

# Momentum Year Strategies

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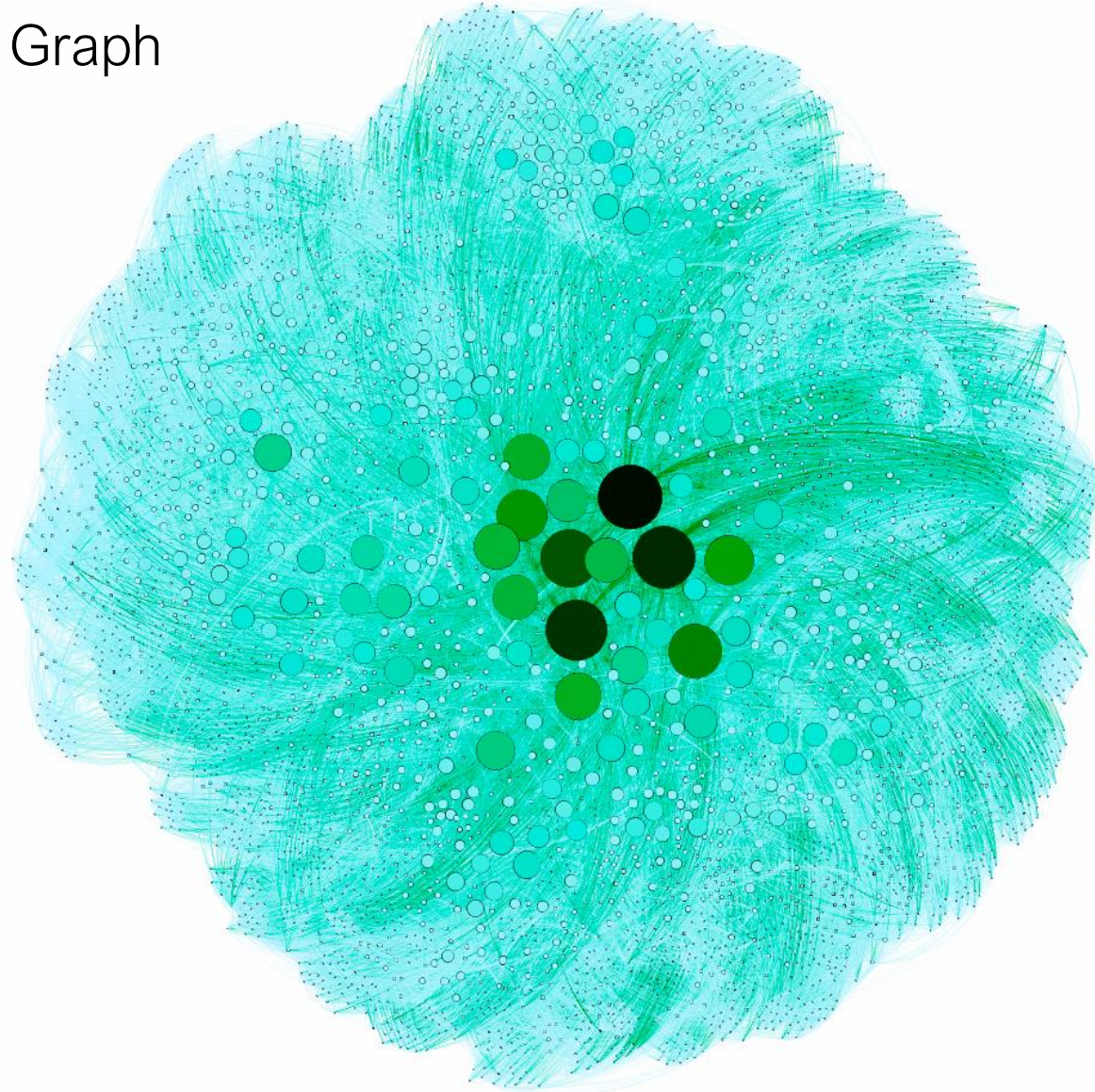
A photograph of a wooden boardwalk path leading through a lush green forest. The path is made of several parallel wooden planks and recedes into the distance, creating a strong sense of perspective. The surrounding vegetation is dense and vibrant green, with some fallen leaves scattered on the path. The lighting is soft and natural, suggesting a forest setting.

Creating Clear  
Degree Pathways  
to Success



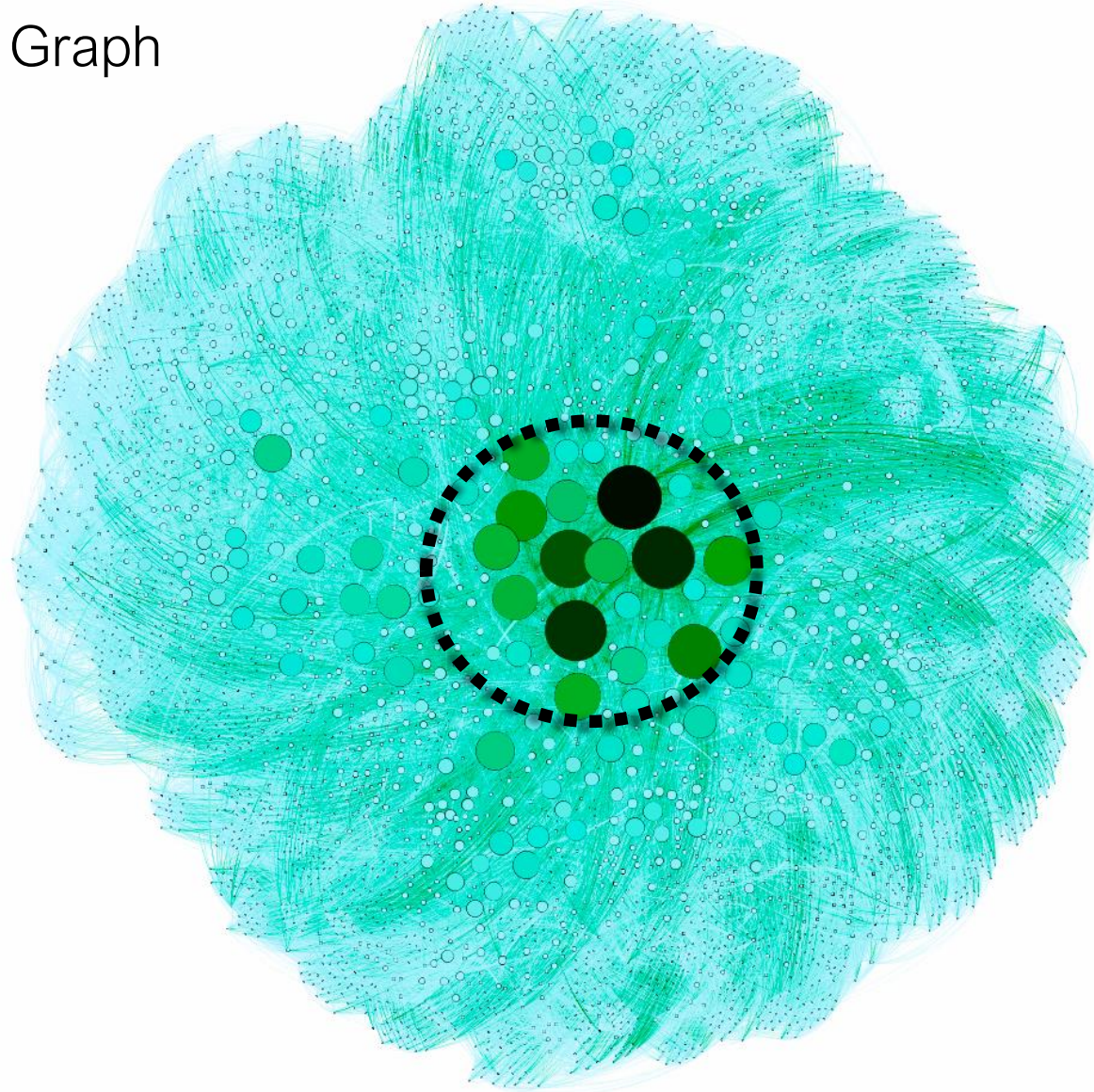


# The Graduate Transcript Graph



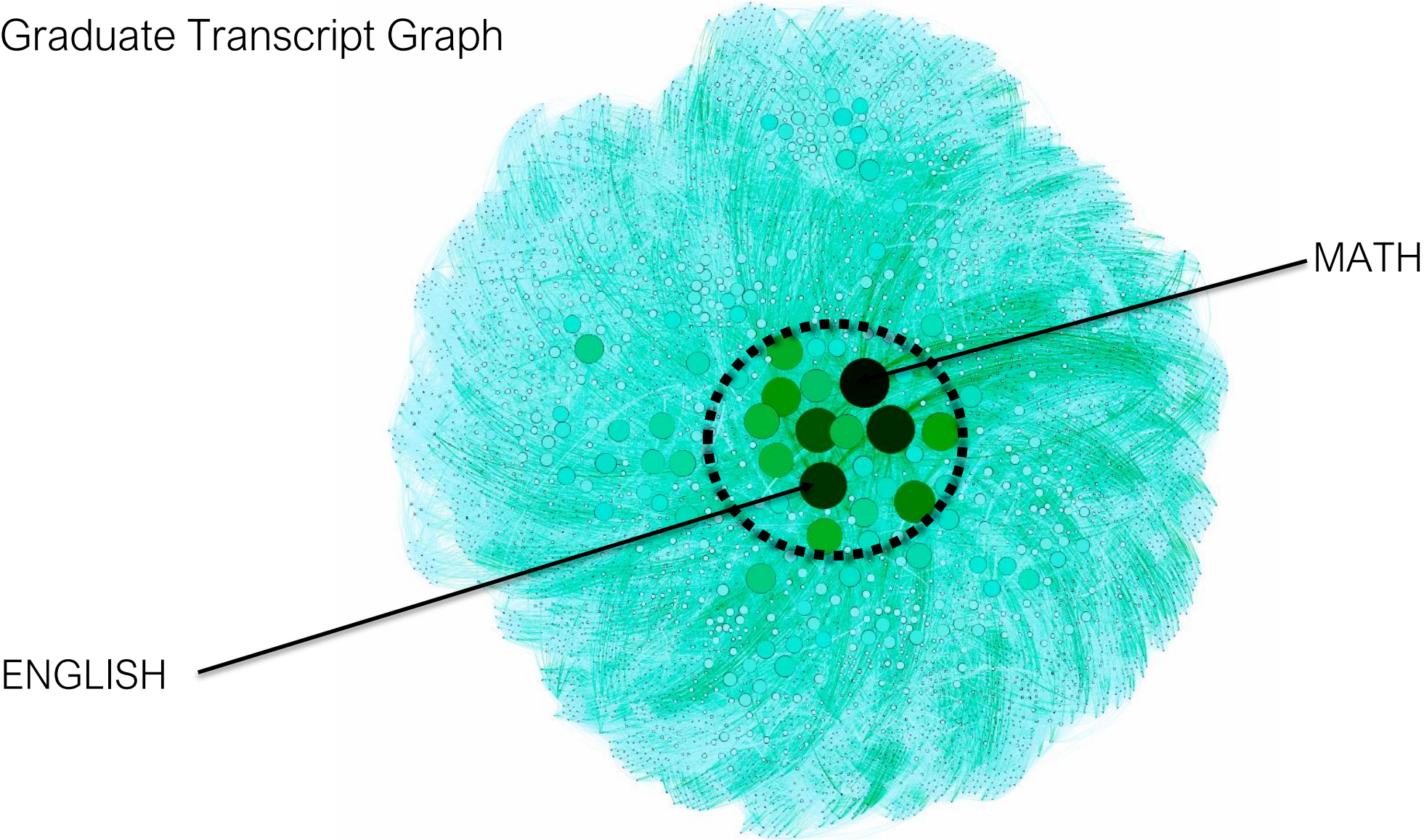


# The Graduate Transcript Graph





# The Graduate Transcript Graph



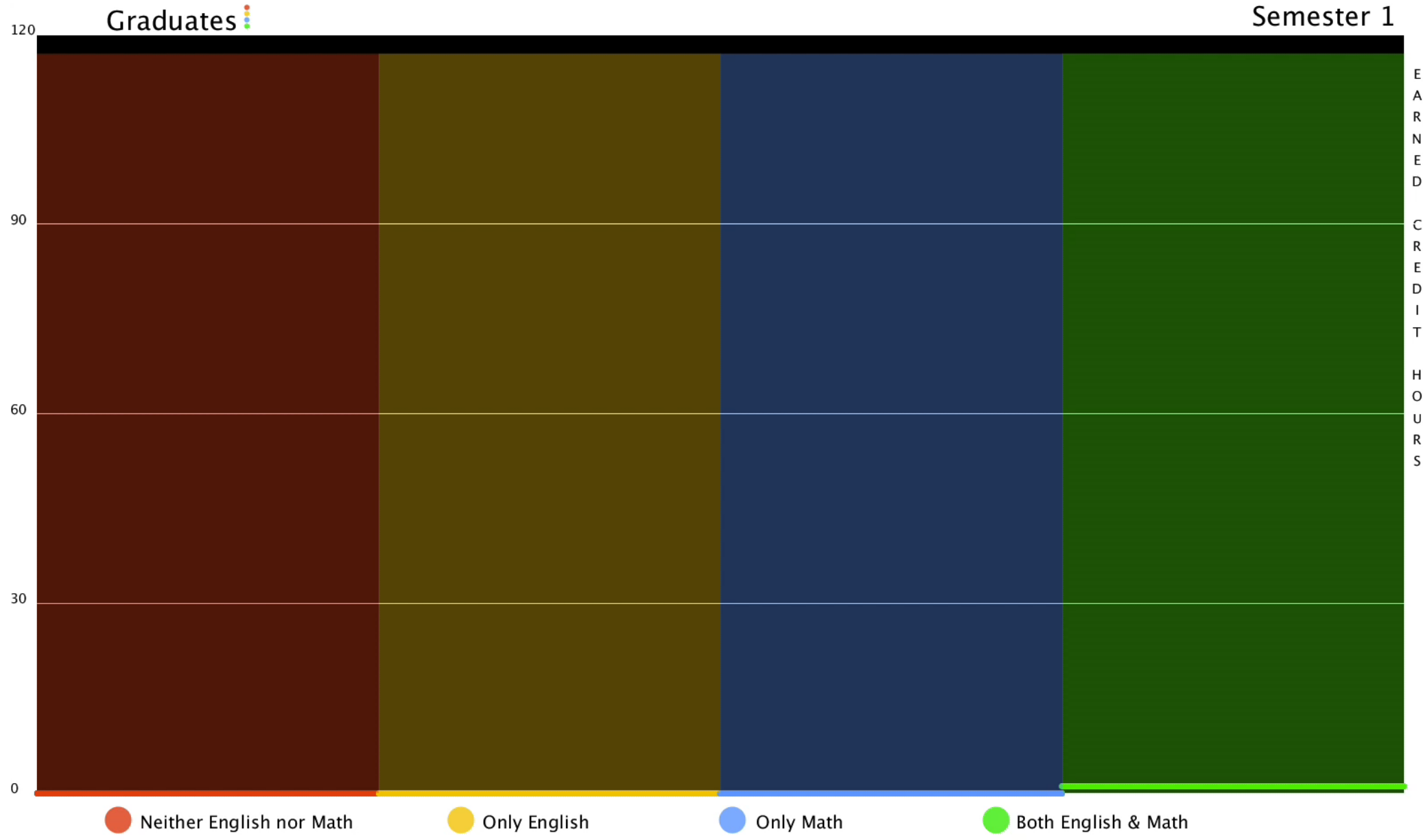
ENGLISH

MATH



10,000 USG Students

2,500 who either completed their first credit bearing math and/or writing class or completed neither during their first academic year

