



THE COLLEGE SYSTEM
of TENNESSEE

Guiding a System along a Pathways' Journey

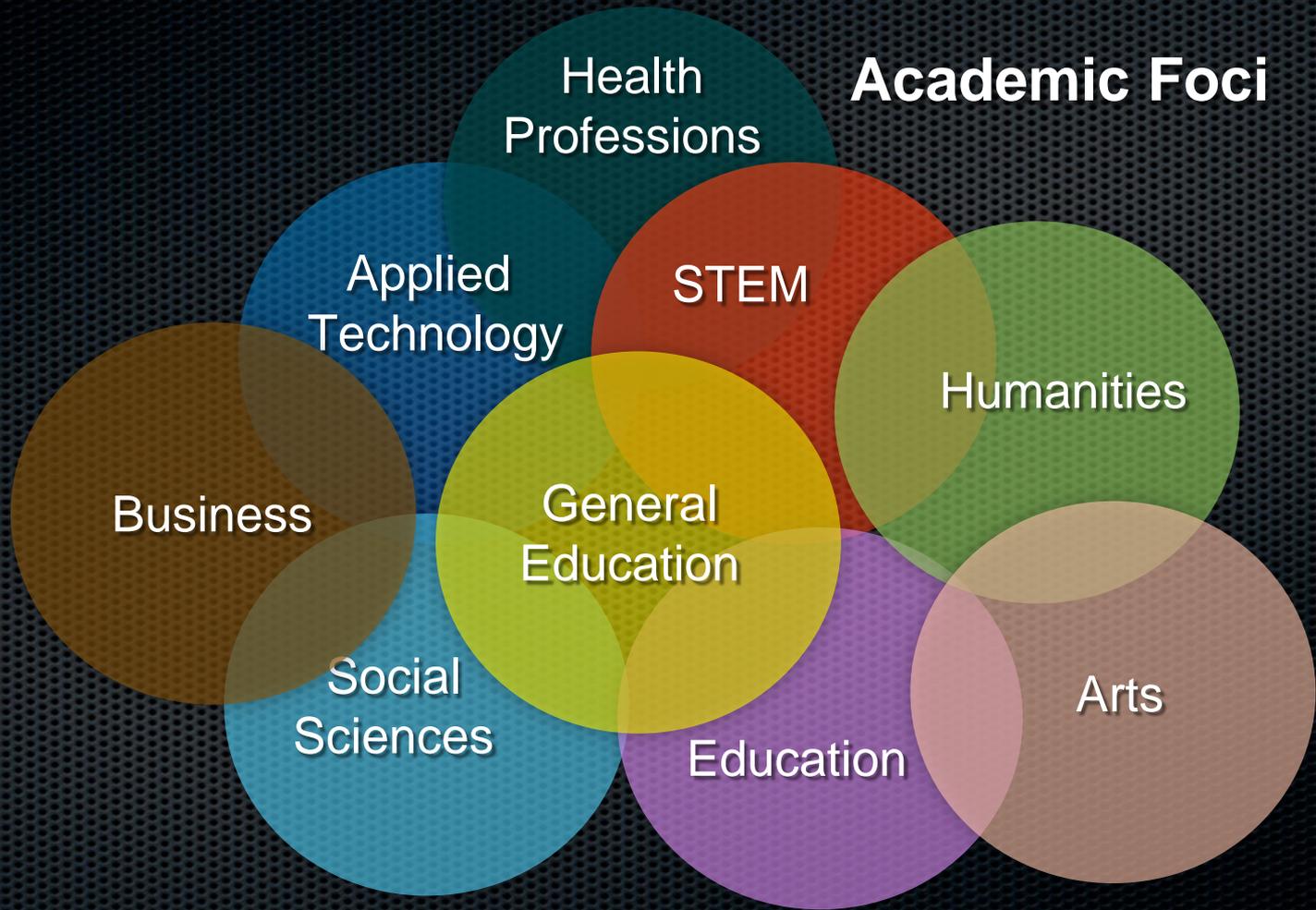
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Tennessee Board of Regents
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Twitter: @TDenley



