



Advanced Academics & CTE

August 4, 2025

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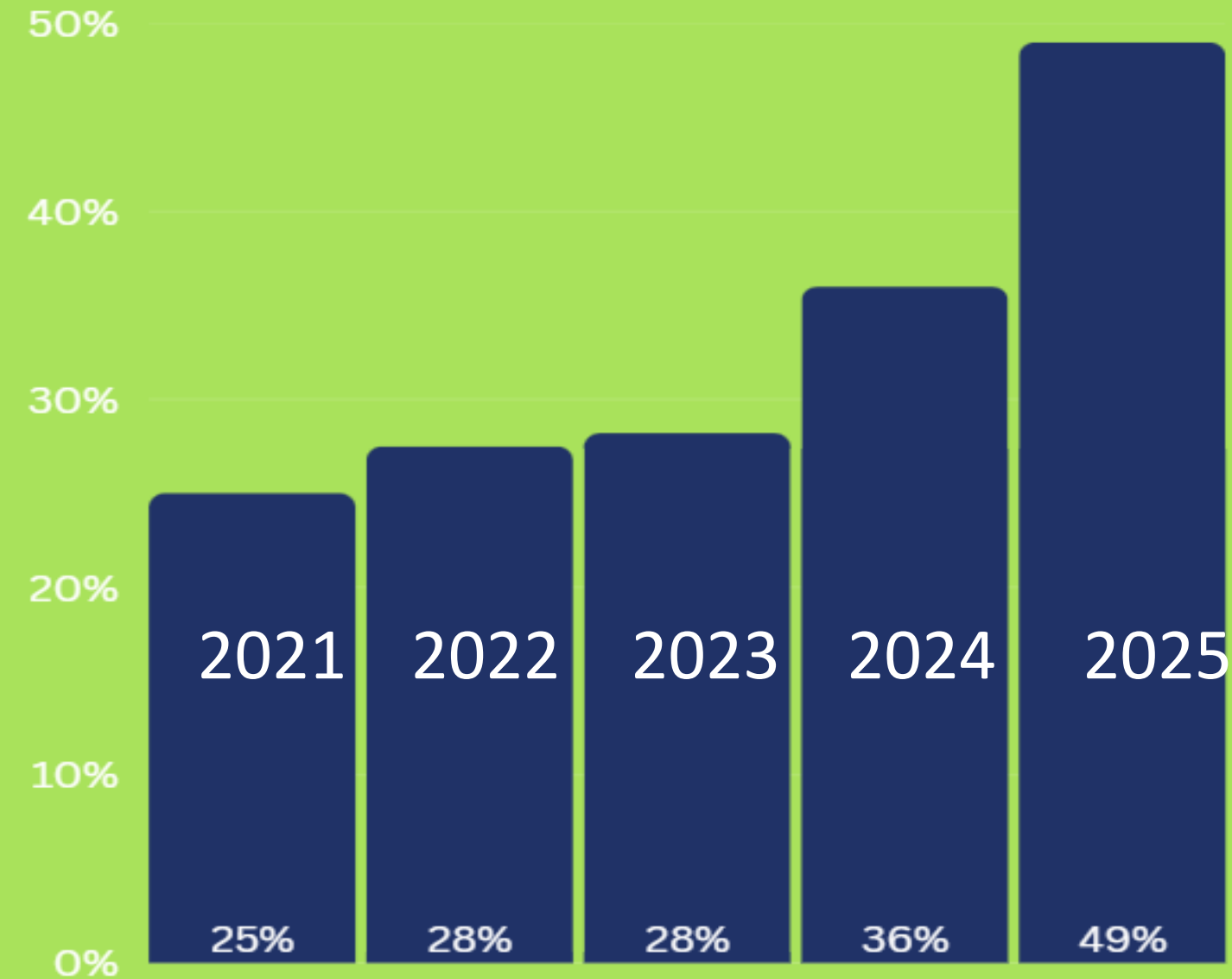
Leia Miller, Director of Career & Technical Education

