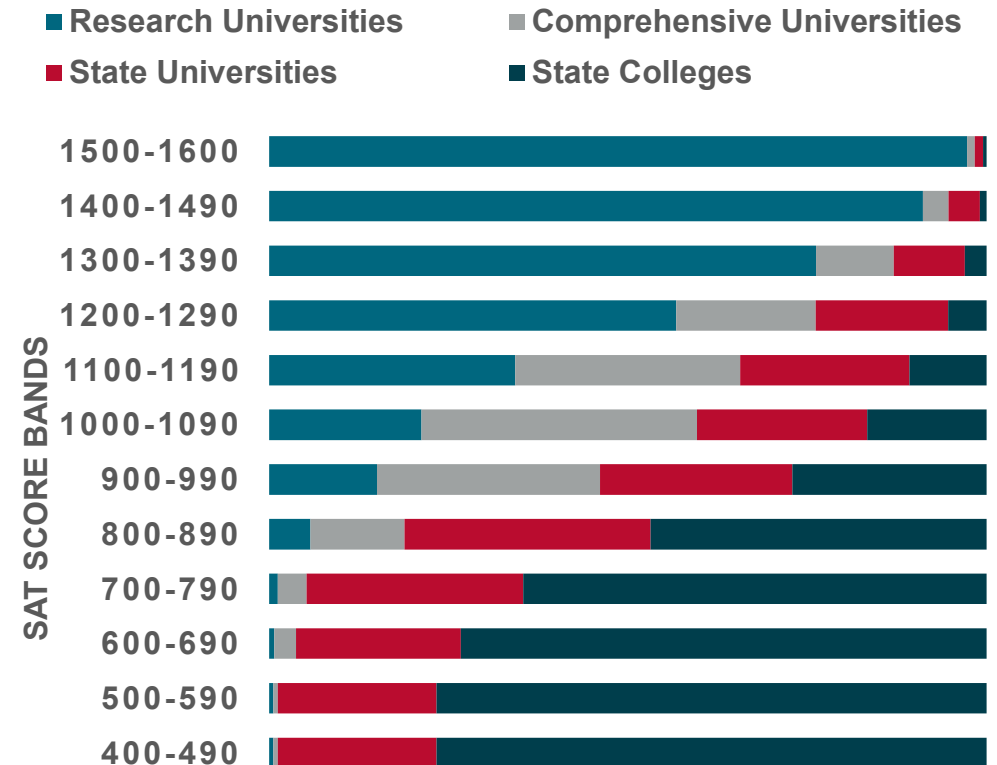
Bottom 5 Freshmen by Institution





Market Share Tool: Where might I find additional prospects?

- Assumption: All high school graduates are prospects
- Uses the University System of Georgia distribution of test scores by sector to define sector score bands
- High school prospects by sector determined by the distribution of the SAT and ACT test scores from the high school
- High School Graduate Outcomes Dashboard (GOSA)





Sliders and Toggles to Change Viewing Settings

Highlight RU Capture Rates below...

.30

Exclude Est. No Test Takers

Show Unhighlighted

Individual High School Details

(Update selection to update schools)