Creating a
Clear
Path to
Success

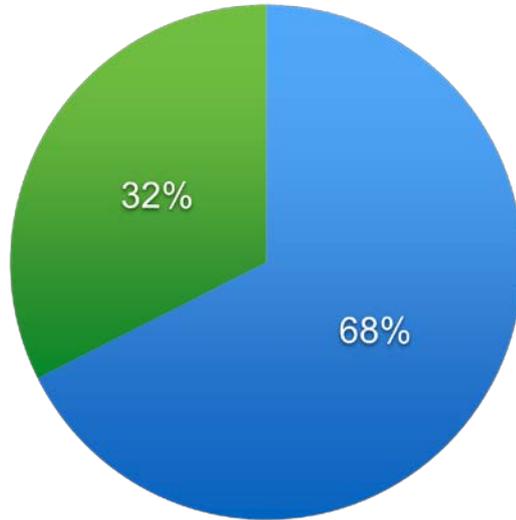


ARCHITECTED PROGRAM CHOICE

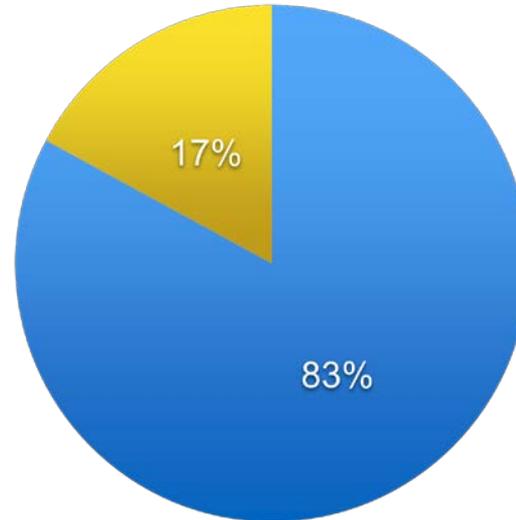


Enrollment Patterns for Incoming University Freshmen

Freshmen 2013-14



Freshmen 2015-16



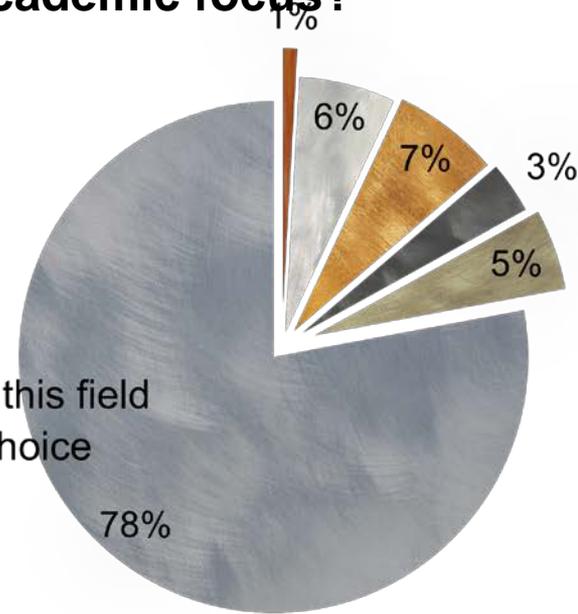
■ Declared

■ Undeclared

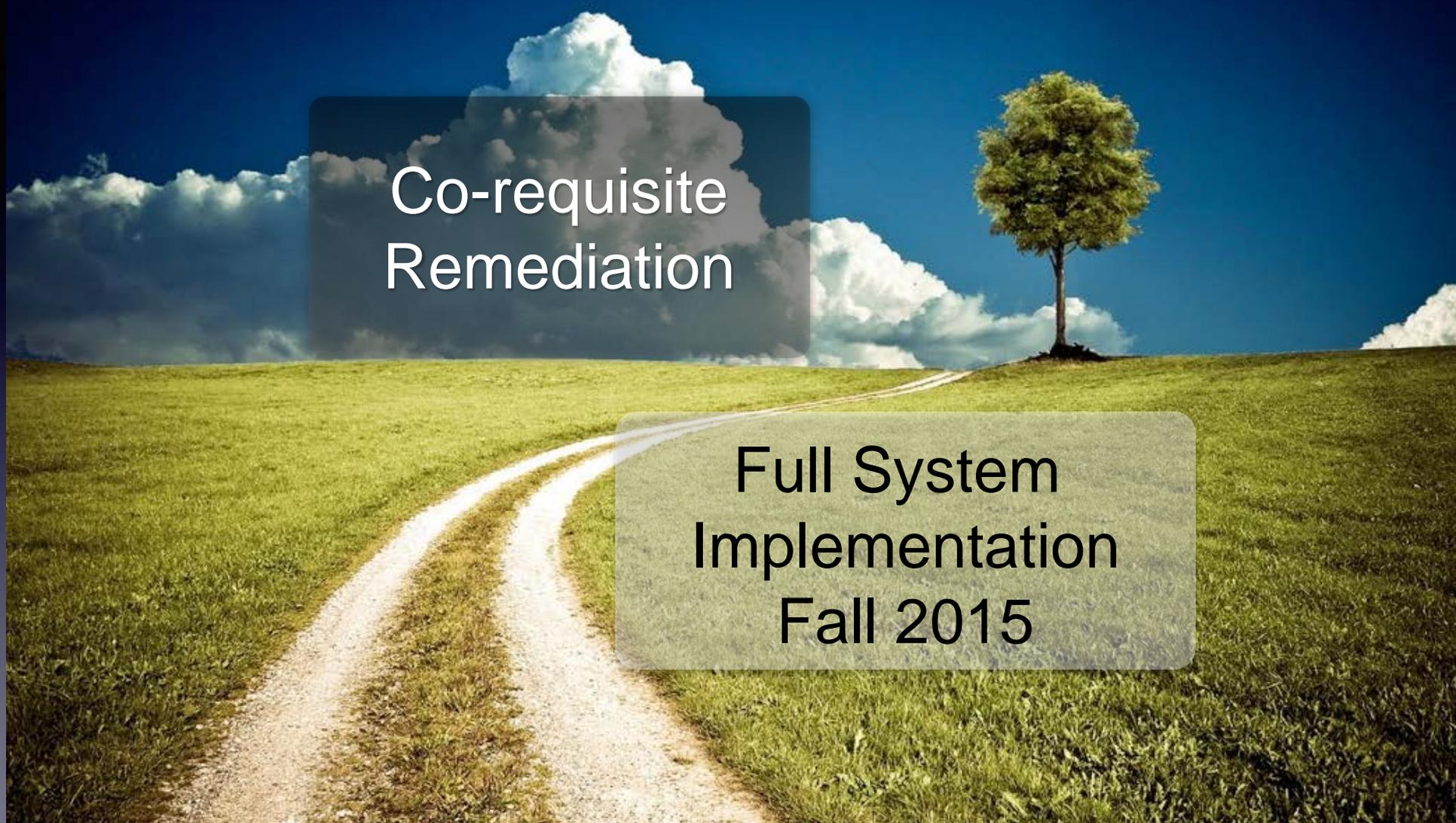
How did the existence of academic foci affect student program choice?

Why did you pick your program or academic focus?

- I Had to Pick Something
- I have not selected a final major yet
- The salary potential is attractive to me
- I know someone who majored or works in this field
- My parents or an advisor suggested this choice
- My interests lie in this area