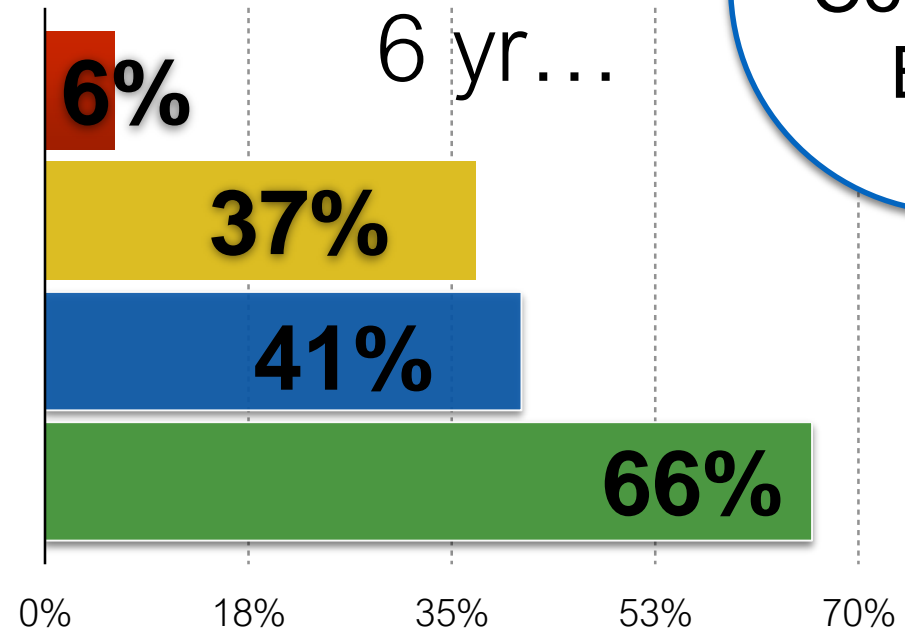


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# English and Math

- 1<sup>st</sup> yr - Did not pass English or Math
- 1<sup>st</sup> yr - Passed English
- 1<sup>st</sup> yr - Passed Math
- 1<sup>st</sup> yr - Passed both English and Math



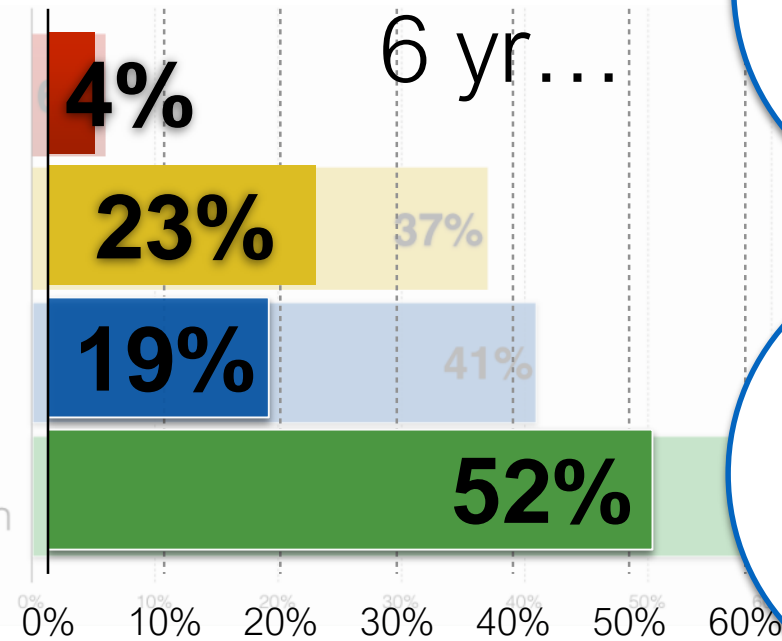
50%  
Complete  
Both





# English and Math

- 1<sup>st</sup> yr - Did not pass English or Math
- 1<sup>st</sup> yr - Passed English
- 1<sup>st</sup> yr - Passed Math
- 1<sup>st</sup> yr - Passed both English and Math



34%  
Complete  
Both

40%  
Complete  
Neither

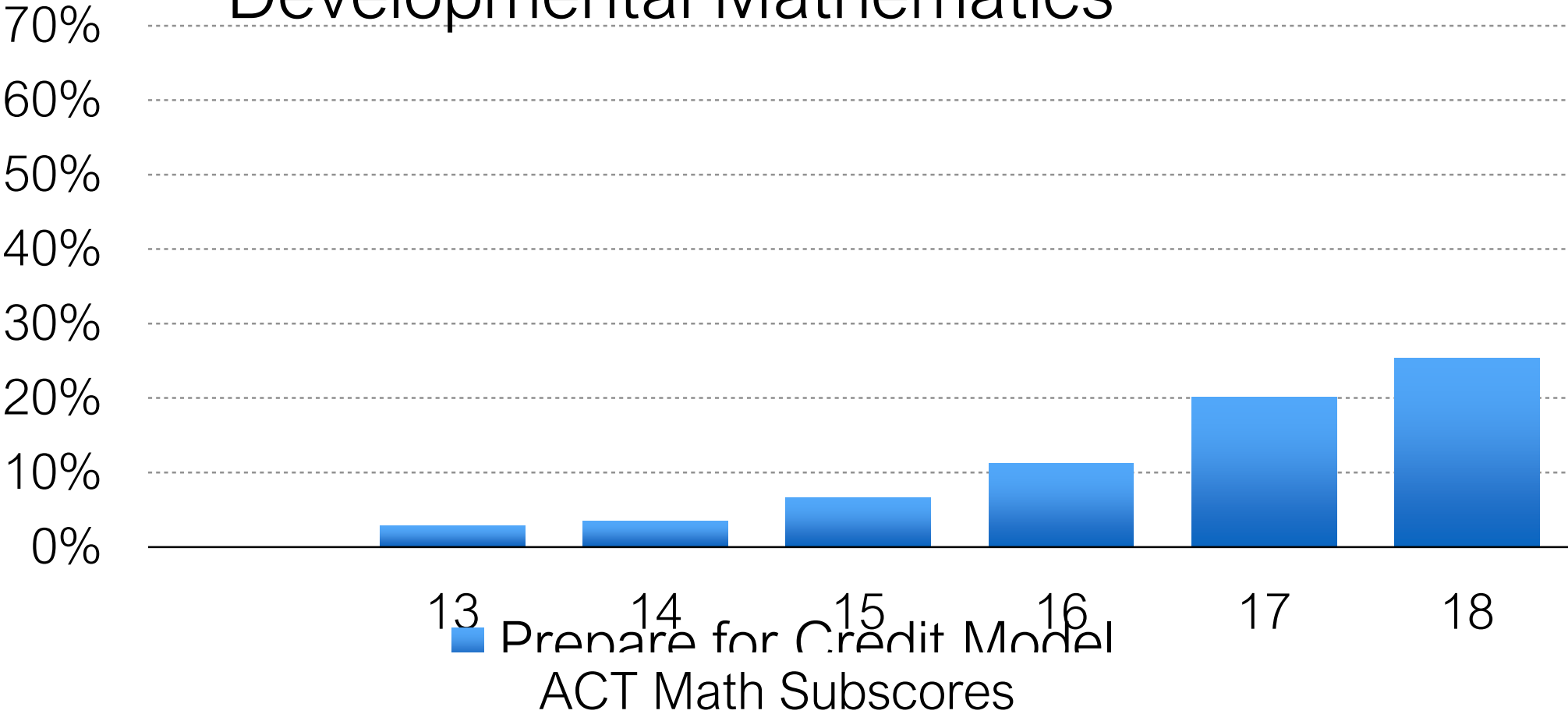
A State College







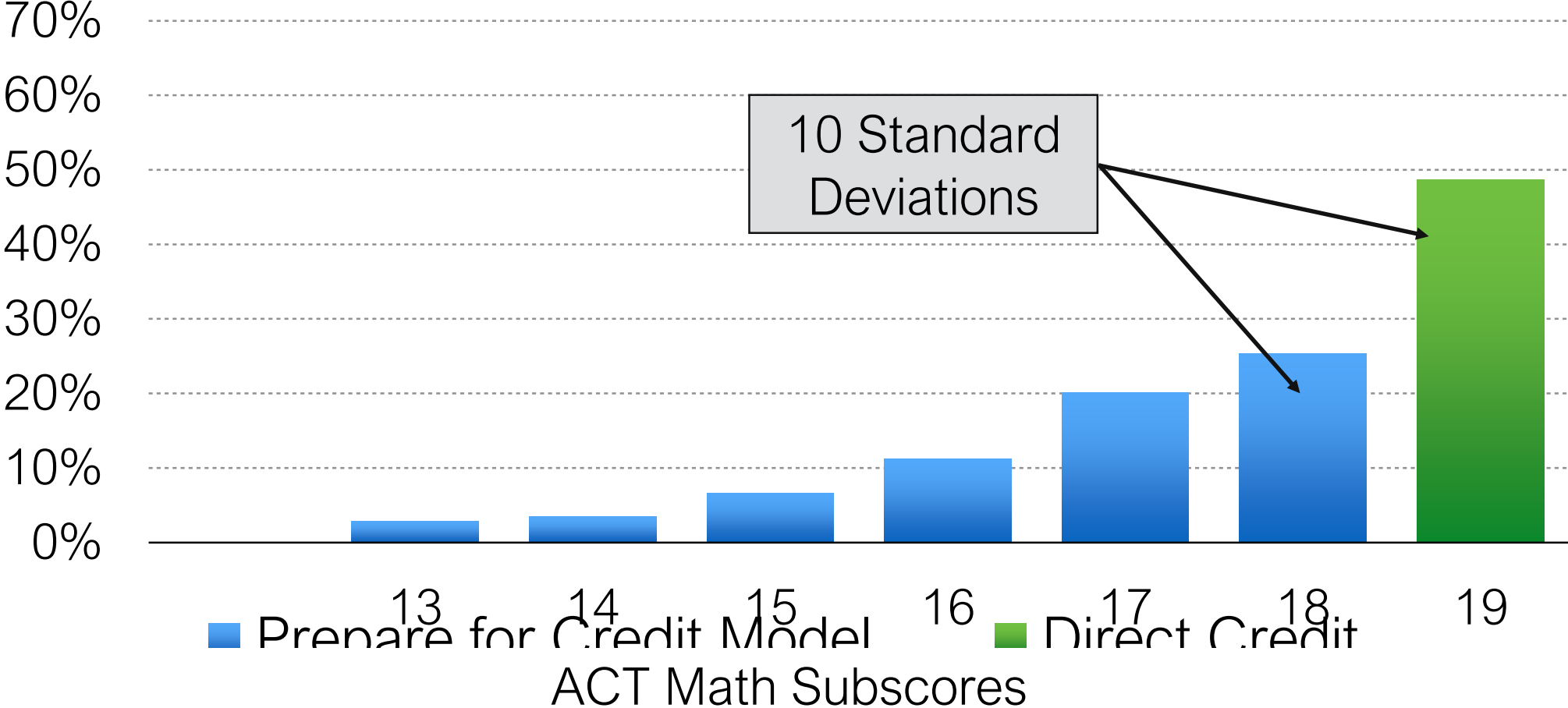
# System-wide Math Completion for students beginning in Developmental Mathematics




■ Prepare for Credit Model  
ACT Math Subscores



# System-wide Math Completion for students beginning in Developmental Mathematics



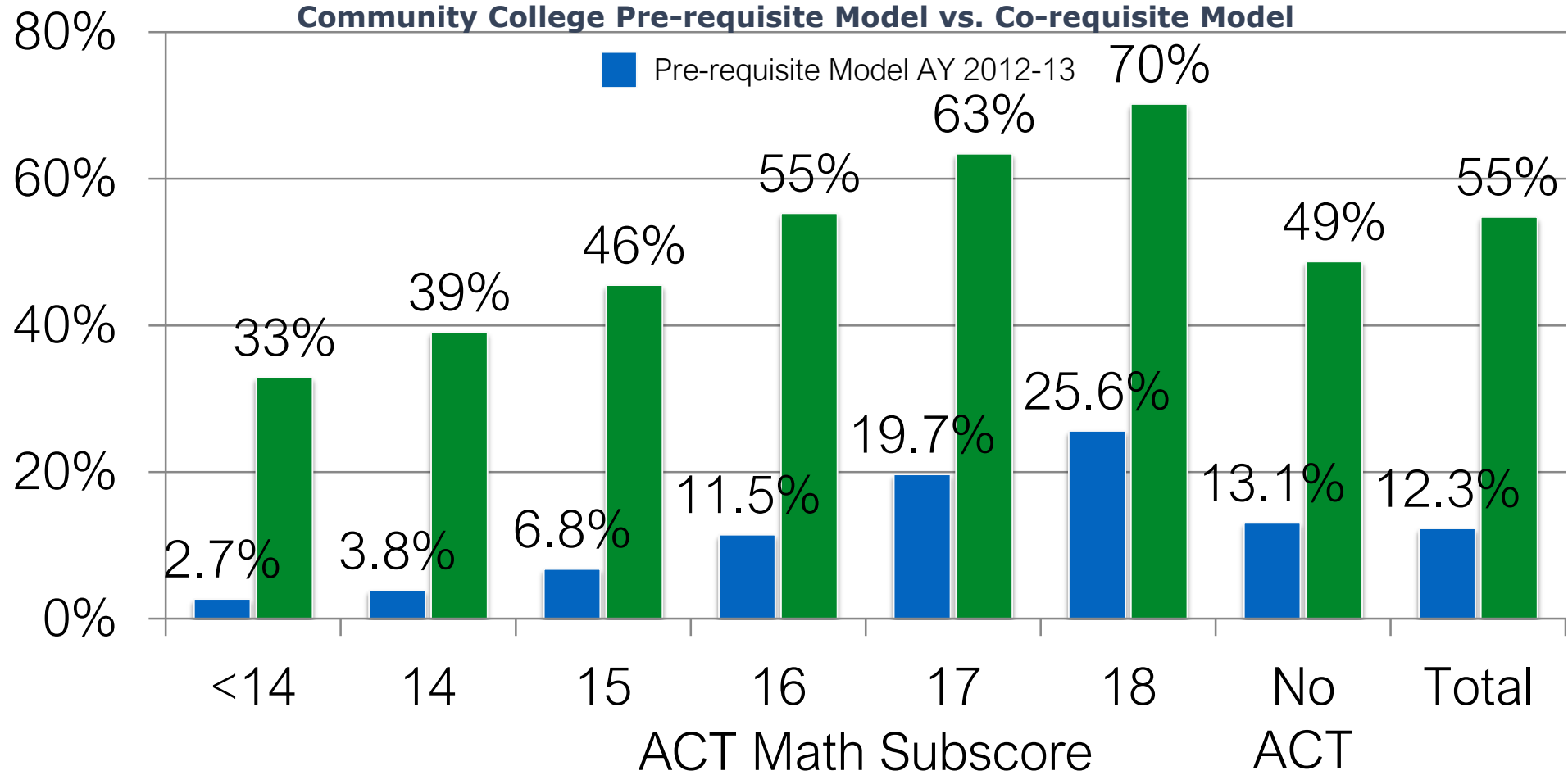


A scenic landscape featuring a dirt road that curves through a lush green field. In the distance, a single, full-canopied tree stands on a small rise. The sky is a deep blue with scattered white clouds. A semi-transparent dark box is overlaid on the left side of the image, containing the title text.

