



the challenge

Home to 11% of the nation's students, 55% of Texas students are below grade level in math performance.



the solution

A regional coalition mobilized around data and advocated for equitable access and opportunity towards an advanced math pathway.



the outcome

Senate Bill 2124 signed into law, mandates automatic enrollment in advanced mathematics for Grade 6 students scoring in the top two quintiles in school districts and charter schools.

Why Should We Care?

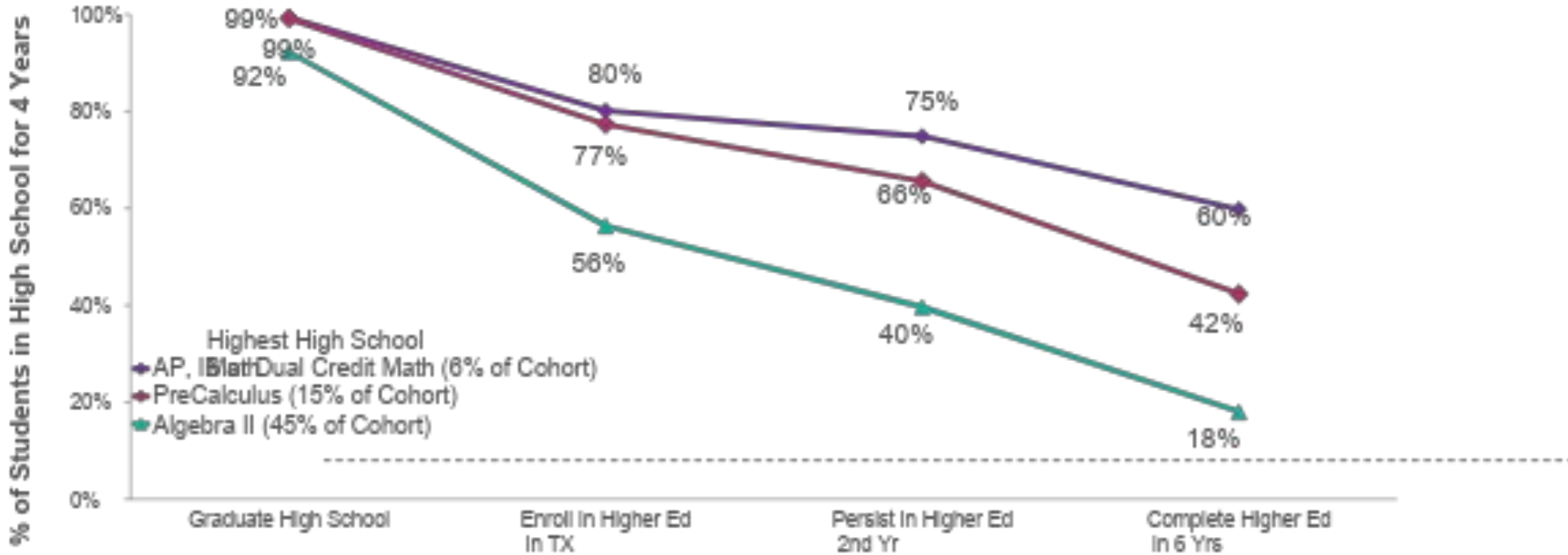


12%

Young adults without a credential or degree within 6 years of leaving high school have just a 12% chance of earning a living wage