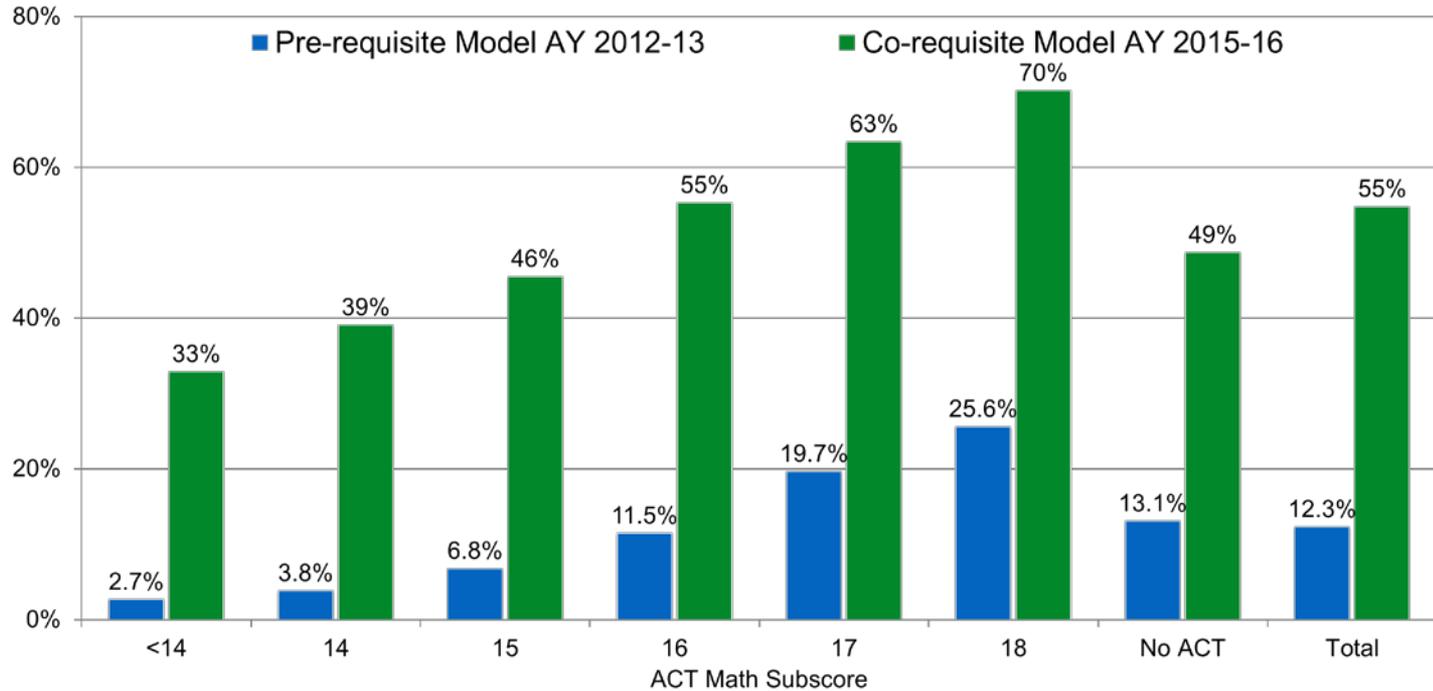
A scenic landscape featuring a dirt road that curves through a lush green field. In the distance, a single, full-canopied tree stands on a small hill. The sky is a deep blue with scattered white clouds. Two semi-transparent text boxes are overlaid on the image: one in the upper left and one in the lower right.

Co-requisite Remediation

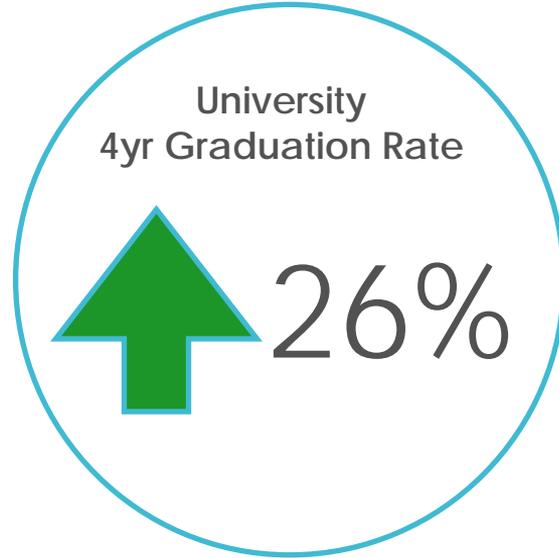
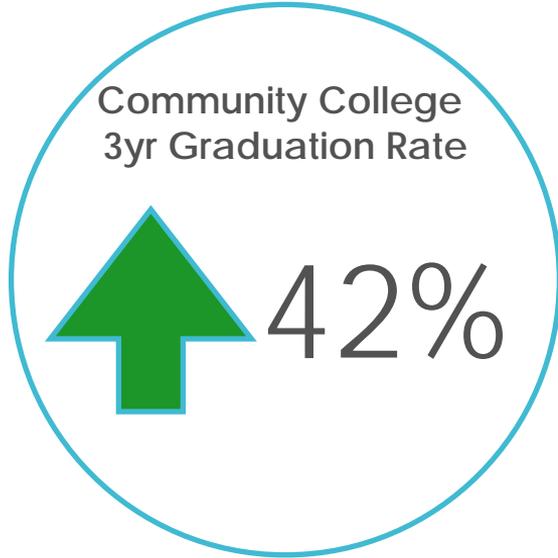
Full System
Implementation
Fall 2015

Completion of Gateway Math by ACT Sub-score

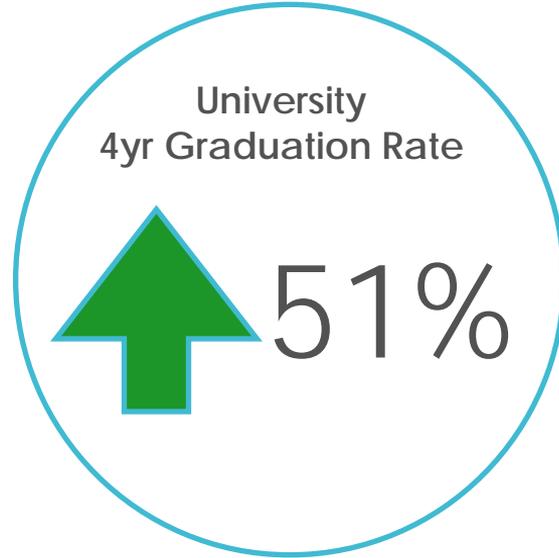
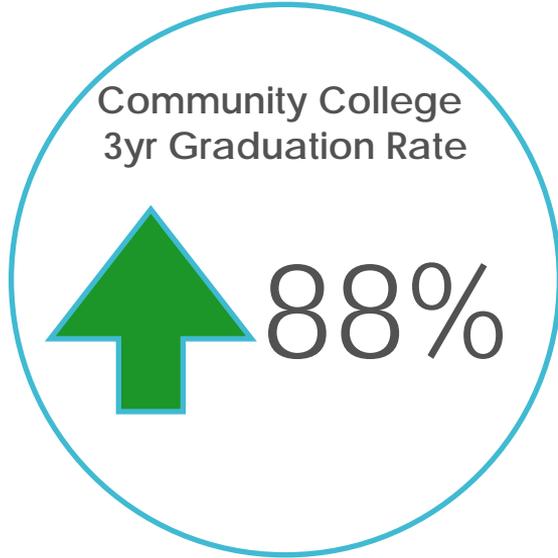
Community College Pre-requisite Model vs. Co-requisite Model

