### Going from Data to Insights: Lessons from Higher Education

Angie Bell, Vice Chancellor, Research and Policy Analysis, University System of GeorgiaJaya Krishnan, Chief Data and Analytics Strategist, Governor's Office of Student AchievementAlice Zimmerman, Director of Business Intelligence, Technical College System of Georgia





# University System of Georgia: Analytics to Add and Show Value

Angela Bell, Ph.D.
Vice Chancellor for Research and Policy Analysis

### What is USG?

- System of 26 public
   4-year colleges and universities
- Governed by Board of Regents
- 334,459 students



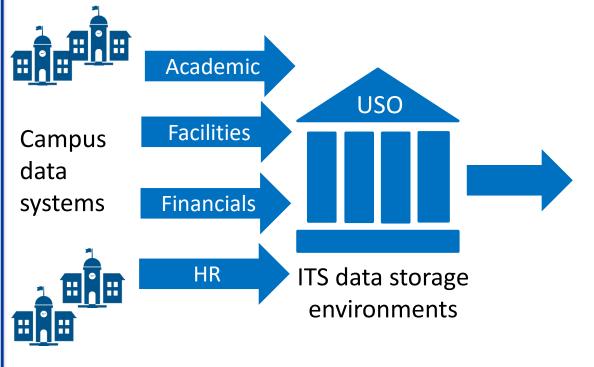


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# Research and Policy Analysis



- Reports
- Data
   submissions
- Analysis and research
- Analytic tools

# **USG Analytics Trajectory**

- Data Visualization Portal to elevate system office and campus analytic capacity
- Public facing tools to show value of USG
- Comprehensive Dashboard Project to drive improvement



### **USG Data Visualization Portal**

- Efficiency, consistency, equity in analytics to drive fulfilling mission
- Add value through integrating data sources to show:
  - Trends
  - Transitions

- Comparisons
- The whole



### **USG Data Visualization Portal**







CCG Degrees Awarded



CCG Enrollment





CCG Retention



UNIVERSITY SYSTEM OF GEORGIA

Fall Enrollment by Academic Program ...







Georgia High Schools



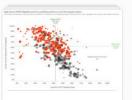
**IPEDS** Degrees Awarded Dashboard ...