**Dr. Shannon Ramirez, Coordinator of Advanced Academics
and Special Projects**

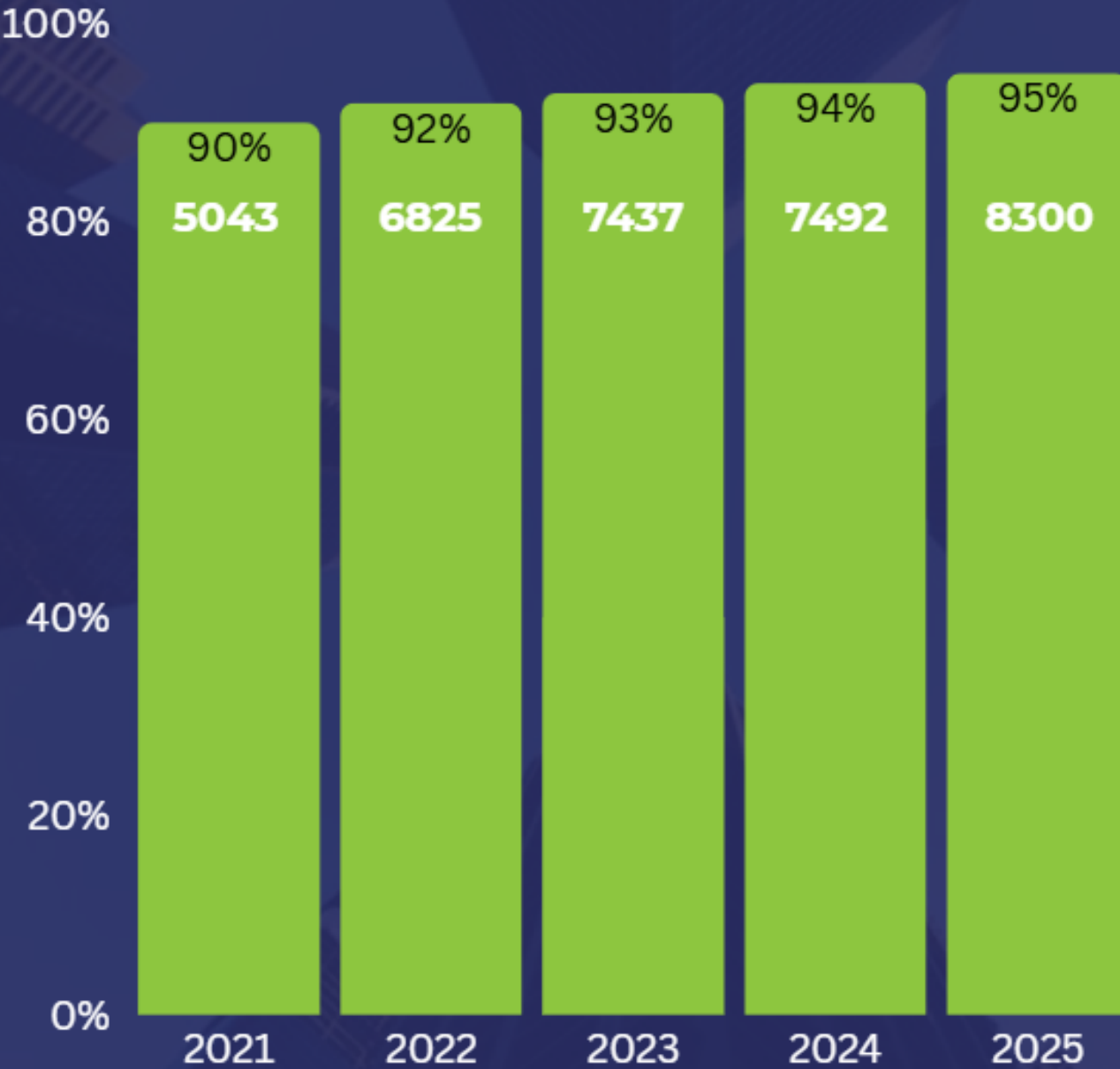
2024 - 2025 District Overview

GCCISD District AP Data 2021-2025

Passing Percentage



Passing Percentage and Seat Count 2021-2025



2024 - 2025 District Overview

Dual Credit - Number of Students			
	2022 - 2023	2023 - 2024	2024 - 2025
Earning Level 1 or Level 2 College Certificates	89	81	150
Graduating Core Complete	20	38	55
Associates Degrees	84	82	122

2024 - 2025 District Overview



CELEBRATIONS

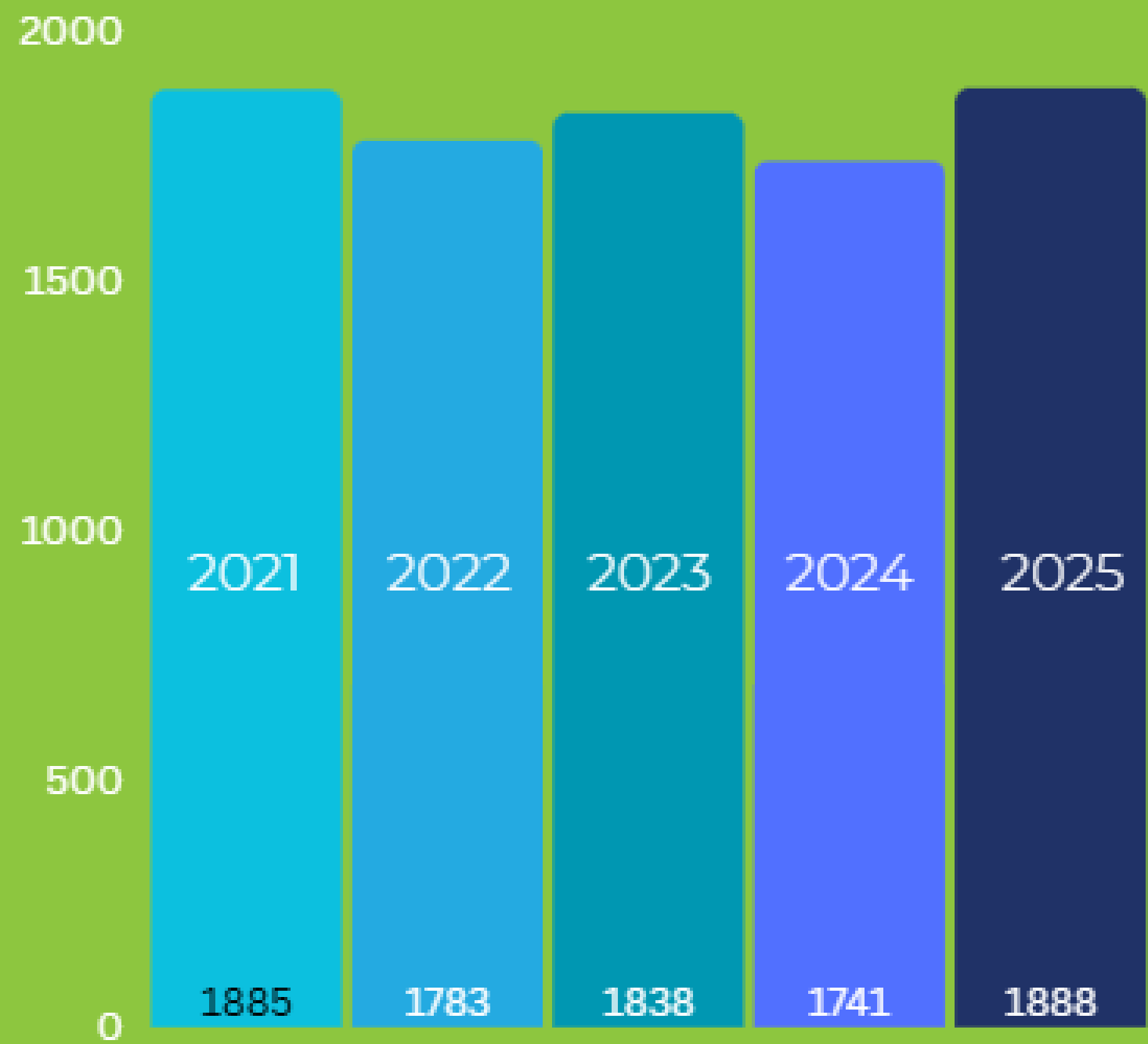
- Student/Family Savings
Associates - \$569,740
Core - \$202,608, OnRamps \$270,000
- 65 AP Scholars, 12 with Distinction & 13% increase in AP exam scores.
- 21% growth in AP performance in the past two years.
- 2023-2024 to 2024-2025 AP pass rate increased 13%.
- 2022-2023 to 2023-2024 AP pass rate increased 8%

OPPORTUNITIES

- Remove barriers to dual credit
- Expand high school options information in junior high.
- Strengthen Stem AP Courses.
- Create pathway to Cal without summer courses.
- Increase administrator training for auditing AP courses