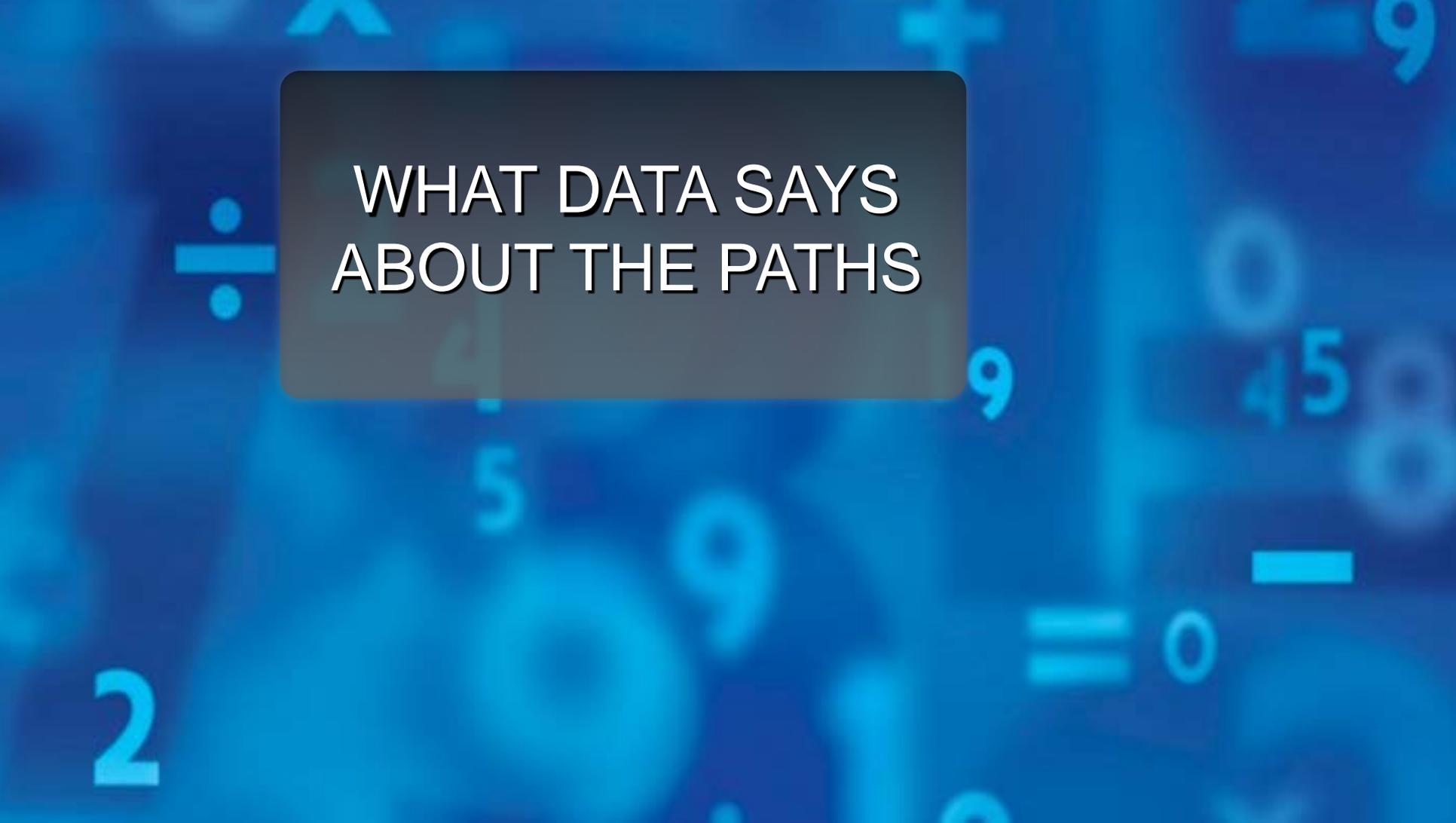


Since 2013...



Since 2013...



The background is a vibrant blue with various mathematical symbols and numbers scattered across it. Some symbols are sharp and clear, while others are blurred, creating a sense of depth. Visible symbols include the division sign, the number 2, 4, 5, 9, 0, and the equals sign.

