



INVESTING IN our students

June 2015

Our Mission



The ALearn mission is
— TO DELIVER HIGH-QUALITY —
MATH & COLLEGE
readiness programs
to low-income, underserved

STUDENTS
TO INCREASE THEIR COLLEGE
ASPIRATIONS
& **ELIGIBILITY**
and to significantly raise their
college-going rates.



Our Vision



ALearn has a vision of all students going to and succeeding in college.

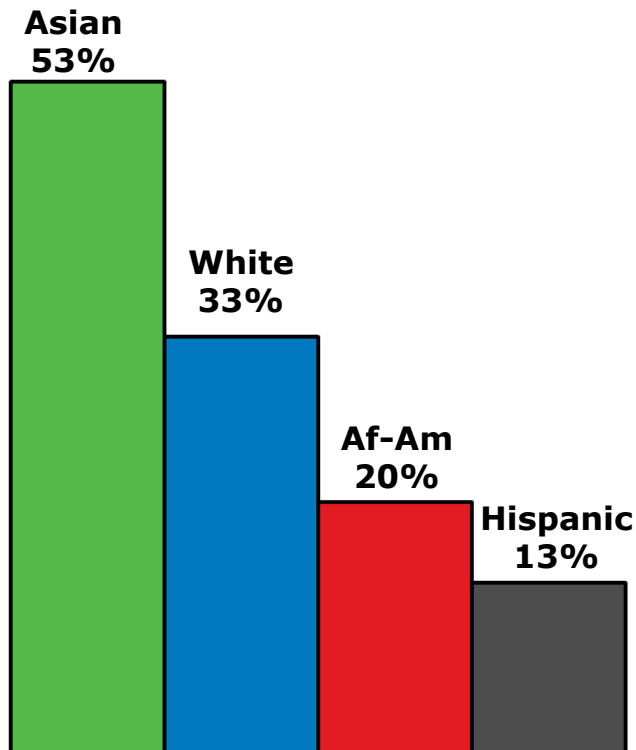
- Preparing for success in college is especially challenging for students from low-income families and those who will be the first in their families to attend college.



The Problem



Too few underserved, low-income, first-generation students complete college



Source: Almanac of Higher Education 2009-2010, published by the Chronicle of Higher Education, August 2009

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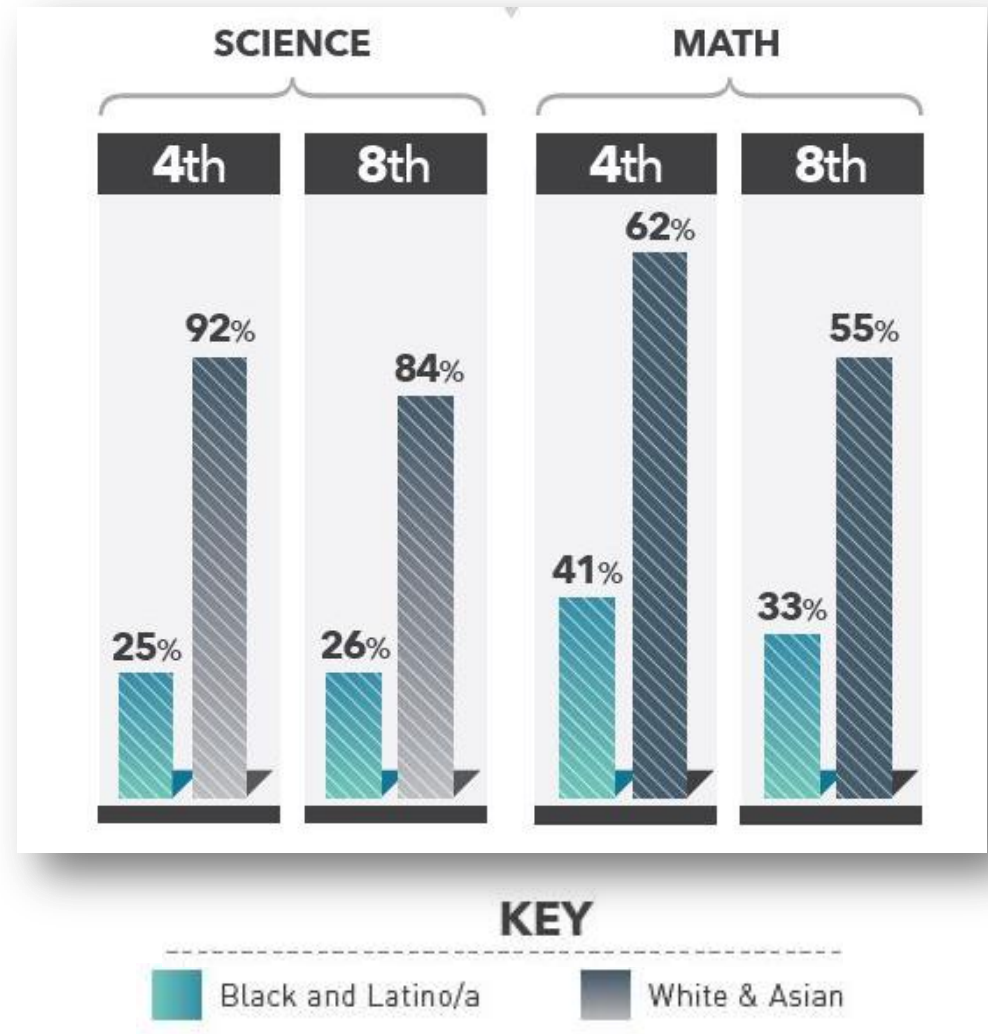


ALEARN Middle School students visit a university campus

The problem starts early



School Proficiency:
White & Asian
3X
Black & Latino



Not Ready for College & Career



Who is Ready for College & Career in Silicon Valley?

	Algebra proficiency by end of 8th grade	Four year graduation & eligible for UC/CSU
English Language Learners	14%	NA*
Low income	29%	NA*
Latino	24%	20%
African-American	21%	22%
Pacific Islander	28%	19%
Filipino	50%	42%
White	58%	53%
Asian	80%	71%

*Data not available because State of California does not disaggregate this high school data for English Language Learners or Low-Income students.