Values

High School

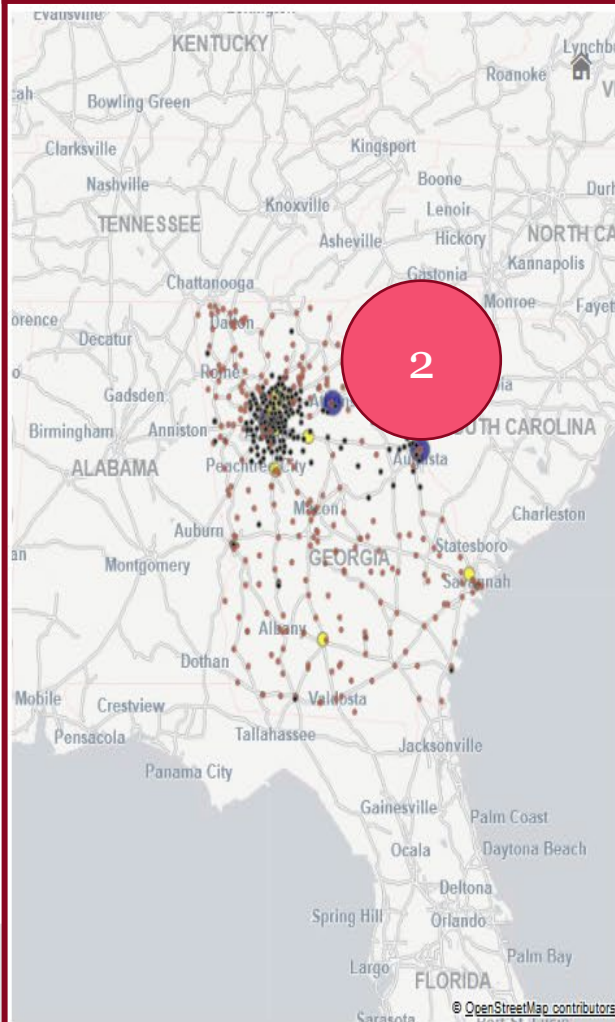
School District

ACADEMY FOR CLASSICAL EDUCATION

Research Uni. Calculated Prospects	28.3
Overall RU Enrollment	5
Est. RU Capture %	17.7%
Est. No Test Prospects	
Uncaptured RU Prospects	23.3
Overall USG Enrollment	33
# of HOPE Eligible Students	45
HOPE Eligibility Rate	70.3%
FRL Eligibility Rate	99.6%
Directly Certified Rate	8.4%
School District	BIBB COUNTY
2012-15 Outcomes:	
Overall % of Class	
USG %	-
TCSG %	-
Private in GA %	-
Out of GA %	-
Working %	-
Unknown %	-
Percent of AP Students at High School	0.0%
Percent of AP tests 3 or Higher	-
Percent of Dual Enrolled Students	12.7%

High School and RU Locations

Blue - Main Campuses; Yellow - Aux. Campuses



High School HOPE Eligibility and Free and Reduced Price Lunch Participation Rates

Size of dot corresponds to uncaptured (unrecorded in FTF data) RU calculated prospects within each HS; color highlights RU capture rates below threshold



DEMO



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PROMOTING EXCELLENCE IN GOVERNMENT

Dashboards, Data, Report Card	
>	Data Dashboards
	Downloadable Data
	Georgia School Grades Reports
	Report Card (down for maintenance)
	Statewide Longitudinal Data System (GA•AWARDS)
	Submitting Request for Data

Downloadable Data

The Report Card and other GOSA [data dashboards](#) allow education stakeholders to examine education statistics for individual schools and districts. In some cases, stakeholders may require school- and district-level data for all schools. To meet this need, this page provides downloadable spreadsheets with district- and/or school-level data for all schools across Georgia (time-frames available depend on legislative rules regarding that data-set).