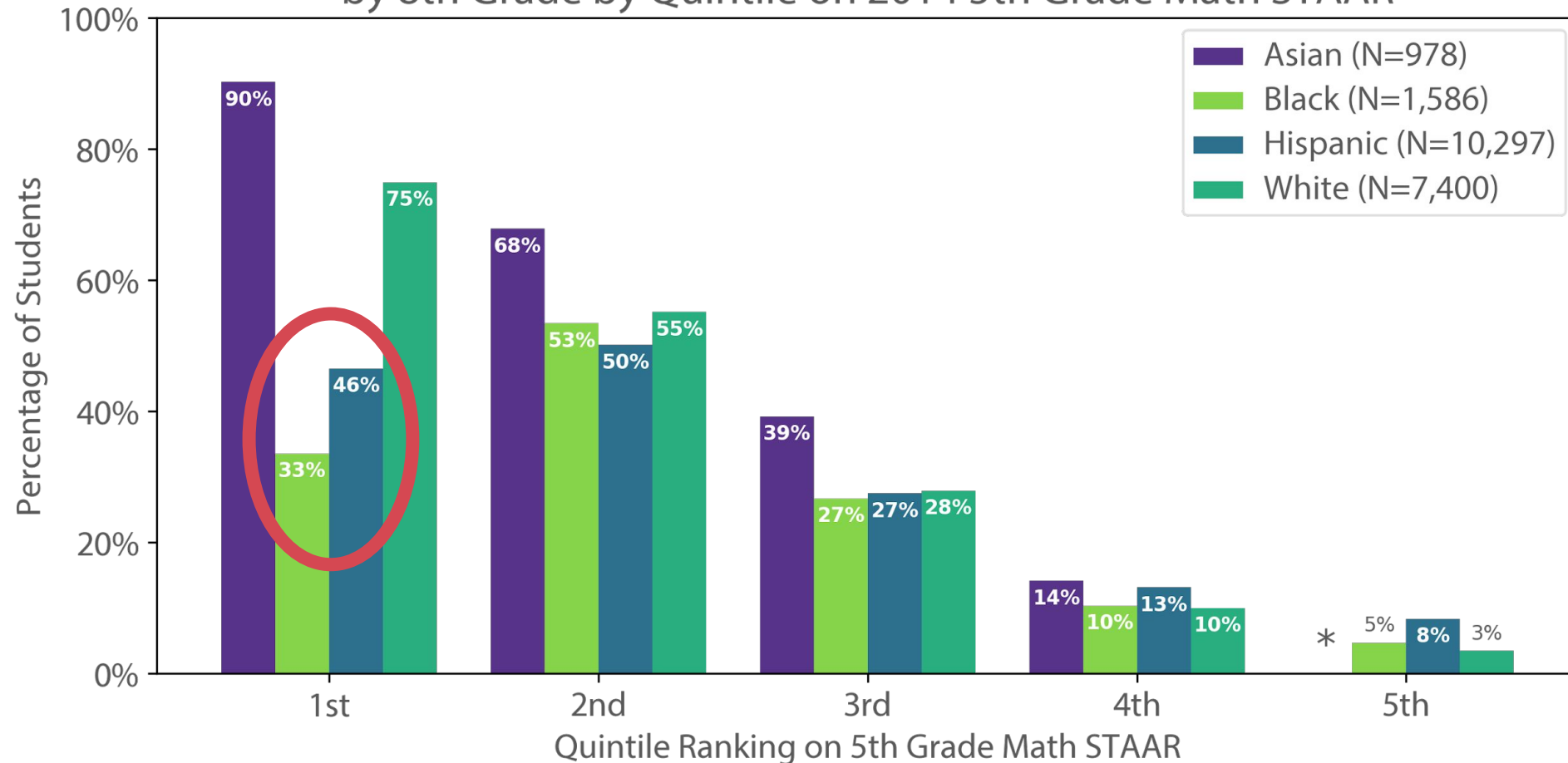
Higher Levels of Math Linked to Stronger Higher Ed Completion

Outcomes of Students in HS for 4 Years, Texas 2006 First Time 9th Grade Cohort



Quintile Analysis – Baseline Central Texas Cohort Shows Huge Gaps in Math Access

Percentage of Central Texas Students Who Completed Algebra 1 by 8th Grade by Quintile on 2014 5th Grade Math STAAR



* Masked due to small cell size (fewer than 5 students had this outcome)
Source: E3 Alliance analysis of PEIMS data at the UT Austin Education Research Center

