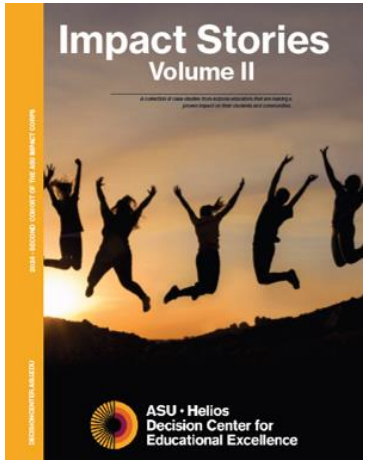
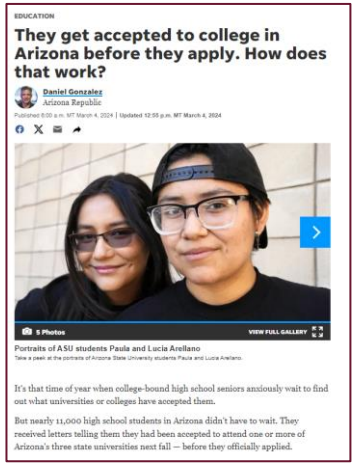
ASU · Helios
Decision Center for
Educational Excellence

Joe O’Reilly
DecisionCenter.asu.edu
joseph.oreilly@asu.edu

ASU · Helios Decision Center for Educational Excellence

- **Our focus is education from Pre-K through employment**
- **We use data for**:
  - **Impact Projects**
    - Identifying teachers and systems whose students excel at the university
    - Accepting qualified students to the state universities before they apply
  - **Visualizations of data to inform decisionmakers**
    - Communities setting HS graduation and college going goals
    - Giving HSs feedback on how grads did in college – including grades by subject, degrees and certificates earned.
    - Giving middle schools feedback on how their students progress through high school and into college
    - Workforce trends and education outcomes & student preparedness for job opportunities




EDUCATION

They get accepted to college in Arizona before they apply. How does that work?

Daniel Gonzalez
Arizona Republic

5 Photos VIEW FULL GALLERY

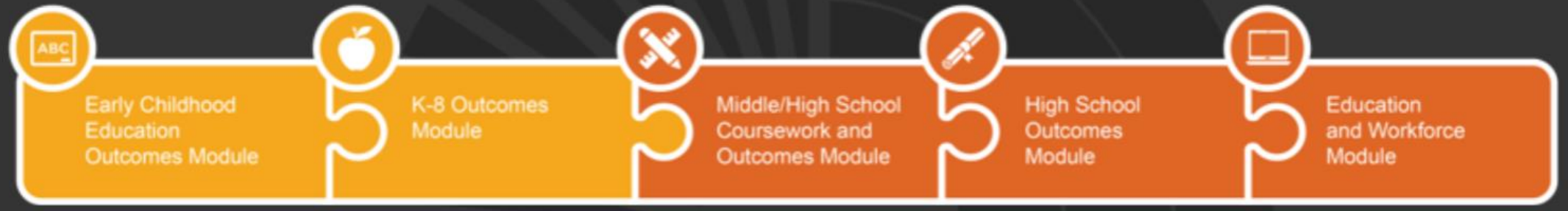
Portraits of ASU students Paula and Lucia Arellano

It's that time of year when college-bound high school seniors anxiously wait to find out what universities or colleges have accepted them.

But nearly 11,000 high school students in Arizona didn't have to wait. They received letters telling them they had been accepted to attend one or more of Arizona's three state universities next fall — before they officially applied.