# Co-requisite Remediation in Tennessee



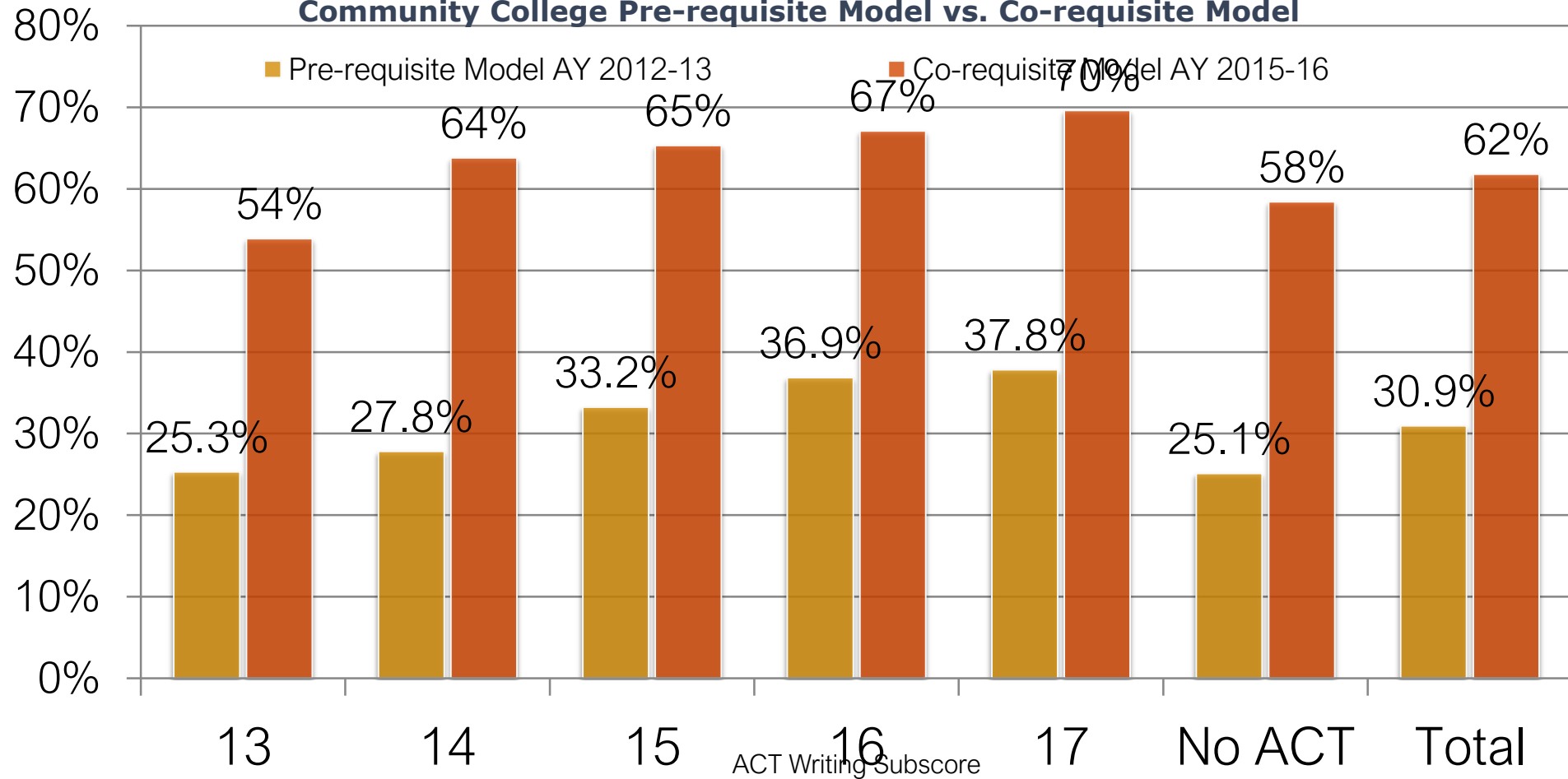
# Completion of Gateway Math by ACT Sub-score





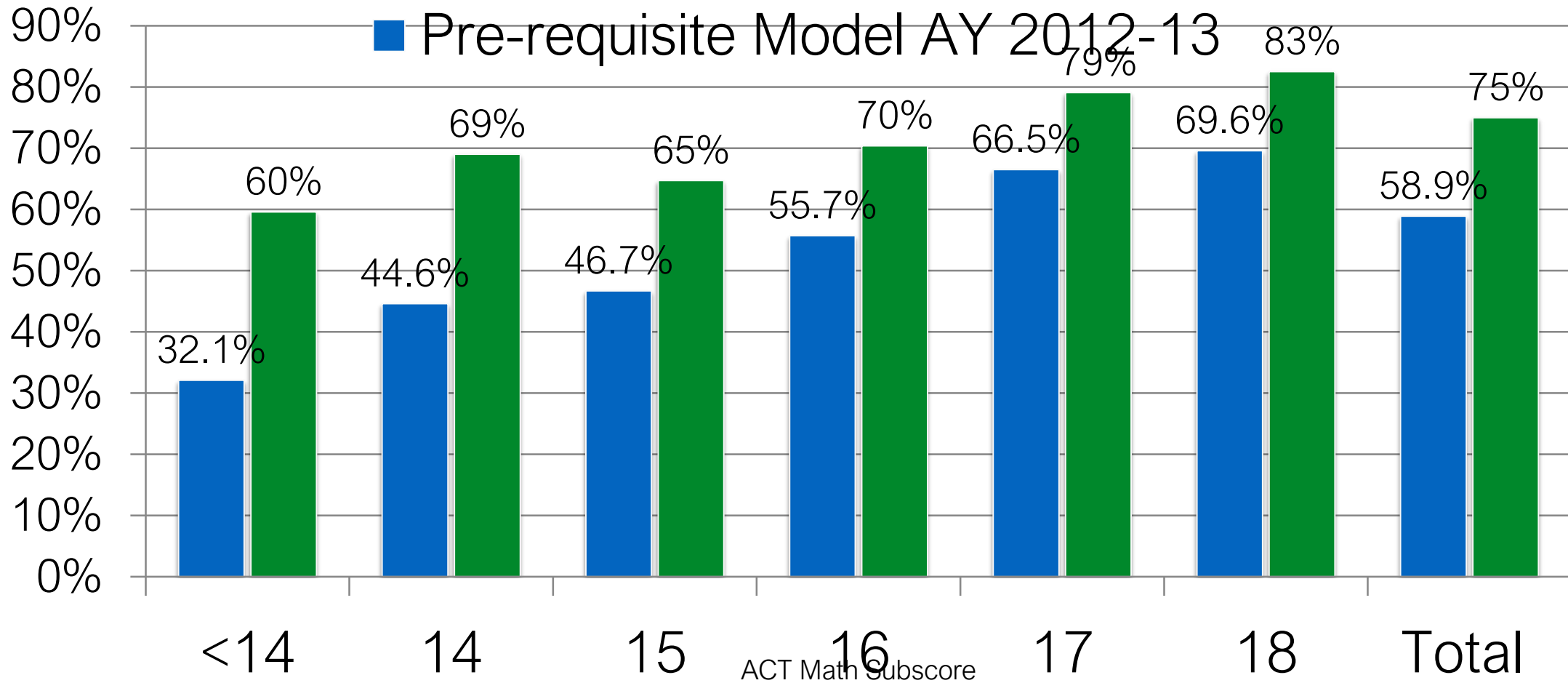
# Completion of Gateway Writing by ACT Sub-score

Community College Pre-requisite Model vs. Co-requisite Model




# Completion of Gateway Math by ACT Sub-score

University "MATH1000" Model vs. Co-requisite Model



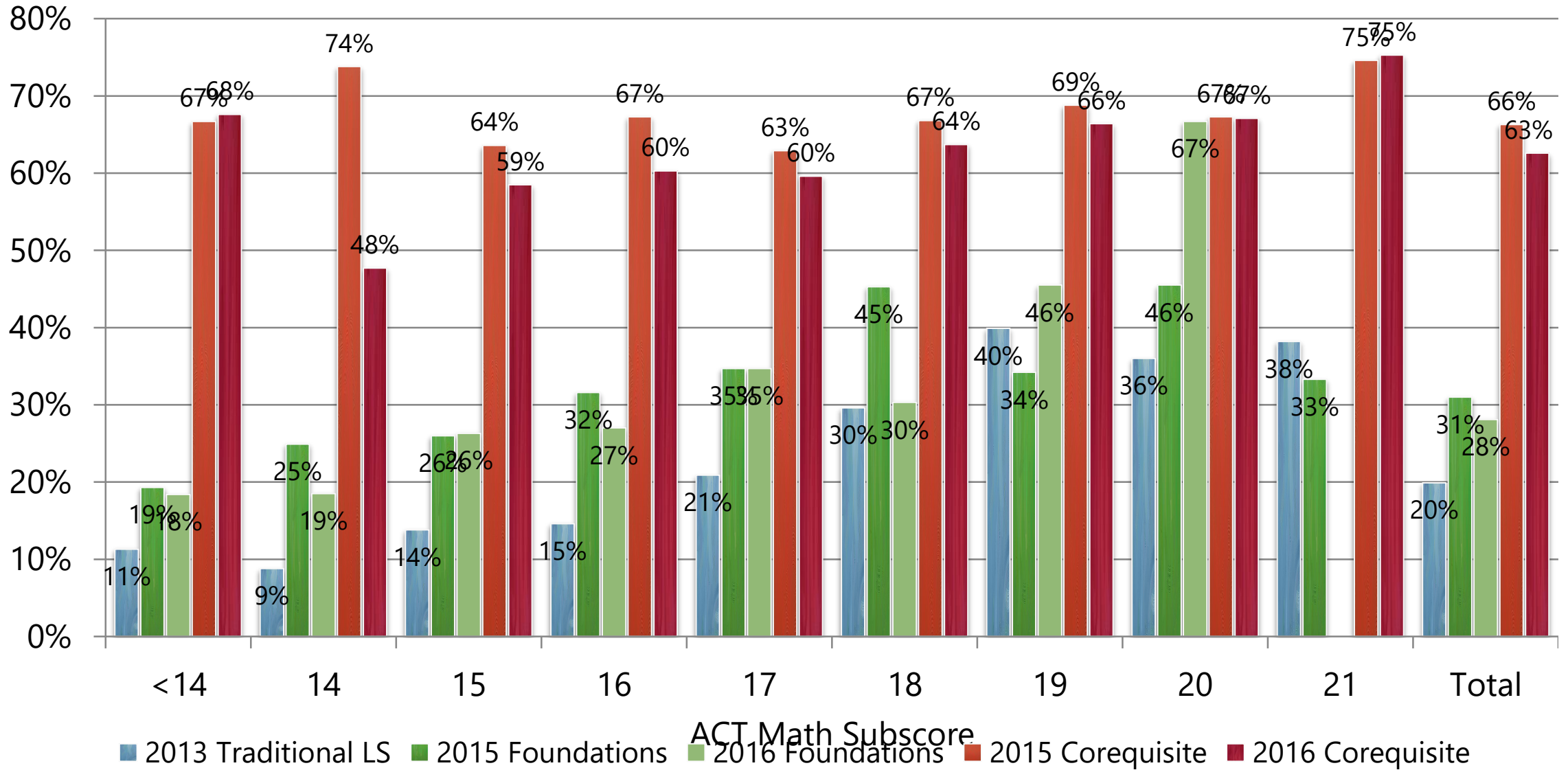


A scenic landscape featuring a dirt road that curves through a lush green field. In the distance, a single, full-canopied tree stands on a small rise. The sky is a deep blue with scattered white clouds. A semi-transparent dark grey box is overlaid on the left side of the image, containing the title text in white.