WHAT DATA SAYS ABOUT THE PATHS

50000

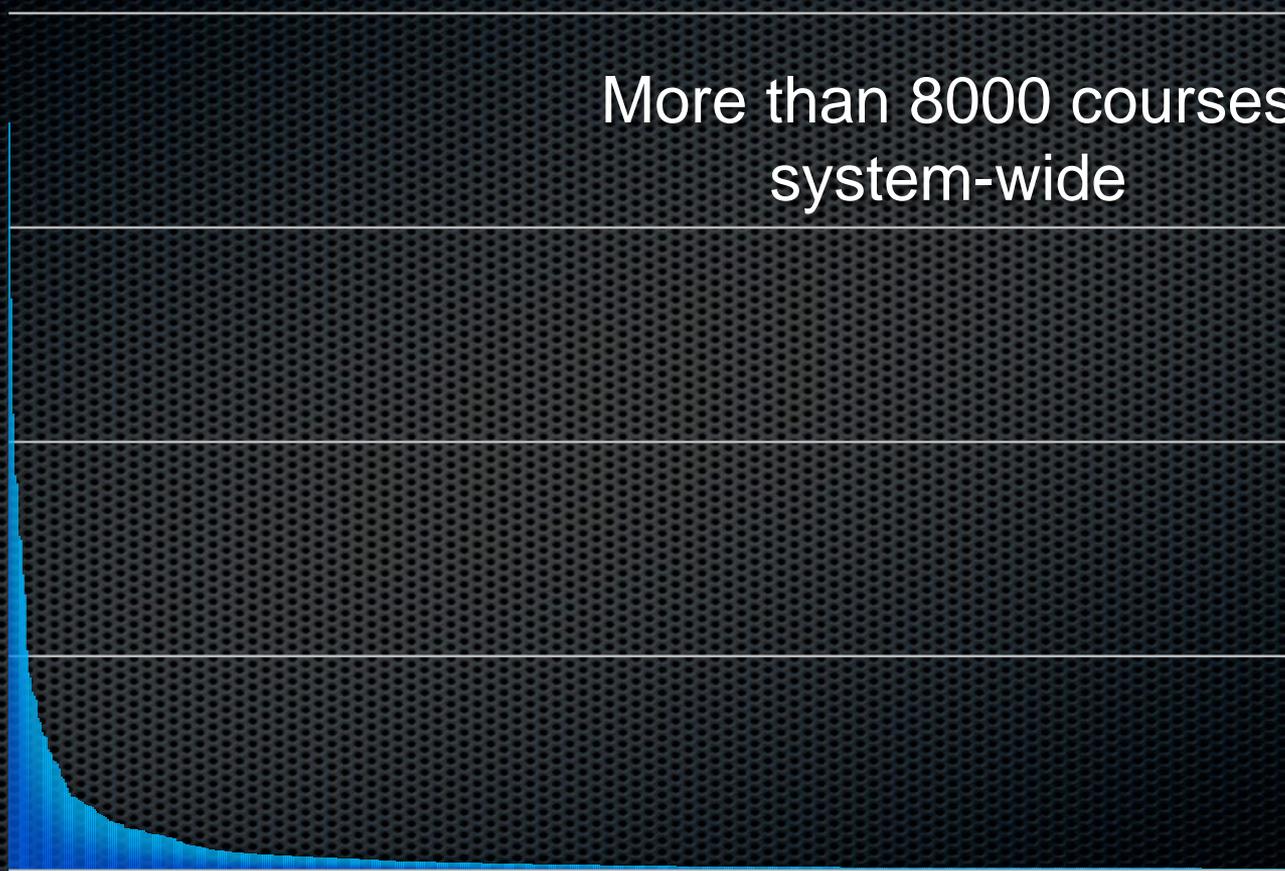
37500

25000

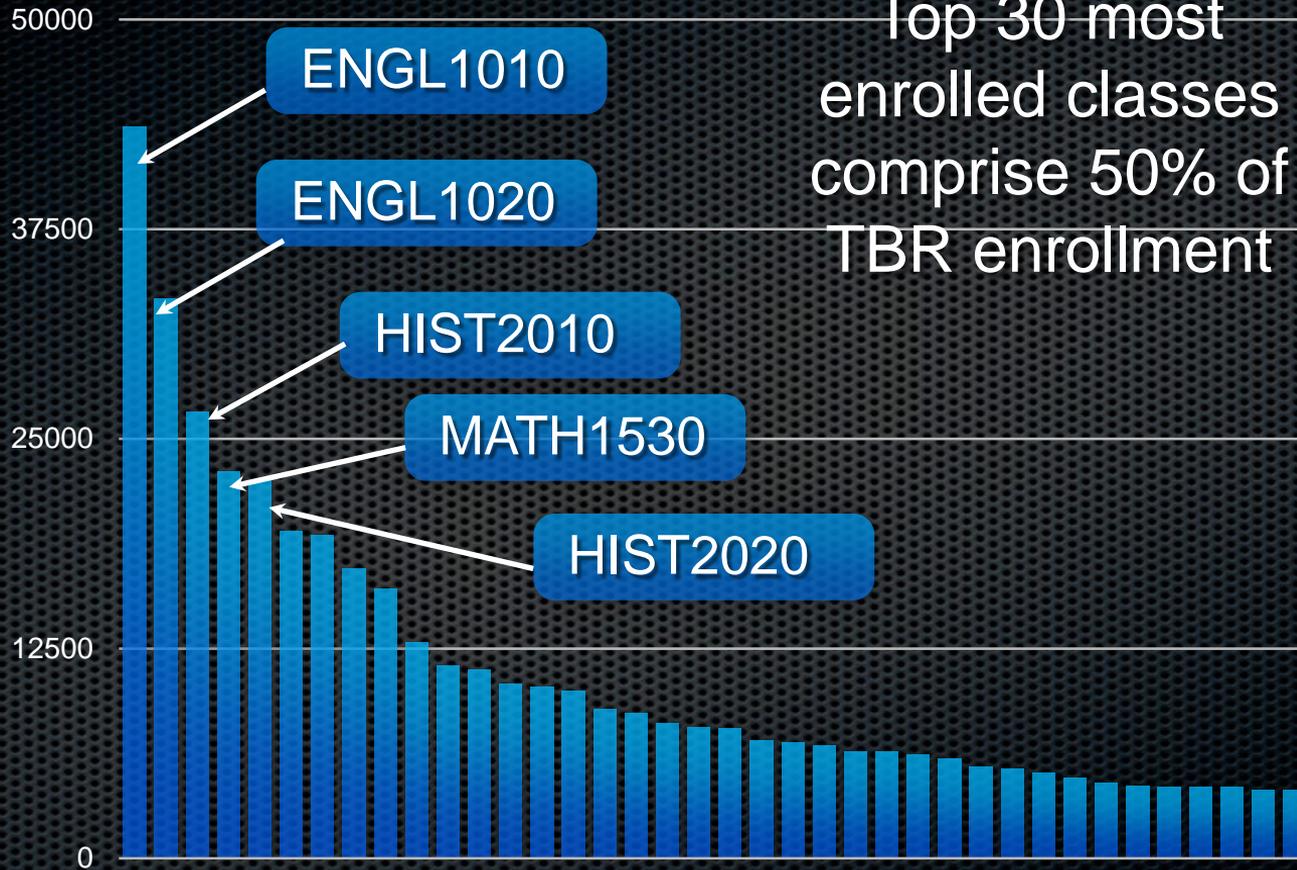
12500

0

