

Culver City Unified School District

Math Leadership Corps Partnership 2013-2016

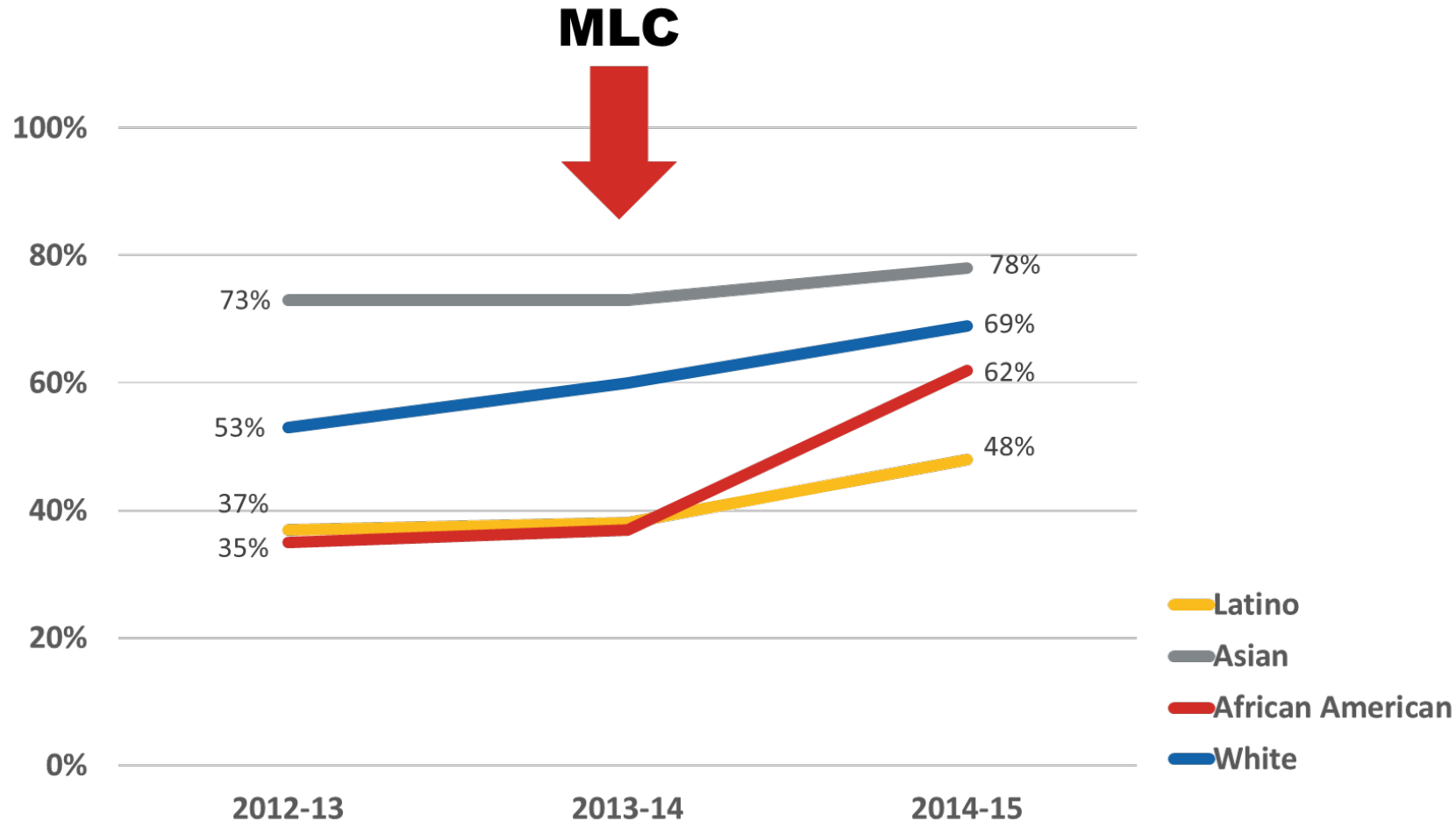
- Trained & mentored teachers on two teaching models:
 - Math Learning by Design
 - Cognitively Guided Instruction
- Created a sustainable model with embedded PD and on-site partner teacher/coaches
- Developed Teacher Leaders
 - Math Leadership by Design
 - Cotsen Art of Teaching
- Focused on equity, access & success for students, K-12