Strongest Predictors for PS Enrollment

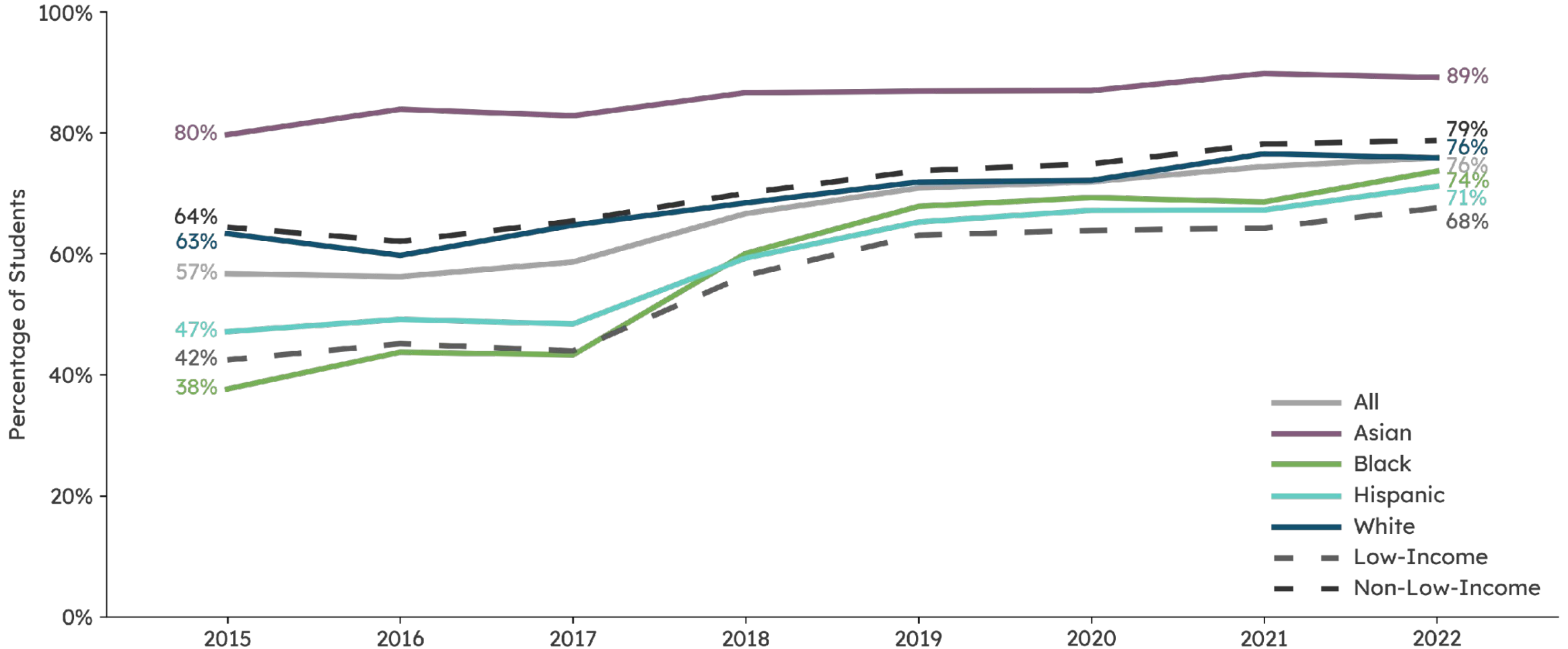
- Taking at least one Core Dual Credit course
- Taking at least one AP course in Core subject
- Participating in ECHS program
- Taking 5+ semesters in CTE cluster*
- Receiving an IBC*

*cluster dependent



Acceleration Strategies Reduce Disparities in Access to 8th Grade Algebra I

High-Performing 5th Graders Completing Algebra I by 8th Grade, Central Texas



Source: E3 Alliance analysis of PEIMS data at the UT Austin Education Research Center