



*Leveraging Visual Data and Community to
Tackle Educational Challenges.*



Panelists:

- Thea Andrade, Chief Achievement Officer, Phoenix Union High School District.
- Joe O'Reilly, Director of Decision Center for Educational Excellence Powered by Helios Education Foundation, Arizona State University.
- Janice Palmer, Vice President and Director of Policy, Helios Education Foundation.

Moderator:

- Dr. Paul Perrault, Vice President of Research and Evaluation, Helios Education Foundation.

Decision Center for Educational Excellence

Powered by Helios Education Foundation



Arizona Impact

ASU, Helios all-in on improving Arizona's education system

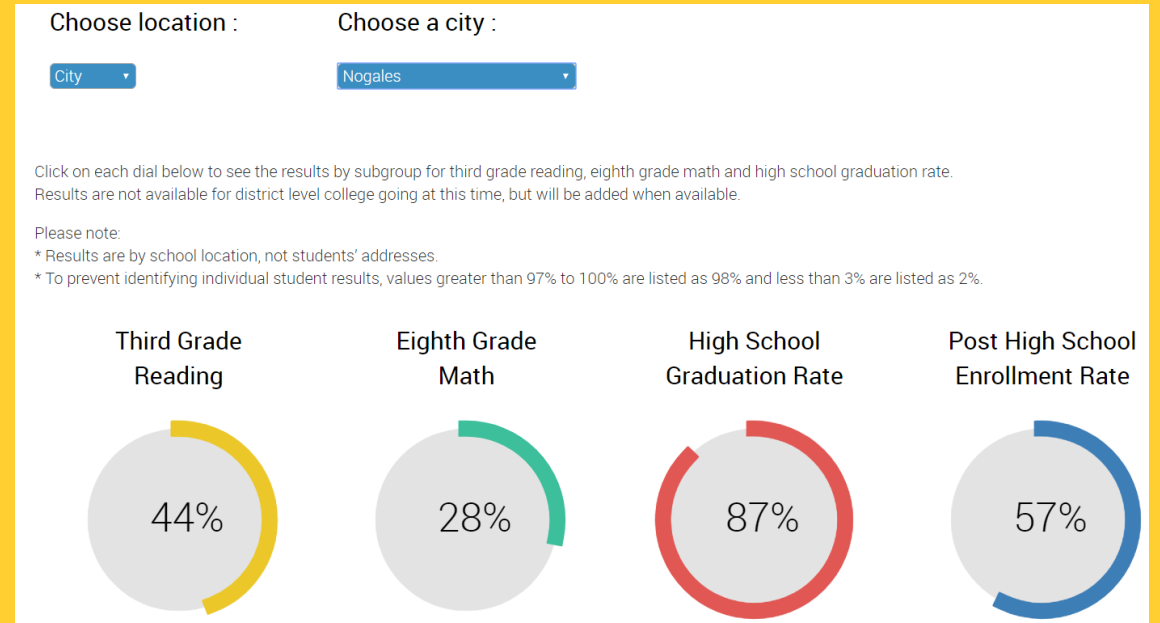
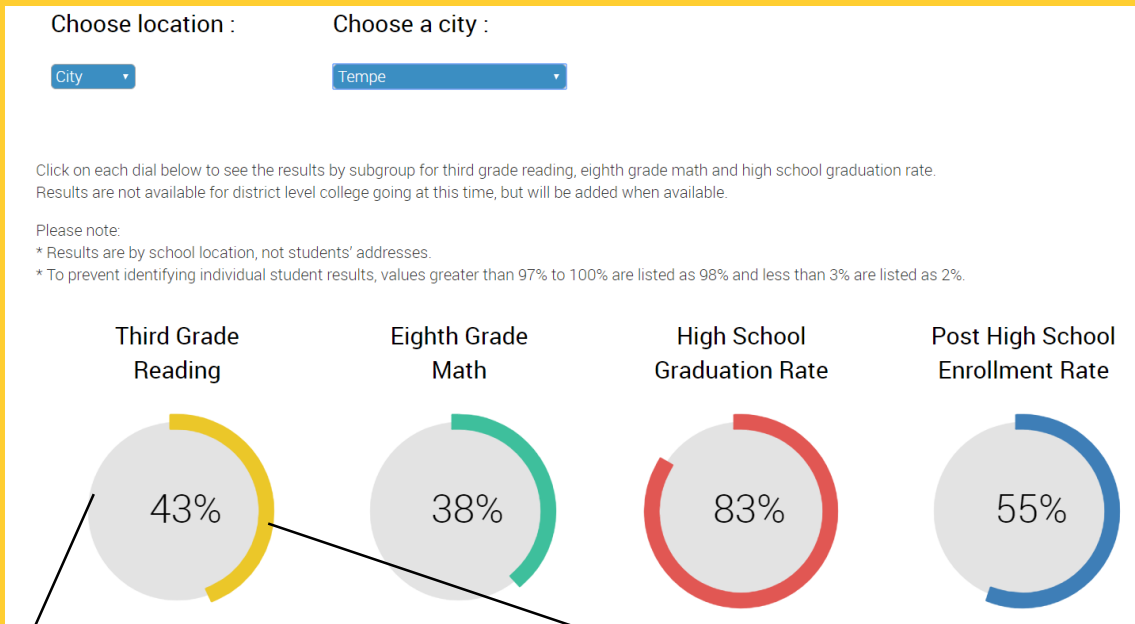
**I WILL KNOW IT IS A SUCCESS
WHEN OUR METRICS INCREASE 10%, 20%, 30%.
AND NOT JUST ON AVERAGE, BUT FOR EVERYONE!**