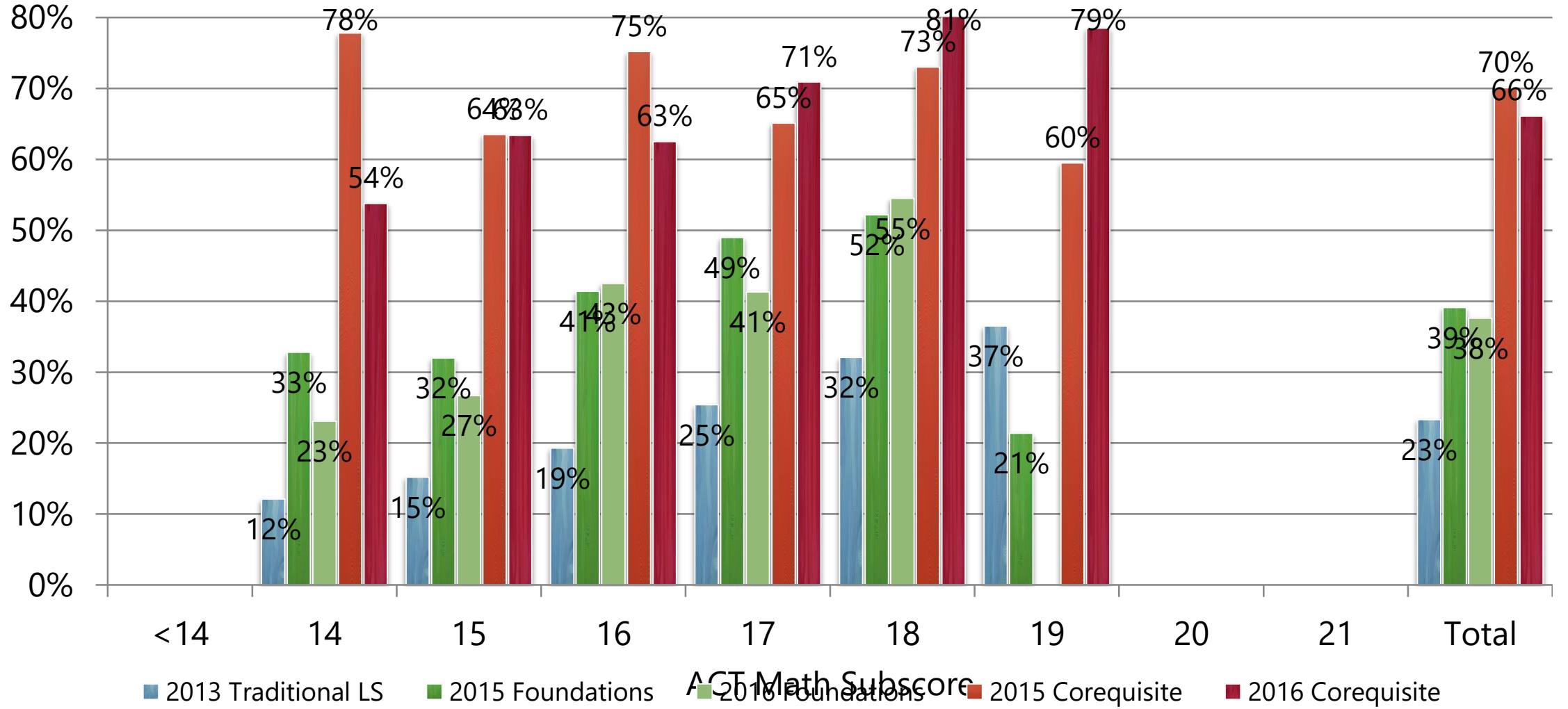
# Co-requisite Remediation in Georgia



# System Comparison of Success in Gateway Math Classes



# System Comparison of Success in Gateway Math Classes



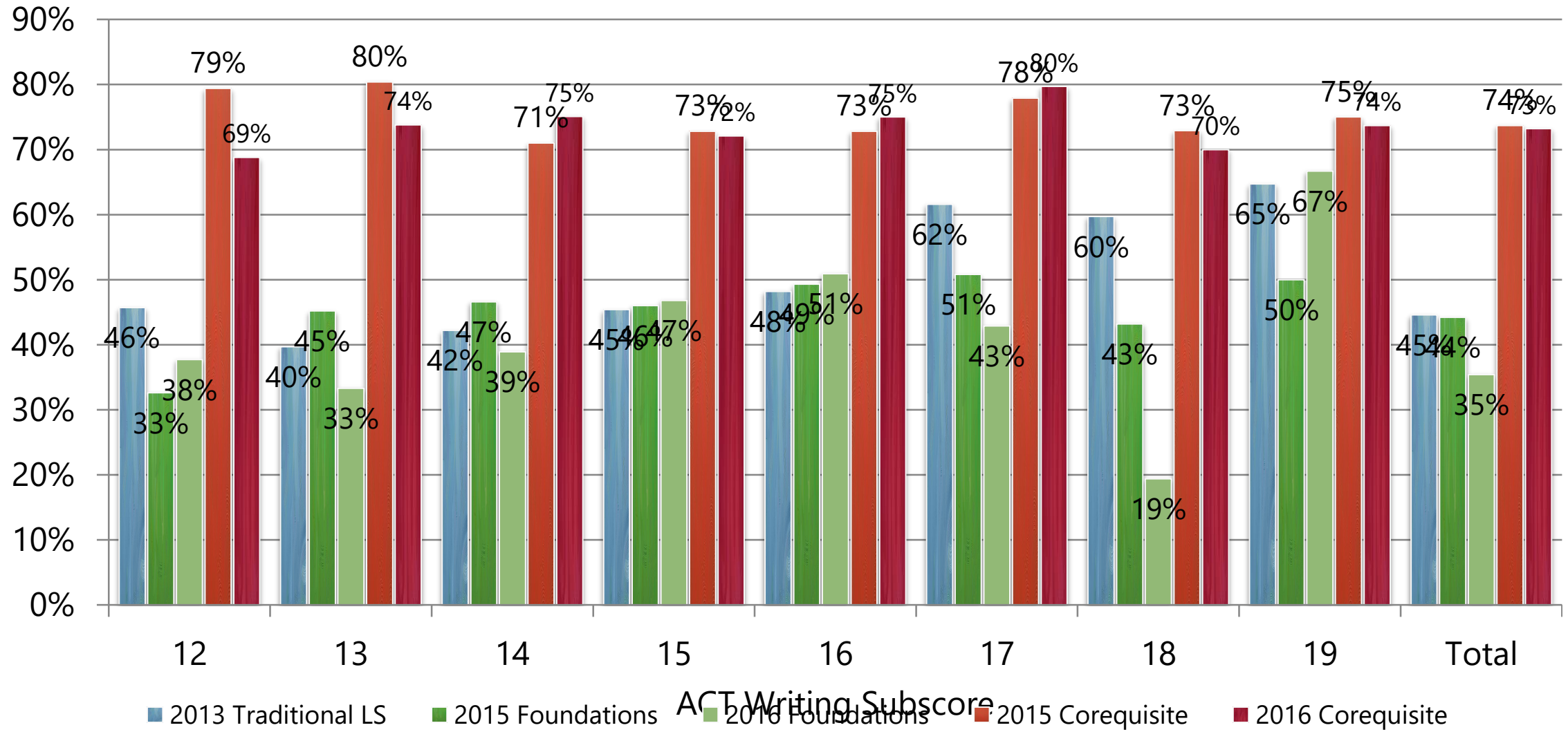
State Universities



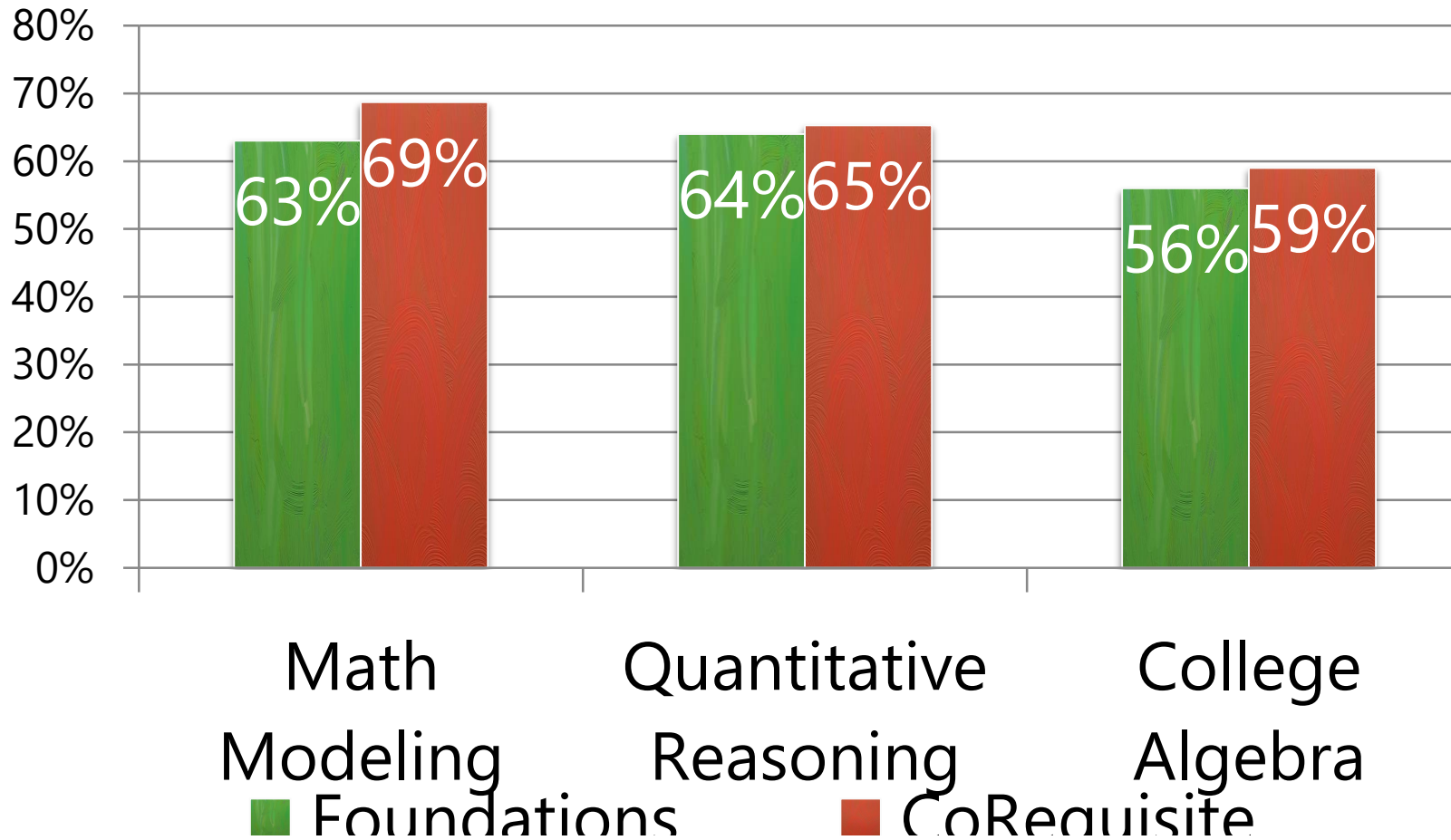
UNIVERSITY SYSTEM OF GEORGIA



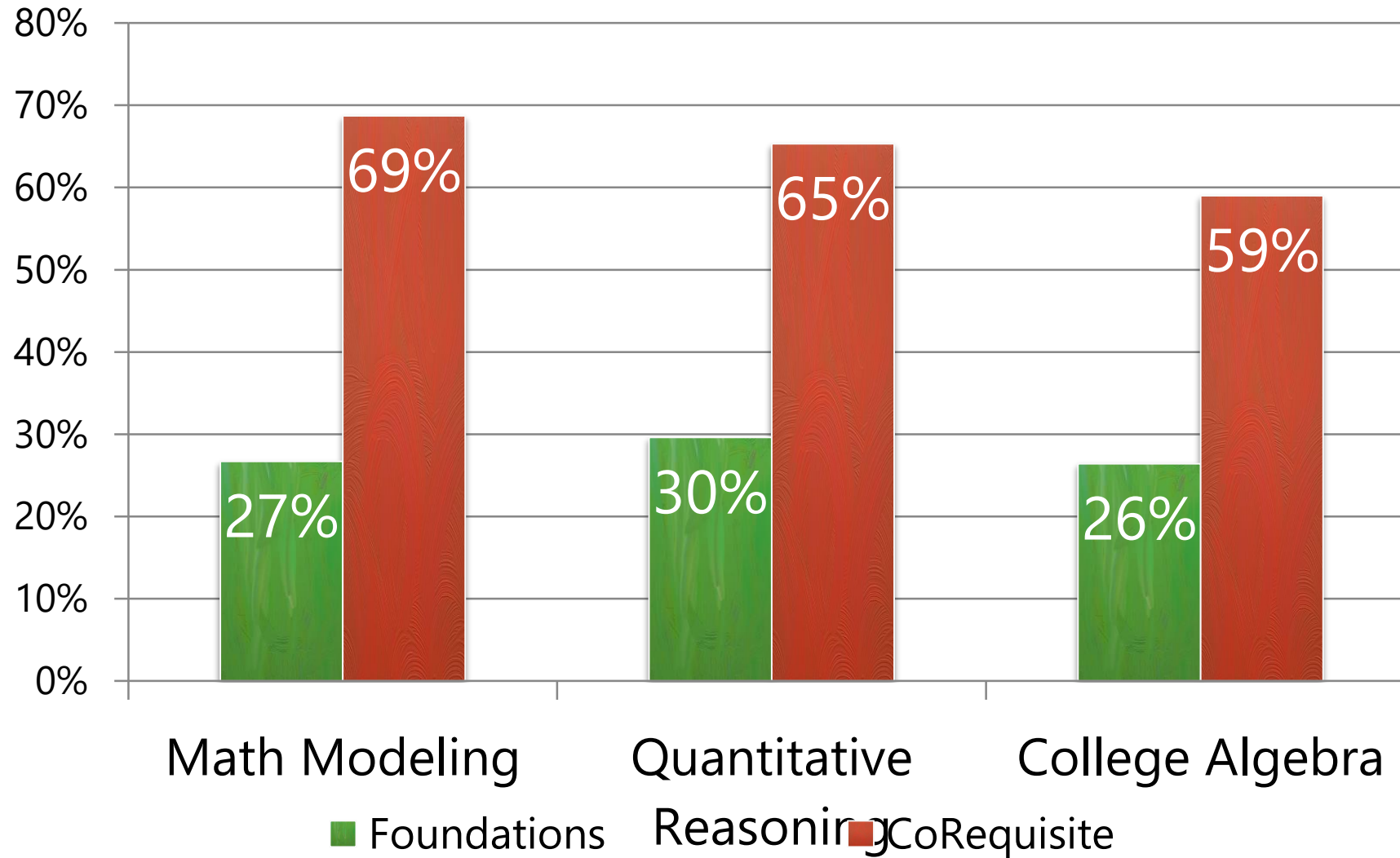
# System Comparison of Success in Gateway English Classes



## System Comparison of Success in Gateway Mathematics Classes

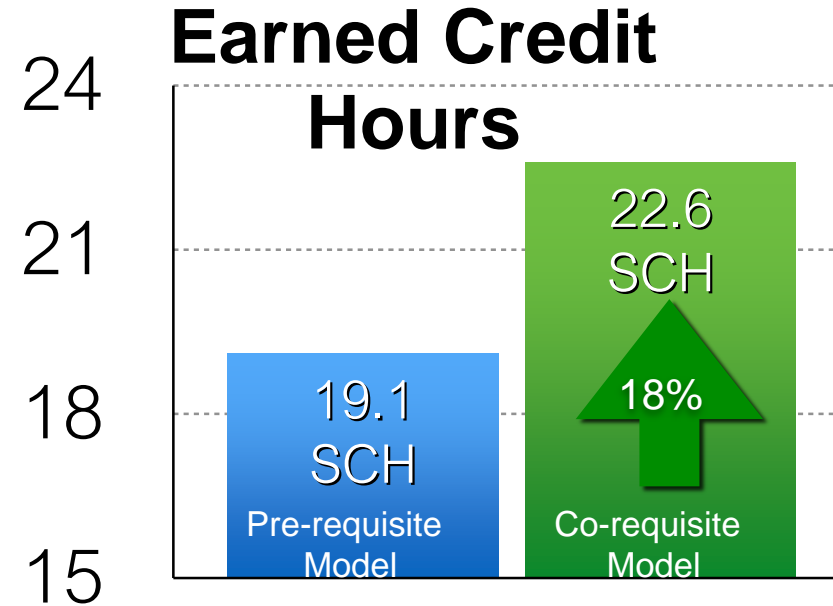
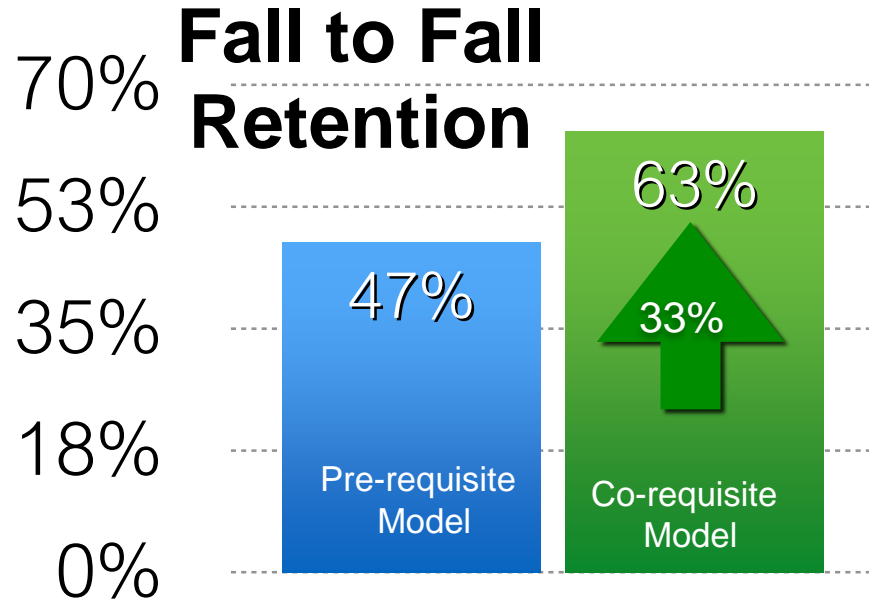