- **Today we will focus on the automation data from the workforce visualization**
- Go to *decisioncenter.asu.edu* for more information

Our Projects Connect The Dots From Pre-K THROUGH Employment



Early Childhood

Elementary

ViSTA

Math Course Taking

State of AZ Students

COVID Impact

HS Outcomes

Performance in College

Impact of Rigorous Courses

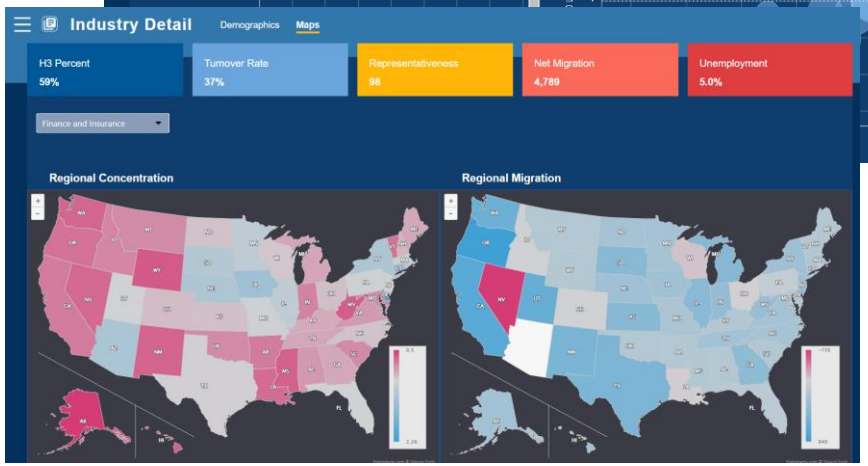
Workforce

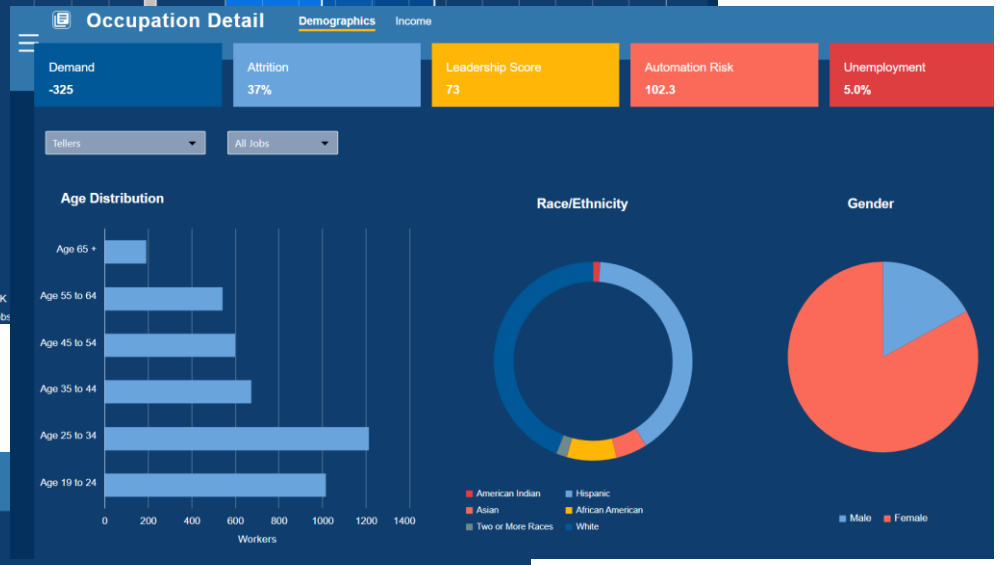
Billions To Gain

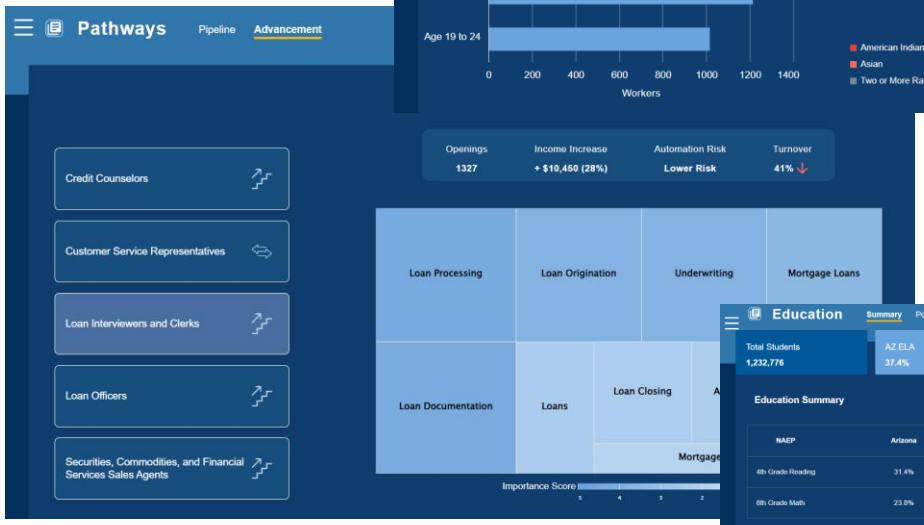
Earnings By Degree

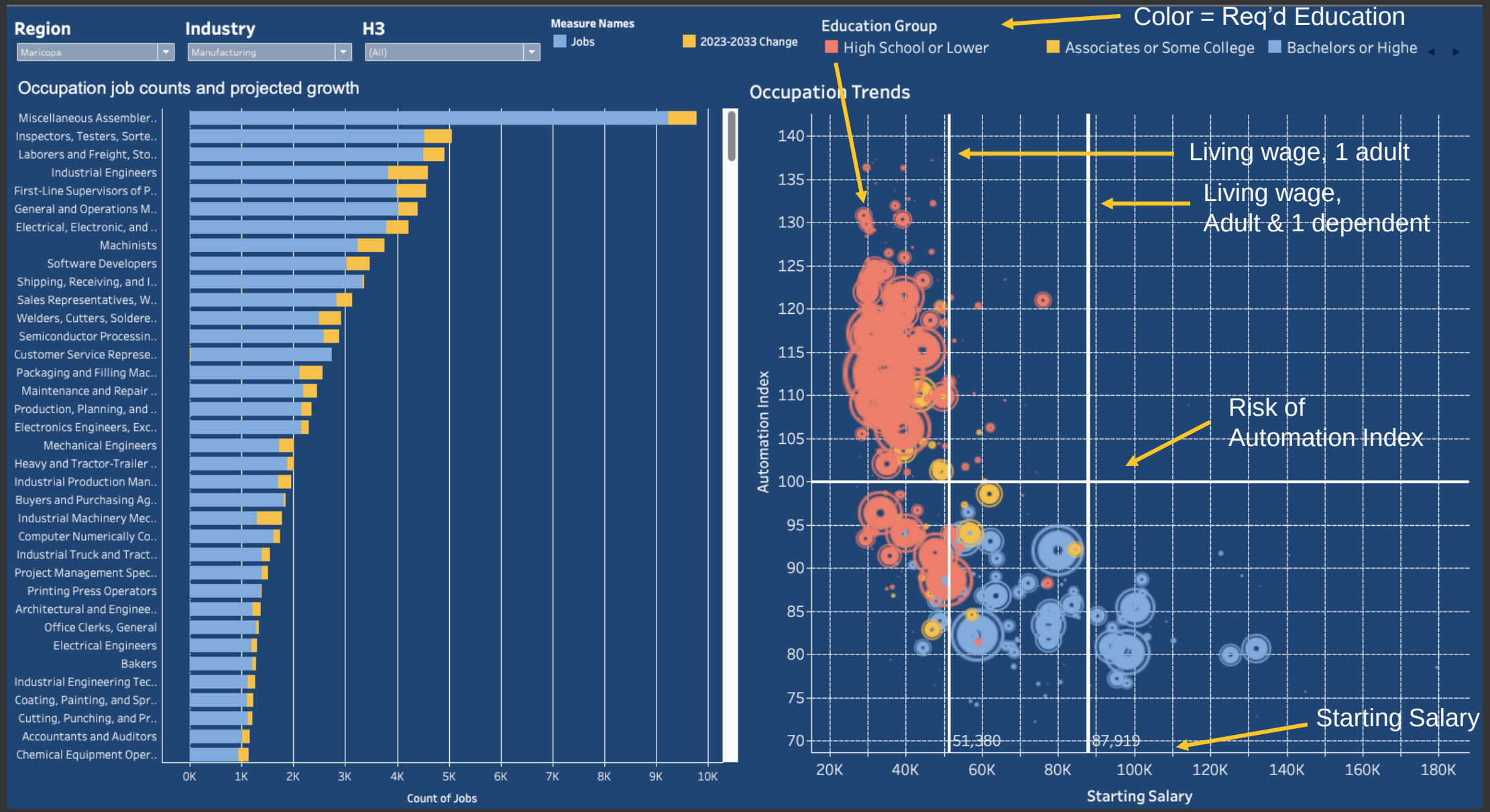
ASU · Helios Decision Center for Educational Excellence