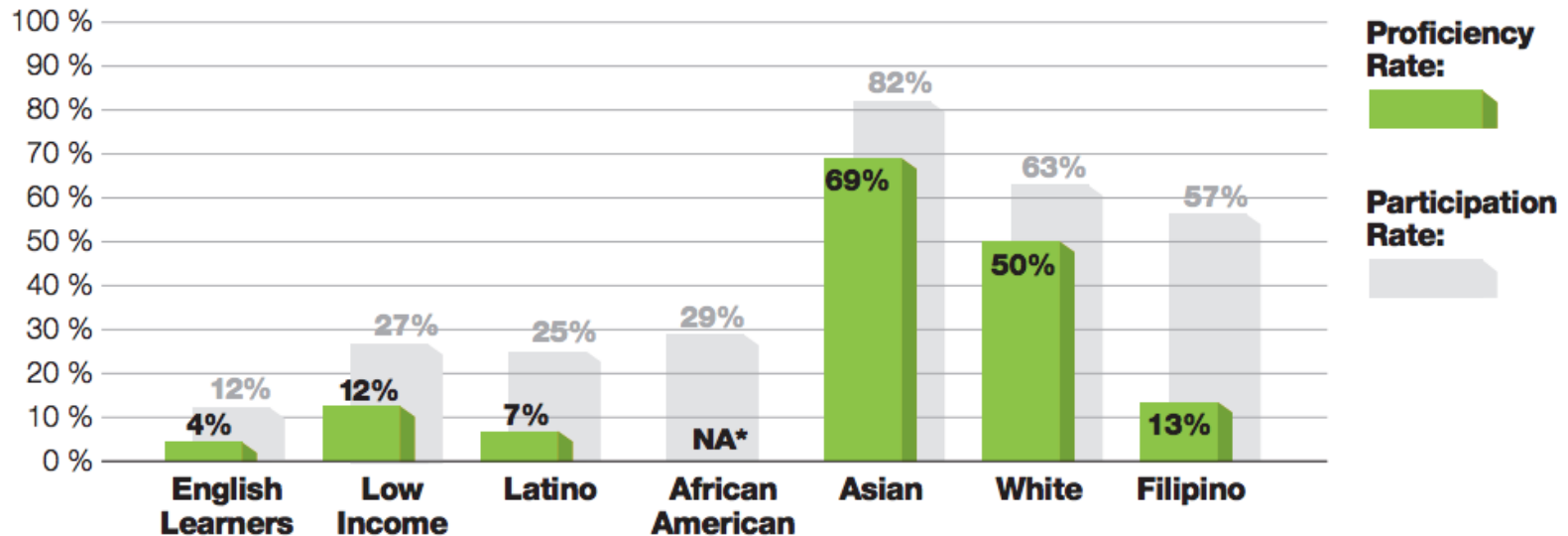
Jacobs, Joanne. "Broken Promises: The Children Left Behind in Silicon Valley Schools." *An Innovative Public Schools Publication*. January 2014.

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Most Latinos not even in game



Figure 3 Algebra Proficiency by End of 8th Grade and Participation Rates
Sunnyvale School District



CST Algebra results from 2012 and 2013

NA*: Indicates that fewer than 11 students took the test and proficiency rates are not available.

Jacobs, Joanne. "Broken Promises: The Children Left Behind in Silicon Valley Schools." *An Innovative Public Schools Publication*. January 2014.

Districts vary widely



Figure 4 **Percent of Students with 4-year Graduation and UC/CSU Eligibility, 2012**
Districts in Santa Clara and San Mateo counties

School District	Latino	African American	Asian	White	Pacific Islander	Filipino
Los Gatos-Saratoga Joint Union High	61%	0%	90%	75%	100%	50%
Palo Alto Unified	48%	49%	89%	78%	NA	67%
Jefferson Union High	35%	37%	66%	32%	53%	49%
South San Francisco Unified	34%	27%	77%	46%	0%	54%
Mountain View-Los Altos Union High	29%	27%	88%	75%	20%	61%
Cabrillo Unified	26%	0%	83%	62%	100%	100%
San Mateo Union High	26%	21%	78%	57%	19%	51%
Fremont Union High	22%	26%	81%	63%	25%	42%
San Jose Unified	22%	37%	72%	46%	31%	48%
Gilroy Unified	20%	38%	65%	47%	50%	46%
Sequoia Union High	20%	19%	72%	65%	17%	47%
Milpitas Unified	19%	23%	67%	36%	50%	36%
Morgan Hill Unified	19%	21%	62%	46%	20%	6%
Campbell Union High	16%	24%	62%	41%	0%	15%
Santa Clara Unified	16%	26%	53%	33%	11%	48%
East Side Union High	12%	17%	55%	27%	15%	31%