## System Comparison of Success in Gateway Mathematics Classes

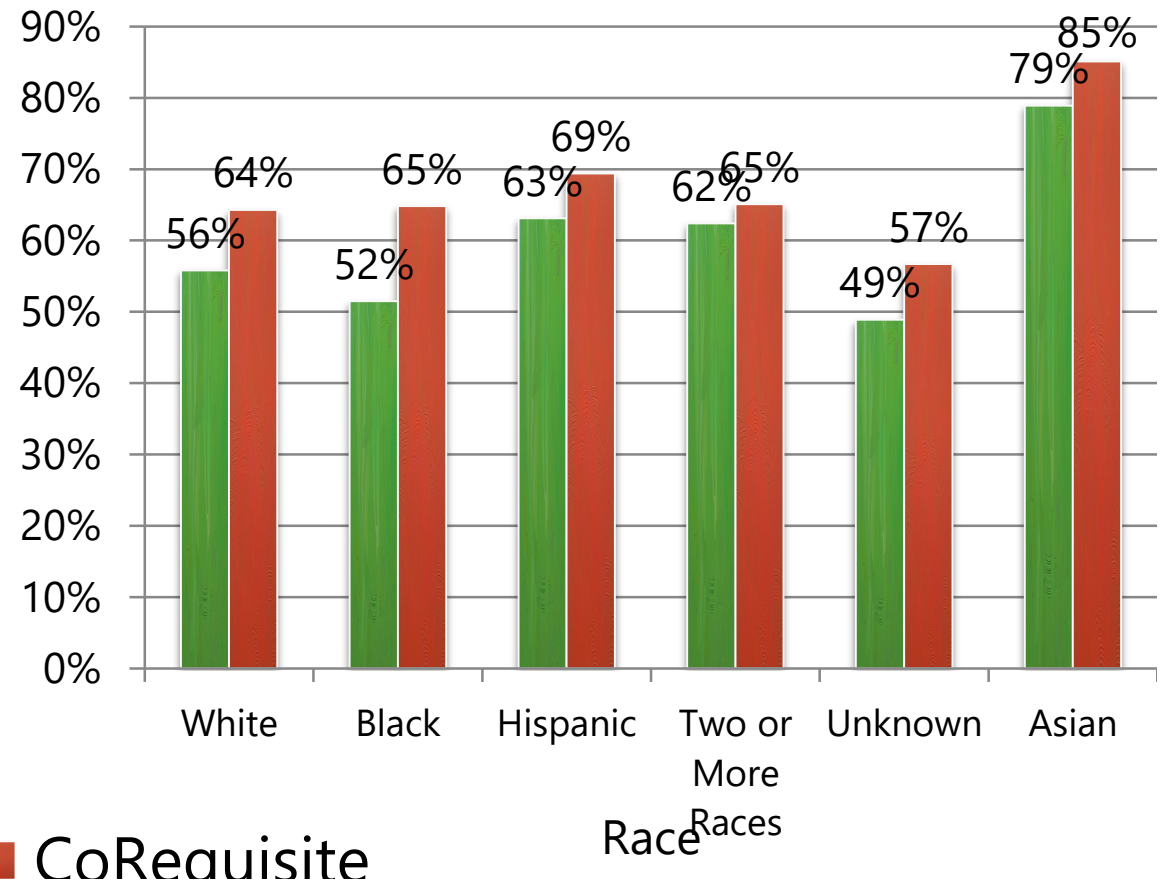
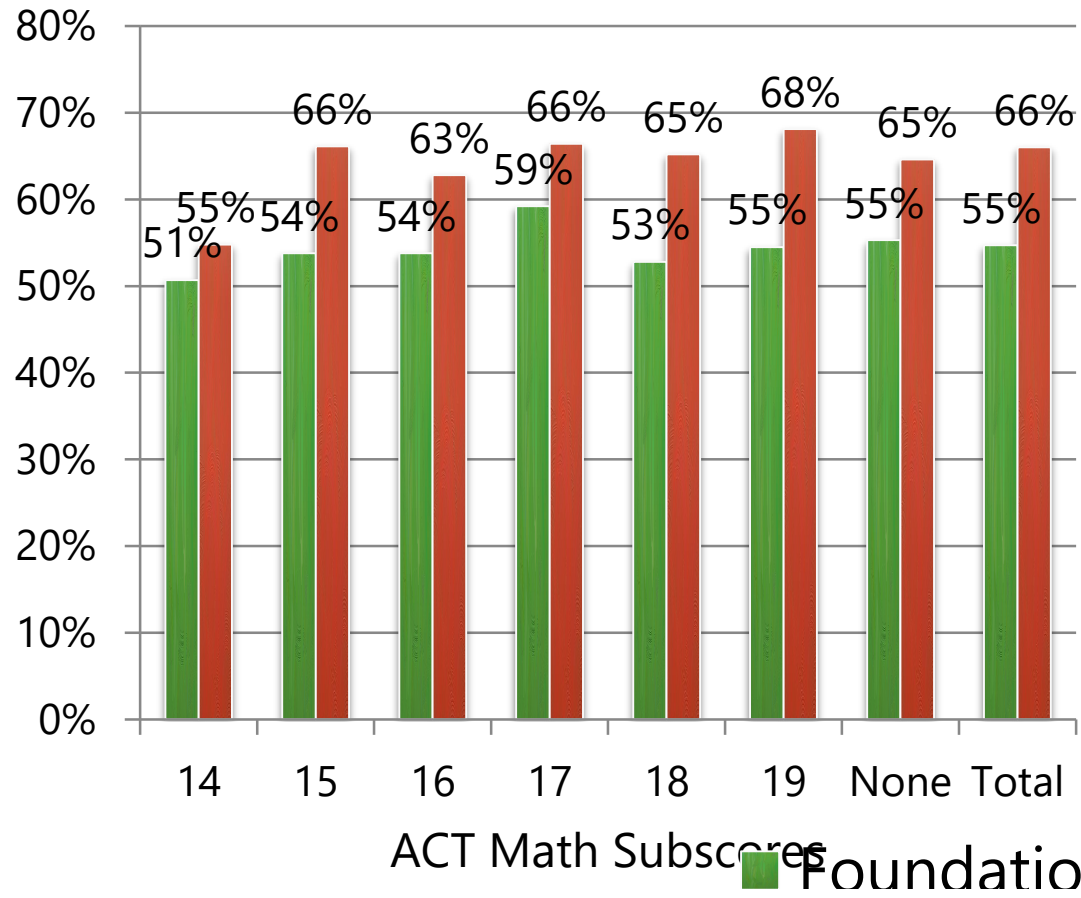




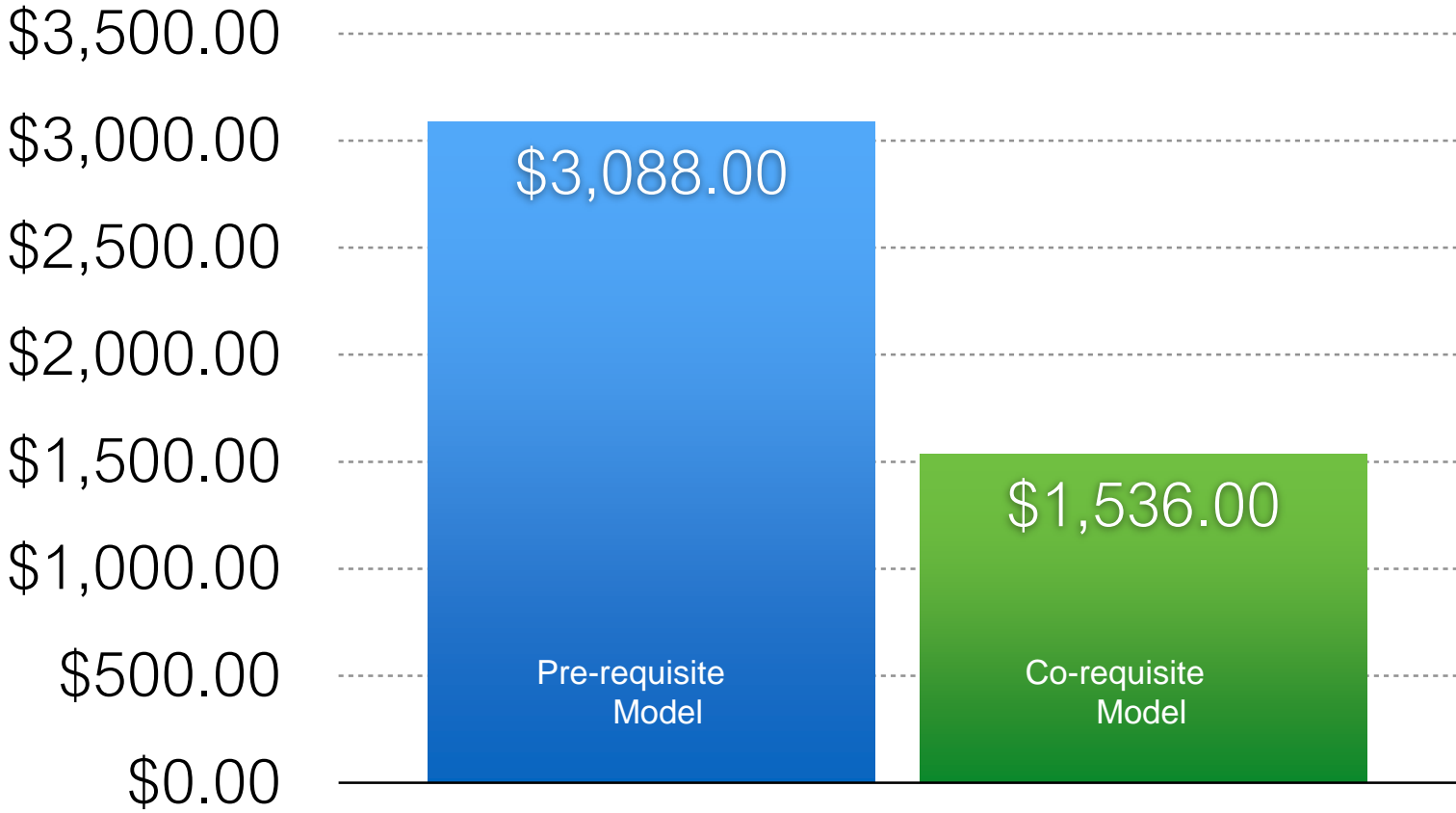
# Community College students who passed a Math class in their 1<sup>st</sup> Year



# Fall to Fall Retention



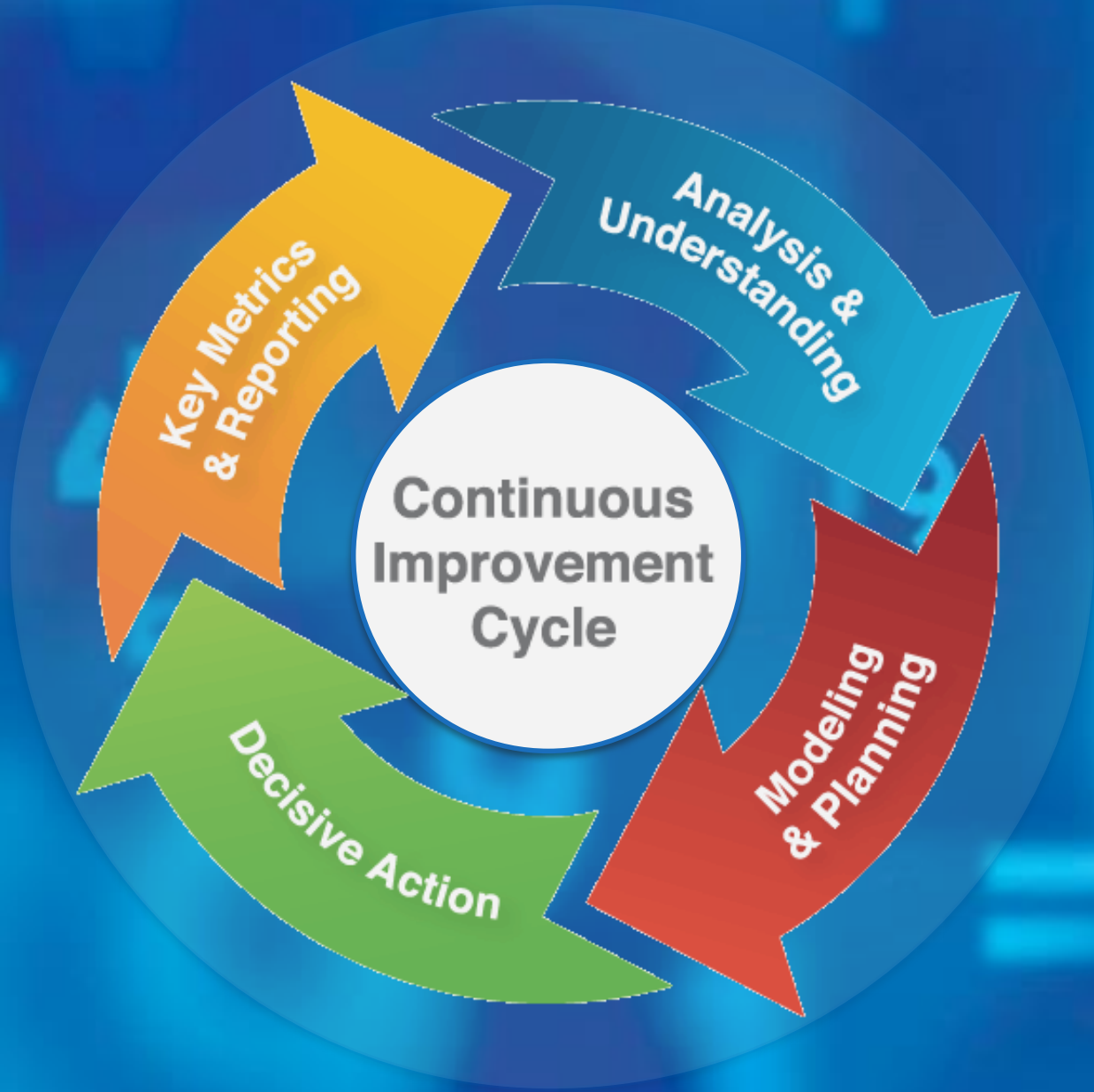
# Average Community College Instructional Cost per Successful Student in Mathematics



Is Corequisite Remediation Cost-Effective? Early Findings From Tennessee *Belfield, Davis & Lahr*, Community College Research Center, Columbia University







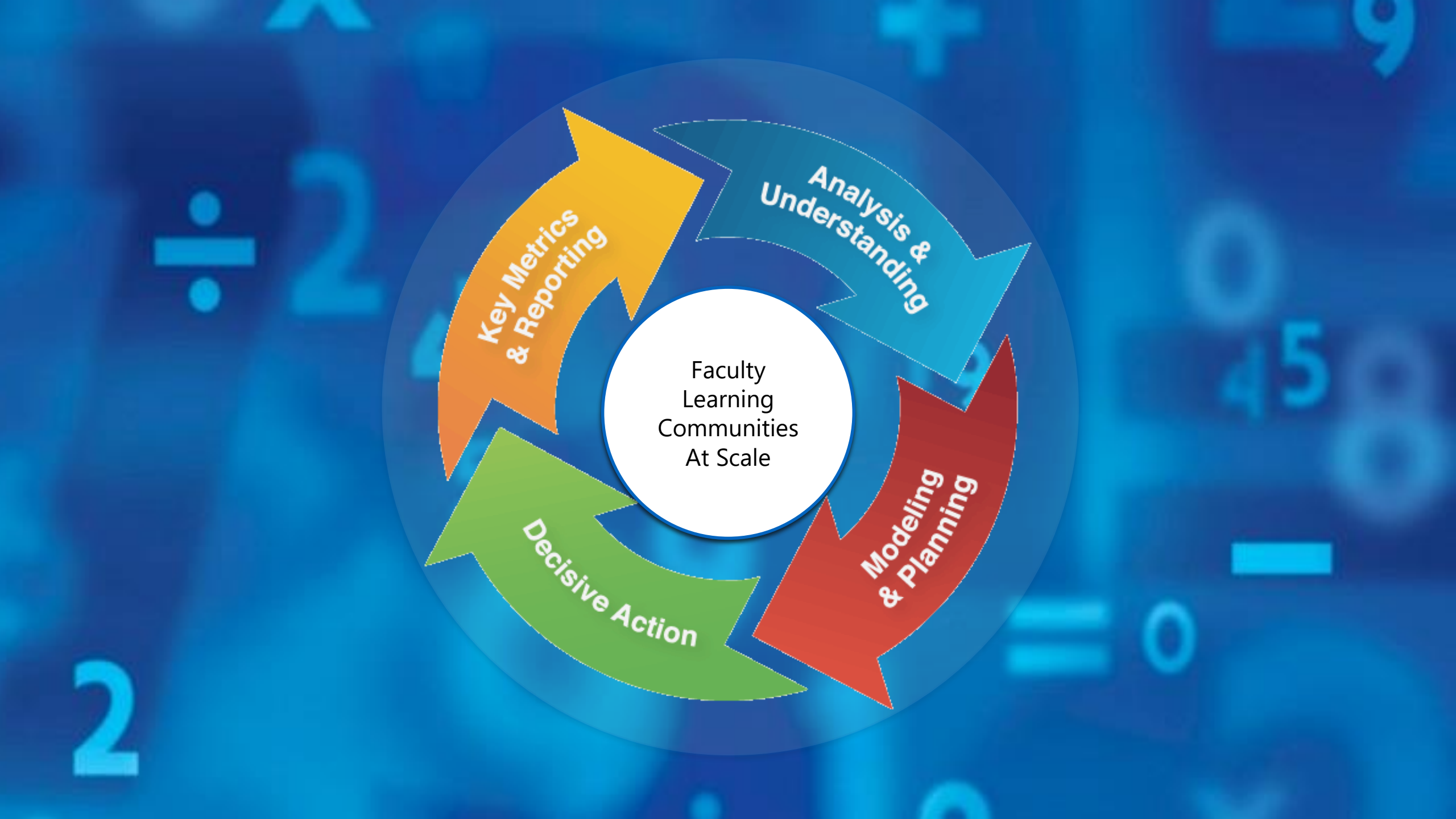
Faculty  
Learning  
Communities  
At Scale

