



E3 Alliance

HB3 and HB5: A Look Ahead, A Look Back

February 25, 2020



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EDUCATION EQUALS ECONOMICS

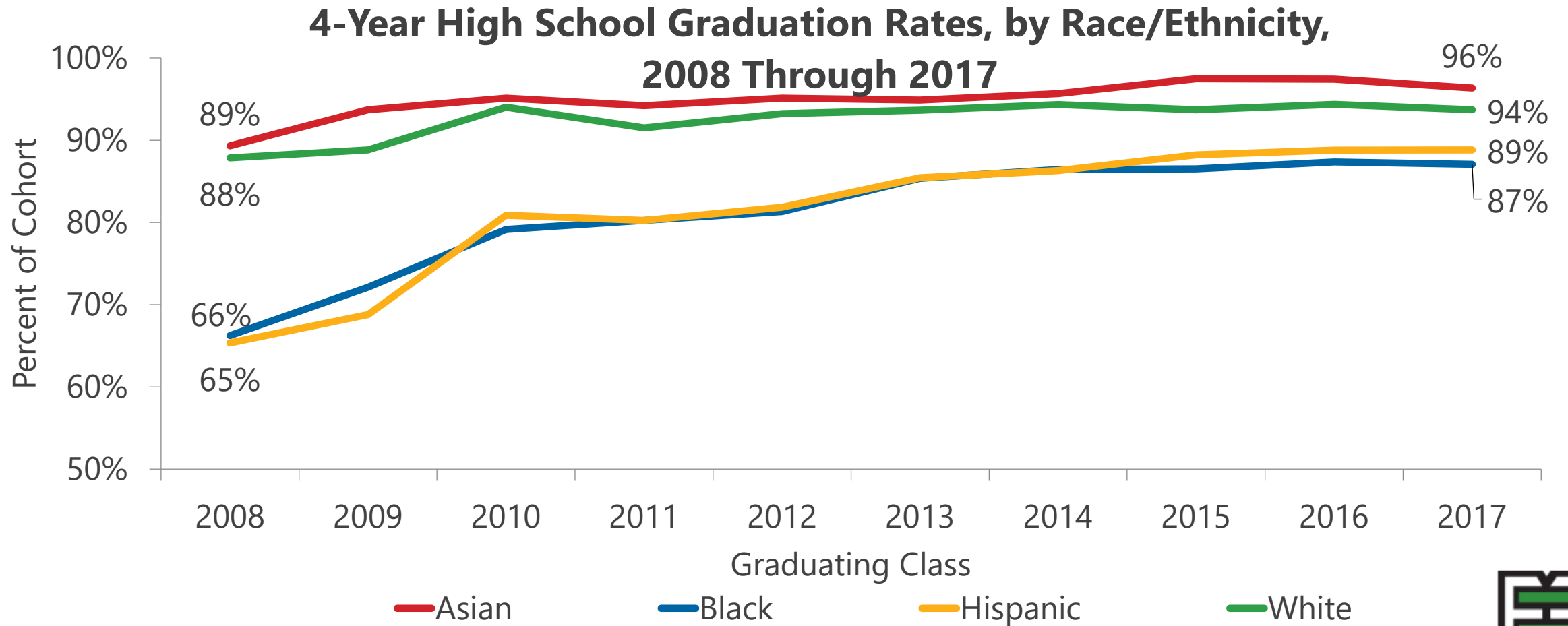
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Agenda

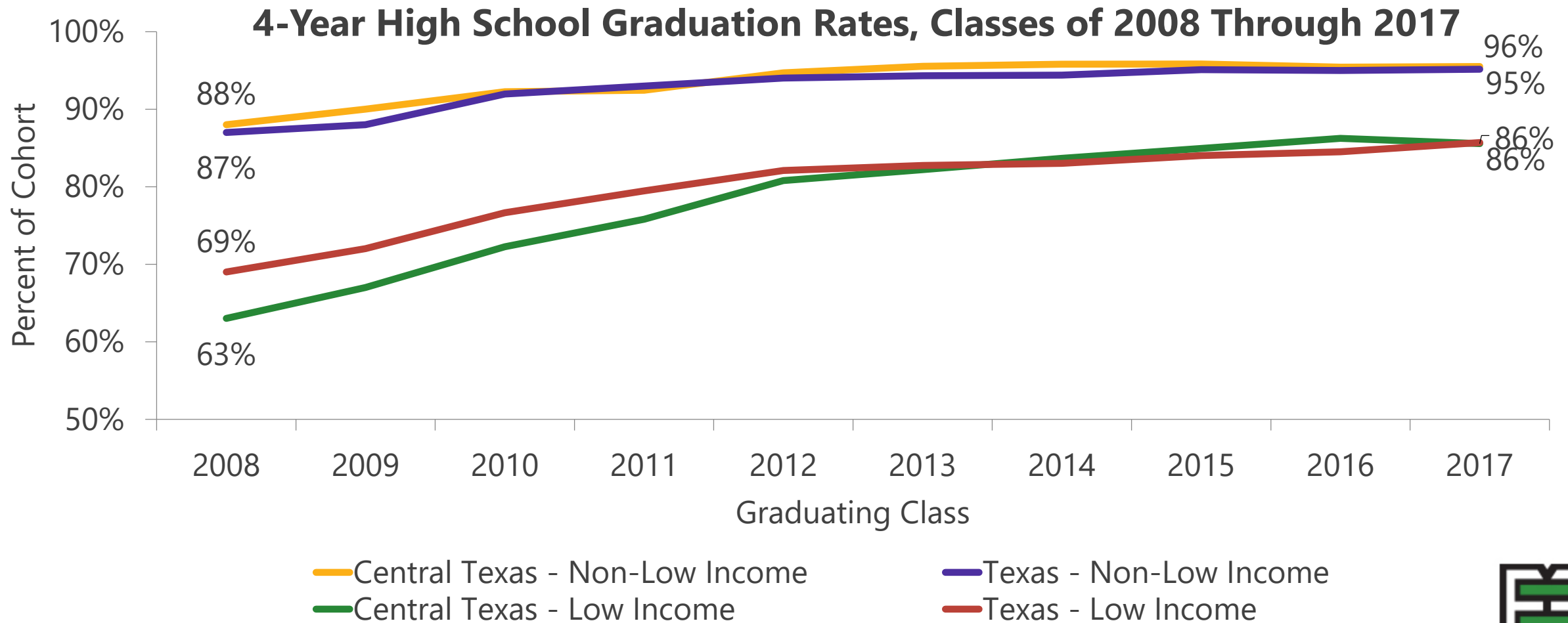
- Welcome
- Setting the Context for HB5
- Preliminary Look at HB5 Impact
- What Happens after High School?
- What's to Come with HB3?