Names



USG First Time Freshmen



USG Market Share 2.0

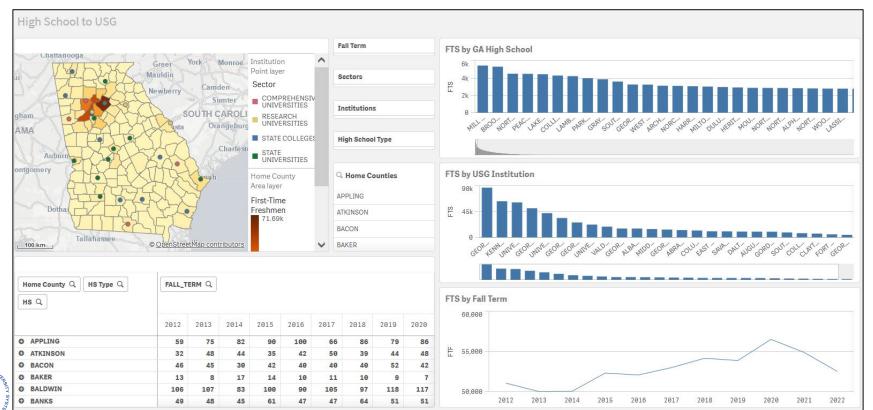


USG Student Pathways



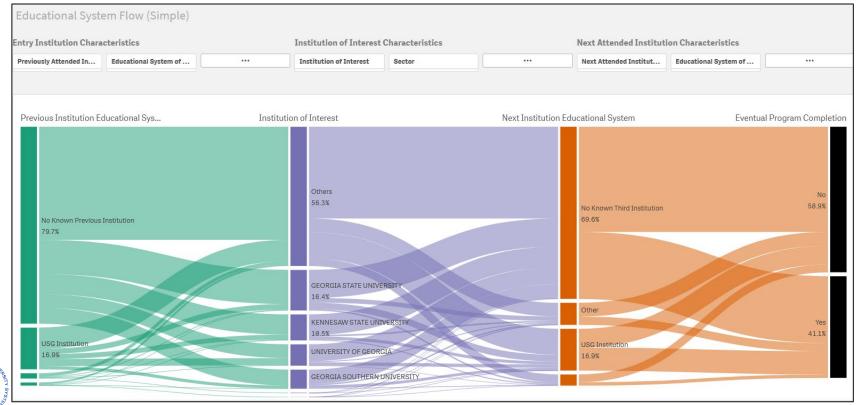


### Freshmen High School to USG Big Picture



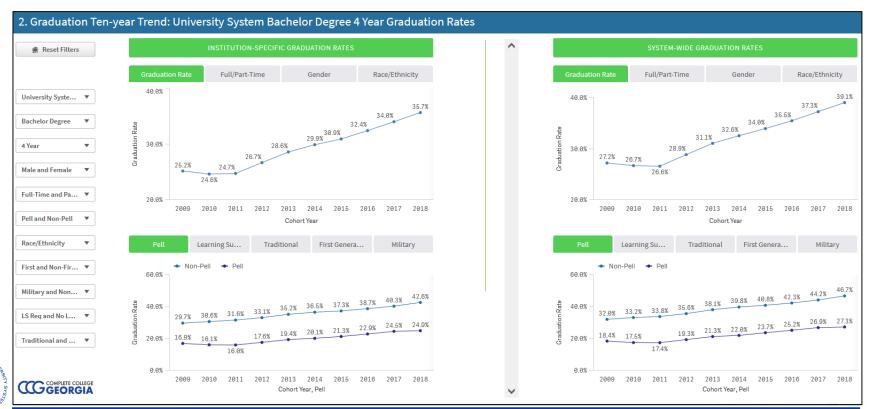


# Transfer Origins, Destinations, and Success



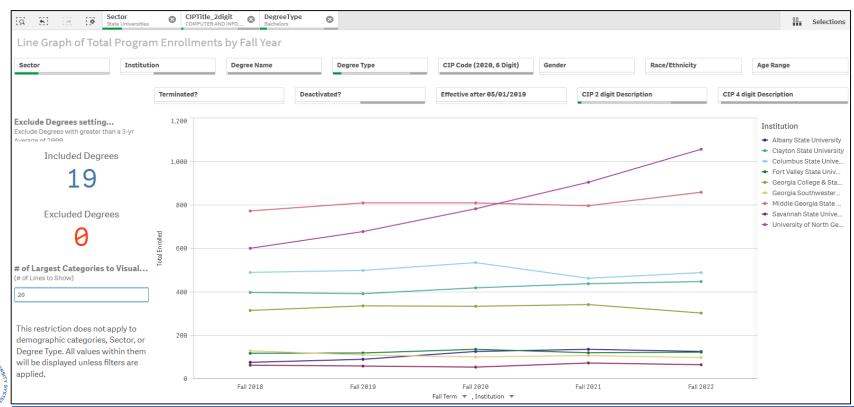


### Wholistic View of Student Success



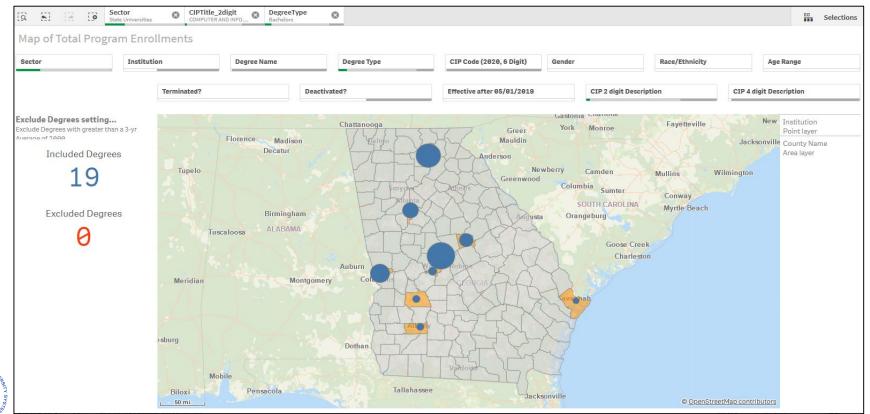


# **Academic Program Analysis**



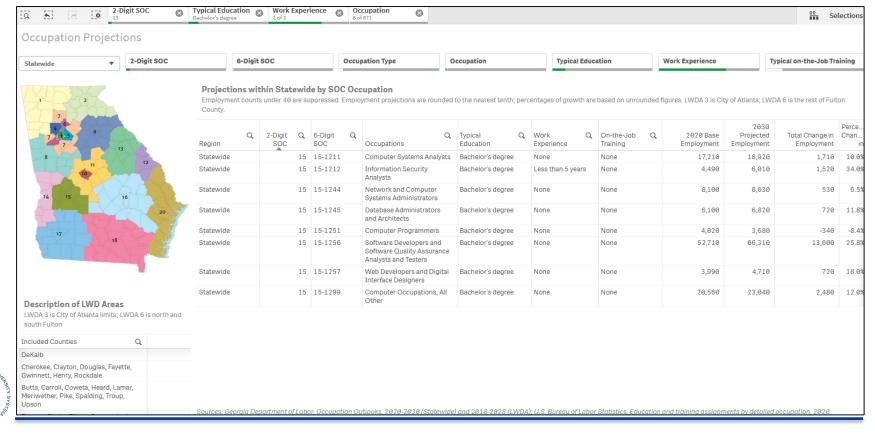


# Adequacy and Geographic Access





### **Accessible Labor Market Demand Data**







### Visualization Portal Lessons Learned

- Portal allows uncensored data for deep dives
- Best usage if integrated (required) in business processes
- Licensing and demand over time

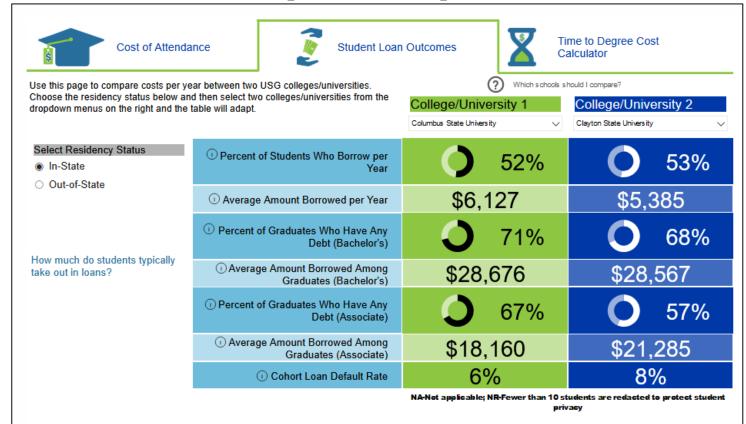