CULVER CITY
UNIFIED SCHOOL DISTRICT

<http://www.ccusd.org/>

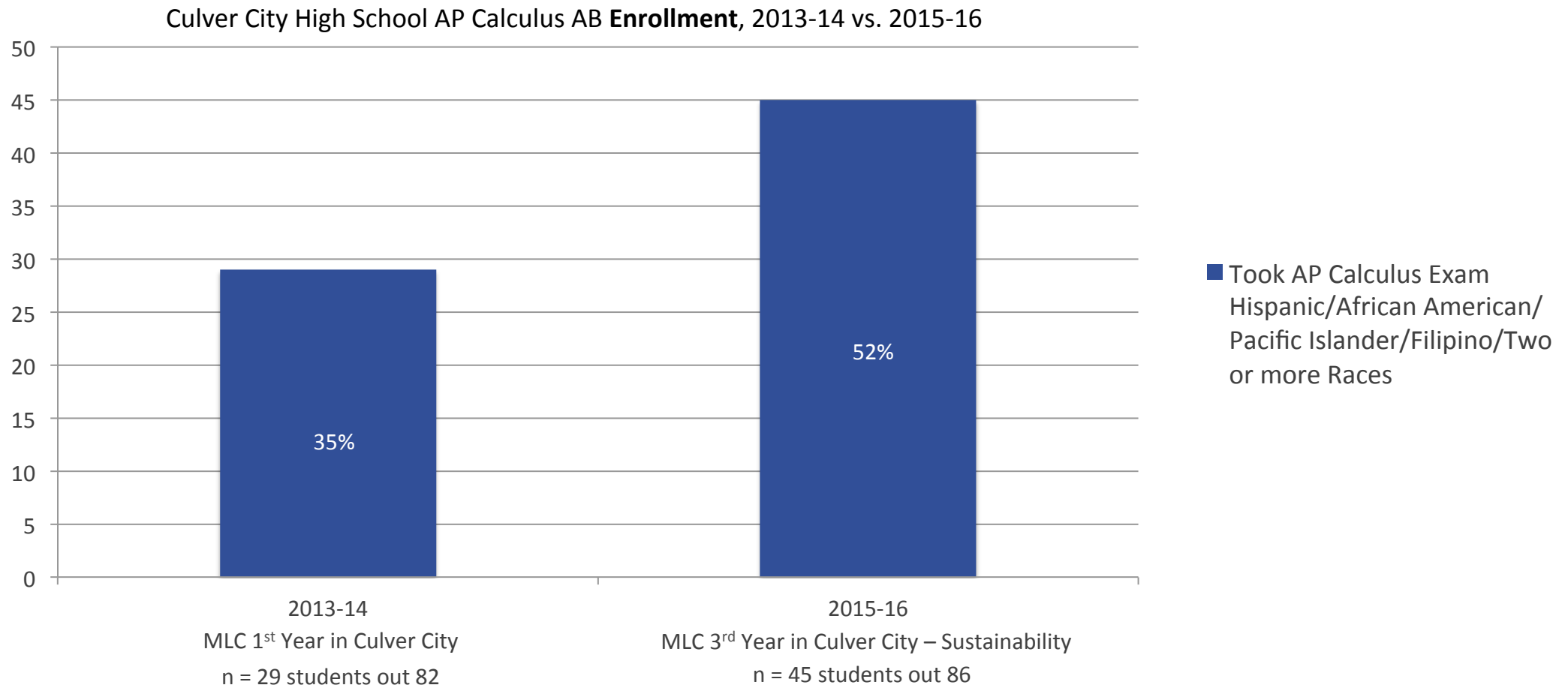
Culver City High School A-G Enrollment Impact



After MLC implementation, the percentage of underrepresented minority (URM) students at Culver City High School enrolled in college-ready courses as defined by UC/CSU's A-G requirements increased. Specifically, **the percentage of African-American seniors enrolled in college-ready courses increased** from 35% in 2013-14 to 62% in 2015-16.