Gifted & Talented

GCCISD District GT Students

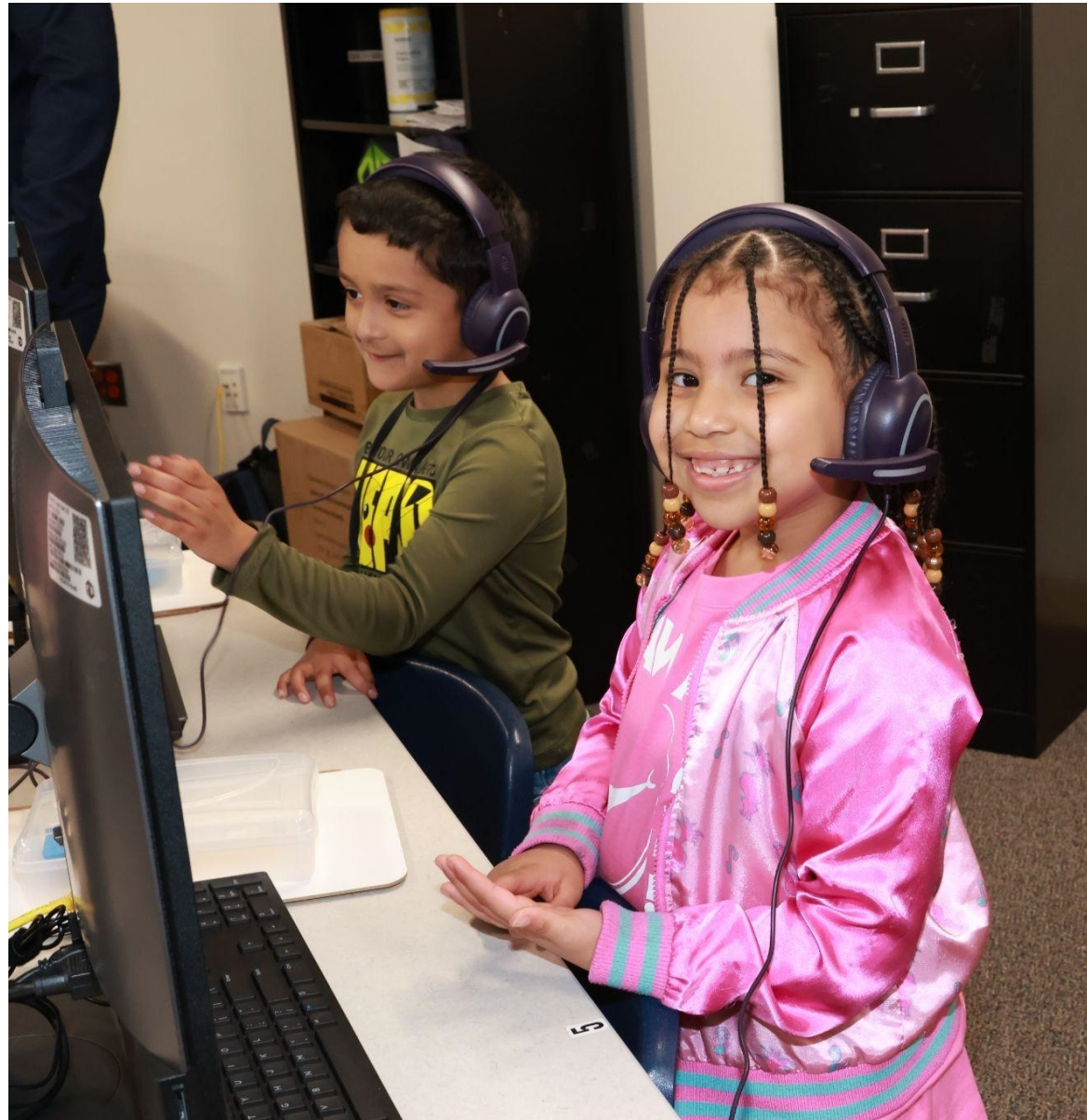


Numbers for GT include K-12

Gifted & Talented

CELEBRATIONS

- Migrated from paper-based to online testing
- Started Kindergarten GT program earlier
- GT population grew by 147 students
- Hosted Texas Performance Standards Showcases to highlight project-based learning
- Longstanding success with summer camps in Coding and Rocketry



OPPORTUNITIES

- Strategize ways to increase identification of GT students
- Increase planning opportunities for GT teachers
- Expand project-based learning for enrichment and collaboration
- Redesign Spring Showcase to include more student choice