Analysis &  
Understanding

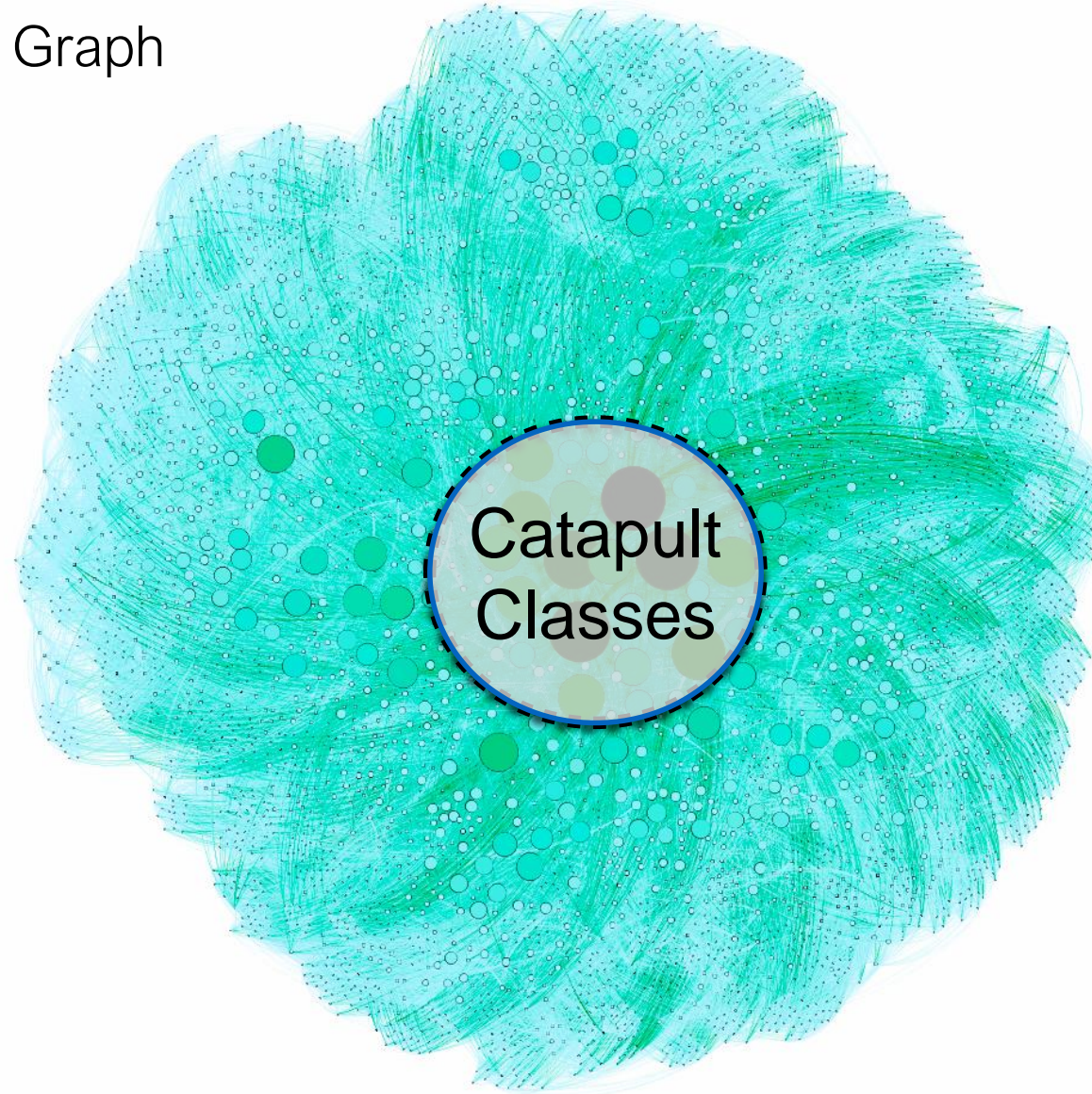
Key Metrics  
& Reporting

Modeling  
& Planning

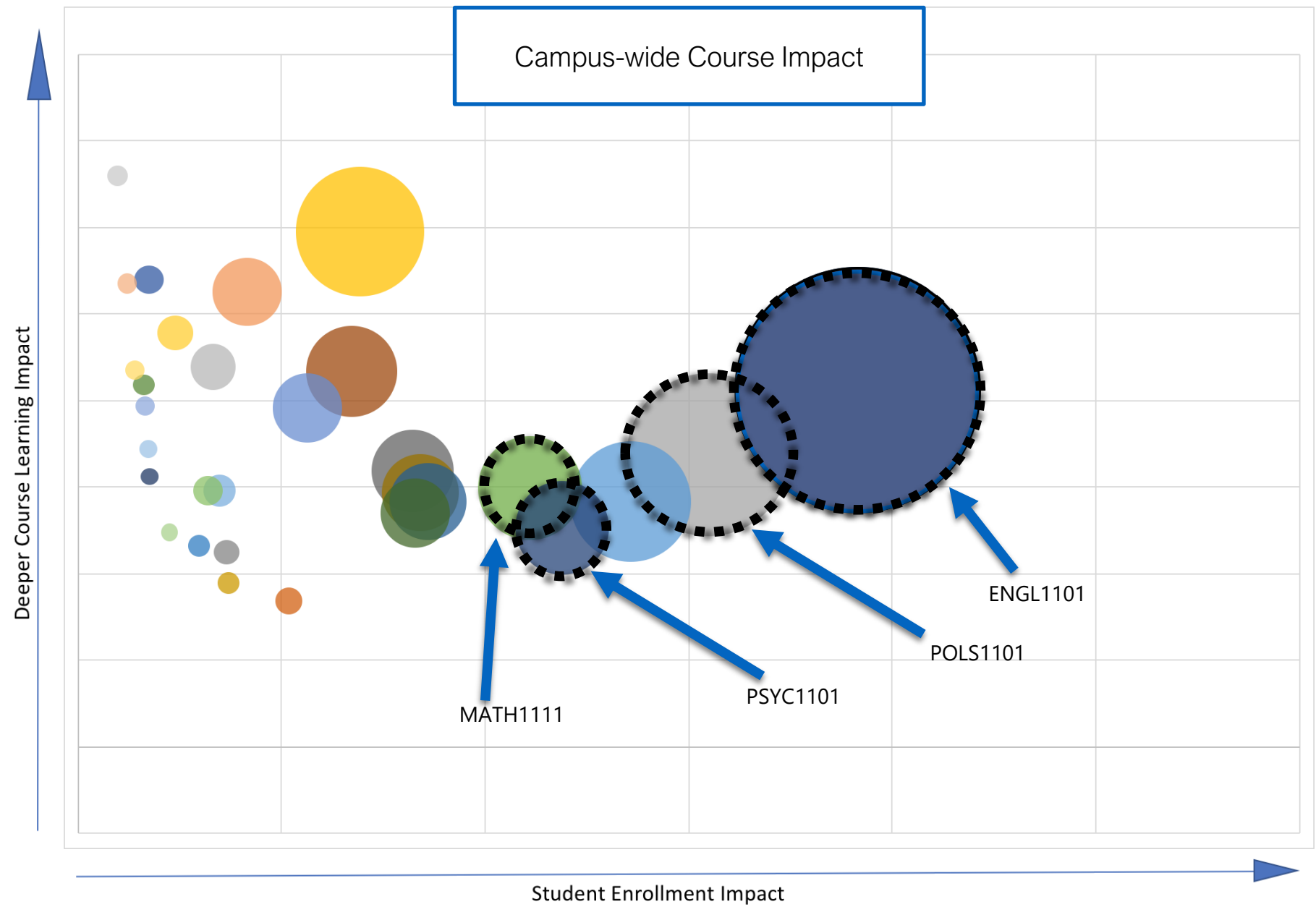
Decisive Action



# The Graduate Transcript Graph







● Size of "bubble" depicts the overall impact of increased learning in each class on overall student success metrics.

# Productive Academic Mindset

A young man with dark hair and a light beard is sitting at a desk in a library. He is looking directly at the camera with a thoughtful expression, resting his chin on his hands. In front of him is an open book. To his left and right are stacks of several closed books. The background is filled with bookshelves, creating a warm, studious atmosphere.

Perceived purpose of coursework

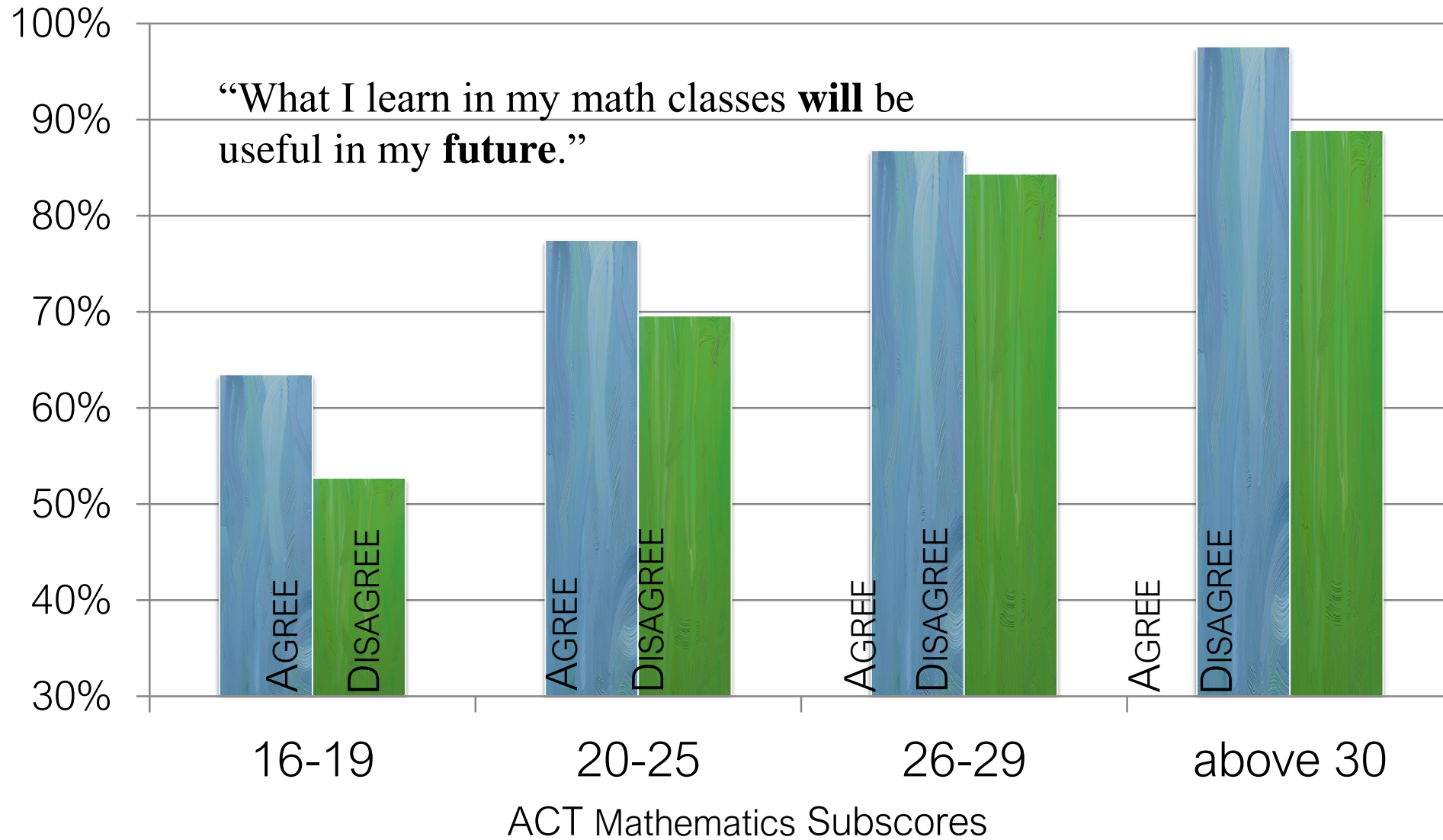
Feel connected to their institution  
and that they belong...

Believe they are capable of learning the  
material...