Workforce and Education Visualization



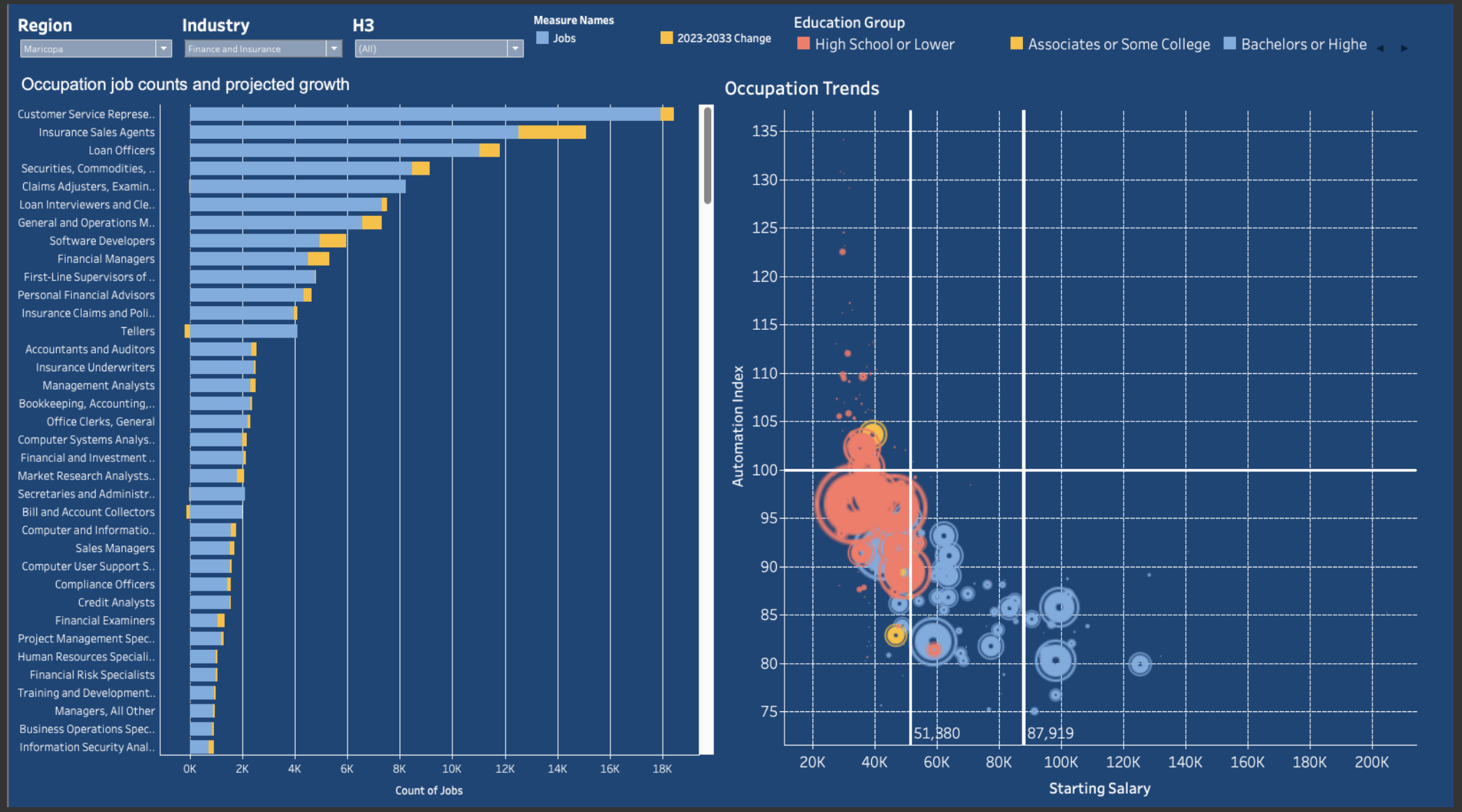




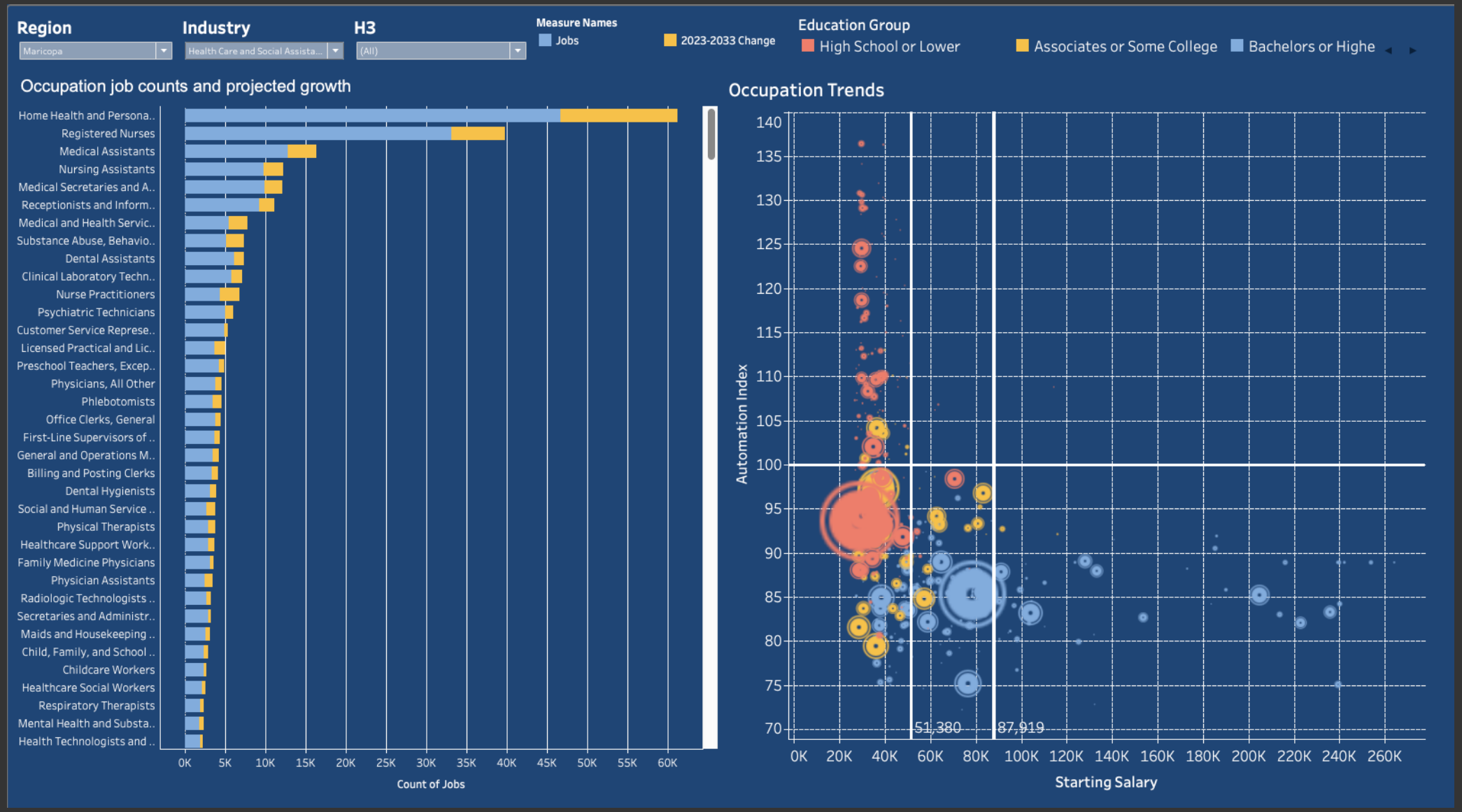


How To Read This Graphic

Finance Sector Employment & Projected Growth



Health Care Employment & Projected Growth