Gaps in High School Graduation Rates Declined Significantly Over Past Decade

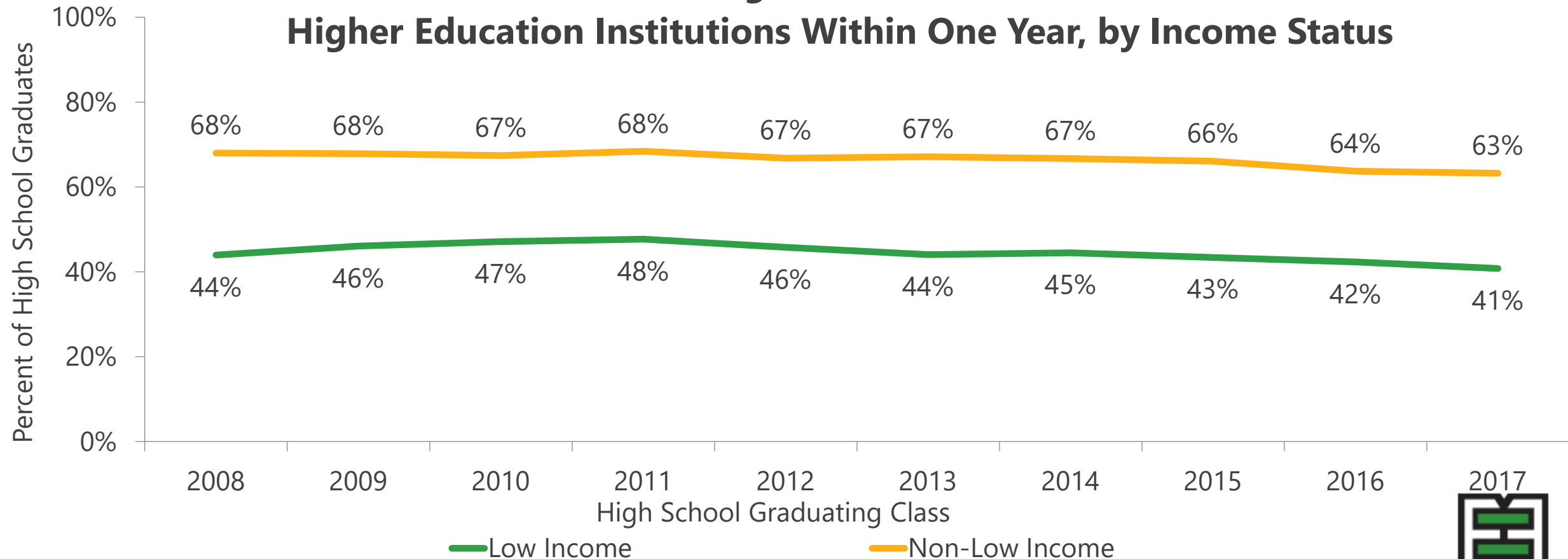


Slow Gains in Graduation Rates for Low-Income Students



Higher Ed Enrollment Rates Declining

Percent of Central Texas High School Graduates Enrolled in Texas Higher Education Institutions Within One Year, by Income Status



HB5 Overview

- Foundation High School Program
 - Earn 22 core credits to graduate
 - Lowered requirements for math course taking and end-of-course exams
- Endorsements
 - Related series of courses that are grouped together by interest or skill, 4 additional credits
 - Students must select endorsement upon entry to 9th grade



First HB5 Cohort Graduated in 2018!



Analyzing the Data

To meet the needs of our region
in a globally competitive economy, how might
HB5 influence student outcomes?