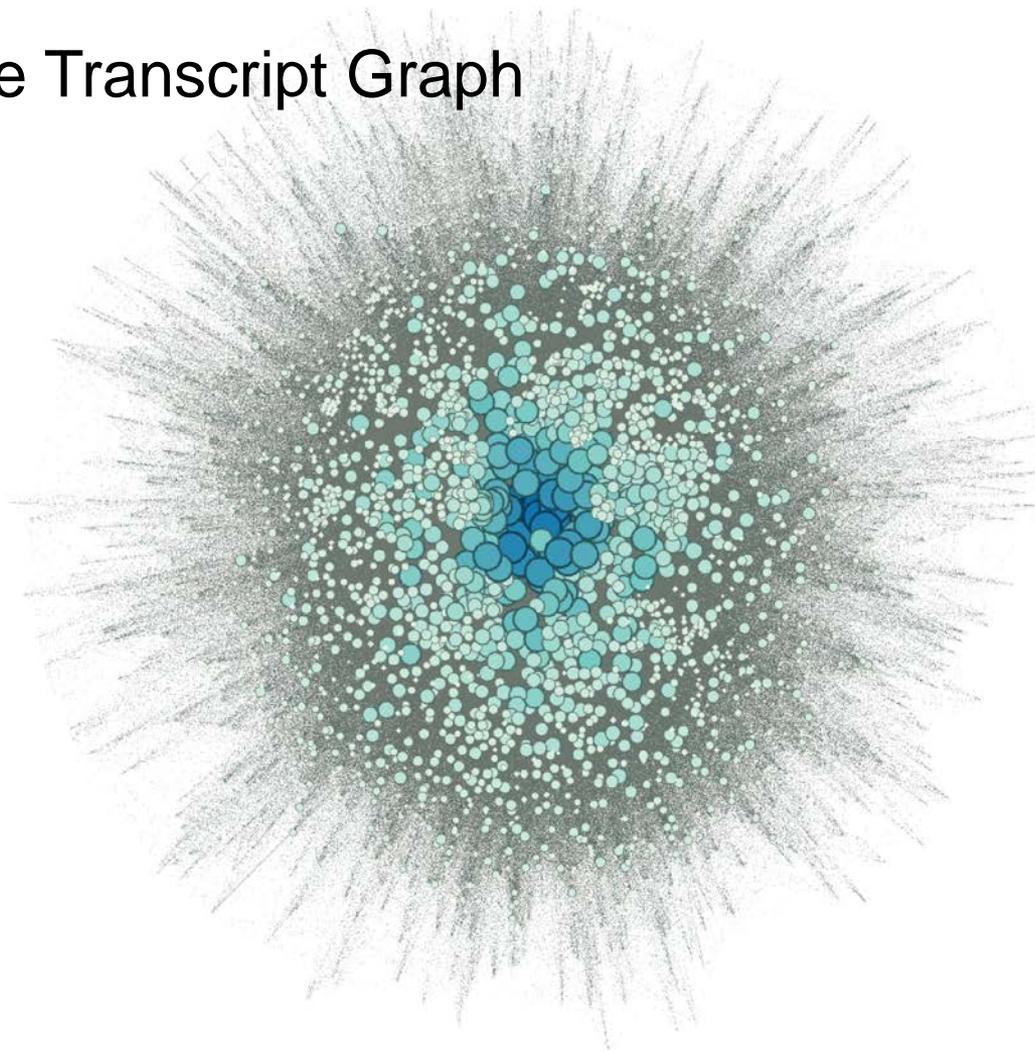
More than 8000 courses
system-wide



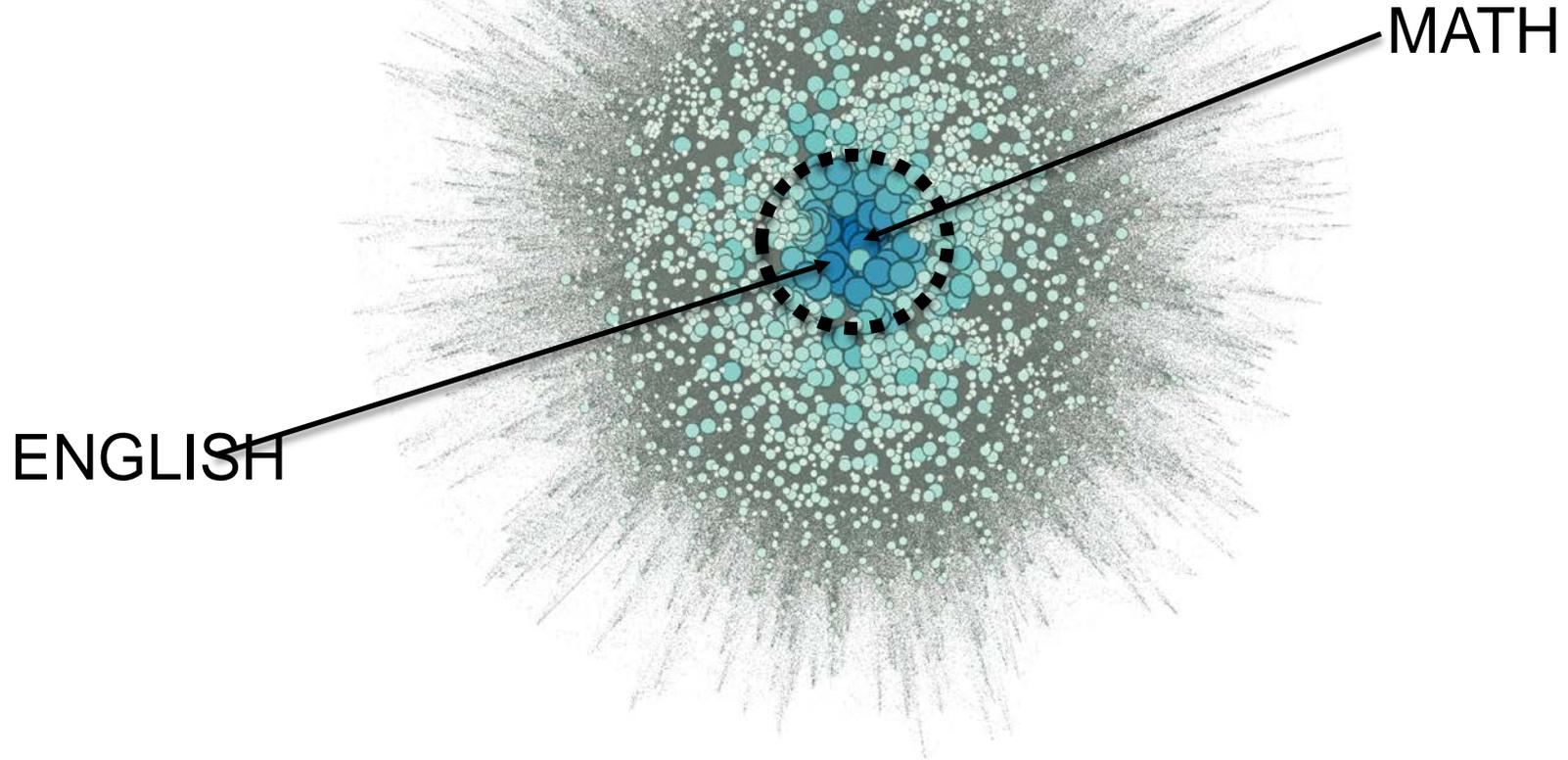
Top 30 most
enrolled classes
comprise 50% of
TBR enrollment