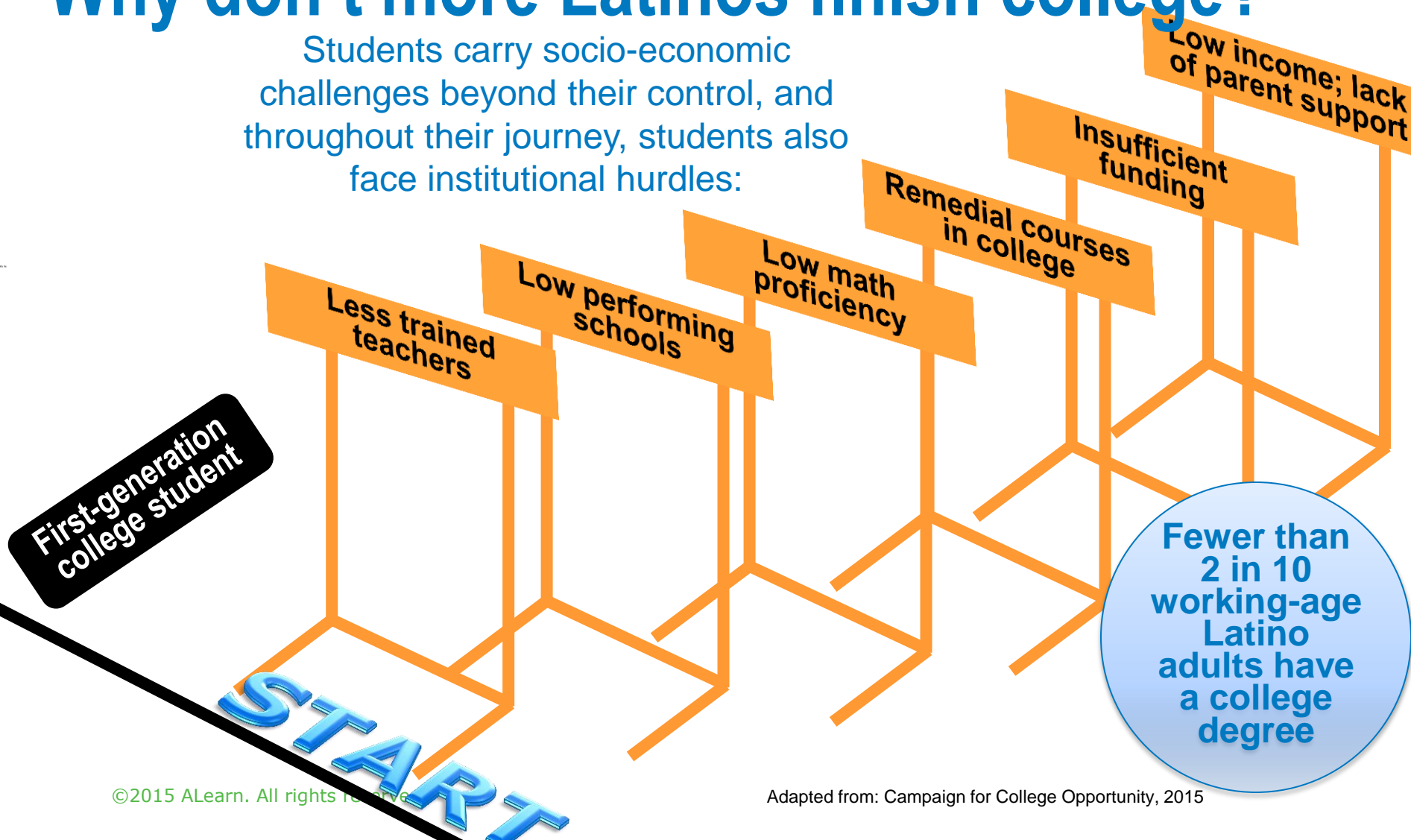
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Latinos face hurdles

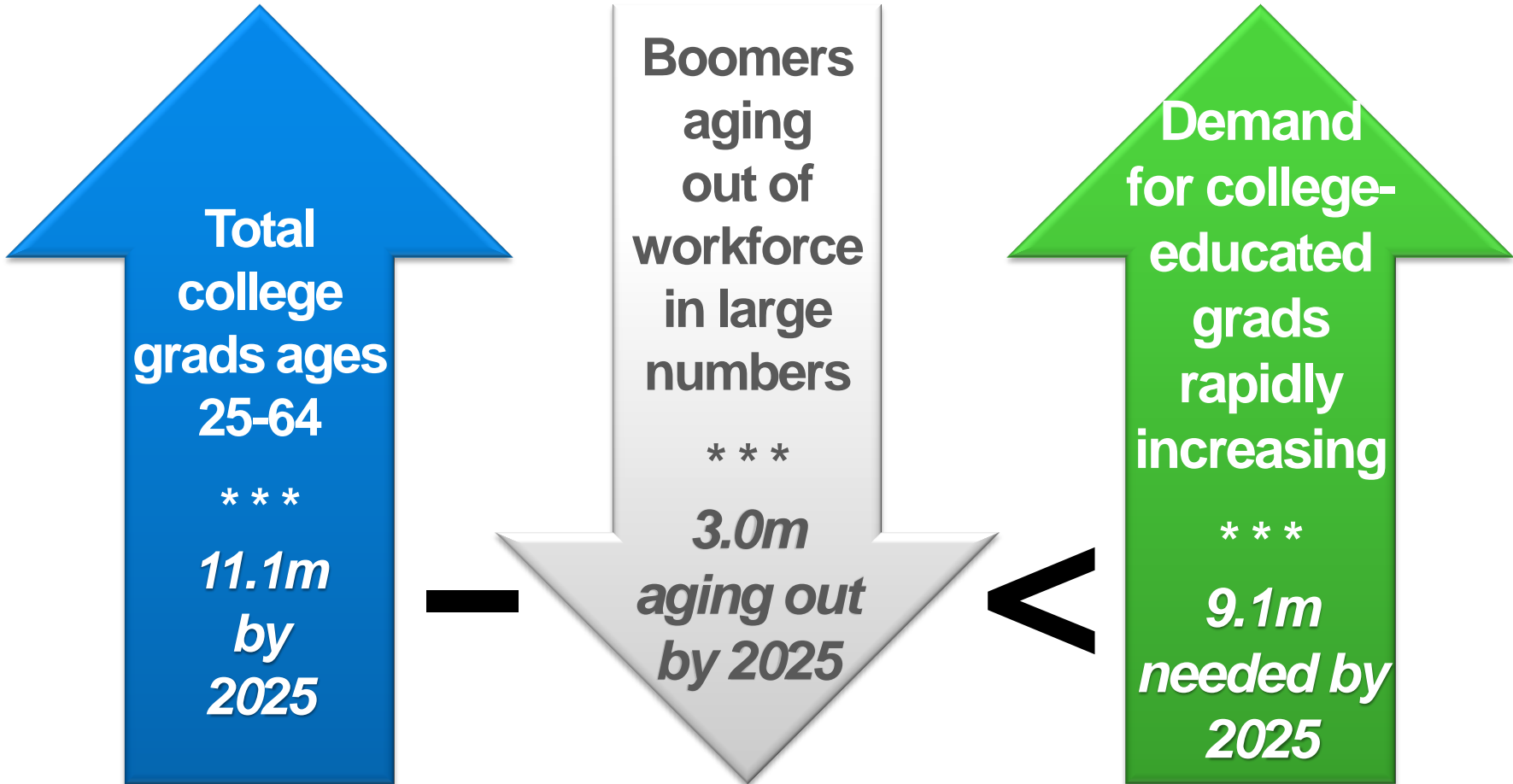


Why don't more Latinos finish college?