A photograph of several young students in a classroom. In the foreground, a young boy with a bright smile looks towards the camera. Behind him, other students are blurred, some looking down at their work. A yellow horizontal bar is positioned below the text box.

Arizona Education Progress Meter

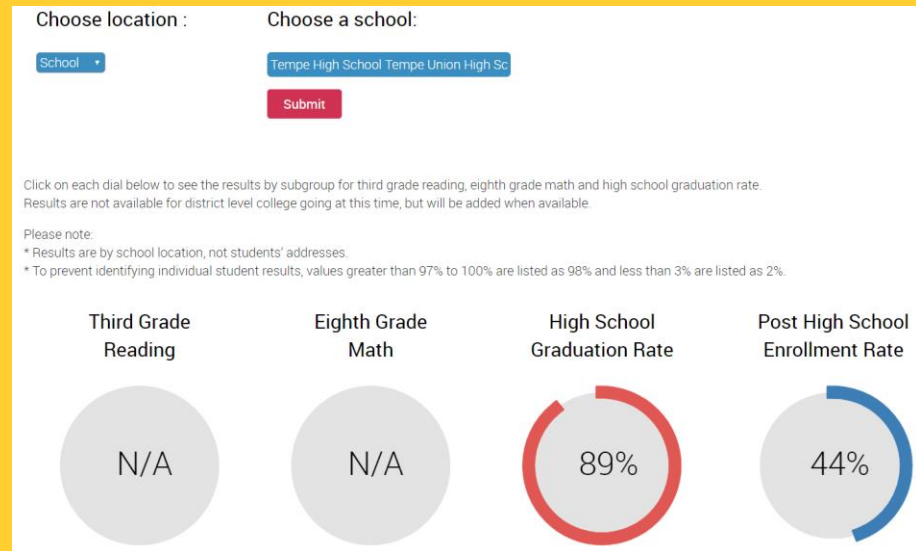
**Developing Tools To Spur
Discussion & Improvement**

[HTTPS://DECISIONCENTER.ASU.EDU/TOOLS/PROGRESS-METER](https://decisioncenter.asu.edu/tools/progress-meter)



Results by subgroup city of Tempe and Category : Third Grade Reading

Sub-category	Percentage	Sub-category	Percentage
Economically Disadvantaged	31%	Limited English Proficient	1%
Students with Disabilities	8%	White	64%
Hispanic/Latino	37%	Black	26%
Native American/ Alaskan Native	4%	Asian	N/A
Other	64%		





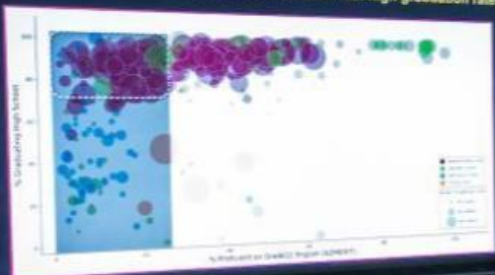
Decision Theater Network™

ARIZONA STATE UNIVERSITY



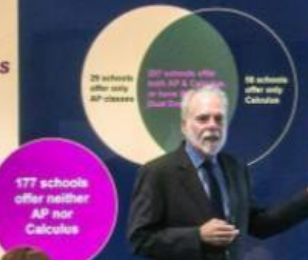
Academic Achievement & Graduation

Some schools have low academic achievement but high graduation rates



Some Don't Have Access To Advanced Courses

- 294 schools offer AP, Calculus, IB, and/or Dual Enrollment
- 177 schools offer neither
 - 87 are alternative schools
 - 89 are not alternative and...
 - 81 have 60%+ non-reduced lunch
 - 88 do not have boundaries, of which 87 are charter
 - 72 are small (500 or fewer students)
 - 48 are urban, 32 are non-urban



FAFSA Completion

For every 10 percentage point increase in school FAFSA completion, there is a 2.2 percentage point increase in college going



Decision Theater & the High School Outcome Tool



Personalize Your Exploration

☰ Selection Criteria

HeliOS Education Foundation ASU Arizona State University

2016 2017

School Characteristics

- Location Type
- School Special Programs
- School Lunch
- School Type
- Student Ethnicity

