USG Graduate Outcomes Application

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Presentation Contents

• Background Information & Similar Tools
• Data and Methods
• Sheets Within the App
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• Questions, Comments, and Feedback
New insights into USG graduate outcomes

What salary are USG graduates earning in Georgia 1, 3, and 5 years after graduating?

In what industries are USG graduates working 1, 3, and 5 years after graduation?

How many USG graduates re-enroll later on?
New insights into USG graduate outcomes

Academic Program Development and Review
See relationships between academic programs and industries

Accreditation Review
Analyze data by institution and academic program
Degrees lead to working in a wide variety of industries

25 major industry groupings (NAICS two-digit codes)
What’s a NAICS code?

A NAICS (pronounced NAKES) Code is a classification within the North American Industry Classification System. The NAICS System was developed for use by Federal Statistical Agencies for the collection, analysis and publication of statistical data related to the US Economy.
So it’s not the same as a job code?

The code classifies only the industry in which you work, which is not necessarily representative of job you are performing.

For example, a person who works for Home Depot as a data analyst doing dashboarding work similar to the data scientist presenting today will be classified as working in wholesale trade.
# Industry Codes

<table>
<thead>
<tr>
<th>Digits</th>
<th>Aggregation Level</th>
<th>Example</th>
<th>Example Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Sector</td>
<td>42</td>
<td>Wholesale Trade</td>
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<tr>
<td>3</td>
<td>Industry Group</td>
<td>423</td>
<td>Merchant Wholesalers, Durable Goods</td>
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<td>6</td>
<td>Industry</td>
<td>423220</td>
<td>Home Furnishing Merchant Wholesalers</td>
</tr>
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Similar Tools and Dashboards

US Census: Post-Secondary Employment Outcomes
GOSA: Georgia Higher Learning and Earnings
US Department of Education: College Scorecard
Similar Tools and Data Exclusions

- 2-digit CIP
- 3-digit NAICS
- 3-year cohorts
- Employment and salary 1, 5 and 10 years after degree earned

Source US Census Bureau: https://lehd.ces.census.gov/data/pseo_explorer.html?type=flows&specificity=2&state=08&institution=00137000&degreelevel=05&gradcohort=0000-3&filter=1&program=52&destination=industry&display=count
Similar Tools and Data Exclusions

Source: US Census Bureau: https://lehd.ces.census.gov/data/pseo_explorer.html?type=flows&specificity=2&state=08&institution=00137000&degreelevel=05&gradcohort=0000-3&filter=1&program=52&destination=industry&display=count
Similar Tools and Data Exclusions

Search by:

- Degree type
- Program of study (2-digit CIP)
- USG and TCSG institutions

Source GOSA: https://learnearn.gosa.ga.gov/noauth/extensions/ghle_earnings/ghle_earnings.html
More detail available in the USG Graduate Outcomes Qlik App

• Analyze outcomes by 6-digit CIP and NAICS code descriptions
• Salaries reflect highest and latest degree earned only
• Compare outcomes by USG sector
• Turn on or off part-time employment and inflation adjustment
• 3-year cohort comparisons
• All USG graduates included regardless of aid status
Common Questions About Graduates

• In what industry do students work after graduating?
• How much money are those graduates making?
• How many of those students re-enroll later?
Data and Methods

Sources and background information
• GOSA supports accountability and transparency through strategic data use and collaboration with education stakeholders to advance student success

• GA•AWARDS or Georgia’s Academic and Workforce Analysis and Research Data System is the state’s Pre-K through workforce longitudinal data system
Data Sources: GA•AWARDS, IPEDS, Census

**USG Graduates 2007-2020**
Graduating Institution
CIP Code
Description
USG Re-enrollment
GA•AWARDS

**In-State Employment**
NAICS Code(s)
Salary(s)
GA•AWARDS

**NAICS Code and descriptions from Census**

**CIP Codes and descriptions from NCES**

**Consumer Price Index (CPI) from Census**
Where do USG graduates go?

USG Graduates
Graduating Institution
CIP Code
Program description

In-State Employment
NAICS Code(s)
Salary(s)

In-State Employment and Re-enrollment
NAICS Code(s) & Salary(s)

Re-enrollment and Subsequent Graduation Info

Unknown
No Data available
This is not the whole picture

The wage data ONLY includes information about graduates who work in Georgia for employers that provide wage data to the Georgia Department of Labor. We CANNOT make inferences about graduates who

• Working for the federal government, the military, or as an independent contractor

• Working outside of Georgia

• No possible data match with department of labor records

• Are unemployed

From Café Racer in Crawford, GA. Highly recommended.
Timeline: 1, 3, and 5 Years Post Graduation

- Graduation Semester
  - Example: Graduated May or December 2008

- 1 Year Post Graduation
  - 2009
  - First full year following graduating year

- 3 Years Post Graduation
  - 2011
  - First full year three years after graduating

- 5 Years Post Graduation
  - 2013
  - First full year five years after graduating
What if a student earns more than one degree?

Students earn degrees and jobs; this app tracks flows at the degrees and industry level

So multiple degrees and/or jobs will be reported twice if they happen simultaneously within the observable period

Look for KPIs, like the ones on the left to help keep track of counts
What about graduates that earn a subsequent degree?

Bachelor’s Degree Observation

- Graduation Semester
  - Example: Graduated 2009
- Bachelor’s degree

1 Year Post Graduation
- 2010
- Working full time

3 Years Post Graduation
- 2012
- Working part time
- Enrolled at USG

Earned a Master’s in 2013

5 Years Post Graduation
- 2015
- Master’s degree is a separate observation

Graduated 2013
Separate Observation

Master’s Degree Observation

Graduation Semester
Example: Graduated 2013 Master’s degree

1 Year Post Graduation
2014 Working full time

3 Years Post Graduation
2016 Working full time

5 Years Post Graduation
2018 Working full time
Sheets within the App

Where to look for answers to some common questions within the tool
Where can I find more background information?
In what industry do students work after graduating?
I need a little more detailed information
How much money are those graduates making?
How many of those graduates re-enroll later?
What if I love tables?
Qlik Demo

The fun stuff!
Where do I go to use the tool?

Use your email ID to login here:
https://dataviz.usg.edu/login
Where do I go to use the tool?

Look for this Icon
Where can I find a link to these slides or a video of this?
Future Enhancements

• Summer 2022:
  • Public facing tool

• Fall 2022
  • Census partnership
    • national level data

• In development
  • Financial aid data
Questions?

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