Students carry socio-economic challenges beyond their control, and throughout their journey, students also face institutional hurdles:



College graduate shortfall



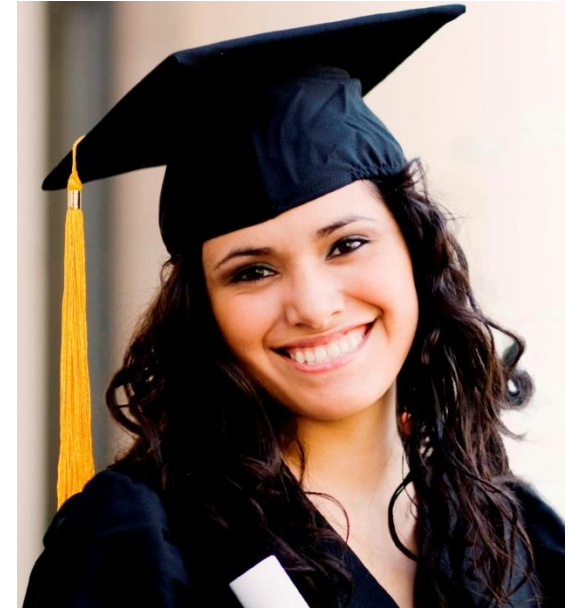
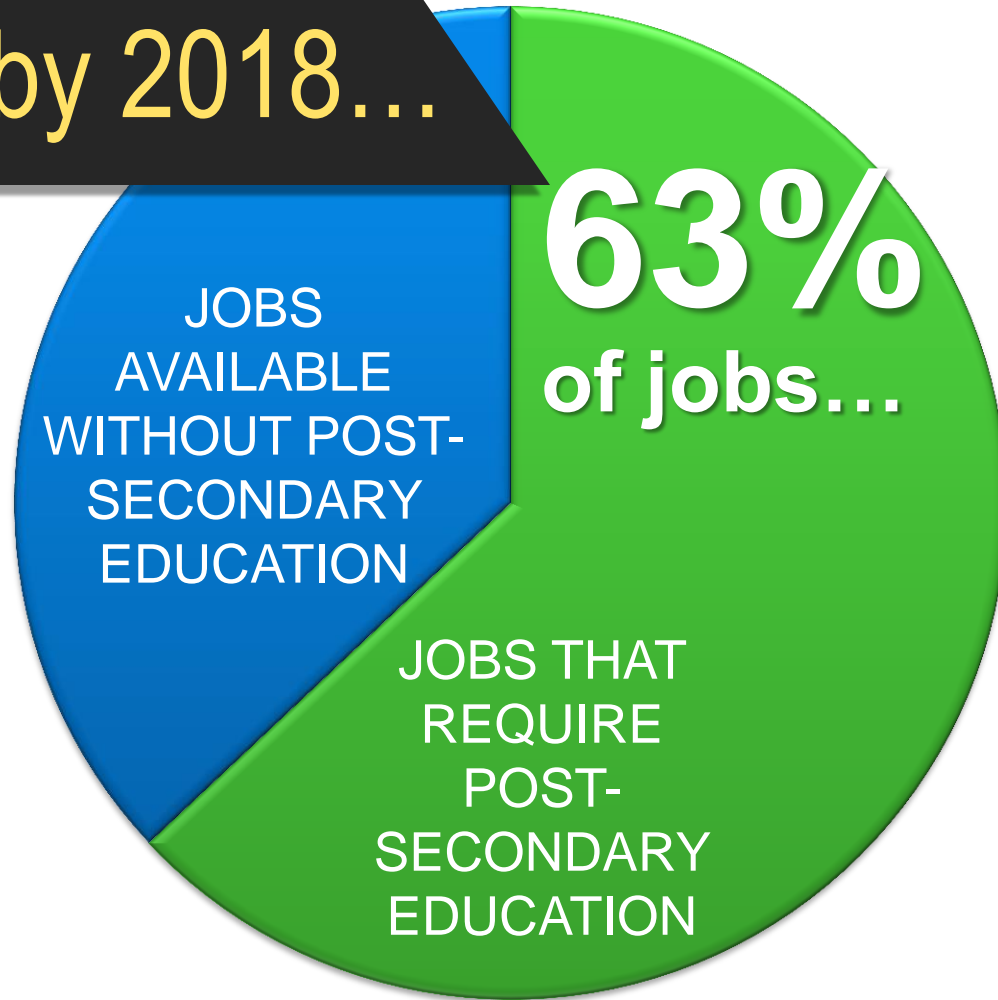
Bottom line?

California will be 1M college graduates short by 2025

Jobs require college degrees



by 2018...