Community Characteristics

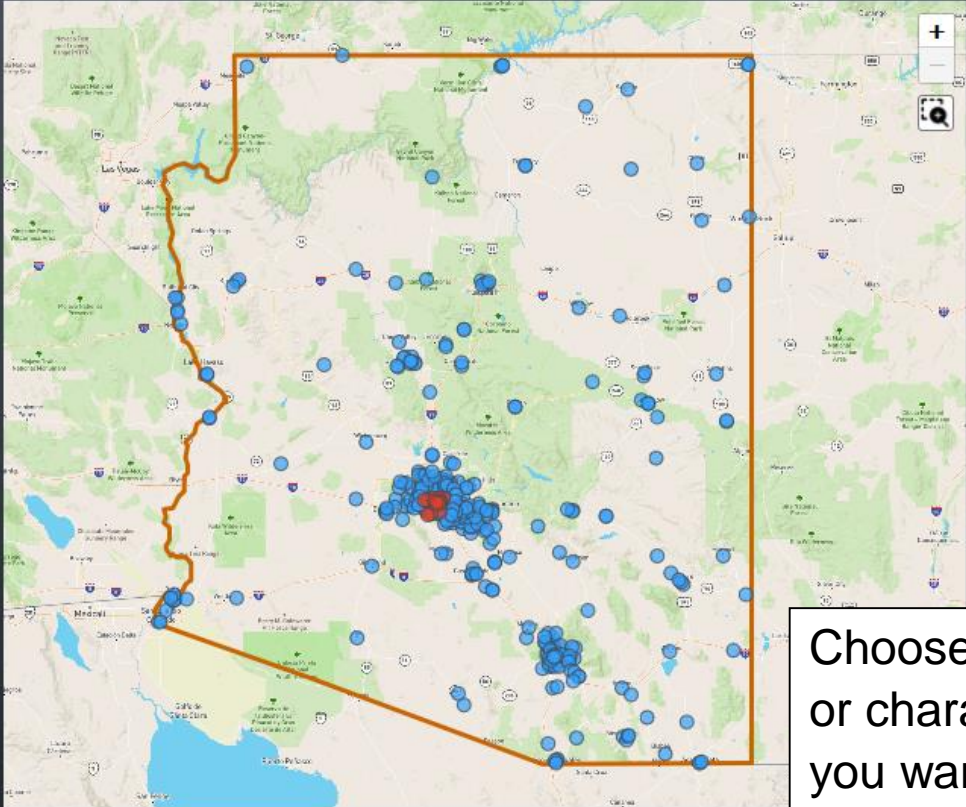
- Educational Attainment
- Environmental Health
- Median Household Earnings
- Population Demographics
- Unemployment