Confidence interacting with Faculty and Staff

GRIT and Perseverance

# System-wide success rates in Freshman Mathematics Classes

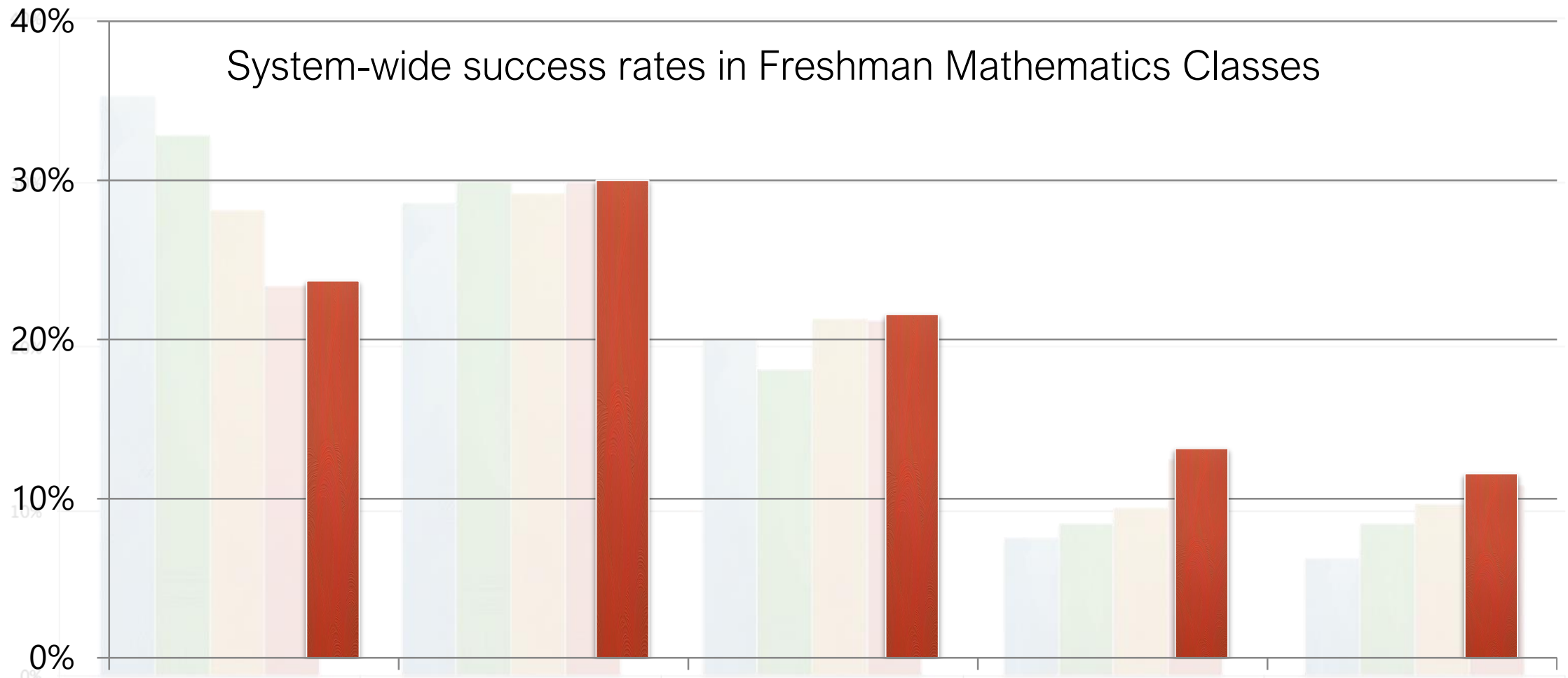




# System-wide success rates in Freshman Mathematics Classes



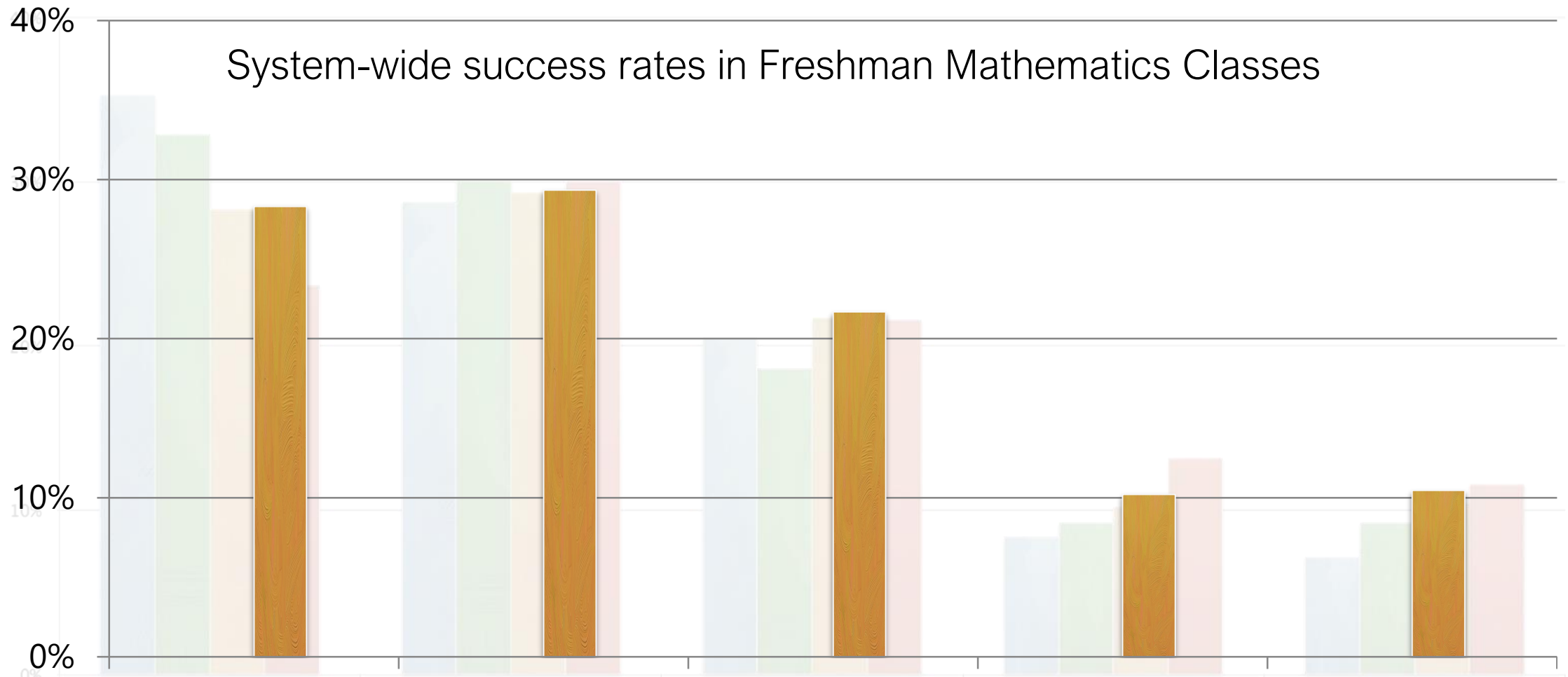
# System-wide success rates in Freshman Mathematics Classes



- "What I learn in Math will be useful in my..."
- "What I learn in Math will not be useful in..."



# System-wide success rates in Freshman Mathematics Classes



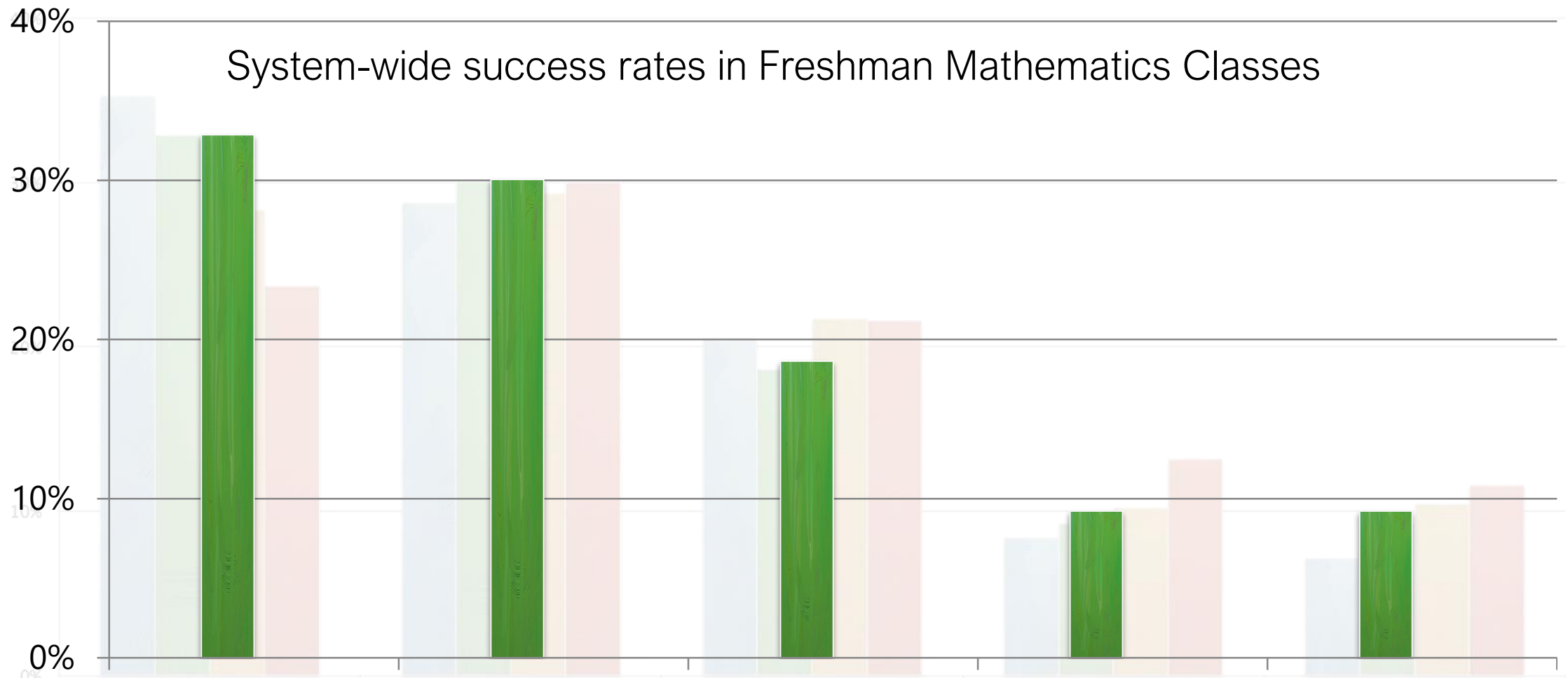
■ "What I learn in Math will be useful in my..."

■ "What I learn in Math will not be useful in..."





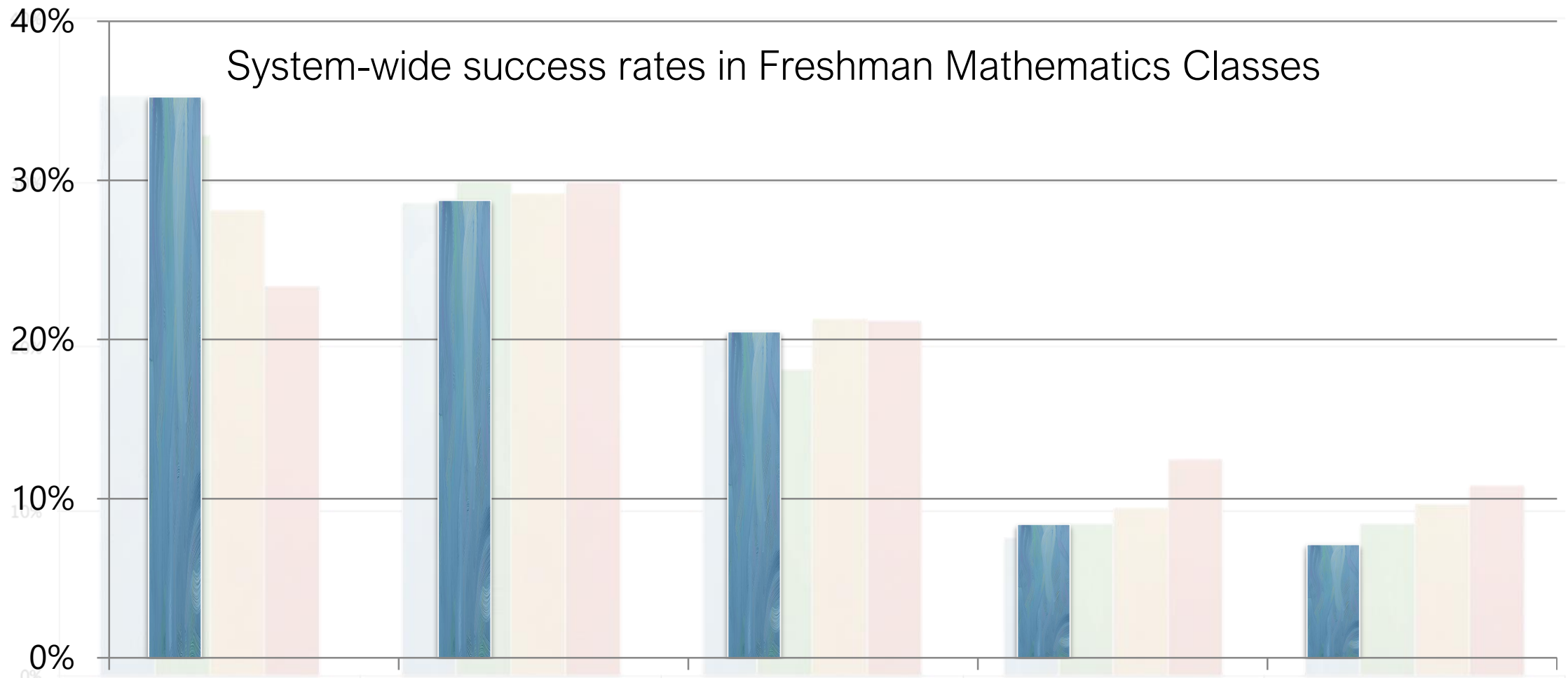
# System-wide success rates in Freshman Mathematics Classes



- "What I learn in Math will be useful in my..."
- "What I learn in Math will not be useful in..."



# System-wide success rates in Freshman Mathematics Classes



■ "What I learn in Math will be useful in my..."

■ "What I learn in Math will not be useful in..."