OnRamps



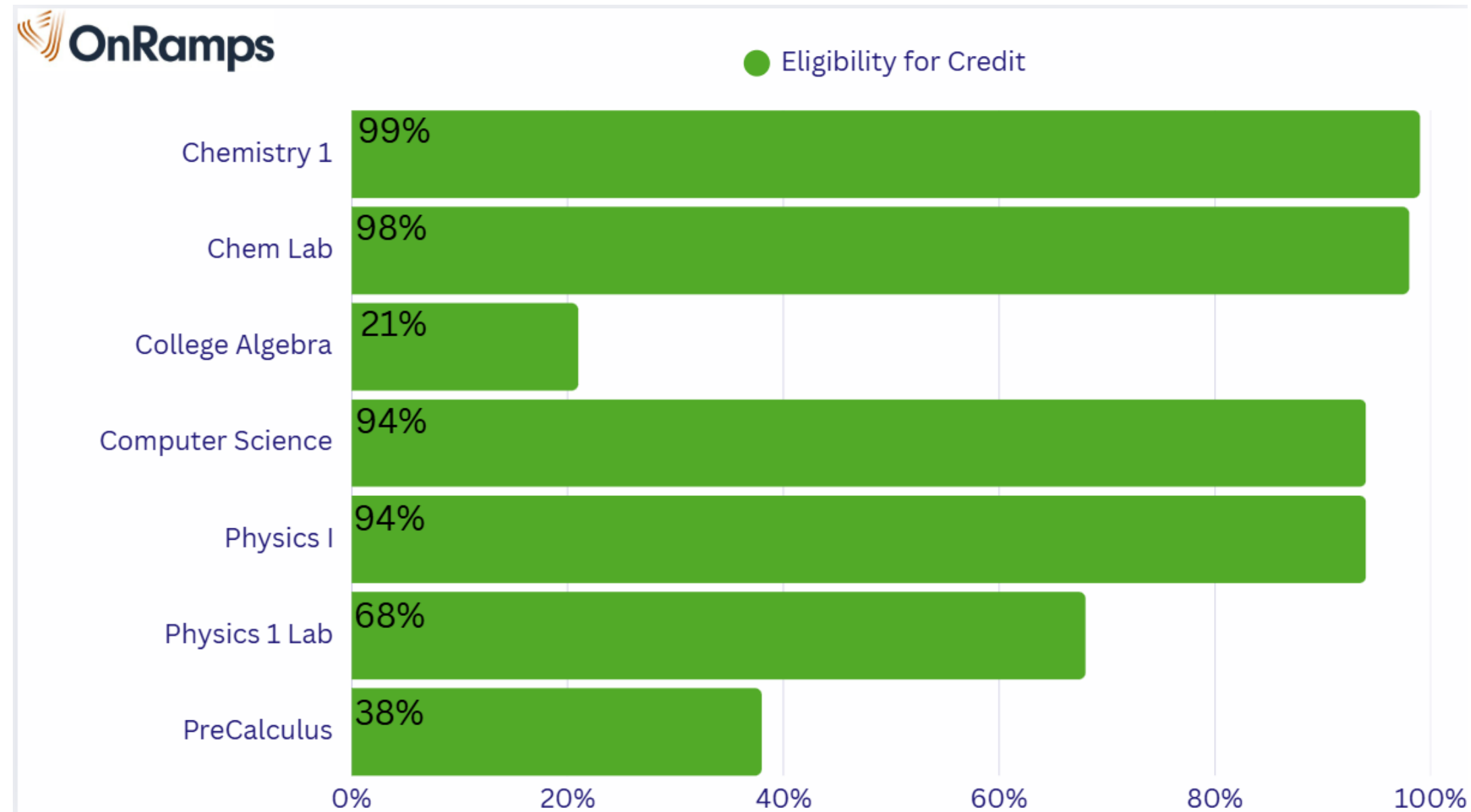
2024-2025

243

**Number of
Individual students**

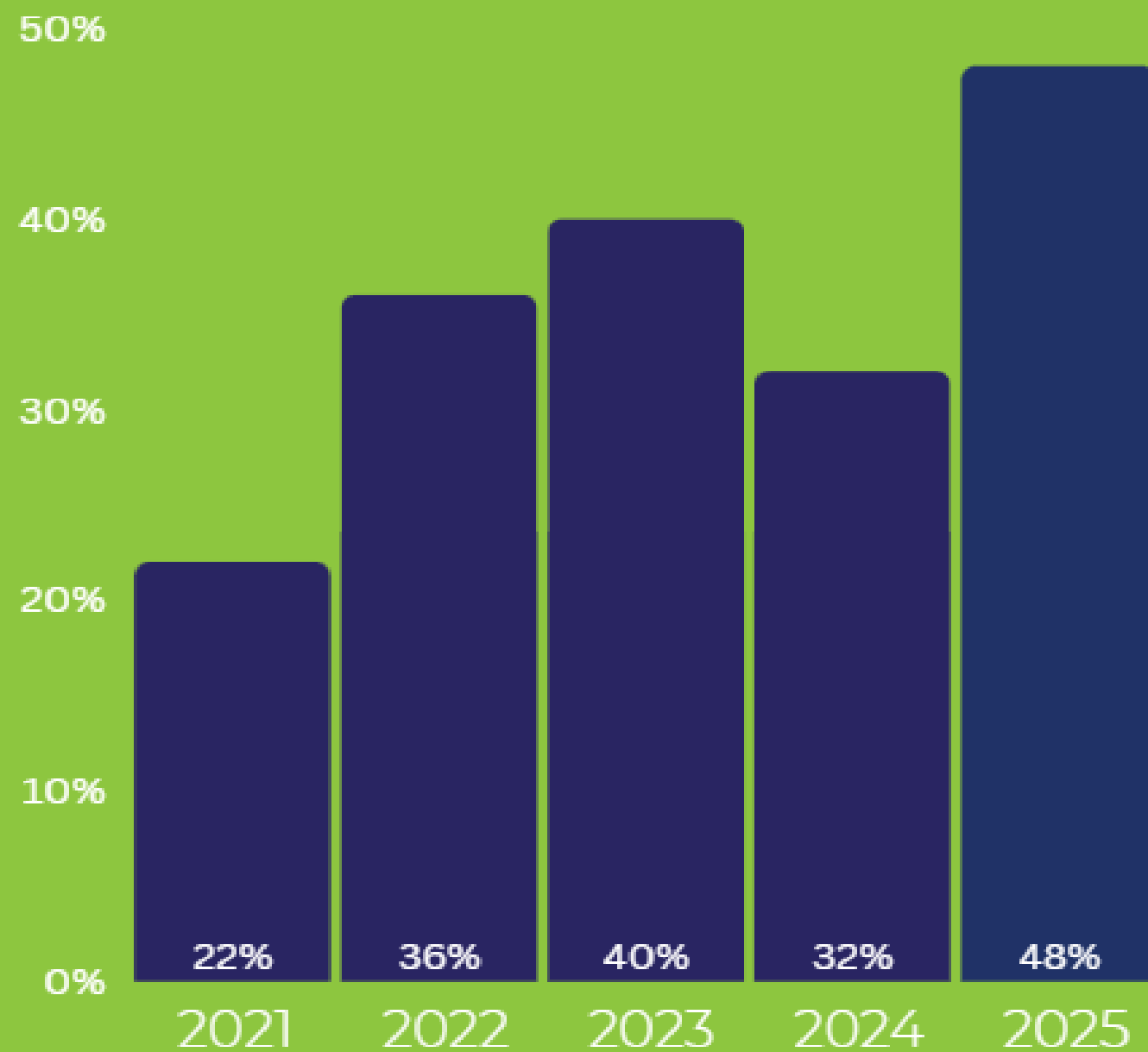
437

**Number of course
enrollments**

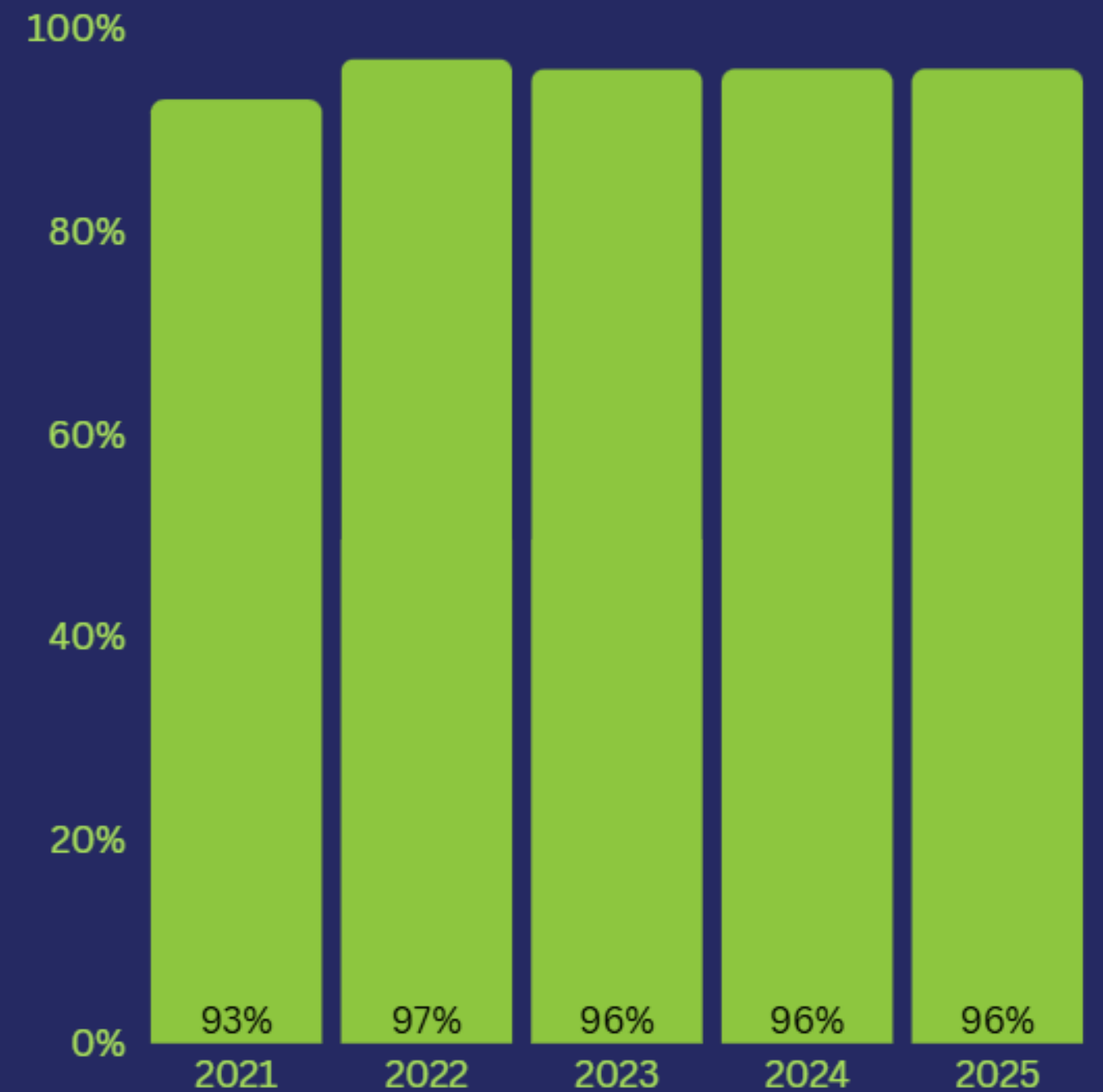


English Language Arts

GCCISD Advanced Placement
English Courses
2021-2025



GCCISD Dual Credit
English Courses
2021-2025