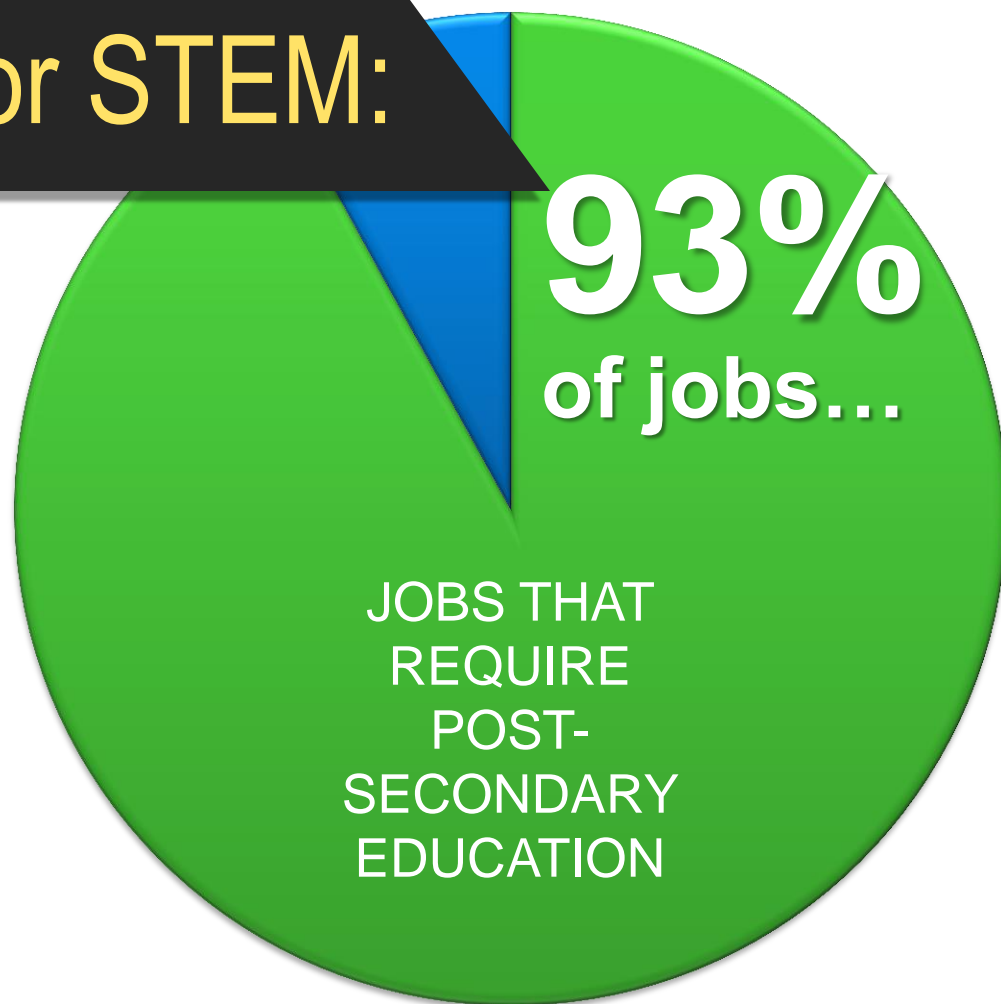


...will require
post-secondary
education**

STEM Jobs require college degrees



for STEM:



...will require post-secondary education**



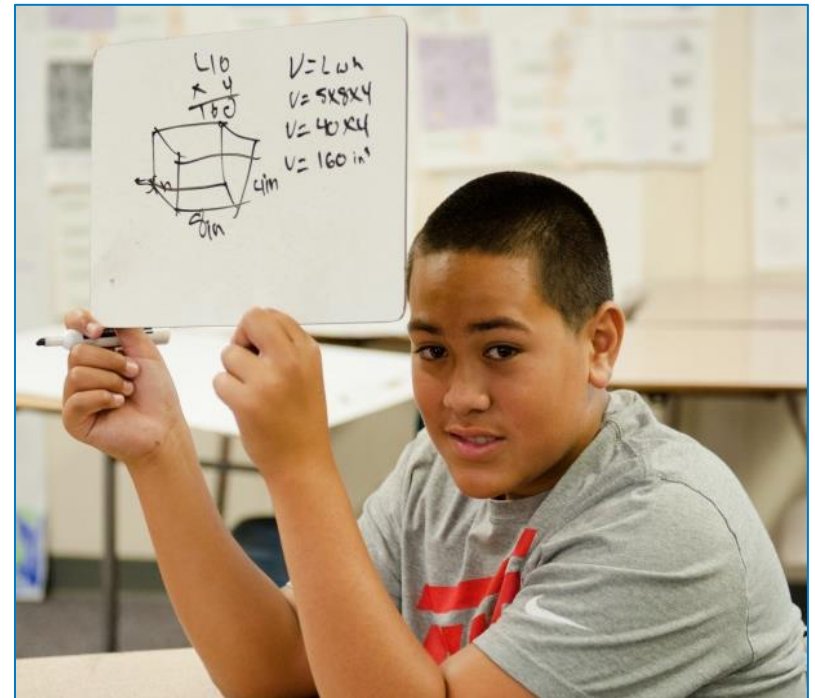
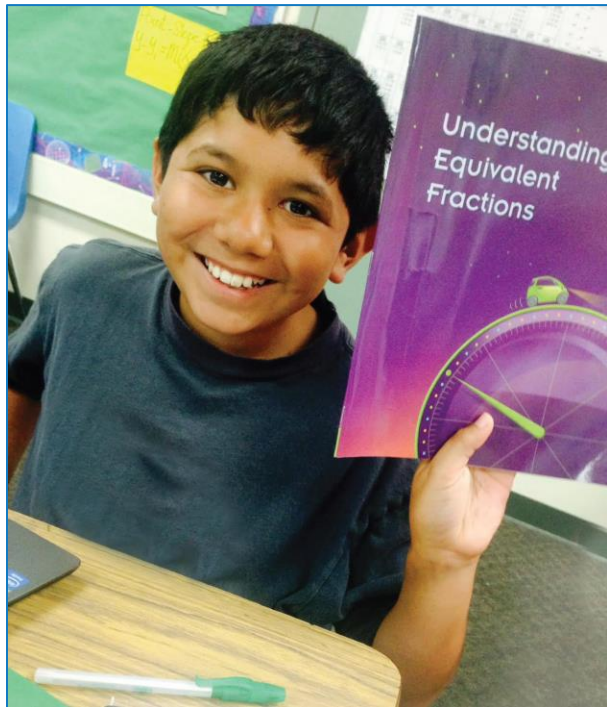
Solving the problem

ALEARN's Approach

MATH: Middle & High School



Best predictor of high school and college success



GROWTH MINDSET



I can learn anything I want to.
When I'm frustrated, I persevere.
I want to challenge myself.
When I fail, I learn.
Tell me I try hard.
If you succeed, I'm inspired.
My effort and attitude determine everything.



I'm either good at it, or I'm not.
When I'm frustrated, I give up.
I don't like to be challenged.
When I fail, I'm no good.
Tell me I'm smart.
If you succeed, I feel threatened.
My abilities determine everything.