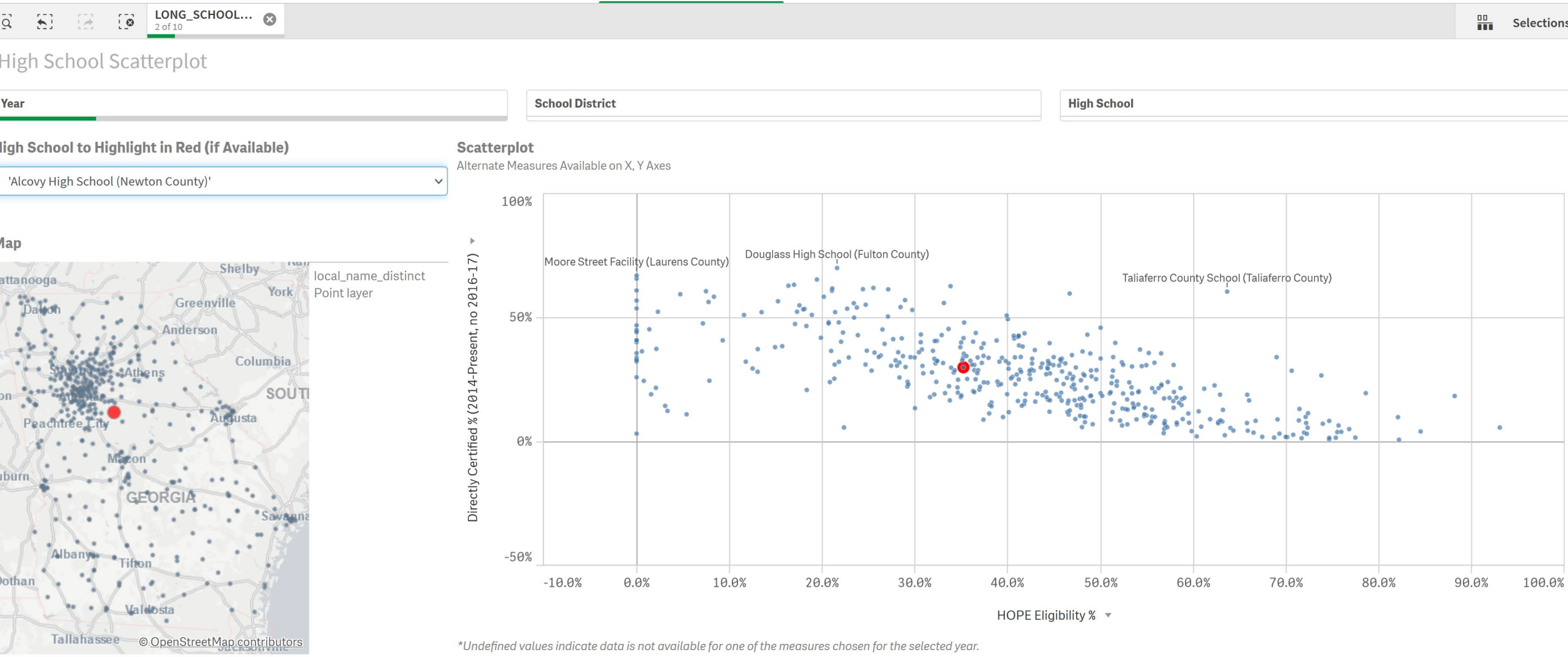
Requests for data from 2009-2010 and earlier can be made using the GOSA [Data Request Form](#).

For questions regarding data files, contact [Jayashree Krishnan](#), with [GA•AWARDS](#).

If you would like to receive an email when GOSA updates any of our data, you can [request to be added to our notification list](#).

The Governor's Office of Student Achievement invites you to browse through the entire list of available downloadable data. (Retired data collections are at the bottom of this listing)

High School Data App: Public High School Data



Contact Information

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INFORM. INSPIRE. INNOVATE.



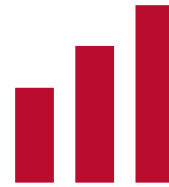
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COMMUNITY BRANDING

GEOGRAPHIC INFORMATION SYSTEMS (GIS)



DOWNTOWN
DEVELOPMENT



DATA ANALYTICS
& VISUALIZATION



CVIOG
DAWG
PROUD

FINANCE COURSES • GOVERNMENTAL PROFESSIONALS CERTIFICATION



STATE & LOCAL GOVERNMENT SERVICES

STRATEGIC PLANNING

SURVEY RESEARCH & EVALUATION



SCHOOL
LEADERSHIP



ONLINE COURSES • LEADERSHIP DEVELOPMENT • ECONOMIC DEVELOPMENT TRAINING

CUSTOM
APPLICATION
DEVELOPMENT



WORKFORCE DEVELOPMENT



#CVIOG IGOV



PLANNING RETREATS AND CUSTOMIZED FACILITATION