English Language Arts



CELEBRATIONS

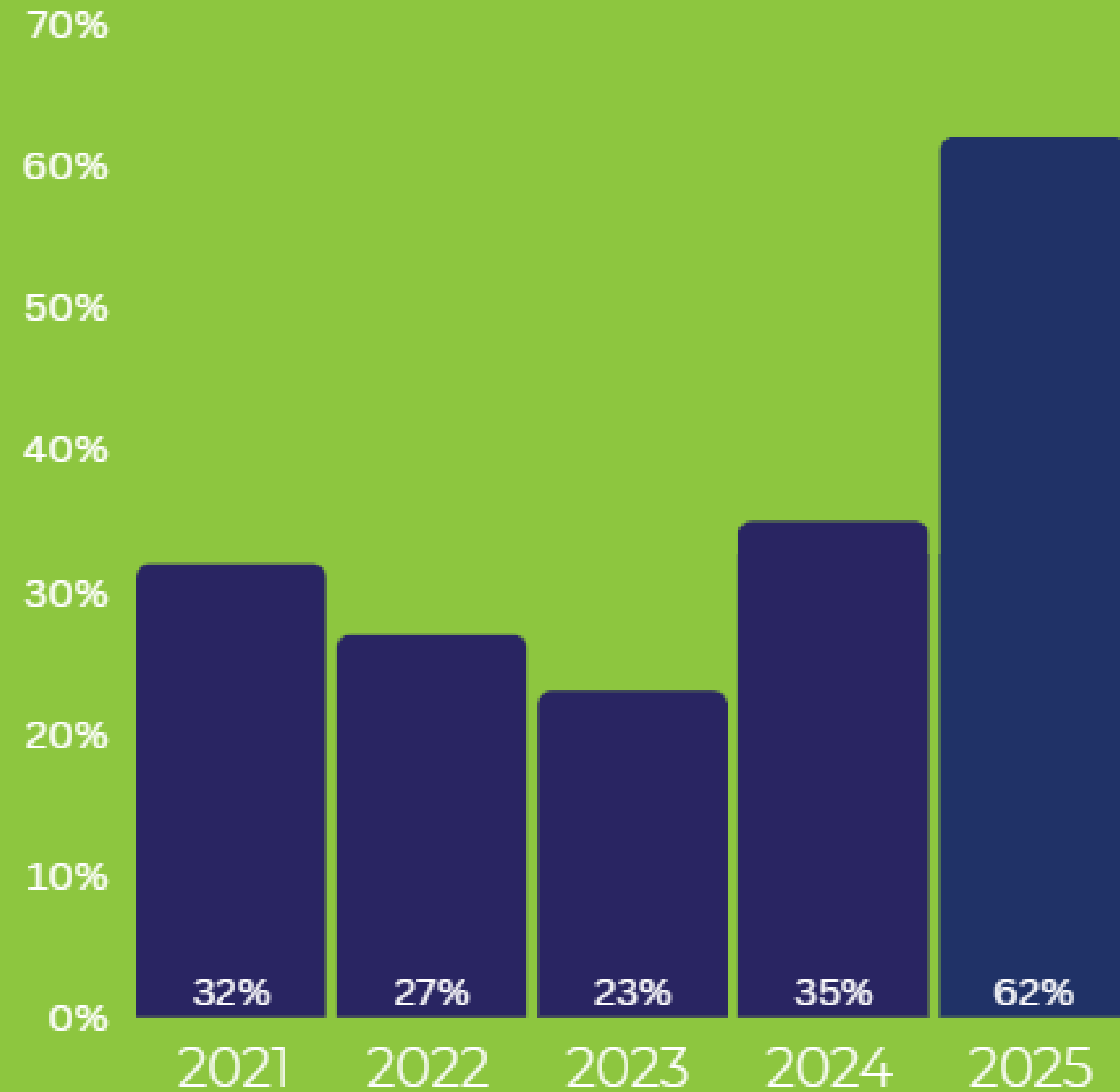
- RLA Bluebonnet Learning embeds enrichment for students
- Introduced Albert.io and AP Classroom for more “at-bats” and assessment practice
- Shared usage of AP Classroom with campus leaders
- 31% growth in AP English Language at GCM

OPPORTUNITIES