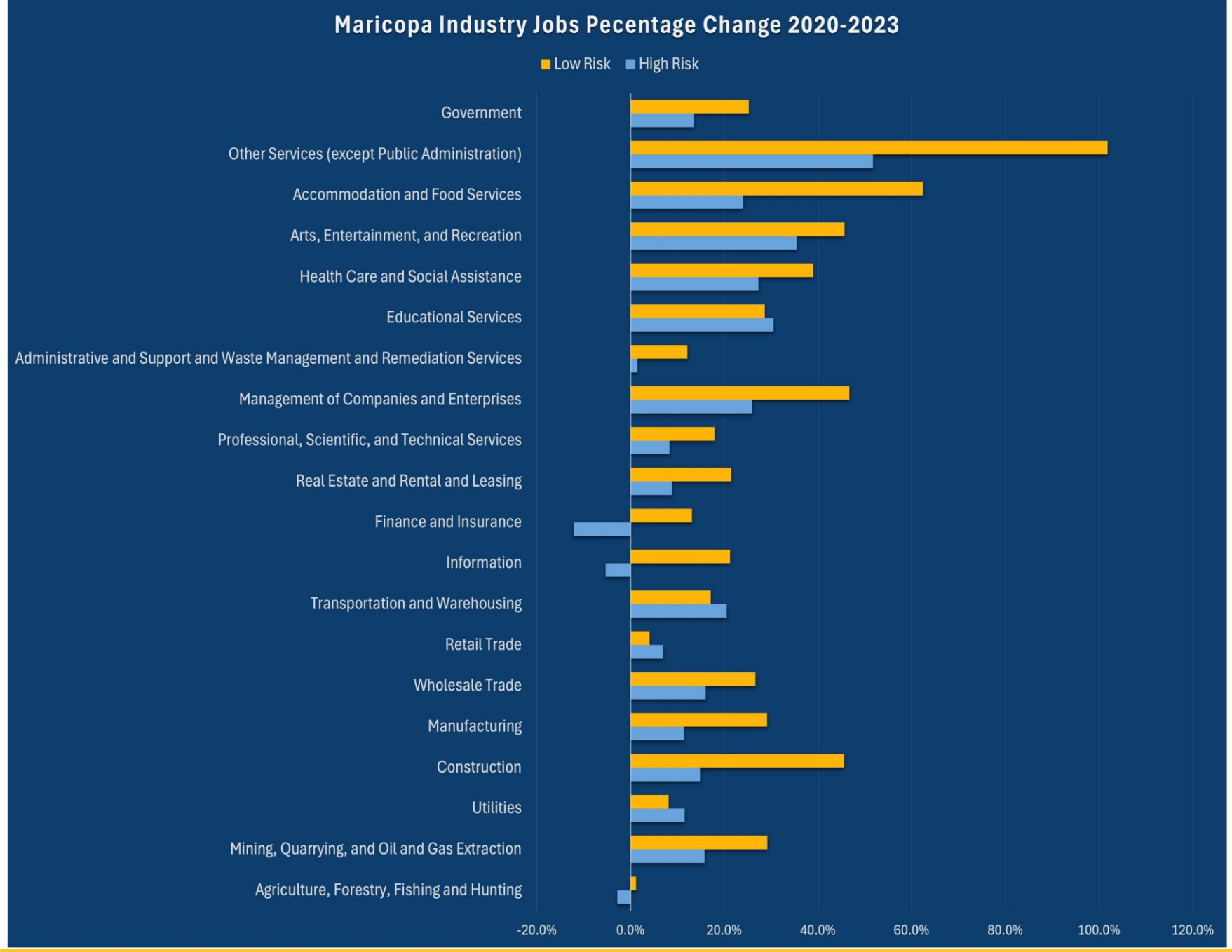


Change In Automation Risk 2020-2023

Jobs that were at low risk of automation (gold bar) in 2020 are growing.

Jobs at high risk of automation (blue bar) are growing slower or even declining (in Finance, Information and Agriculture sectors).

This short term trend is projected to be a long term pattern, driven by technology, AI and population declines.



ASU · Helios
Decision Center for
Educational Excellence

DecisionCenter.asu.edu
joseph.oreilly@asu.edu