Location Type

- City
- Suburb
- Town
- Rural

Search school, district, or region

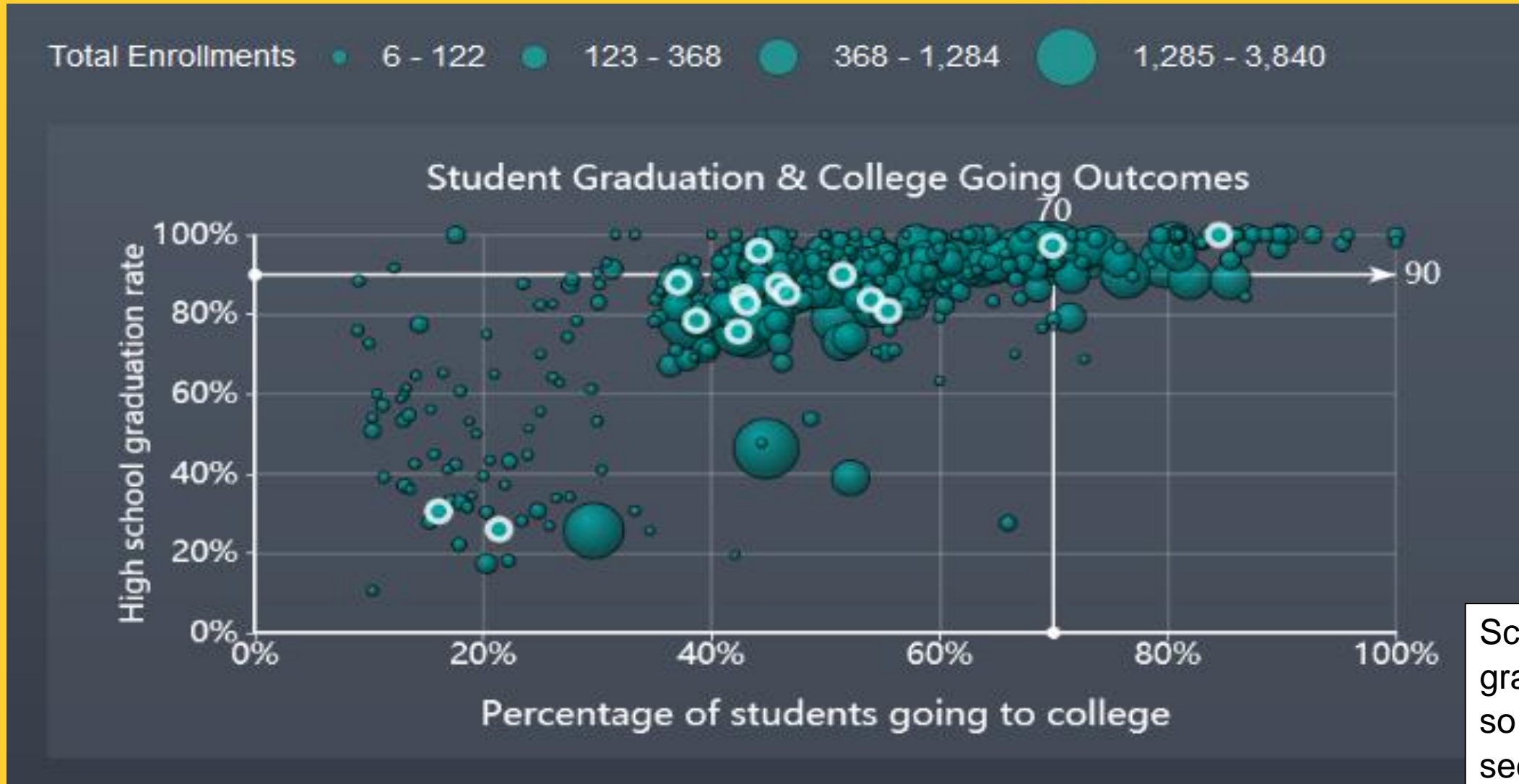
All Schools Selected Schools



district1 - Phoenix Union High School District Reset Filters

Choose the area or characteristics you want to highlight.

What High School Outcome Do You Want To Improve – Graduation or College Going?