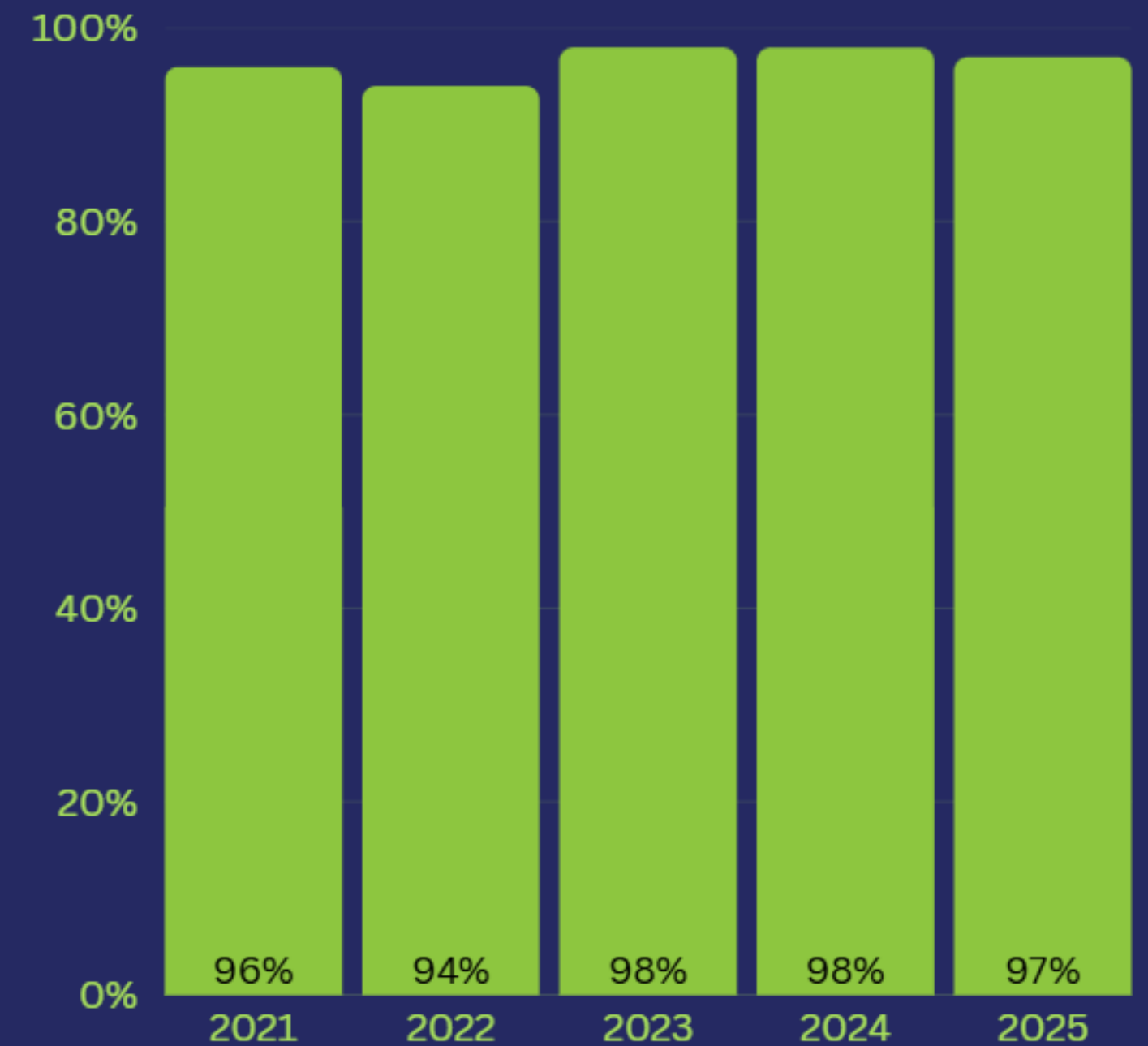
- AP/DC teachers lead vertical alignment committee
- PD ladders for GT and Honors teachers to prioritize academic vocabulary & knowledge of AP concepts
- Collaboration with other districts on GT and Honors instructional materials and practices for K-8 RLA
- Assessment practices that build student testing stamina