### Transition to Public Facing Tools





### **User Friendly Comparison Tools**





# Your Future Earnings: Employment Outcomes Goes Public



### **Earnings After Graduation**

View earnings ranges for different academic programs at a select institution 1, 5 or 10 years after graduation.







### Compare Between Majors

Compare earnings ranges across several academic programs at selected institution and degree level.







### Compare Between Schools

Compare earnings ranges across USG colleges and universities for selected degree level and academic program.







### Range of Earnings by Academic Area

Earnings range associated with broad academic areas 1, 5 or 10 years after graduation at selected institution and degree level.







### Loan Debt at Graduation

View the distribution of debt at graduation at USG colleges and universities for selected degree level and academic area.





### Compare Earnings & Loan Payments

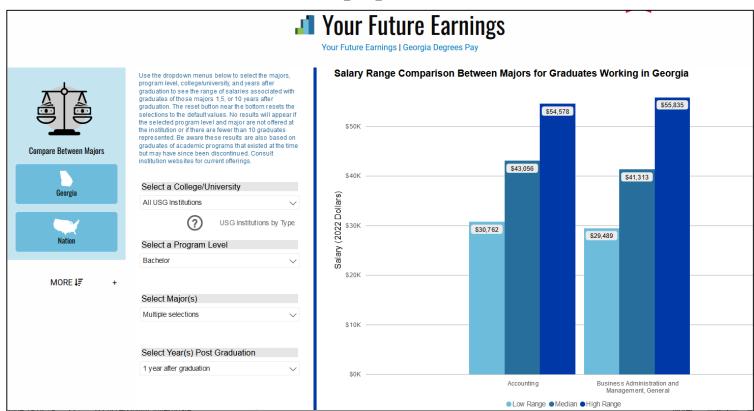
Compare monthly earnings and likely loan payments for graduates of selected degree level and academic area.





