

ED POLICY BRIEF



Pathways to Postsecondary Success | Part 9

WHO WE ARE | EDUCATION. EQUALS. ECONOMICS.

E3 Alliance is a data-driven education collaborative based in Central Texas and now expanding work across the state. Our goal is to increase global competitiveness, economic vitality, and overall quality of life by aligning education systems to fulfill every student’s potential.

WHAT WE KNOW | STUDENT SUCCESS ACROSS TEXAS

This legislative session brings great responsibility and opportunity to transform our education systems by improving student outcomes in our PK-12 system and ensuring postsecondary achievement that leads to better workforce outcomes.

THE PROBLEM

Overall, too few students:

- Graduate high school college and career ready
- Pursue postsecondary education
- Complete a postsecondary credential and/or degree

WHY IT IS IMPORTANT

Objective data to improve policy decisions:

- Enables more confident decision making
- Makes decision-making more transparent and objective
- Fosters fact-based decisions over assumption-based decisions

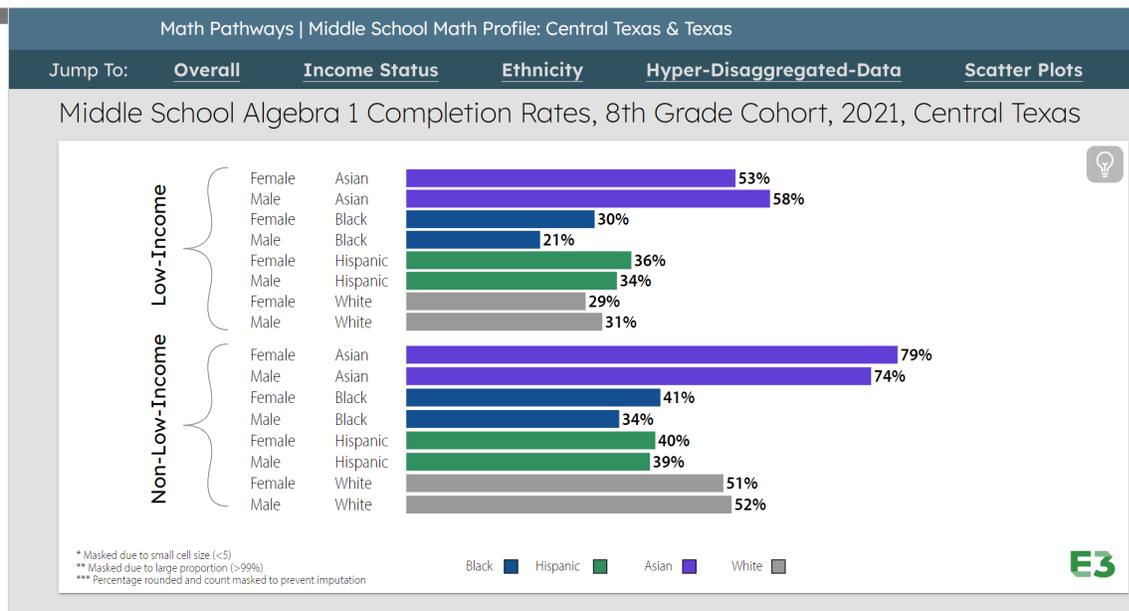
Math Pathways | Middle School Math Profile data for **Central Texas & Texas.**

Explore:

- Exploring Central Texas
- State Senate Districts
- State House Districts

Choose a Comparison:

- Comparing Texas
- State Senate Districts
- State House Districts



THE SOLUTION

- Use the E3 Alliance data portal to inform and drive policy decisions that will directly impact student outcomes in your legislative district. You can quickly and easily filter data by your district and compare results at the state level, with other regions in the state, and other legislative districts.
- Leverage a comprehensive view of education trends and outcomes in Texas using the data portal. Expanding upon the legislative district profiles provides a wide range of actionable and relevant data for Texas and regions across the state, connecting the dots between student achievement and economic prosperity for our communities.

Policy Briefs for the 88th Legislative Session

E3 Alliance Policy Priorities

Education Policy Priorities for the 88th Texas Legislative Session

E3 Alliance is committed to transforming education systems through data and collaboration so that all students succeed. These advocacy priorities reflect our mission and commitment to meaningfully build racial equity **belongingness, success, and well-being** to ensure that the Texas public education system prioritizes students' success.

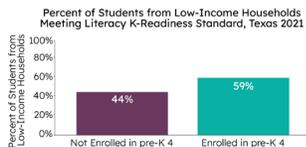
Our solutions recommend these actions:

Support Early Education

- Reinforce low-ratio classrooms and quality pre-K.
- Maintain a focus on early literacy and reading.

Why

E3 Alliance research shows students enrolled in pre-K are three times more likely to receive top school-ready ratings from their kindergarten teachers and reach on-level reading by 3rd grade.

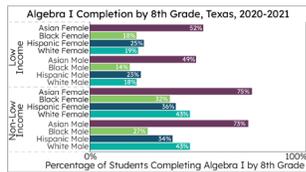


Increase Equitable Pathways

- Enforce policies that increase access and opportunity to Algebra I in 8th grade.
- Bolster middle school college and career advising by strengthening the alignment to high school.

Why

Students who succeed in Algebra I in middle school have a greater opportunity to engage in an advanced math course (e.g., dual credit) during their senior year of high school, which increases their likelihood of College, Career, and Military Readiness (CCMR) and postsecondary enrollment.



For the Texas Class of 2020, education systems are completing Asian students in Algebra I by middle school at a rate of over eight times more than Black students (Asian - 66%, Black - 19%).

e3alliance.org



e3alliance.org/policypriorities88/

Math Policy Brief SB-2124 files on March 9

Completing Four Years of Math in High School is Critical to Postsecondary and Workforce Success

E3 Alliance's policy priorities share your passion and desire that ALL Texas students succeed in their postsecondary journey and contribute to a strong Texas economy. We work with partnering organizations across Texas to amplify proven education policies for the benefit of every student.

For the 88th Legislative Session, E3 Alliance and our partners recommend instituting four proven math policy recommendations for middle and high school math programs in Texas.

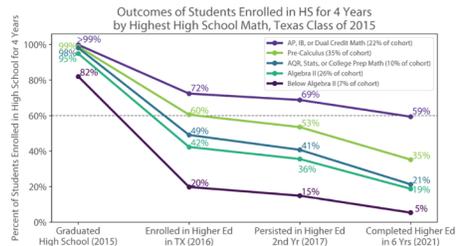
WHY

Data reveals that taking advanced math in middle and high school, and taking math all four years in high school, significantly increases students' postsecondary success.

Students who take 2 math courses beyond Algebra II are 3 times more likely to graduate from college within 6 years of high school graduation.

Only 1 in 5 students whose highest high school math course was Algebra II earned a 2- or 4-year college degree or an industry certificate within 6 years of high school graduation

Higher Levels of Math Linked to Higher Education Completion



Source: E3 Alliance analysis of TEA and THECB data of the UT Austin Education Research Center

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Please visit our [Education Profile](#) for more education trends and outcomes in Texas and be sure to follow us on Twitter for regular updates about our policy agenda.

Thank you for your dedication to every student in Texas, and we look forward to working with you during the 88th Legislative Session. Please contact [Jennifer Cavazos Saenz](#) for data or policy inquiries.