Math

GCCISD Advanced Placement
Math Courses
2021-2025



GCCISD Dual Credit
Math Courses
2021-2025



Math

CELEBRATIONS

- 79% district pass rate in first year of AP Precalculus, which is above the state pass rate of 73%.
98% AP Precalculus pass rate at GCM.
- 71% district pass rate for AP Statistics, which is above the state pass rate of 52%.
- AP Calculus AB closed the gap with the state from 29 gap points in 2024 to 12 gap points in 2025.
- Dual credit math opportunities and enrollment steadily rising after prior decline.

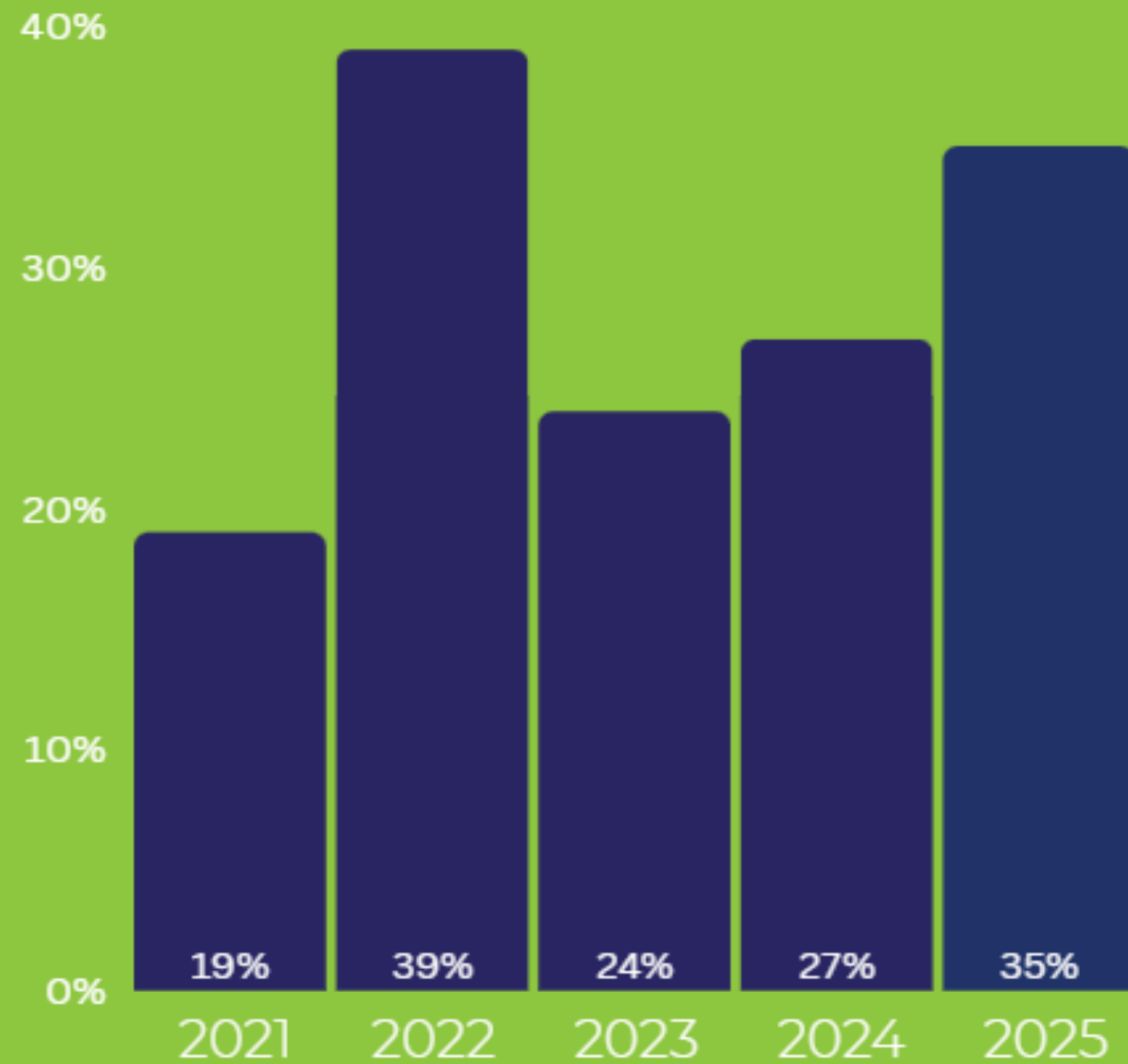


OPPORTUNITIES

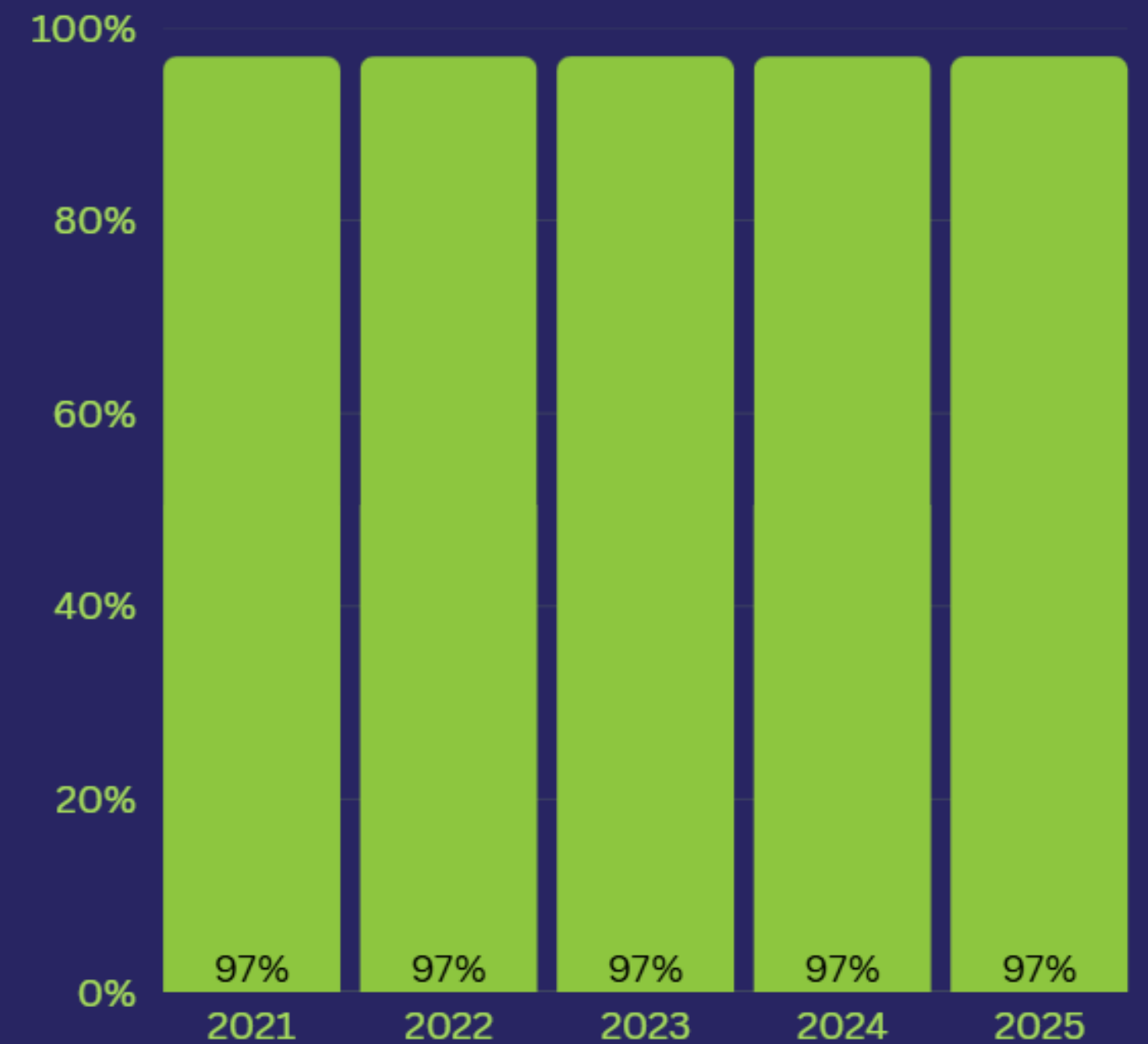
- Expand support for students in college-level dual credit math.
- Enhance AP math support using [Albert.io](https://albert.io)
- Create a new accelerated math pathway in middle school to allow students to enroll in Geometry in eighth grade so they are meeting the major university requirement of being calculus ready.
- New middle school advanced math TEKS in grades 6-8.
- Automatic enrollment of sixth-grade students who performed in the top 40% on 5th Grade Math STAAR into the advanced math pathway in middle school.
- Ensure elementary GT classrooms are providing rigorous instruction to prepare students for advanced math.

Science

GCCISD Advanced Placement
Science Courses
2021-2025



GCCISD Dual Credit
Science Courses
2021-2025



Science

CELEBRATIONS

- Dual credit science enrollment has steadily increased over 5 years
- Reintroducing AP Environmental Science led to a 50% score increase