Schools have high graduation rates, so focus on post-secondary enrollment

Benchmark Your School Against

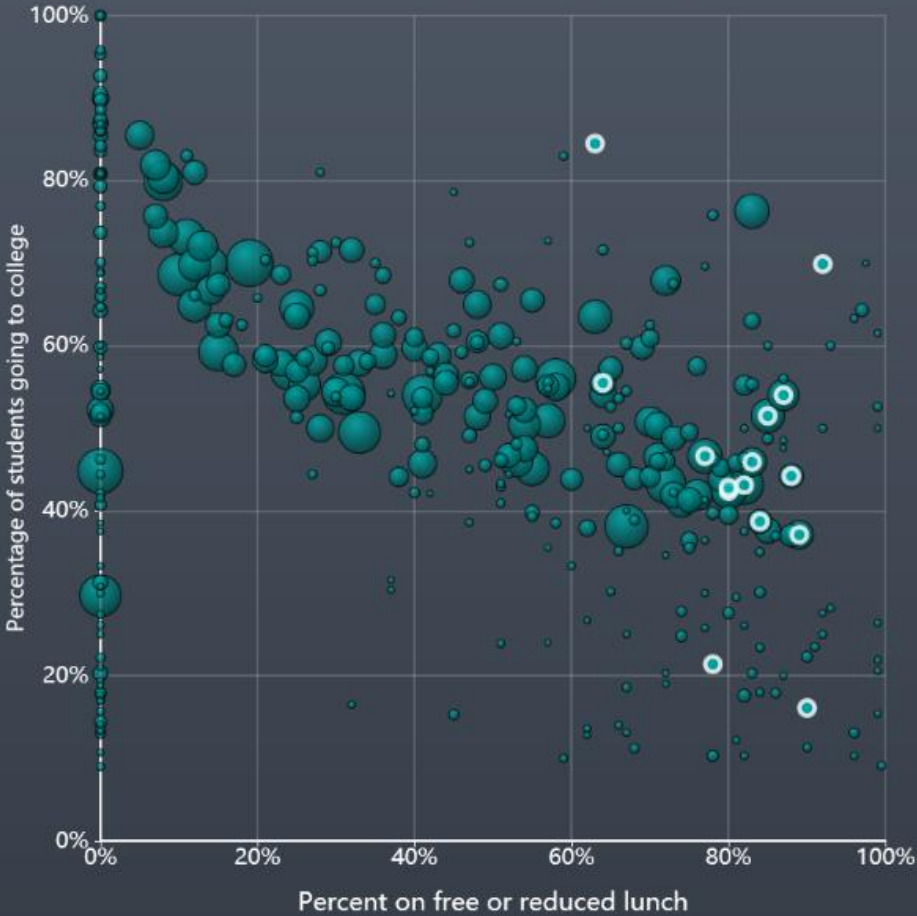


College Going Rate

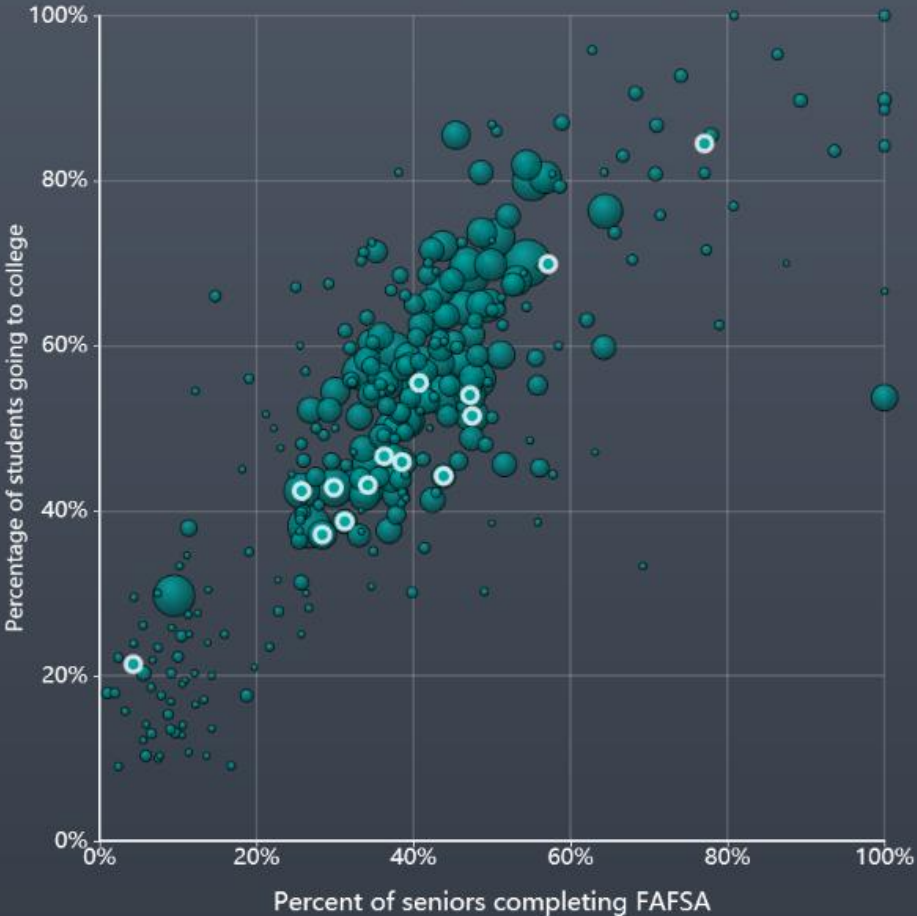


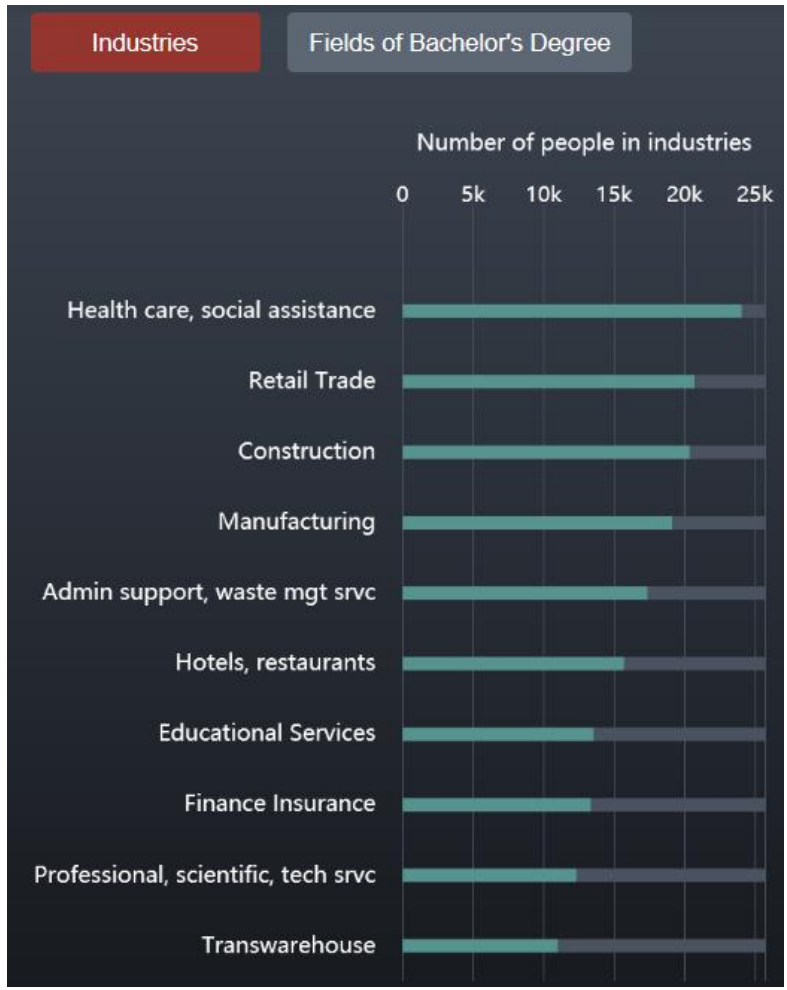
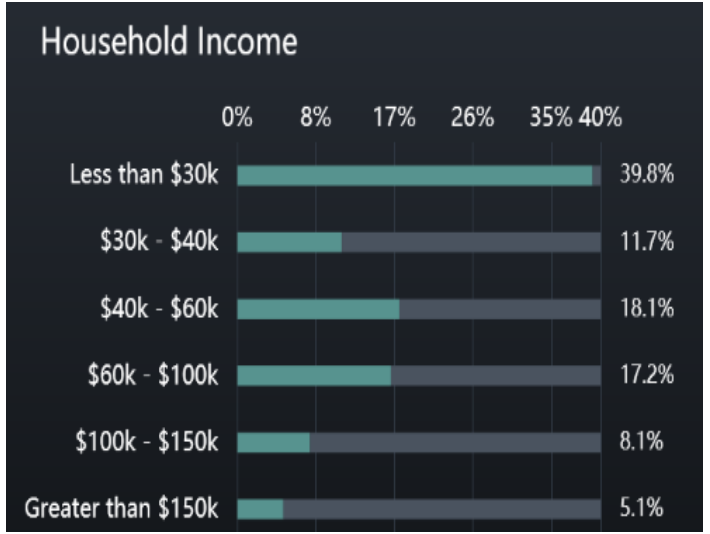
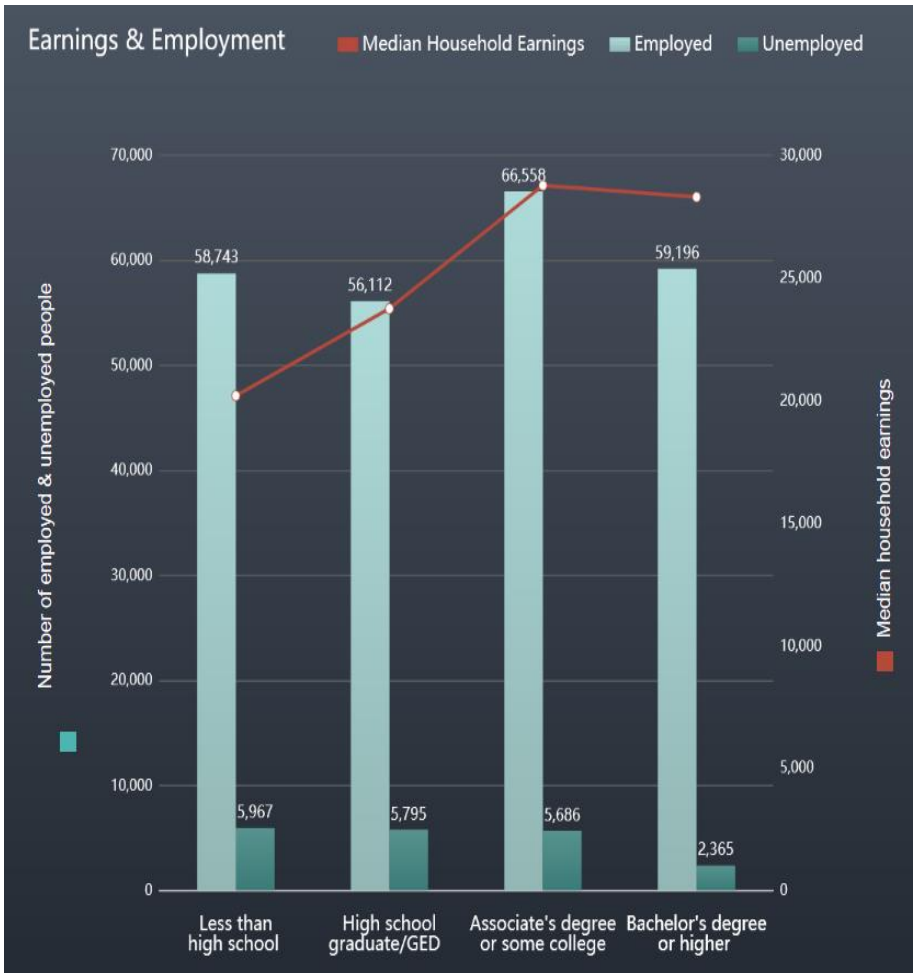
Total Enrollments ● 6 - 122 ● 123 - 368 ● 368 - 1,284 ● 1,285 - 3,840

Poverty and College Going



FAFSA Is A Leading Indicator Of College Going





Community Influences

How Can We Improve?

Interventions



College Going Rate

High School Grad. Rate

 Increase FAFSA Completion

A+  Improve Academic Achievement

 **Research Based Programs: College Going**

Research Based Programs: College Going



Network for College Success: The four key elements of this model are creating professional learning networks for teachers; systematically using data to influence practice; providing coaching and capacity building; and building high-functioning teams.



Talent Search: Provides students with a combination of services to improve academic achievement and increase access to financial aid. Services include test taking and study skills assistance; academic advising; tutoring; career development through career exploration and aptitude assessment; college campus visits; and financial aid application assistance.



Summer Interventions: Provides services in the months between high school graduation and college enrollment such as counseling, supports through text messaging and peer mentoring.



College Level Classes in High School: Dual enrollment courses allow students to take college courses at high school and earn college credits. Concurrent enrollment courses allow students to take college classes on campus and transfer credit back to the high school.