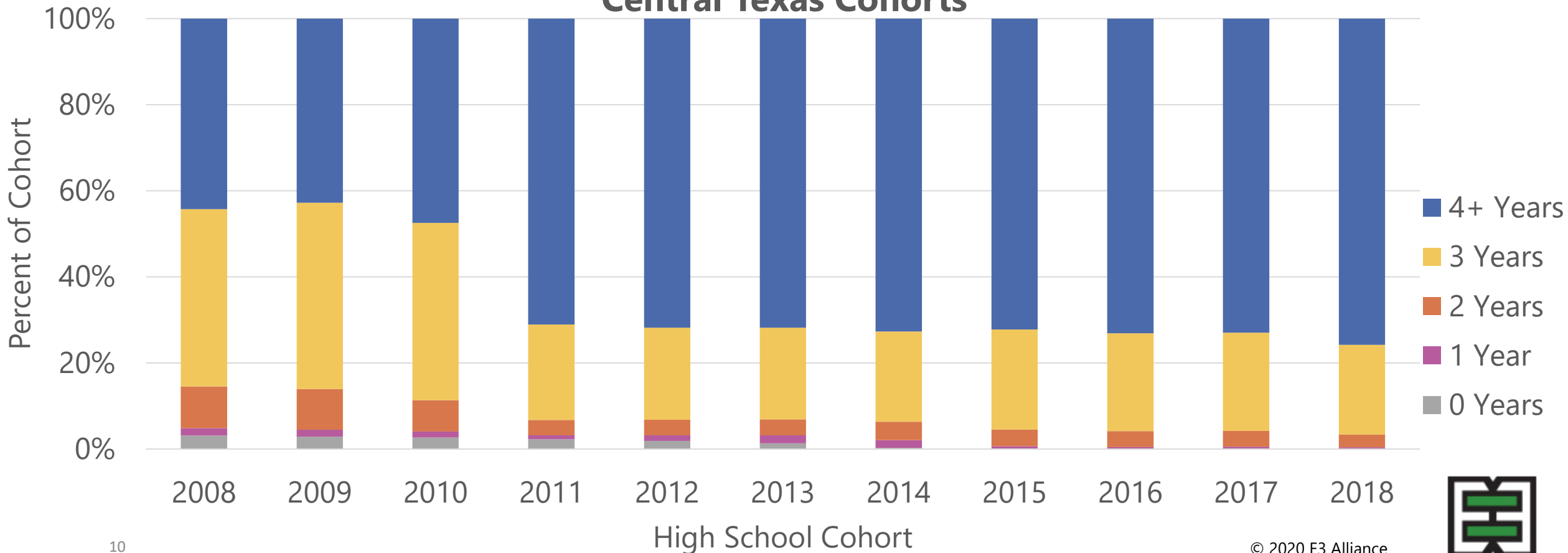
Changes to Math Course Taking in HB5

- Prior Cohorts Required to Take 4 Years of Math and Science
- Foundation High School Program Changed Math Requirements
- Changes to End-of-Course Exams

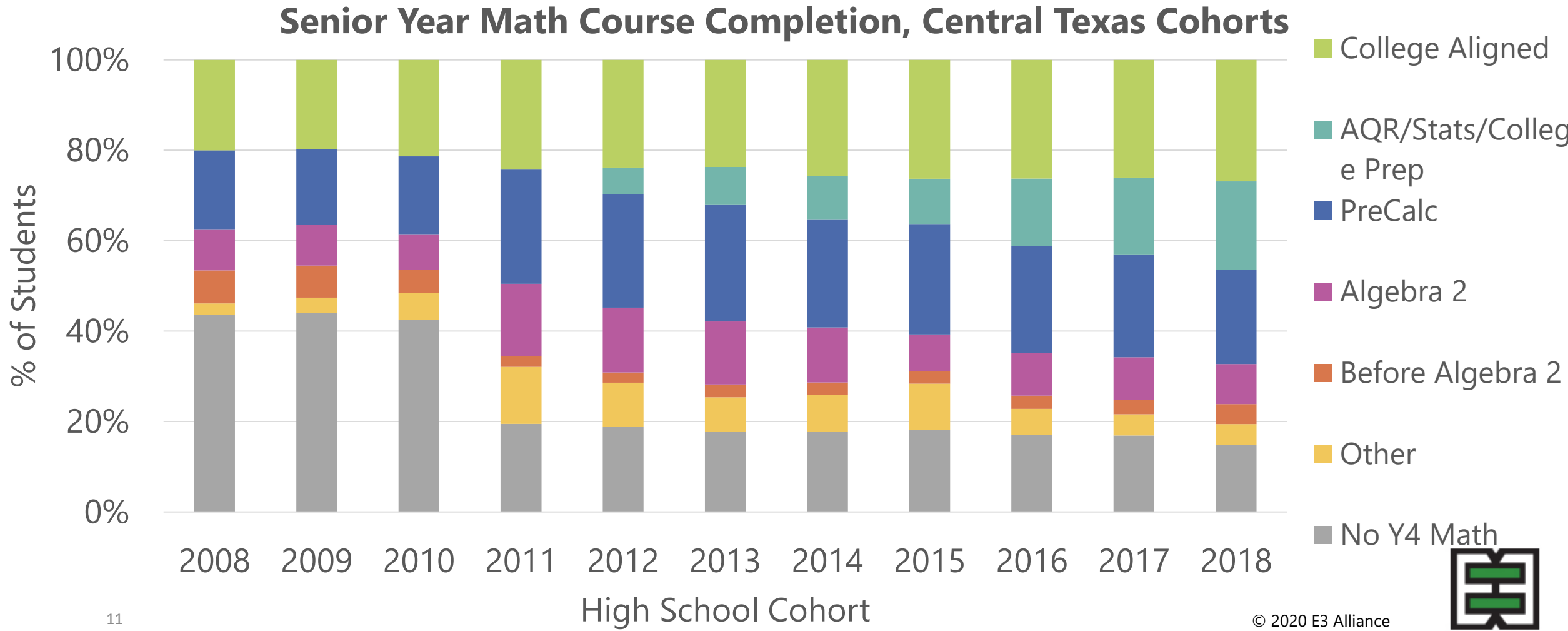


Number of Students Taking 4+ Years of Math Increased in 2011 and Remained Constant

Number of Students Taking 0-4 Years of Math During High School,
Central Texas Cohorts



Increase in Math Advanced Course Offerings in Students' 4th Year



Analyzing the Data

What surprised you the most regarding the data?