The Graduate Transcript Graph



The Graduate Transcript Graph



10,000 Community
College Students

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



10,000

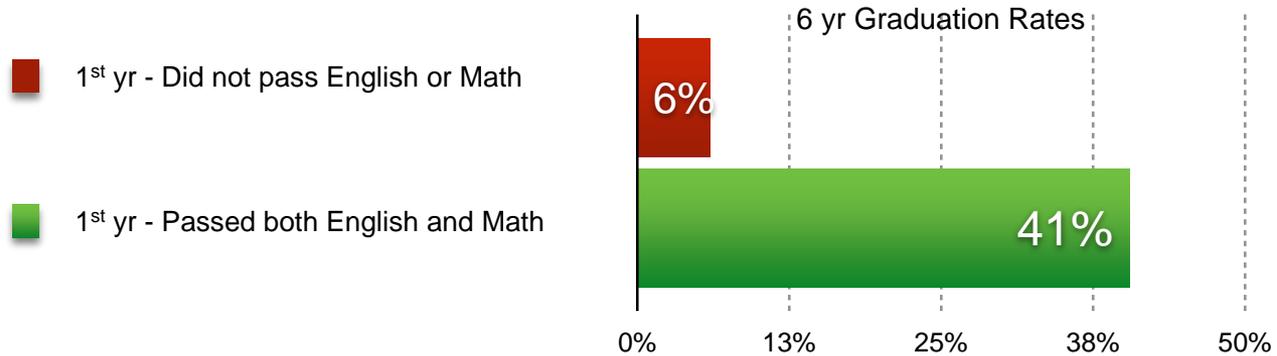
Community
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Graduation Rates for Community College

English and Math



Focus Courses

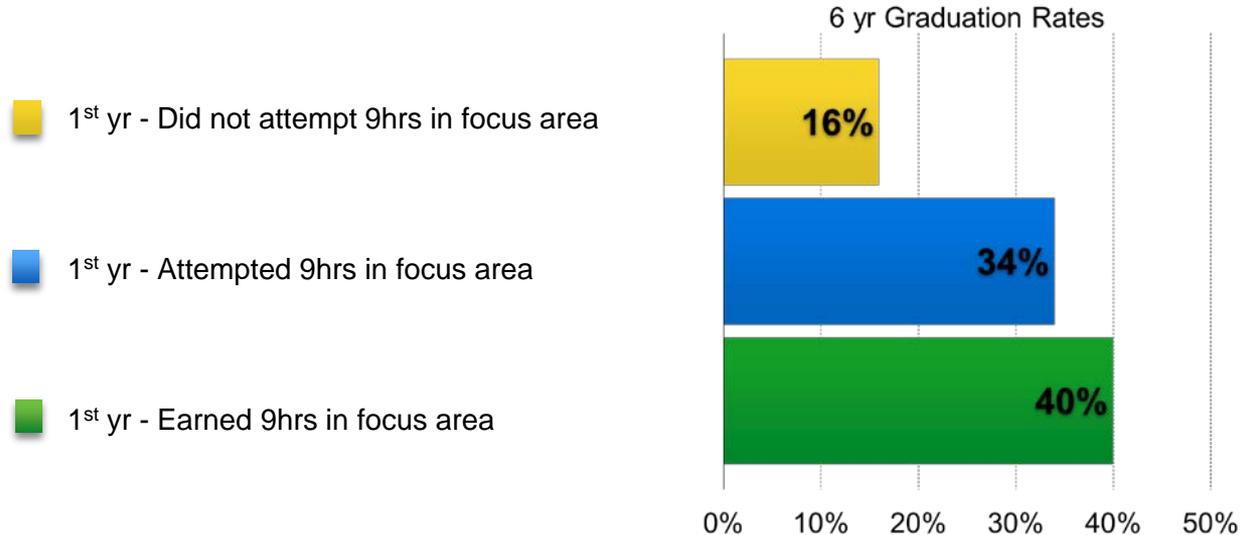


10,000
Community
College Students

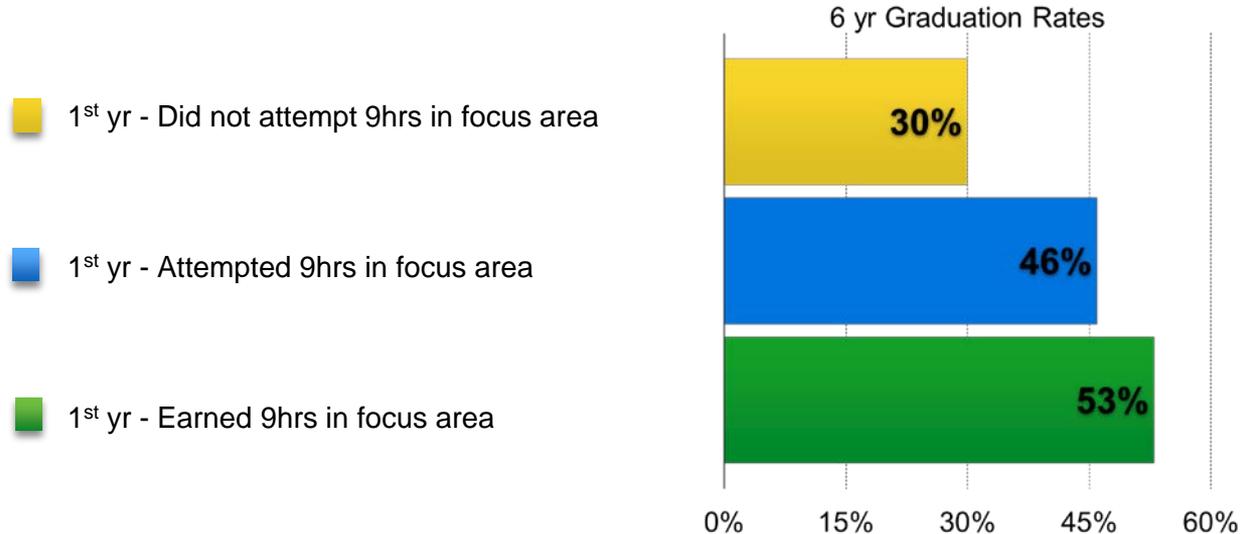
5,000 who
attempted 3
focus courses in
their first year
and **5,000** who
did not.