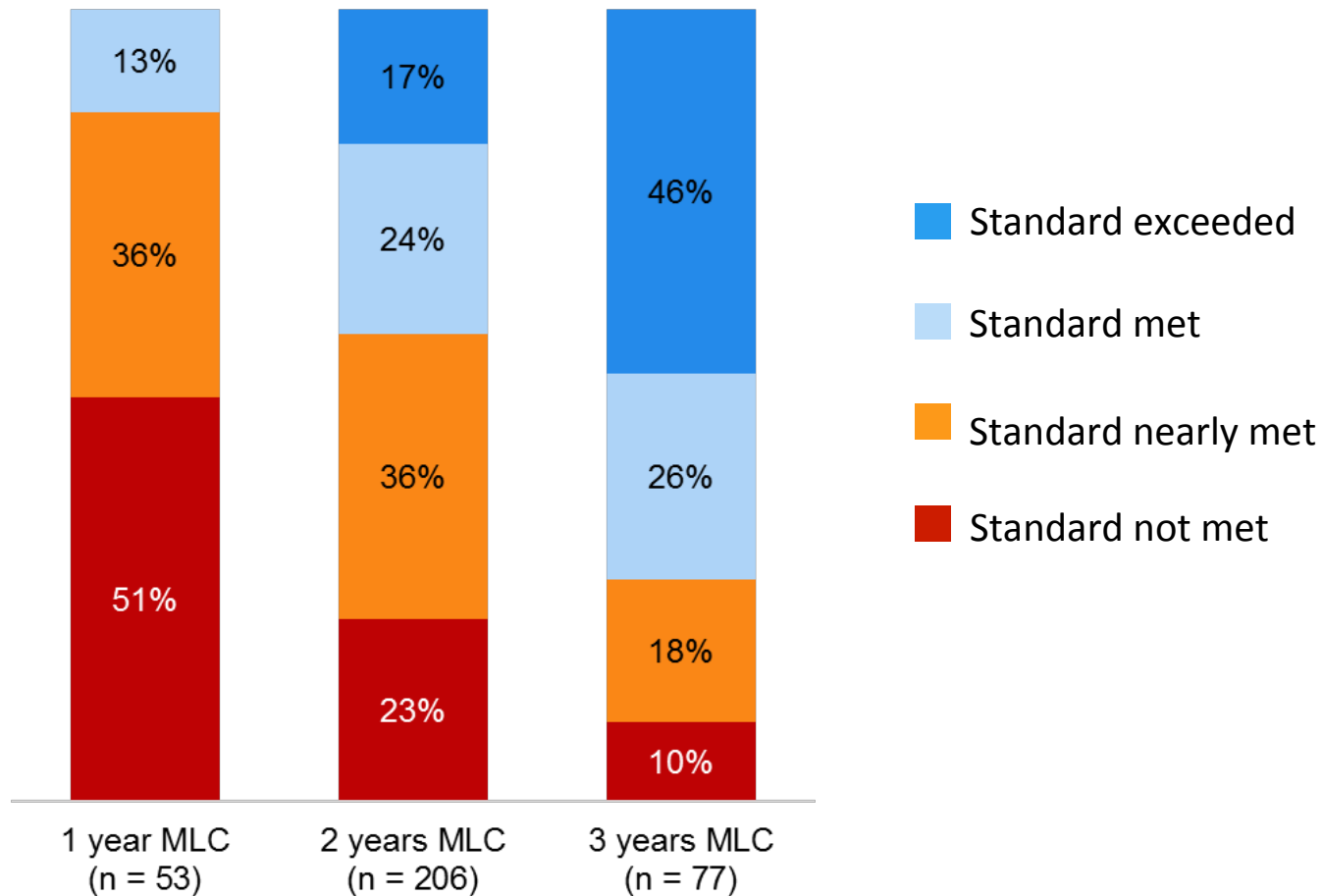
Culver City High School Equity & Access Impact

After MLC implementation, the percentage of underrepresented minority (URM) students at Culver City High School who sat for the AP Calculus Exam increased from **35%** in 2013-14 to **52%** in 2015-16 with no drop in achievement.



Culver City High School Success CAASPP 2016 Results – 11th Grade

2016 CAASPP Scores



Higher exposure to MLC was significantly correlated with CAASPP achievement.

More than half of 11th grade students who had participated in MLC classrooms for three consecutive years met or exceeded the standards.

Effect size: $V = 0.368$, $p < 0.001$.

2016 Concept Category Achievement – 11th Grade

Higher exposure to MLC was significantly related to larger proportions of students scoring near/at or above the standards for each concept category in 2016.

% Near/At or Above standard							
	1 Year MLC		2 Years MLC		3 Years MLC		Overall
Concepts & Procedures*	34%	<	56%	<	74%	52%	
Problem Solving*	47%	<	73%	<	85%	68%	
Communicating Reasoning*	63%	<	76%	<	88%	72%	

* denotes a statistically significant difference

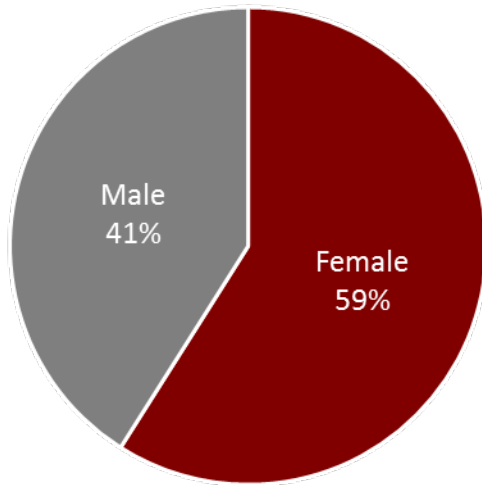
Effect size:

- Concepts & Procedures: $V = .302, p < .001^*$
- Problem Solving: $V = .298, p < .001^*$
- Communicating Reasoning: $V = .177, p < .001^*$

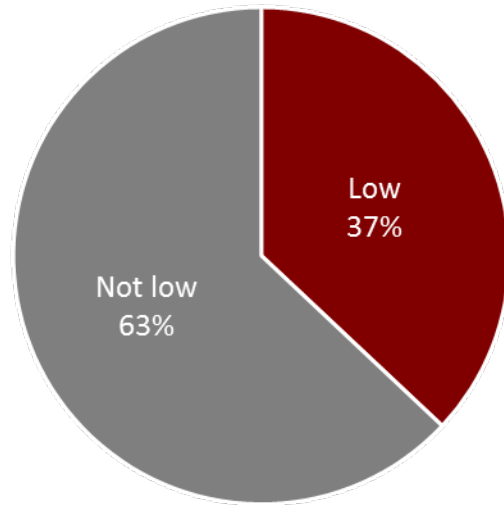
Culver City High School Demographics

9 MLC teachers – 344 students
No non-MLC teachers

Gender



Socioeconomic Status



Ethnicity