These strategies, as well as other local efforts, can be used together. Implementing one or more of these strategies and other efforts, how much do you think you can improve college going rates over 4 years?



How many more students in the selected schools would enroll in college or post-secondary education of some type

601

Increase in Lifetime Earnings for selected school/area
\$189,662,618

Increase in funding for state/local governments
\$62,281,420

Current college going rate in the state
52.3%

Current college going rate for the selected schools
45.1%

Projected college going rate for the selected schools
55.1%

PHOENIX
PXU
UNION

A District
Perspective



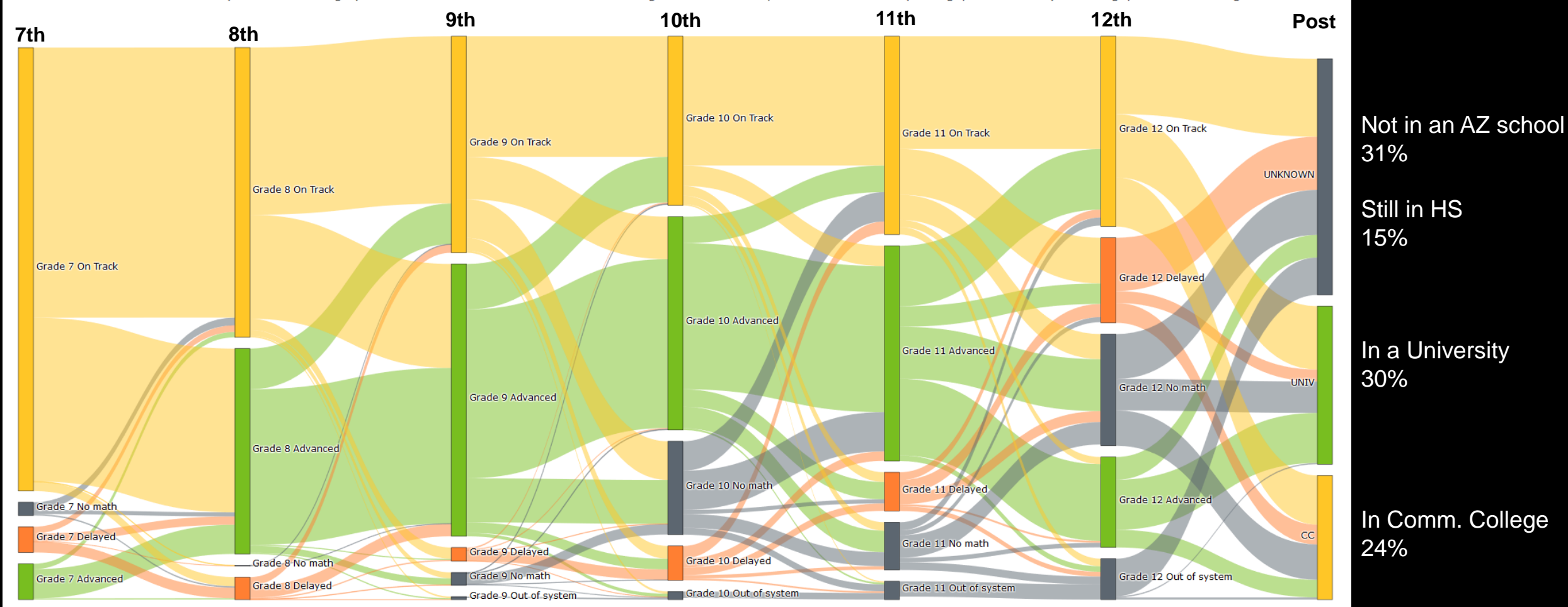
Future Activity

Math Course Taking

- **Track a cohort of students through middle school and high school and into college**
- **Are our highest ability students getting the opportunity to maximize their talents?**

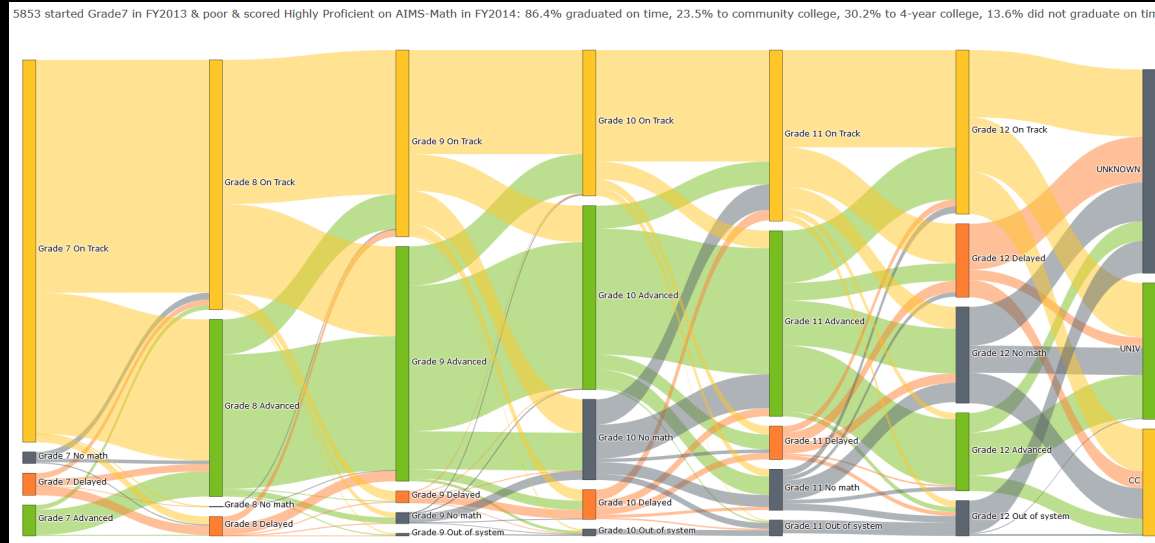
Almost Half of the High Ability Low Income Students Do Not Go To College, 1 in 7 Were Still in High School