Analyzing the Data

How might we impact this topic?

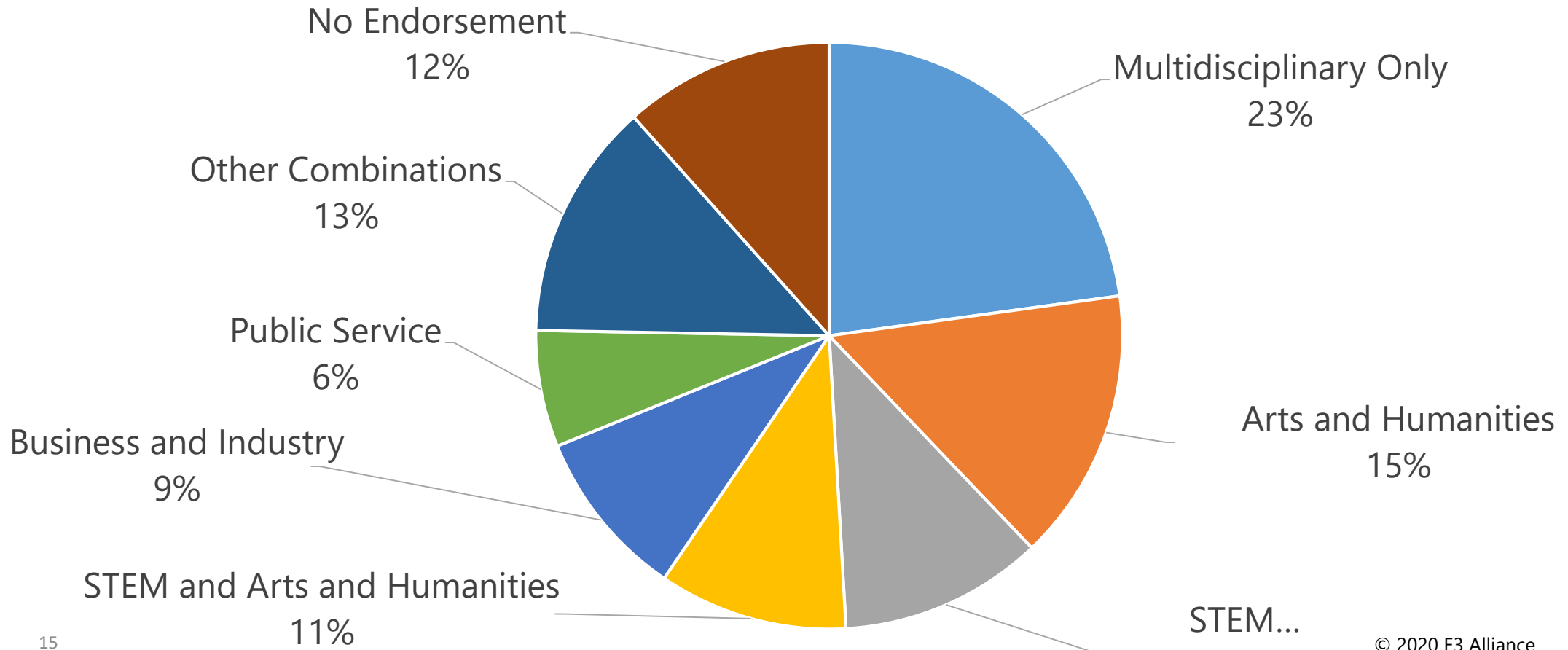


HB5 Endorsements

| Endorsement | A Coherent Sequence or Series of Courses Selected from One of the Following: |
|---------------------------|--|
| STEM | • STEM Career Cluster • Computer Science • Mathematics • Science |
| Business and Industry | Agriculture, Food, & Natural Resources; Architecture & Construction; Arts, Audio/Video, Technology & Communications; Business Management & Administration; Finance; Hospitality & Tourism; Information |
| Public Services | Education & Training; Government & Public Administration; Health Science, Human Services; or Law, Public Safety, Corrections, and Security Career Cluster • JROTC |
| Arts and Humanities | • Social Studies • Two levels in each of Two Languages in Languages Other Than English • American Sign Language (ASL) • (Art, Dance, Music, and Theater) in Fine Arts |
| Multidisciplinary Studies | 4 credits in each of the 4 Foundation Subject • 4 credits in AP, IB, or Dual Credit Selected from Core Credits |