COLLEGE READINESS



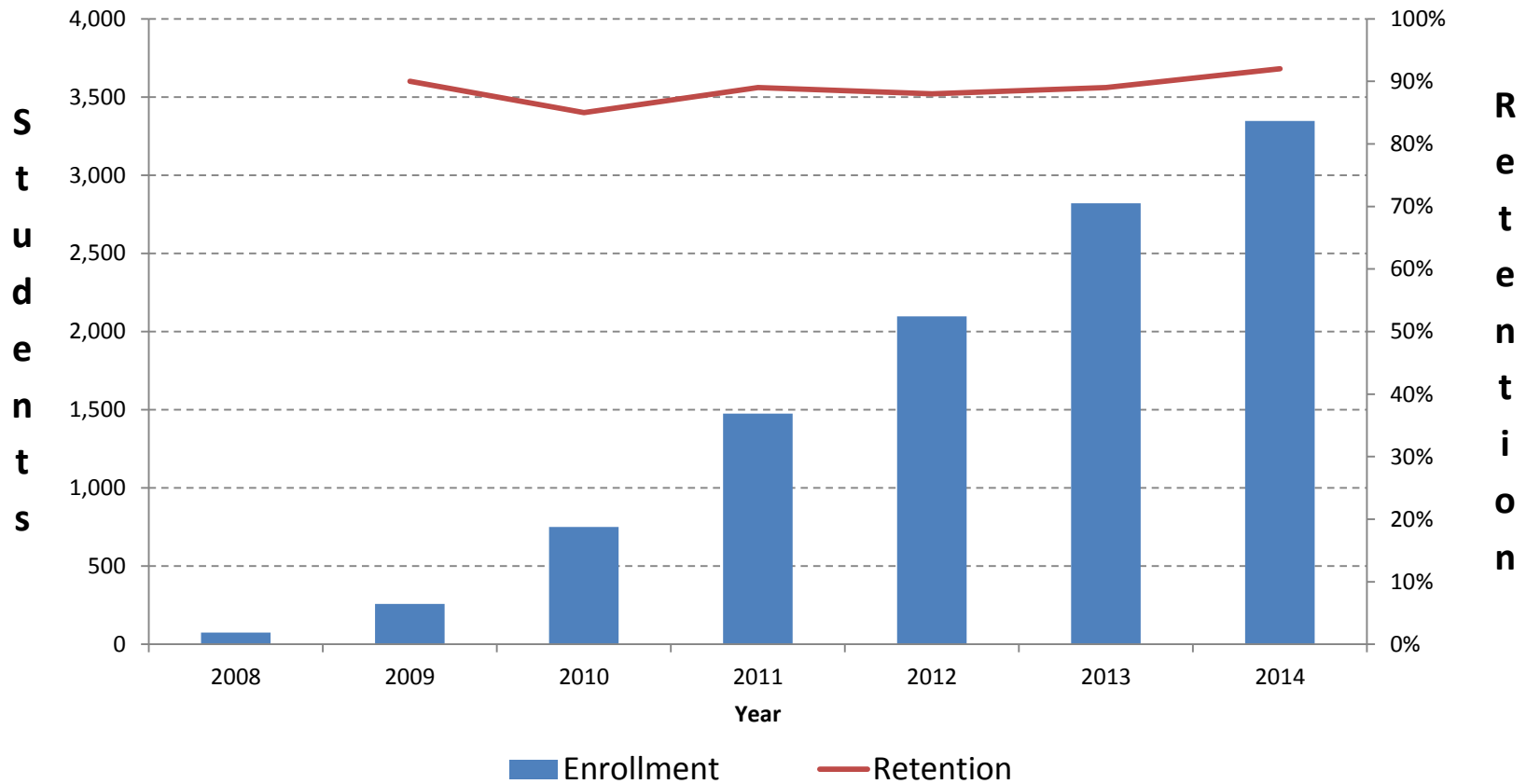
- ↑ College Readiness Curriculum
- ↑ Field Trips to local colleges
- ↑ College Information Nights—including families



Middle School Program Numbers



ALearn's MAP Participation



Served 3,393 students with an average retention of 89%.

Positive Attitude Precedes Academic Growth



Stanford Research Team Reports that Map Contributes Significantly to All 5 of the Attributes Below That Prepare Students For Academic Growth