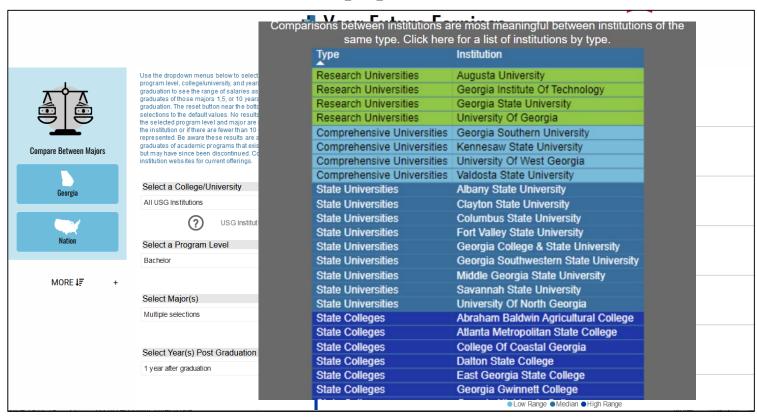


## Streamlined, Supported Selections





### Streamlined, Supported Selections





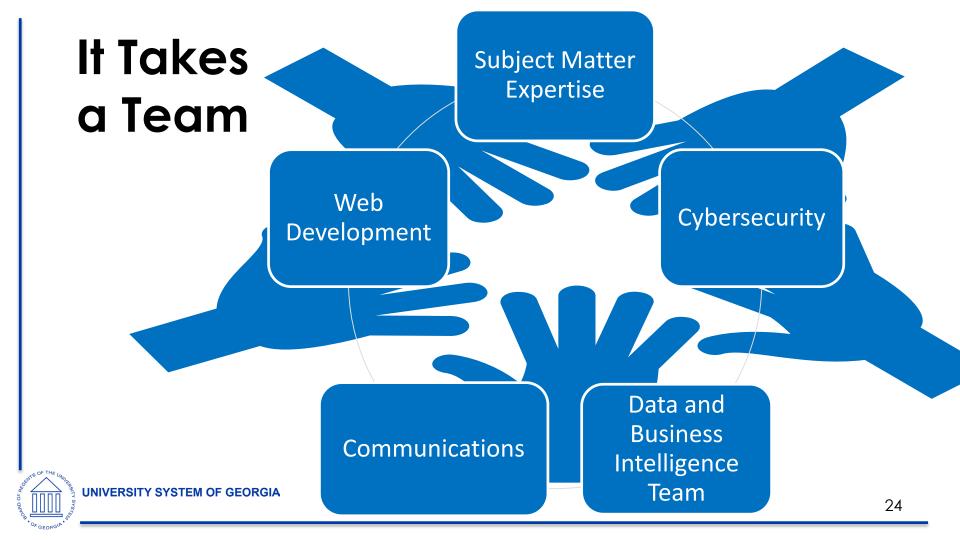
## Streamlined, Supported Selections





### Lessons for Public-Facing Tools

- Understand Audience
- Streamline number of choices
- Protect privacy
- Adhere to branding standards
- Attend to accessibility
- Develop data management processes
- Socialize



### **Current Focus**

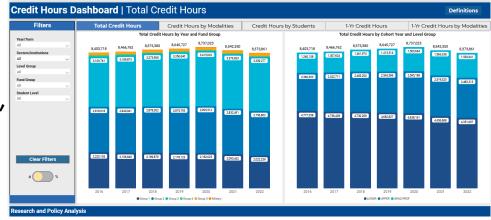
Comprehensive dashboard strategy:

- For monitoring operations and strategic KPIs,

transparency

Supporting data
 gov., management,
 org. structure

- Move to cloud
- More real-time data





### Contact

Angela Bell angela.bell@usg.edu