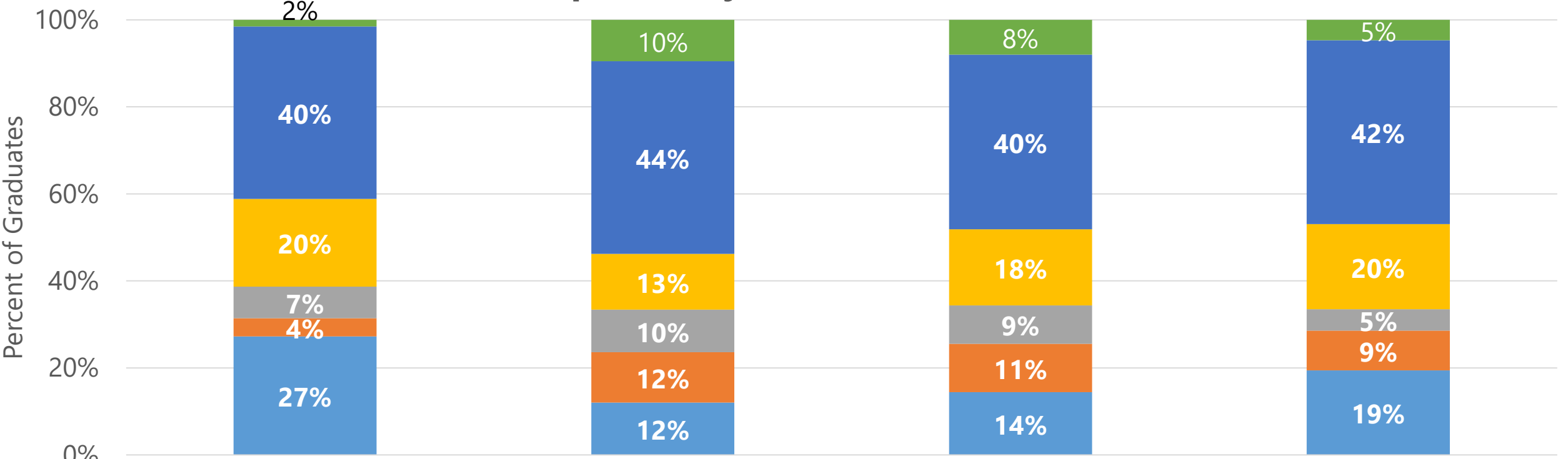
Multidisciplinary, Arts & Humanities, STEM are Most Common

Endorsement Completion, Central Texas HS Grads, Class of 2018



Few Differences in Endorsement Completion by Race/Ethnicity

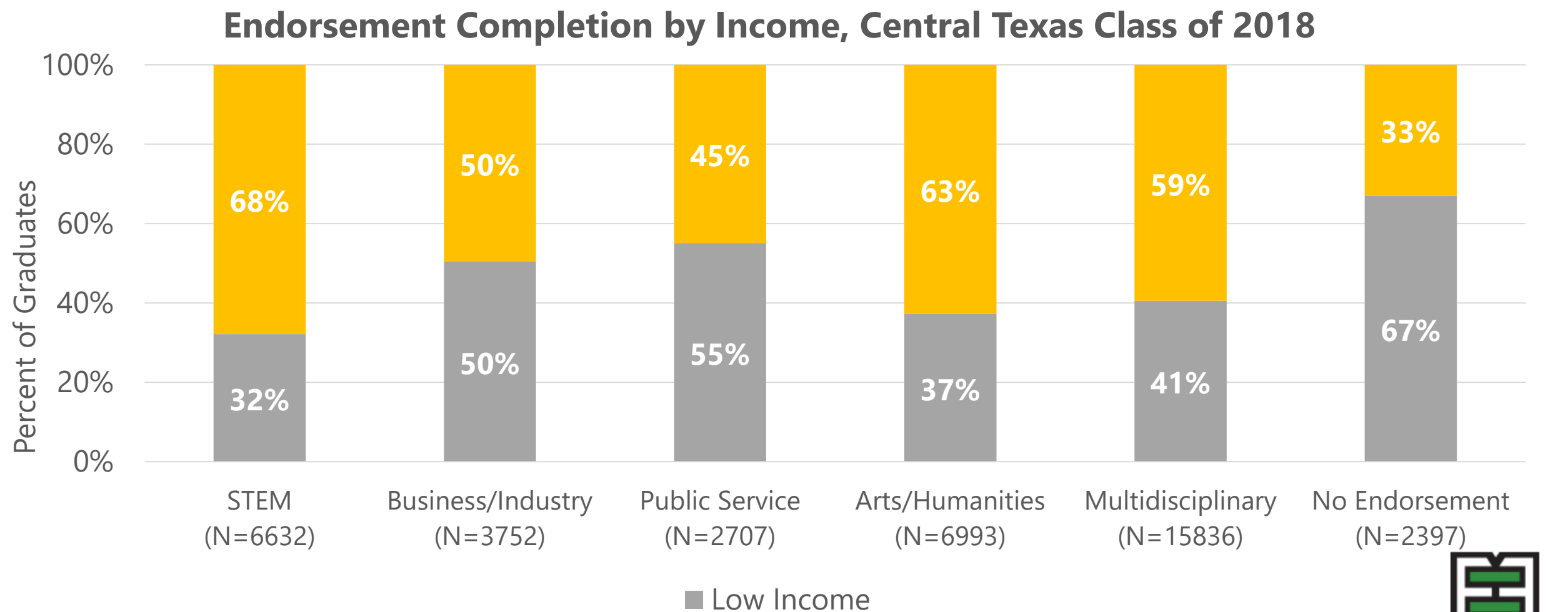
Endorsement Completion by Race, Central Texas Class of 2018



■ STEM ■ Business/Industry ■ Public Service ■ Arts/Humanities ■ Multidisciplinary ■ No Endorsement