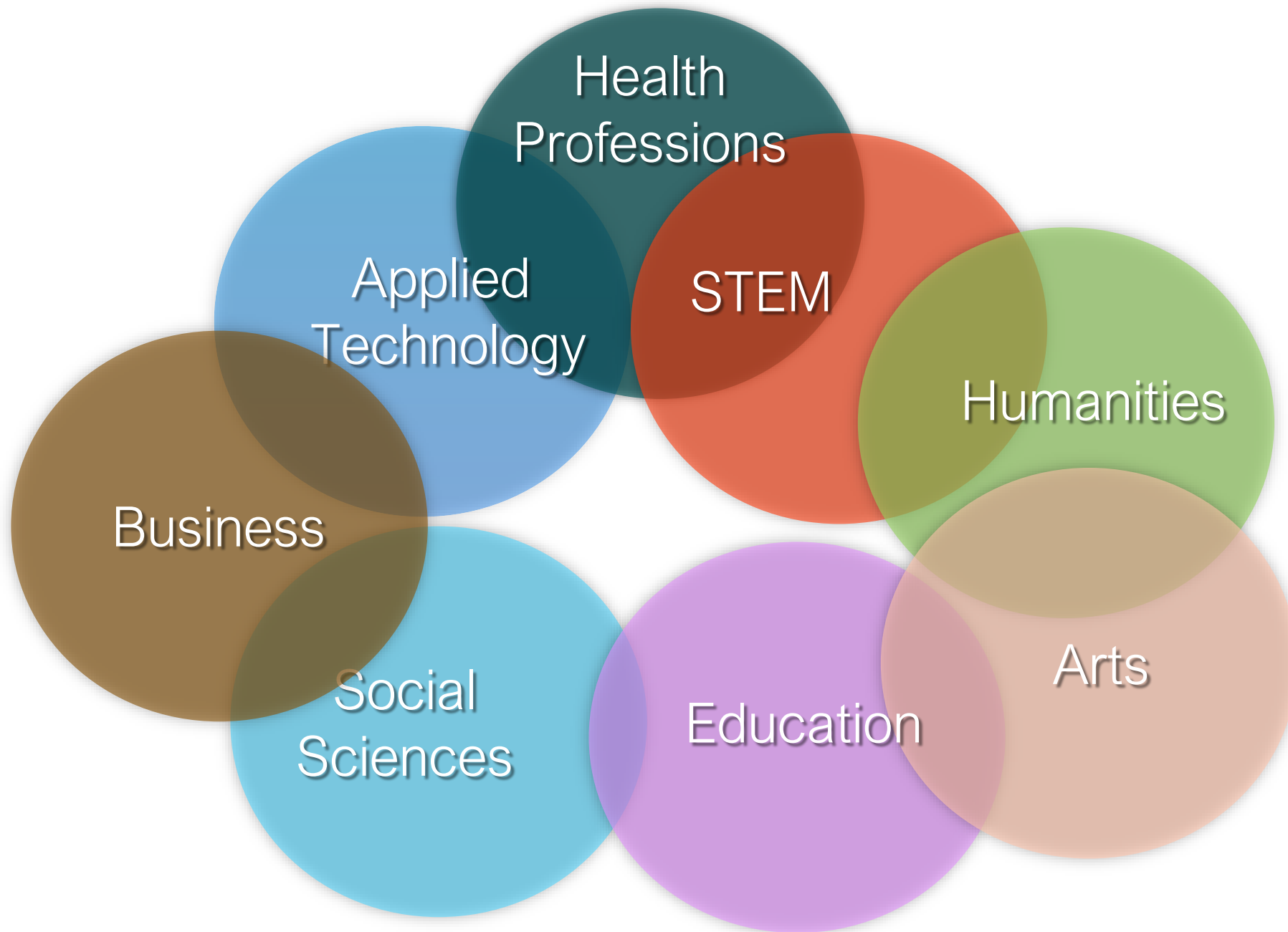


# Math Pathways









Health  
Professions

Applied  
Technology

STEM

Humanities

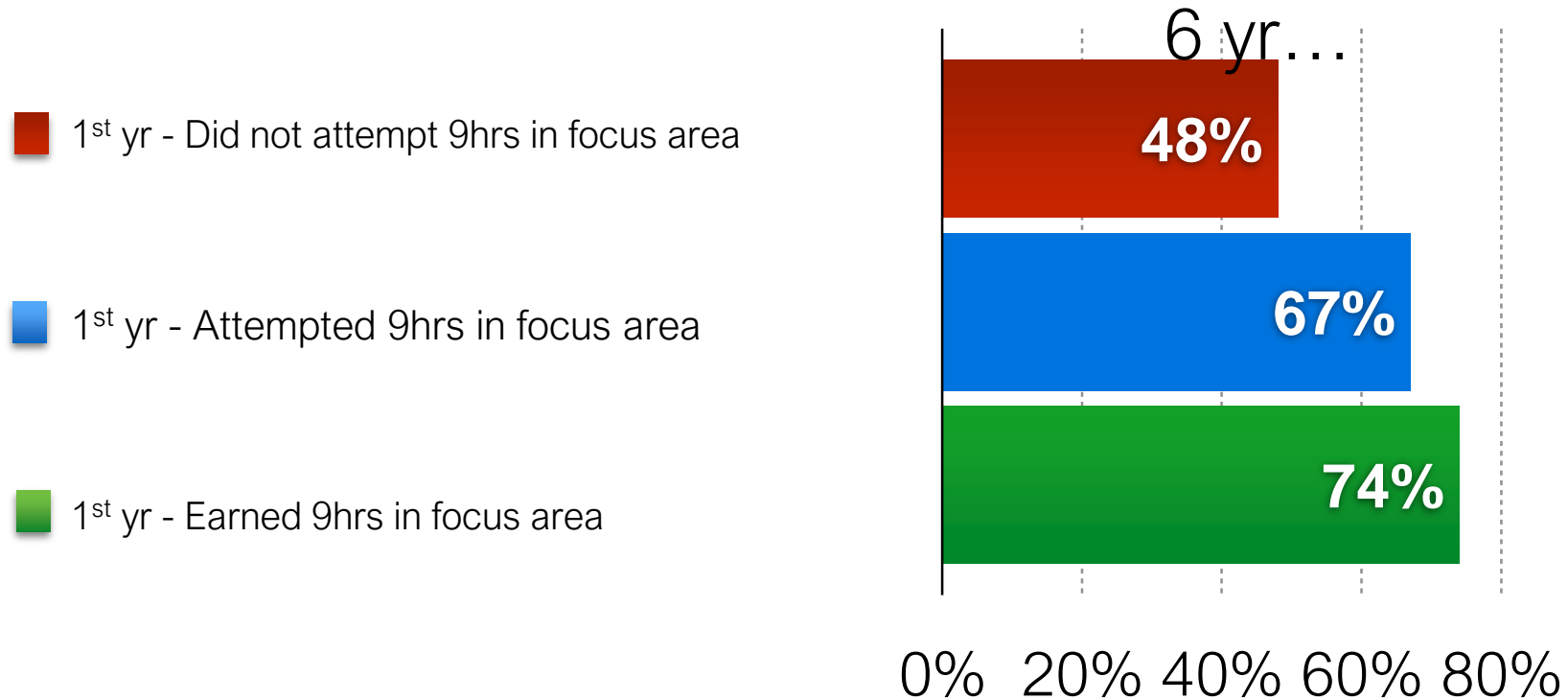
Business

Social  
Sciences

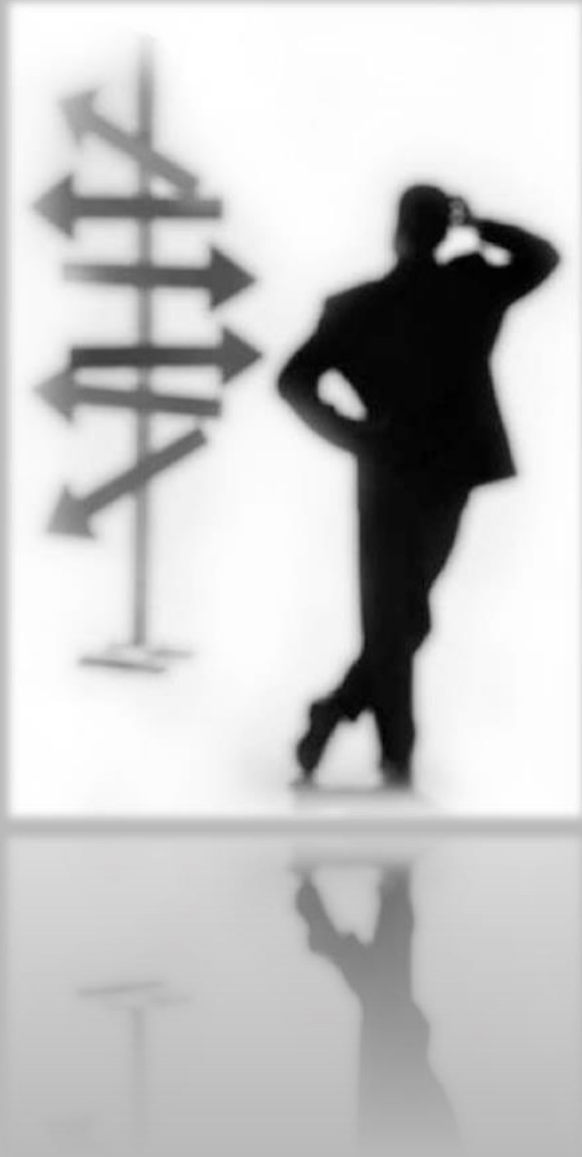
Education

Arts

# The effect of course enrollments in the first year on graduation rates





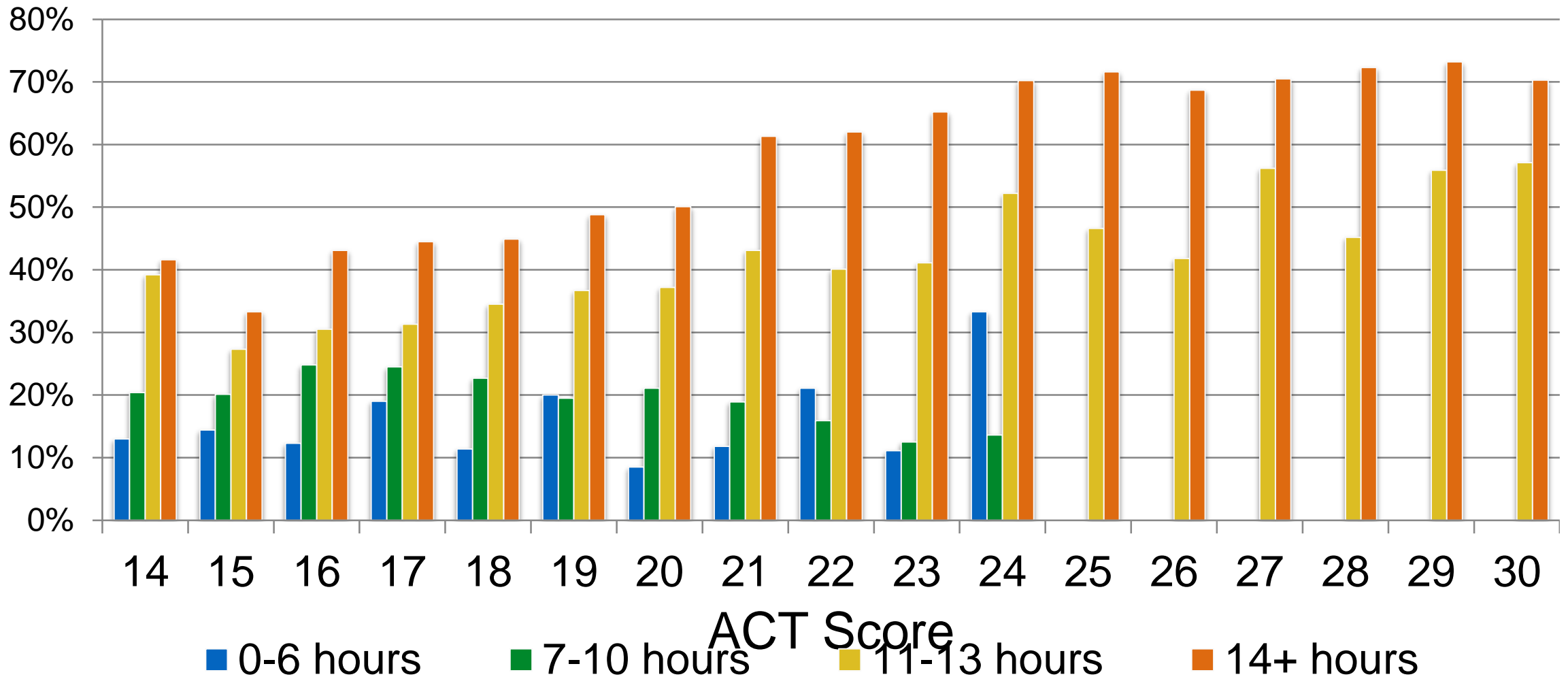


# PURPOSEFUL CHOICE

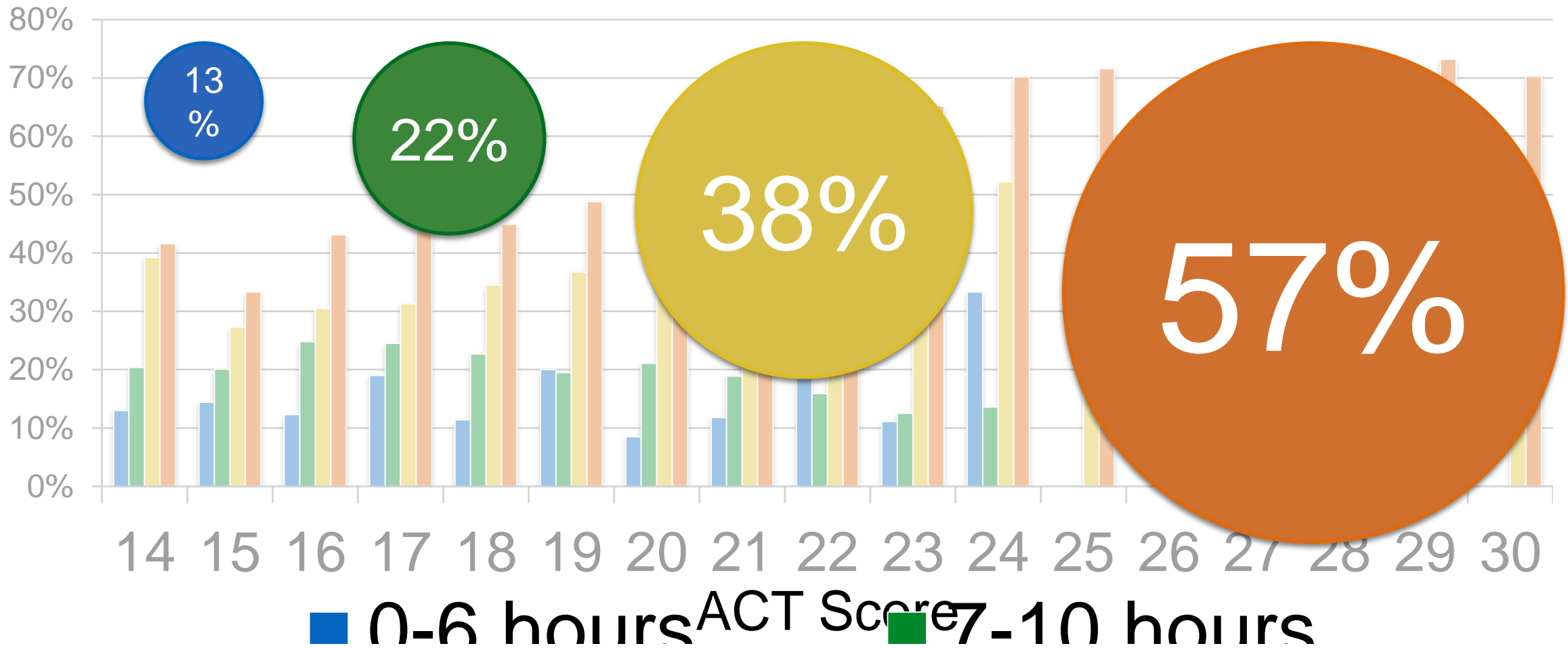
- Inform
- Discern
- Affirm

**BEGIN WITH THE  
END IN MIND**

# State University 6year Graduation Rates based on hours enrolled in First Semester



# State University 6year Graduation Rates based on hours enrolled in First Semester



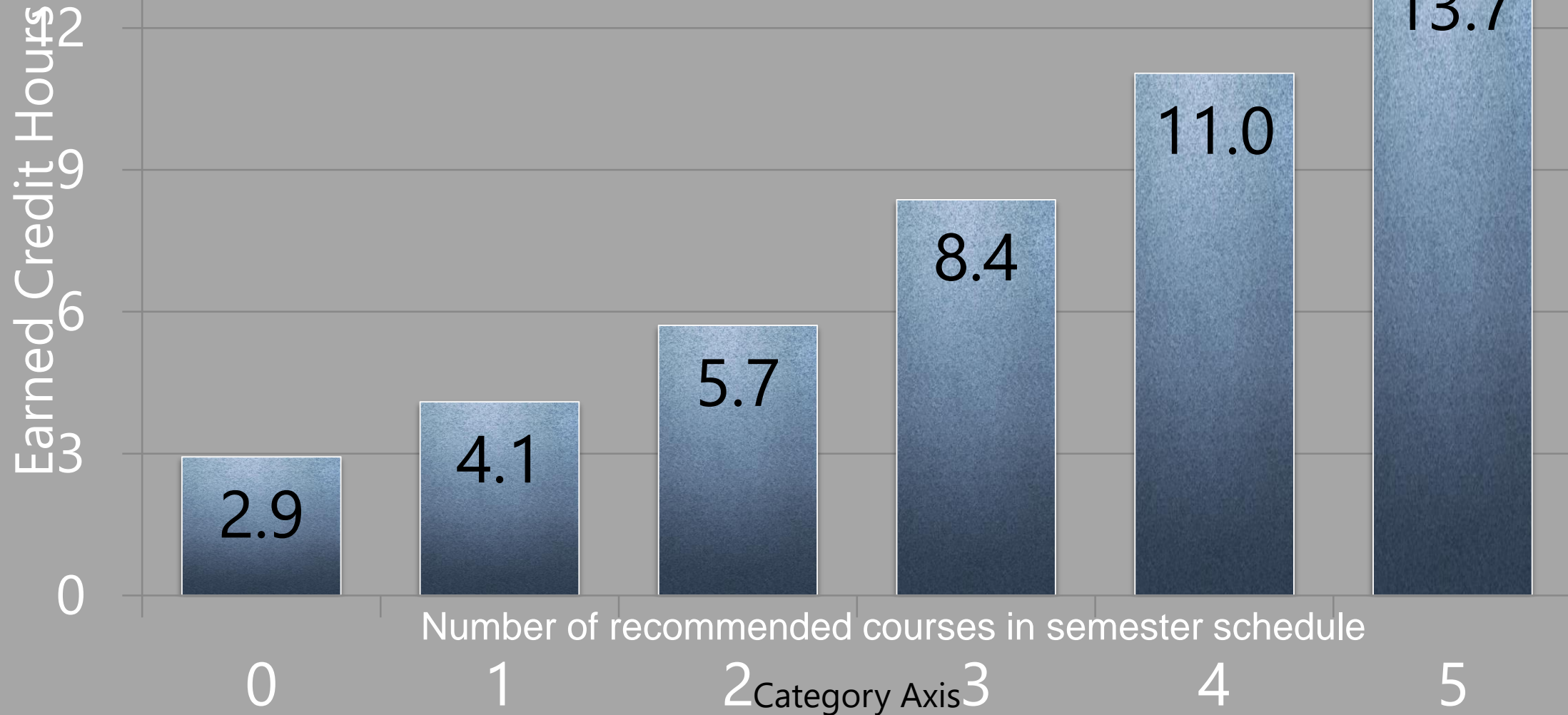
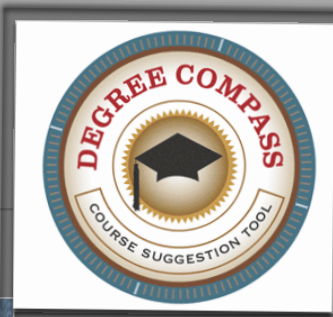


# Predictive Analytics





# Comparison of average earned hours in a 12-hour scheduledisaggregated by the number of recommended classes





# USG Momentum Year

Making a *purposeful* program choice

Creating a *productive* Academic Mindset

Attempting the right *30 hours* of a *Clear Pathway*

Attempting *9 hours* in Academic Focus

Complete initial English and  $\text{M}\alpha\tau\text{h}$

The background is a vibrant blue with various mathematical symbols and numbers scattered across it. Some symbols are sharp and bright, while others are blurred and dimmer, creating a sense of depth. Visible symbols include the number '2', a division sign, the number '5', a plus sign, the number '9', an equals sign, a minus sign, and the number '0'.

# WHAT DATA SAYS ABOUT THE IMPACT?

Since 2013...

**Community College  
3yr Graduation Rate**



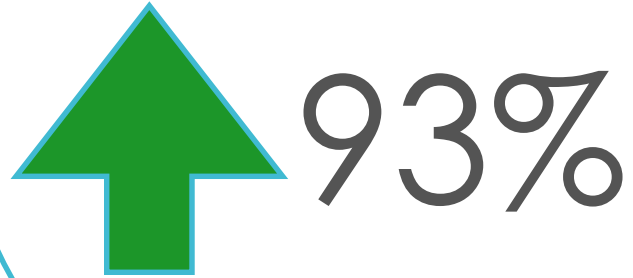
**University  
4yr Graduation Rate**





Since 2013...

**Community College  
3yr Graduation Rate**



**University  
4yr Graduation Rate**



**Under-represented Minority Students**





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