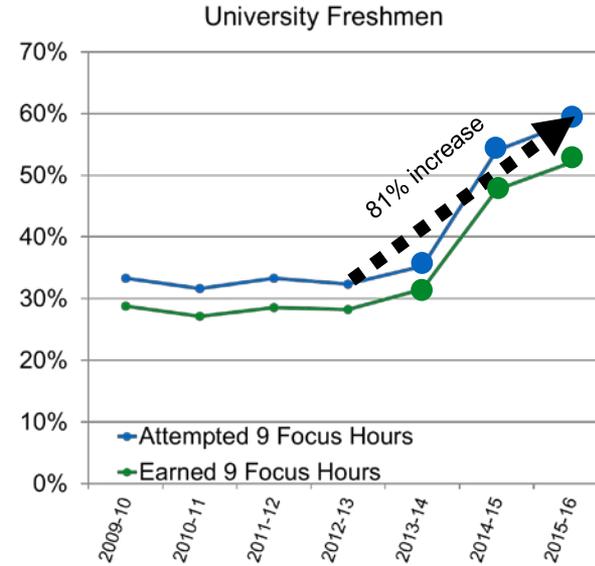
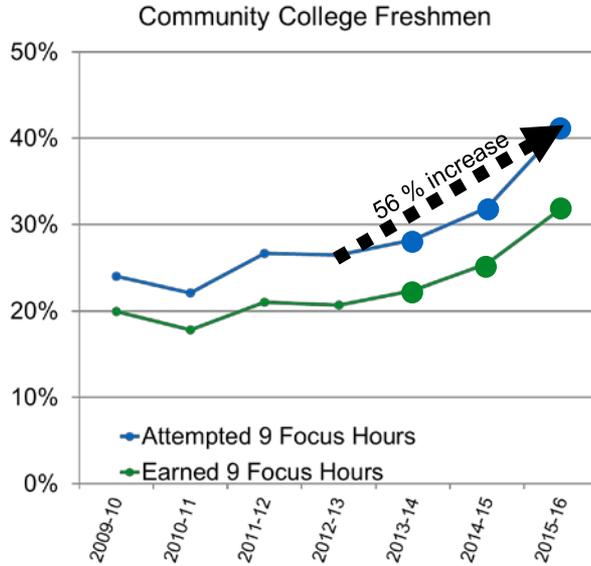
The effect of course enrollments in the first year on Community College graduation rates



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



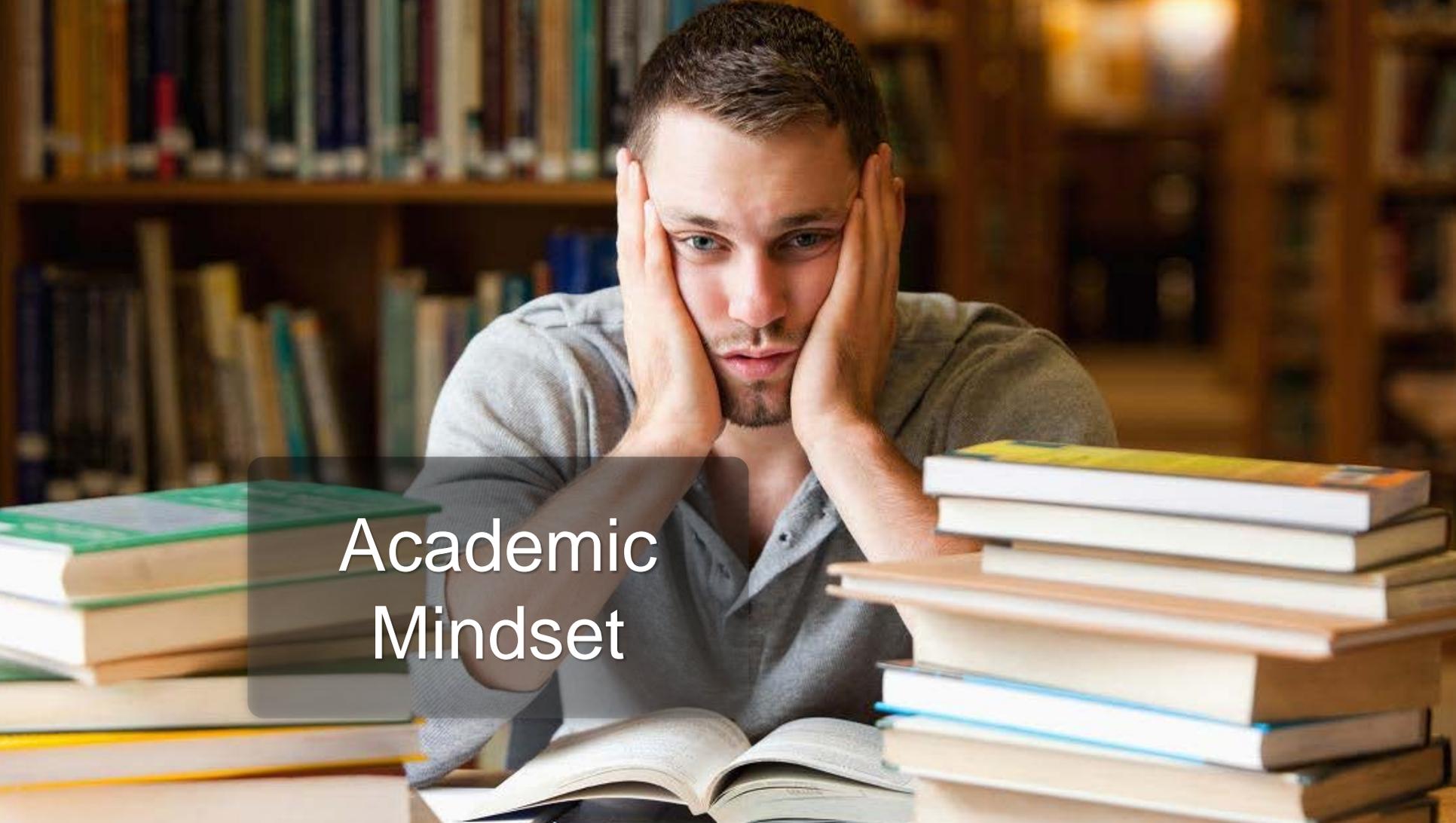
Incoming Freshmen who successfully completed at least 9 hours in their focus during their 1st Academic Year



10,000
Community
College
Students

5,000 who
attempted 3
focus courses in
their first year
and **5,000** who
did not.



A young man with short dark hair and a light beard is sitting at a desk in a library. He is looking directly at the camera with a weary expression, his hands pressed against his temples. In front of him is an open book. To his left and right are large stacks of various books. The background is filled with bookshelves, creating a sense of a vast library. The lighting is warm and focused on the man.

Academic Mindset

Perceived Purpose of Coursework

| | Low Perception | High Perception | Difference | Effect size |
|---|----------------|-----------------|------------|-------------|
| Math Co- Requisite Success Rate | 60.2% | 66.5% | 6.3% | 2.08 |
| Writing Co- requisite Success Rate | 61.3% | 70.8% | 9.5% | 3.73 |
| Earned Hour% | 65.1% | 72.5% | 7.4% | 4.85 |
| Fall to Spring Retention Rate | 72.4% | 77% | 4.6% | 2.62 |

Math Pathways