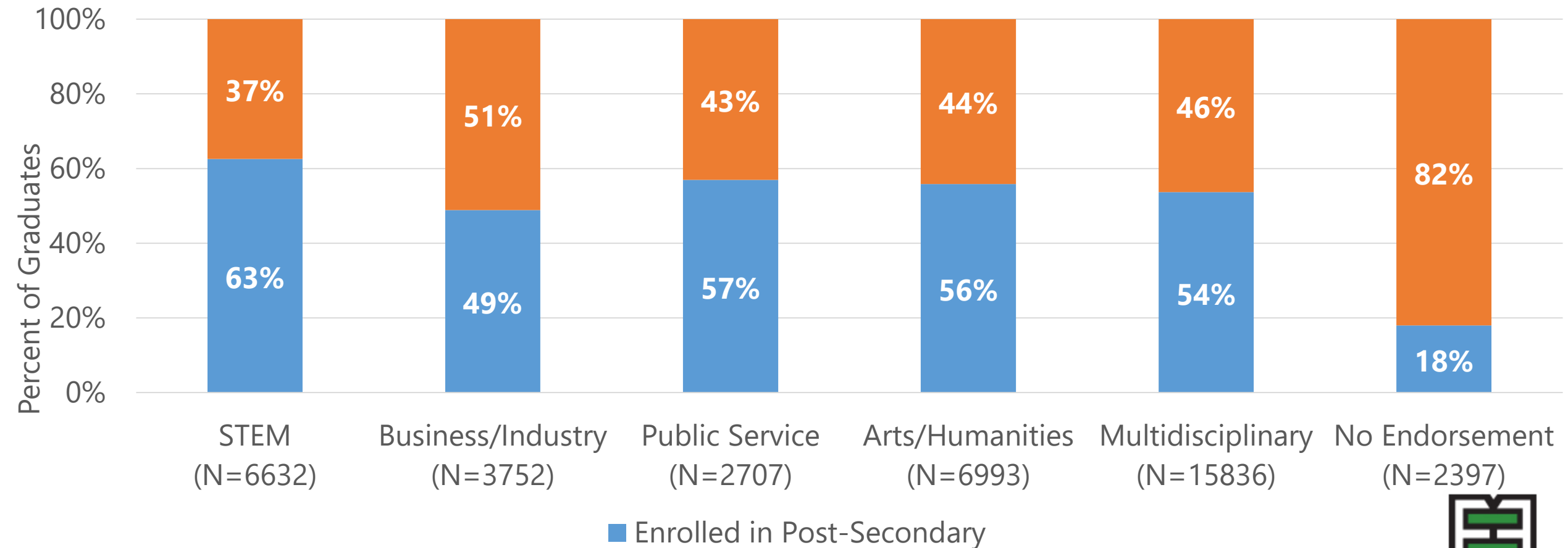


STEM, Arts/Humanities and Multidisciplinary More Common Among Non-Low-Income Students, Public Service and No Endorsement Among Low-Income Students



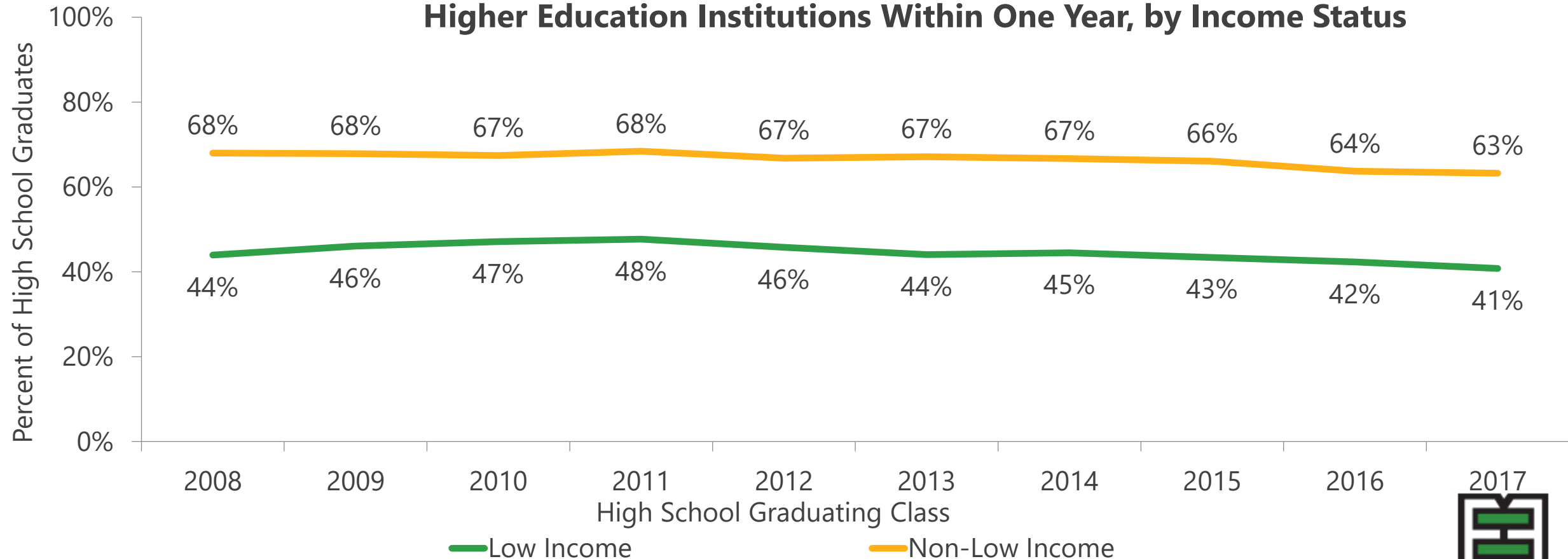
Rates of College Enrollment are Highest Among STEM and Lowest Among Business/Industry Endorsements