Confidence

**Interest in
Math**

**Importance
of Math**

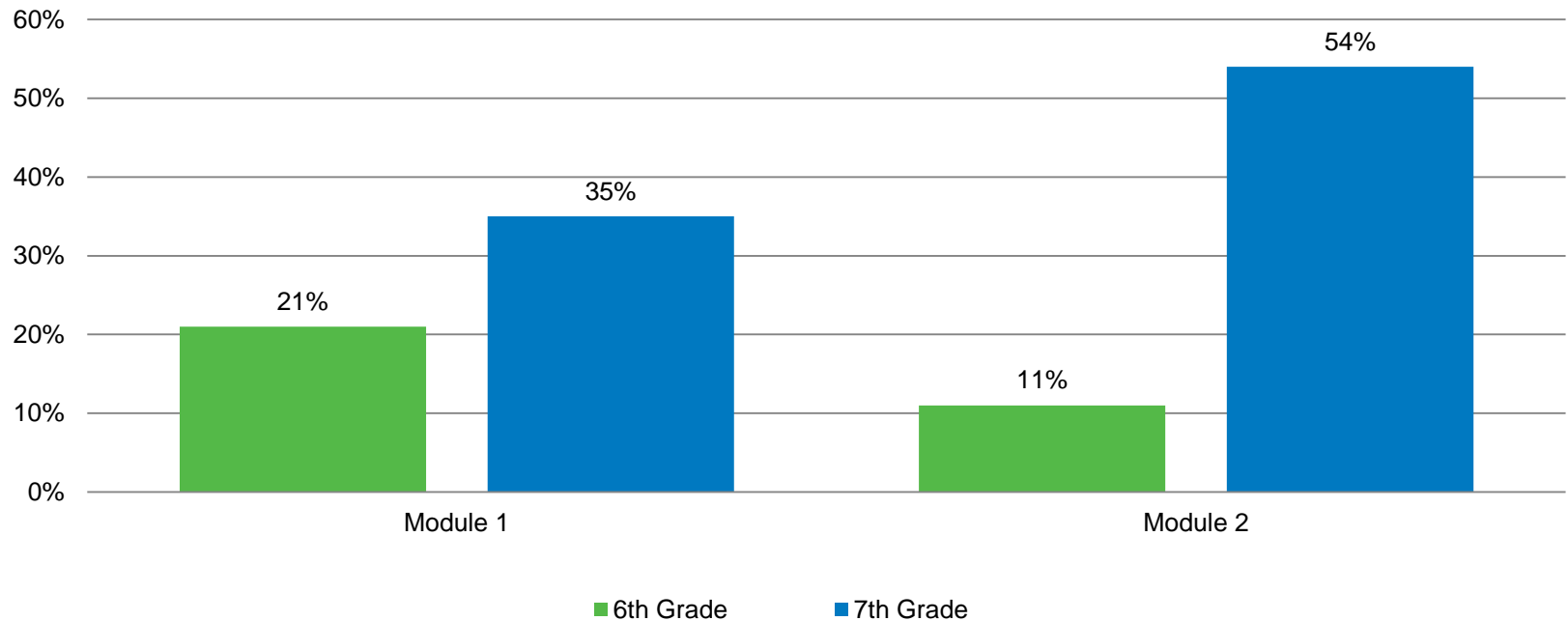
**Desire to
Learn Math**

**Methodical
Effort**

ALearn Middle School Results



ALearn's 2014 MAP Post-Test Improvement Versus Pre-Test

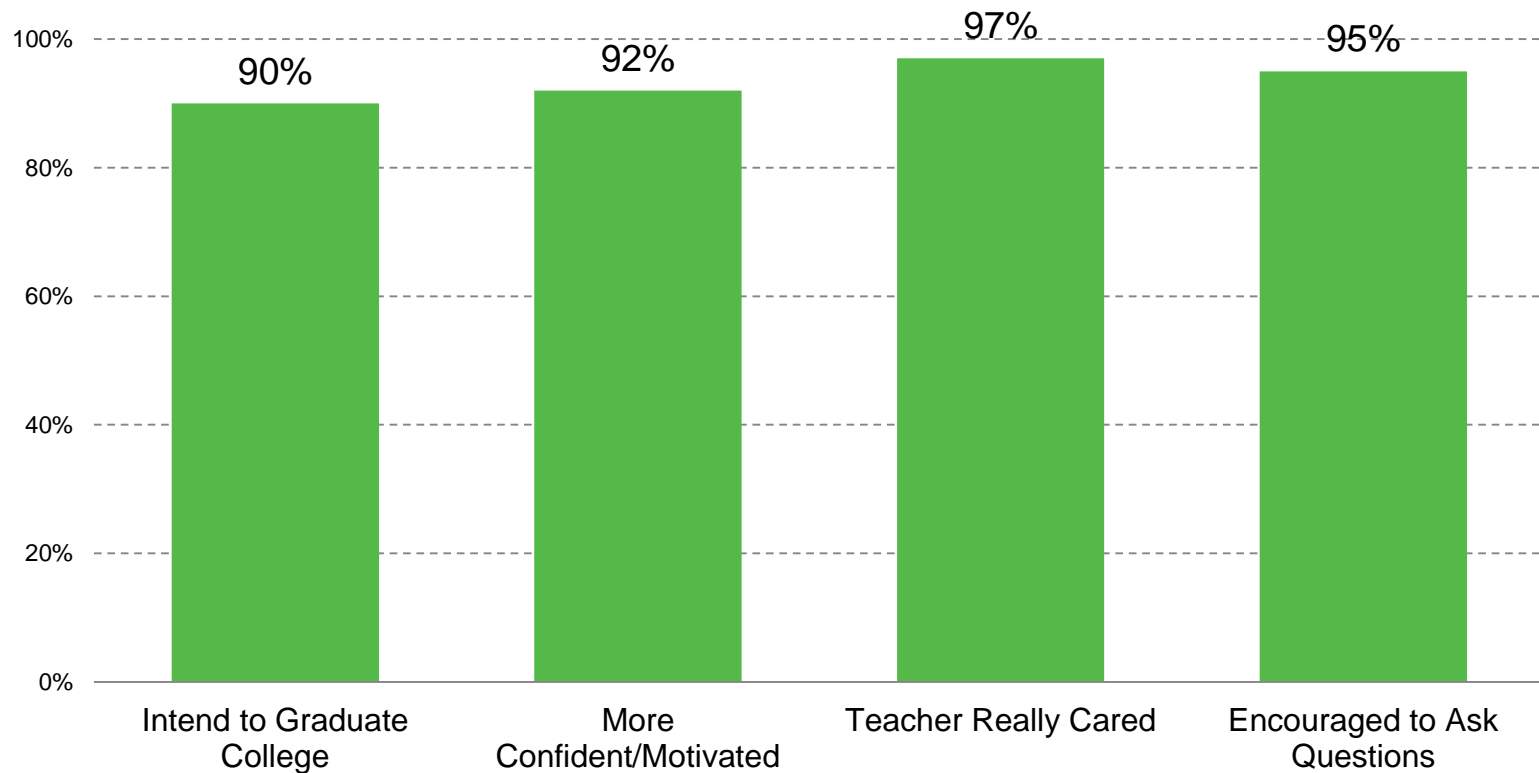


Modules: 6th Grade - Unit Fractions/Place Value, 7th Grade - Rational Numbers/Equivalent Fractions