5853 started Grade 7 in FY2013 & poor & scored Highly Proficient on AIMS-Math in FY2014: 86.4% graduated on time, 23.5% to community college, 30.2% to 4-year college, 13.6% did not graduate on time



Almost Half of the High Ability Low Income Students Do Not Go To College, 1 in 7 Were Still in High School

Lower Income



Not in an AZ school 31%

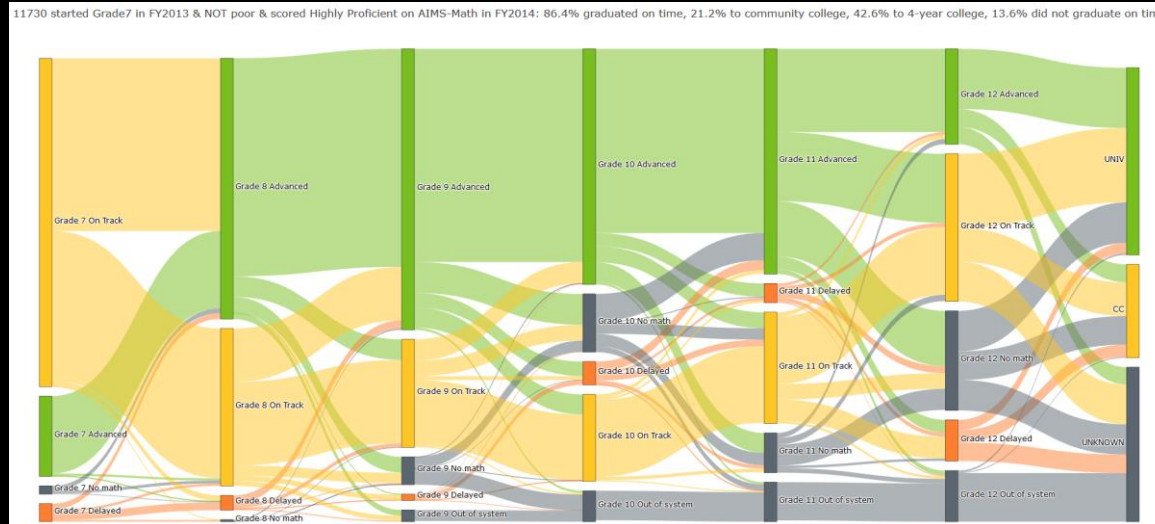
Still in HS 15%

In a University 30%

In Comm. College 24%

54%

Higher Income



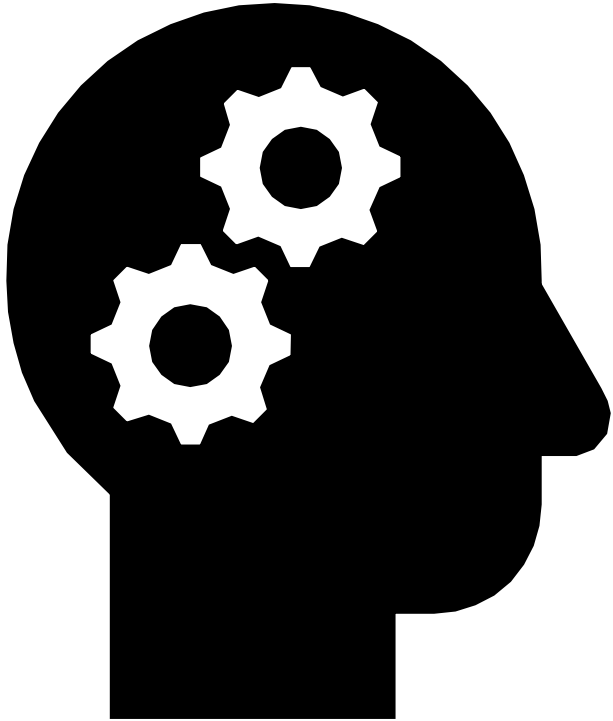
Not in an AZ school 21%

Still in HS 12%

In a University 47%

In Comm. College 20%

67%



**How can we help you
to improve student
outcomes?**

ASU Decision Center
for Educational Excellence

Arizona State University

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