College Enrollment by Endorsement, Central Texas Class of 2018

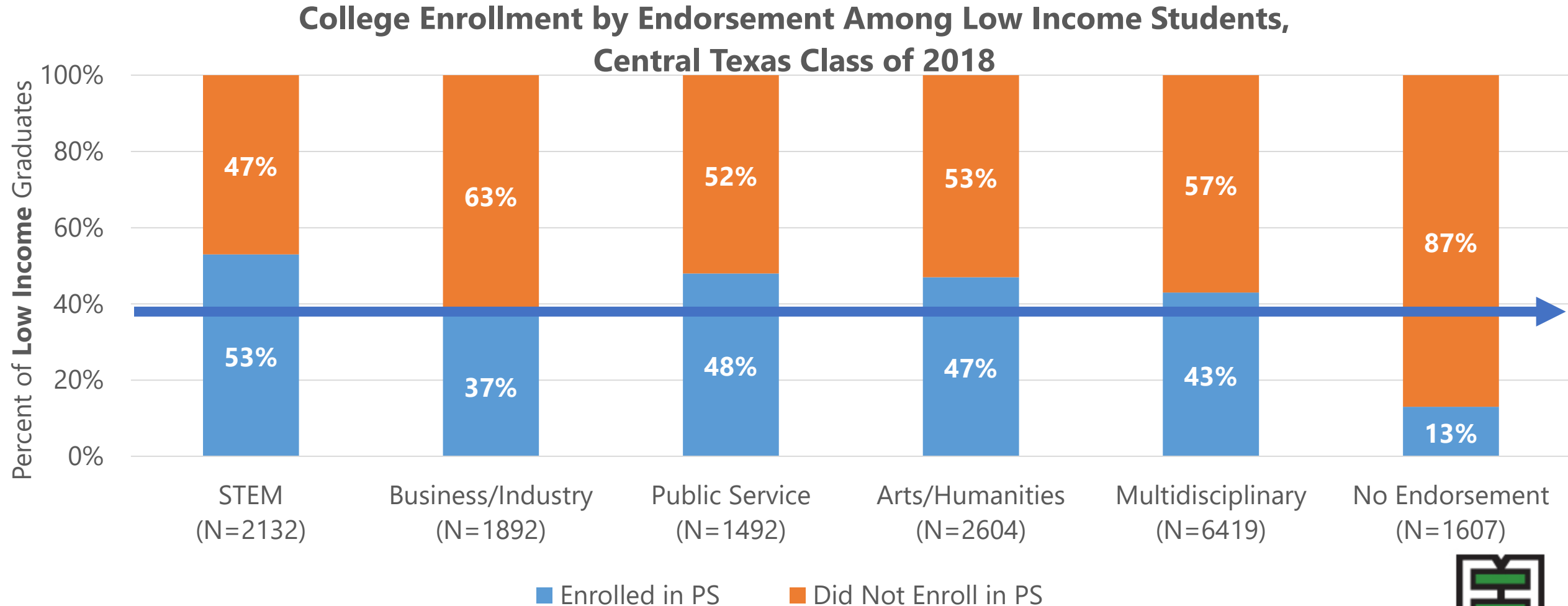


Enrollment Rates for Both Low-Income and Non-Low-Income High School Grads Decreasing

Percent of Central Texas High School Graduates Enrolled in Texas Higher Education Institutions Within One Year, by Income Status

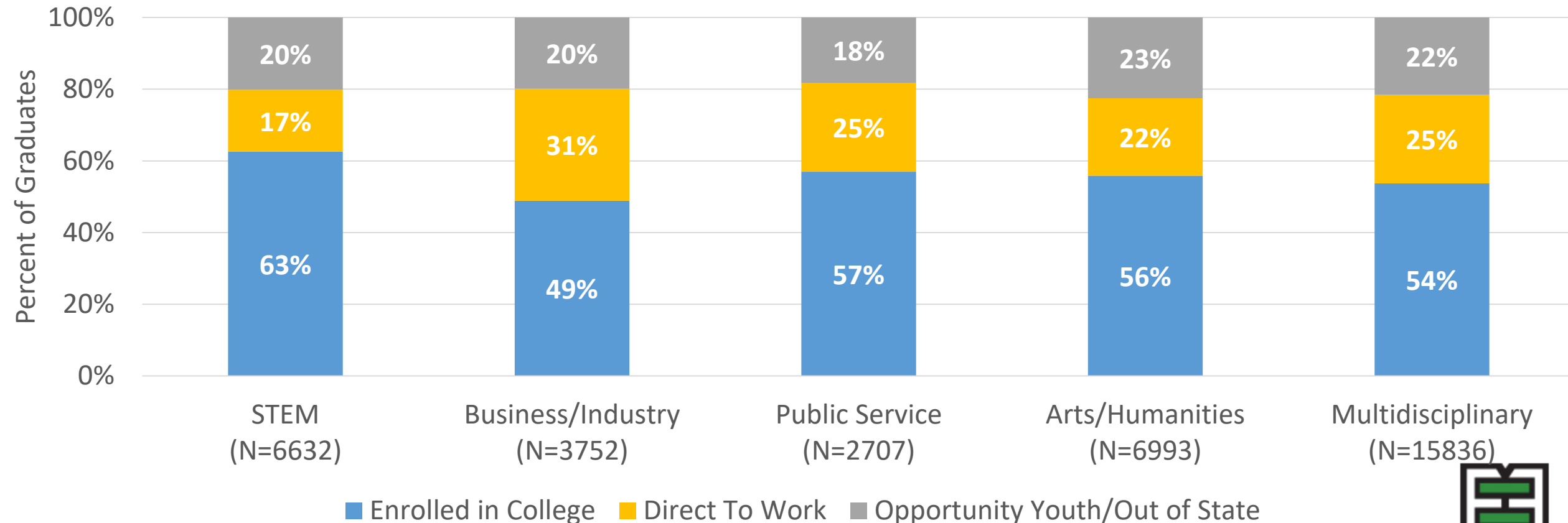


Among Low-Income Students, STEM, Public Service, Arts/Humanities have Higher than Average College Enrollment



Rates of Workforce Entry are Highest Among Business/Industry Endorsements

Post-High School Outcomes by Endorsement,
Central Texas Class of 2018



Analyzing the Data

How have endorsements changed student outcomes?