ALearn Student Aspirations



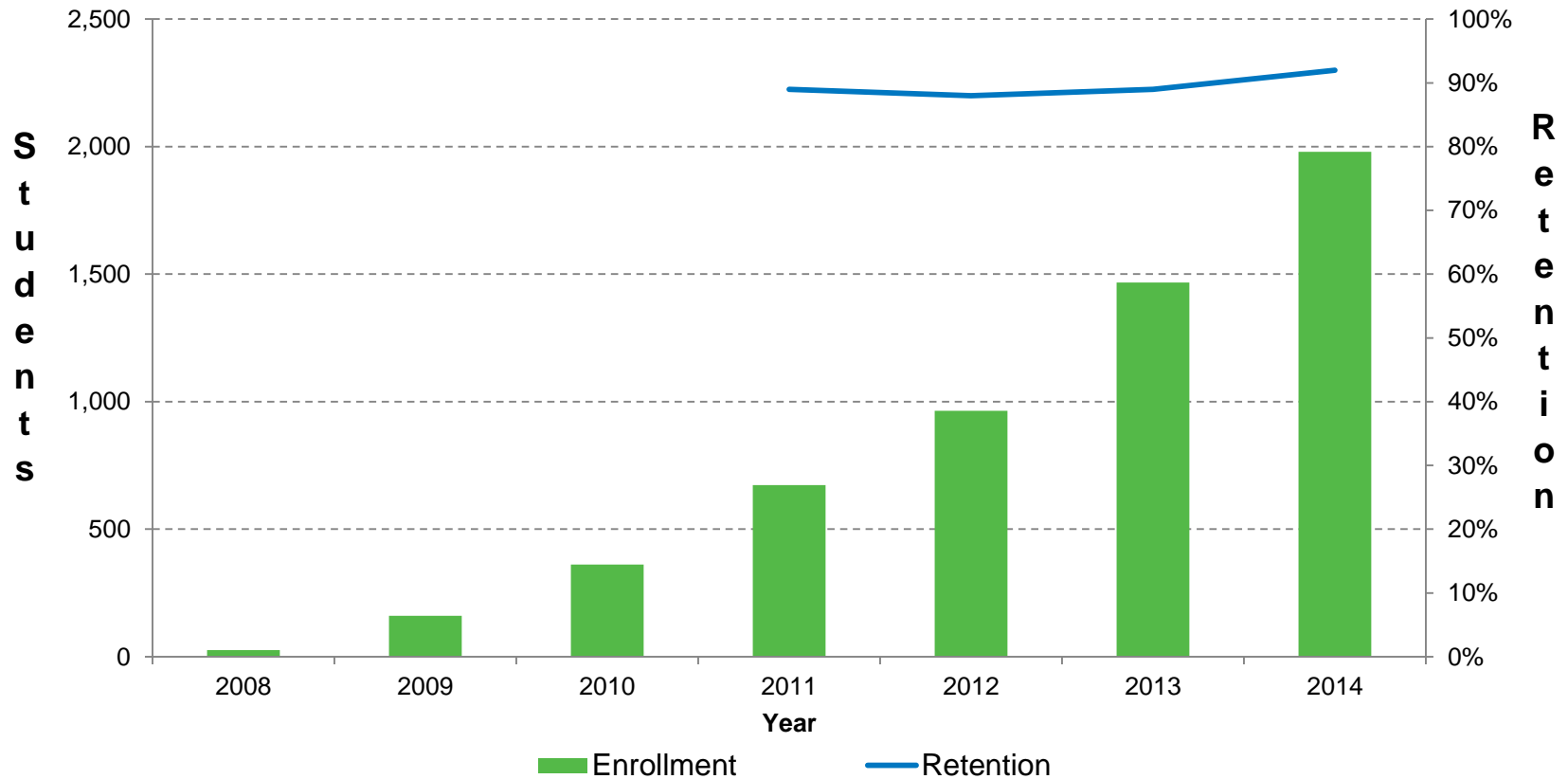
2014 ALearn MAP Students' Attitudes



High School Program Numbers



ALearn's Cumulative Catalyst Enrollment

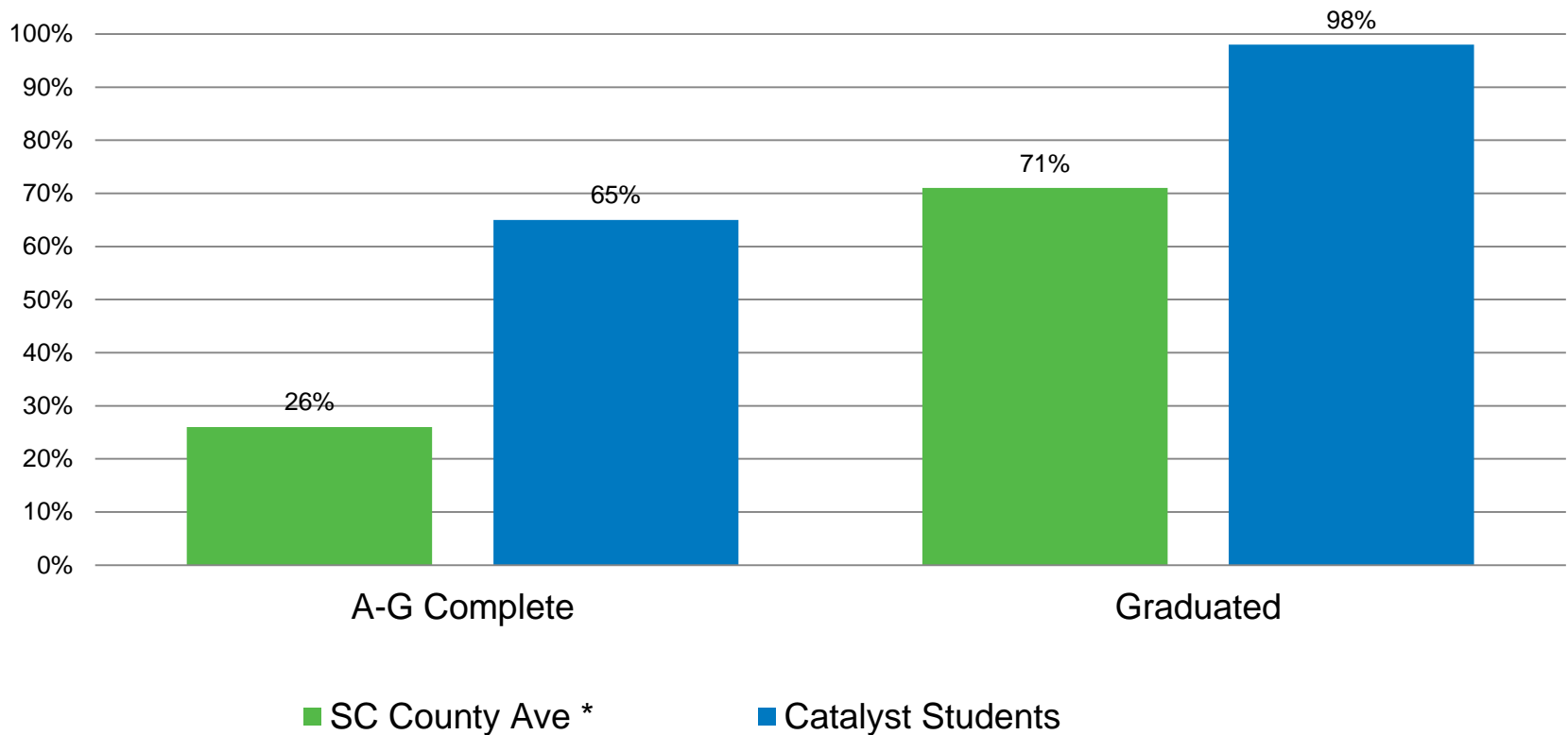


Served 1,980 students with an average retention of 90%

Student Results



ALearn's Graduating Catalyst Classes 2012-2014



ALearn WORKS!