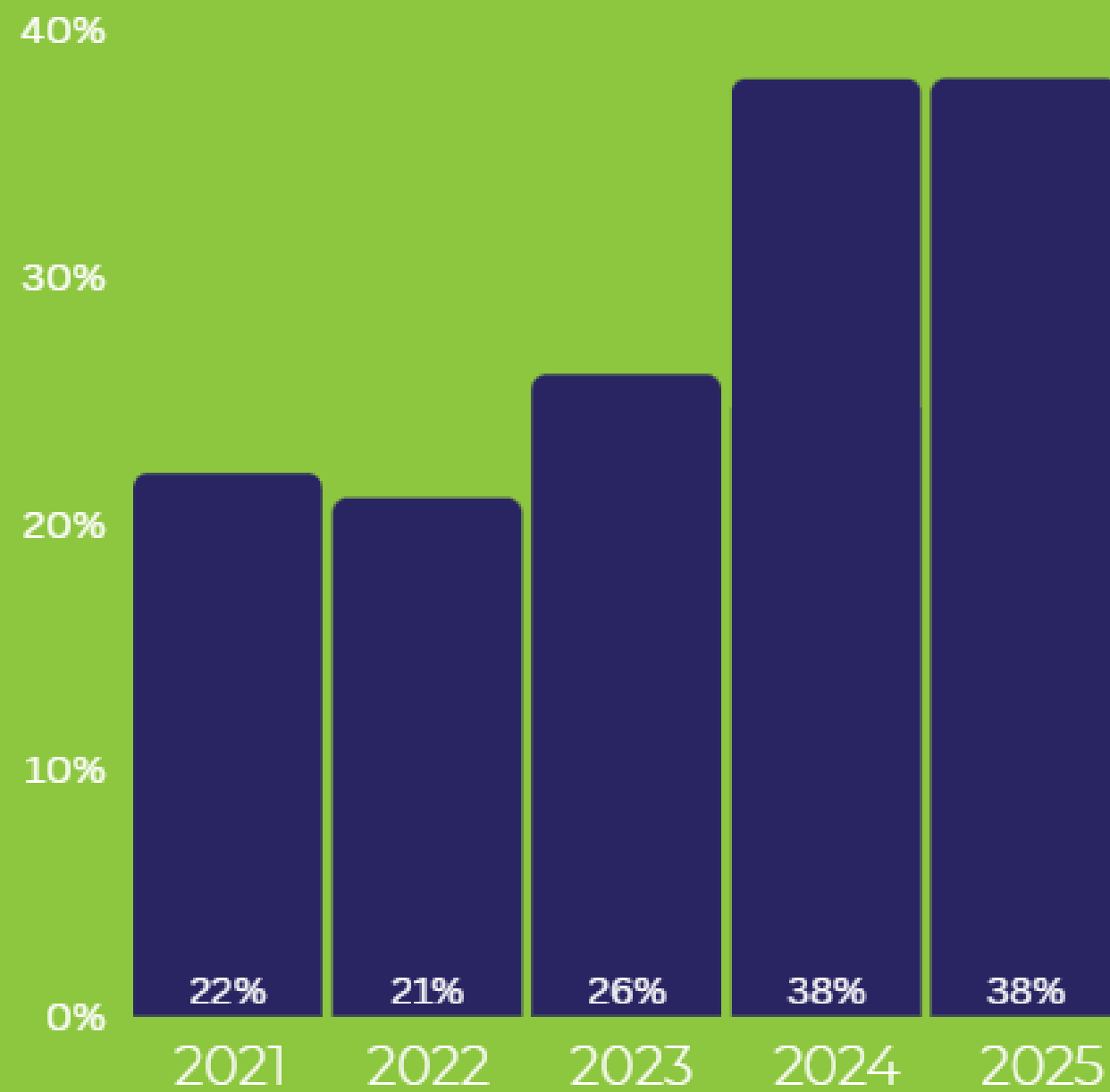
OPPORTUNITIES

- Accelerated science pathway to boost AP and dual credit readiness
- Support K-5 GT classrooms to increase rigor in preparation for advanced JH courses
- Increase collaboration among AP science teachers
- Establish district-wide AP Science PLCs
- Align pacing, labs, and assessments for instructional consistency

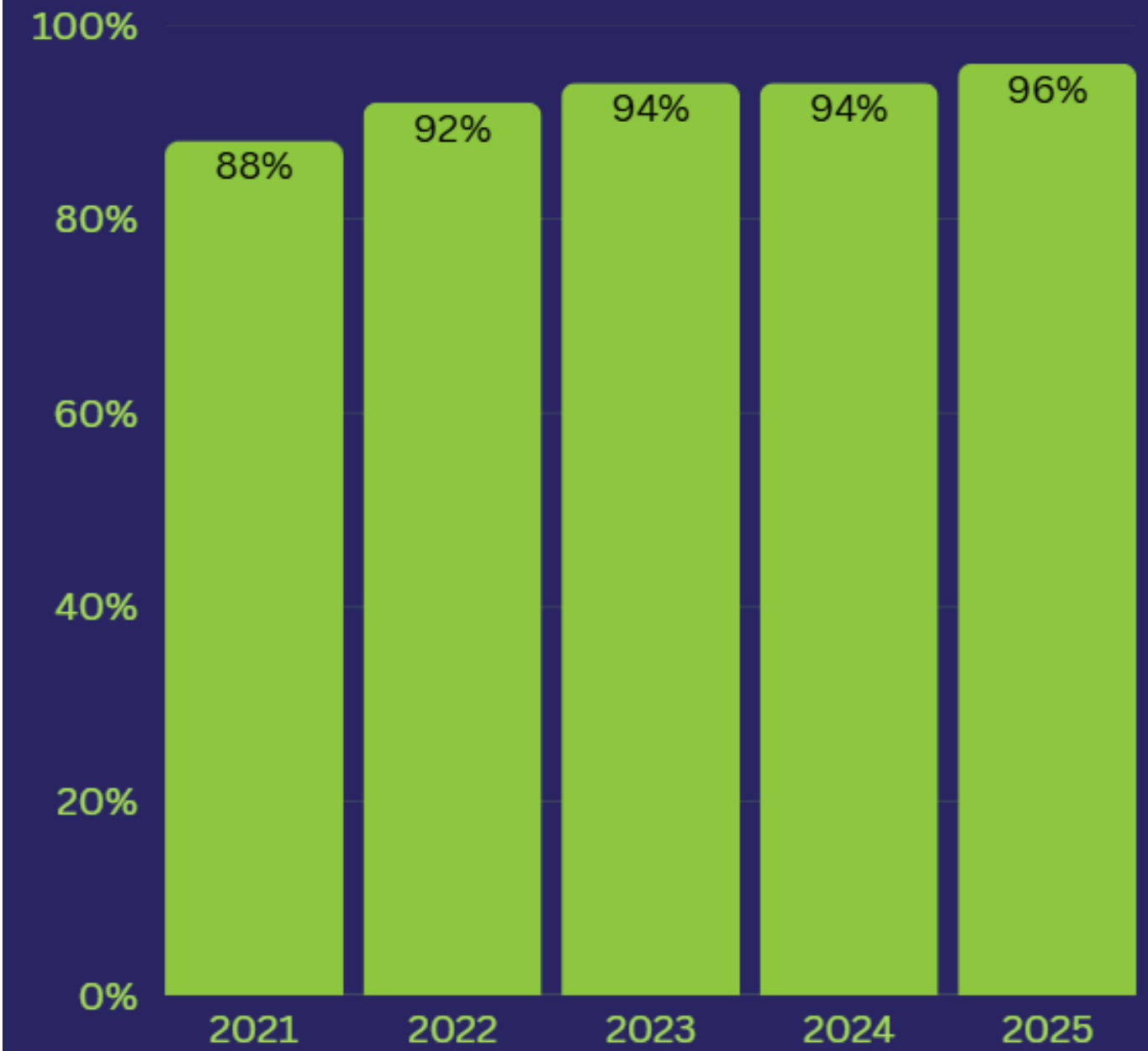


Social Studies

GCCISD AP Social Studies Courses
2021-2025



GCCISD Dual Credit
Social Studies Courses
2021-2025



Social Studies

CELEBRATIONS

- GT/Honors students excelled at National History Day:
 - 41 Regional Winners
 - 13 State Winners
 - 1 National Winner



OPPORTUNITIES

- Align middle and early high school social studies curriculum for AP readiness
- Provide rigorous feeder courses for AP U.S. History, AP World History, etc., to build foundational skills
- Opportunities for vertical alignment to support tested grades and preteach for spiral review.

Career & Technical Education

WORKFORCE - COLLEGE CERTIFICATES EARNED BY PROGRAM				
Institute of Higher Education	Program	2022-2023	2023-2024	2024-2025
Lee College	Automotive	8	6	17
	Culinary Arts	23	10	23
	Networking	2	2	4
	Pipefitting	8	20	17
	Welding	38	25	35
	Instrumentation	0	1	0
	Cosmetology	10	7	17
	HVAC	NA	NA	14
Lamar Institute of Technology	Collision	NA	3	4
	Crime Scene Technician	NA	3	1
	Diesel	NA	4	4
	EMT	NA	3	0
Houston Community College	Filmmaking	NA	NA	14
San Jacinto College	Maritime	24-25 - 1st year of dual credit		

Career & Technical Education

CTE Dual Credit Courses Taken & Passed					
YEAR	2021	2022	2023	2024	2025
TOTAL	1788	2583	2440	2982	3419

CELEBRATIONS

- First senior cohort of Digital Communications Academy graduated 14 students with Level 1 Filmmaking certificates from Houston Community College
- Launched Maritime dual credit program with San Jacinto College, expanding CTE partnerships to 4 colleges



OPPORTUNITIES

- Collaborate with 4 college partners to align CTE dual credit pathways with workforce needs
- Develop Level 1 Certificate in Logistics in response to local workforce demand
- Partner with Lee College to expand Level 1 Certificate options at PEH Empower Academy
- Pursue Pathways in Technology (P-TECH) designation for Global Business Academy \$150 per enrolled student funding from TEA

Questions?