12%

Young adults without a postsecondary credential within six years of leaving high school have just a 12% chance of earning a living wage.

HB3 Overview

- \$6.5B of New Funding for Public Education
- Funding Tied to Student Outcomes
- Aligned to 60X30 Plan



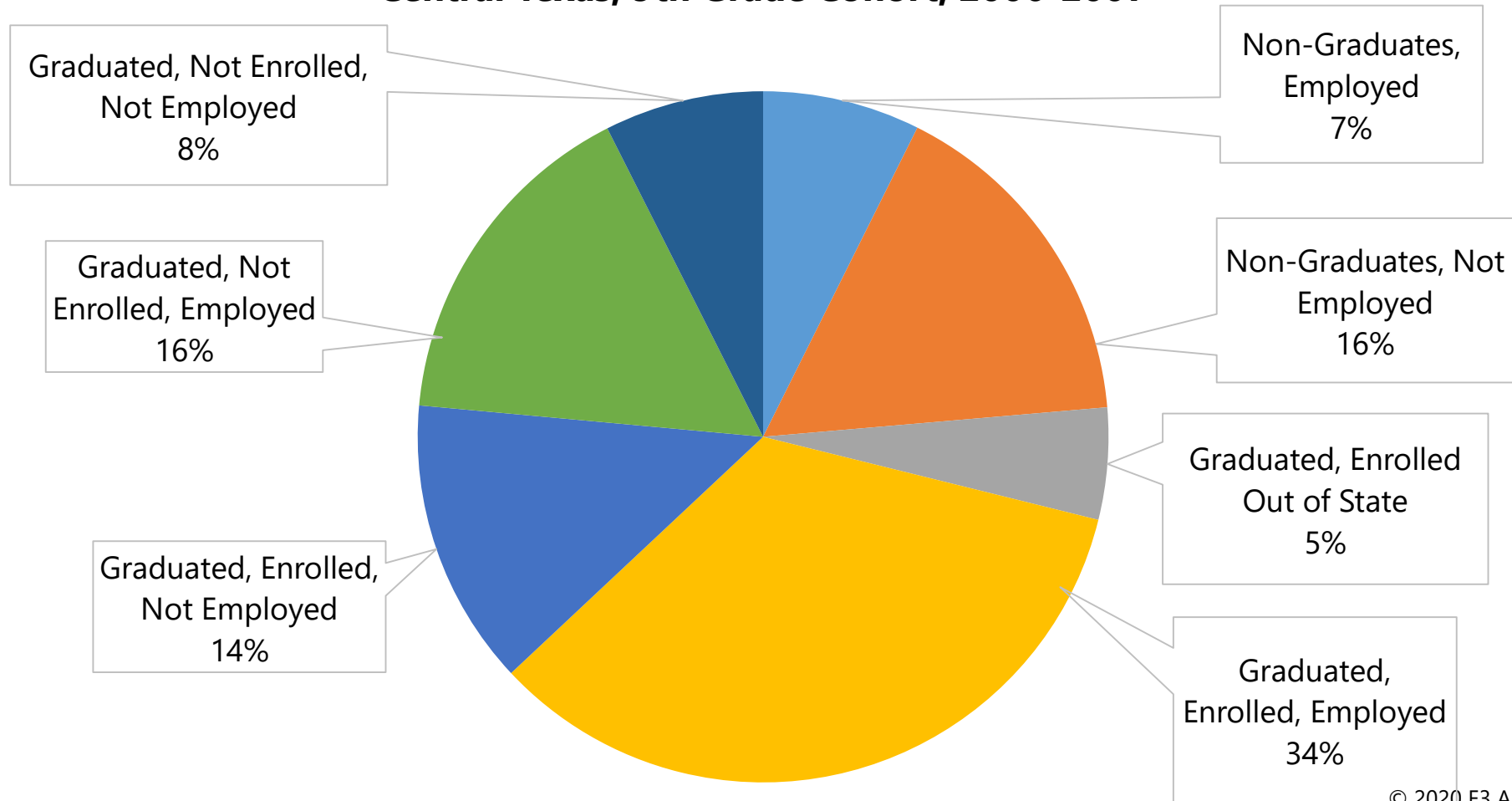
HB3 Overview

- Funding Equity
- Teacher Incentive Allotment
- College, Career, Military Readiness (CCMR) Outcomes
- Early Education Allotment
- Extended Year Allotment



College Enrollment and Simultaneous Employment Most Common after Graduation

Central Texas, 9th Grade Cohort, 2006-2007



Analyzing the Data

In order for us to say HB3 was impactful, what will the data need to show?





Data Dig

data.e3alliance.org



Data Dig

- Each Group Assigned a Data Topic
- Use E3's Data Portal (data.e3alliance.org) to Complete Your Data Topic
- Assign One Member of Group to Record Findings on the Worksheet Provided
- Assign a Member to Share Findings





Thank you!

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The conclusions of this research do not necessarily reflect the opinions or official position of the Texas Education Agency, the Texas Higher Education Coordinating Board, or the State of Texas.



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