Research Highlights 2017

October 3, 2017

CHABOT-LAS POSITAS | *Community College District*

Presentation to Board of Trustees by Institutional Researchers:

- Dr. Carolyn Arnold, Chabot College
- Mr. Rajinder Samra, M.S., Las Positas College

Student Success Scorecard 2017

- **State Chancellor's Office seven measures of success**
  - Completion (earn certificate, degree, or transfer)
  - Persistence: enrolled in first 3 consecutive terms
  - Earn 30 units
  - Progress in English/ESL/Math: basic skills to college level
  - Completion by students in Career & Technical Ed programs
  - Skills Builders: change in earnings from CTE coursework
  - Complete transfer-level English and Math in 1 or 2 years
- **Previous presentations have focused on first three**
  - Tracks student success over 6 years (this year from 2010-11)

Transfer-Level Achievement Rates

- **Transfer achievement in English and Math**
  - Percent of students who complete transfer-level English or Math
    - Attempt any math or English in first year
    - Complete transfer level math or English by second year
  - This data more recent: tracks students for 2 years, not 6 years (2014-2015)

- **Chabot:** **Math achievement rates in 2 years**
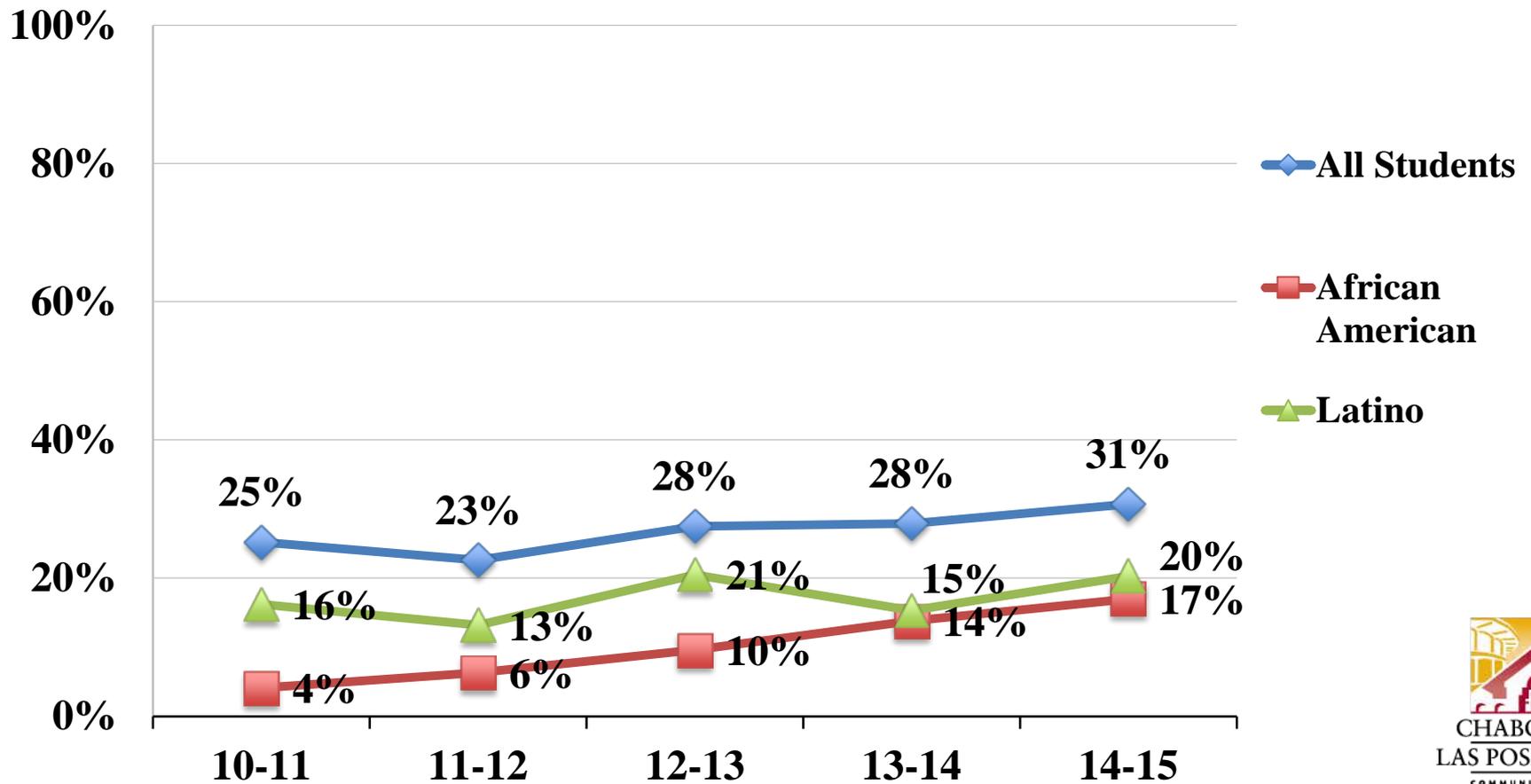- **Las Positas:** **English achievement rates in 2 years**
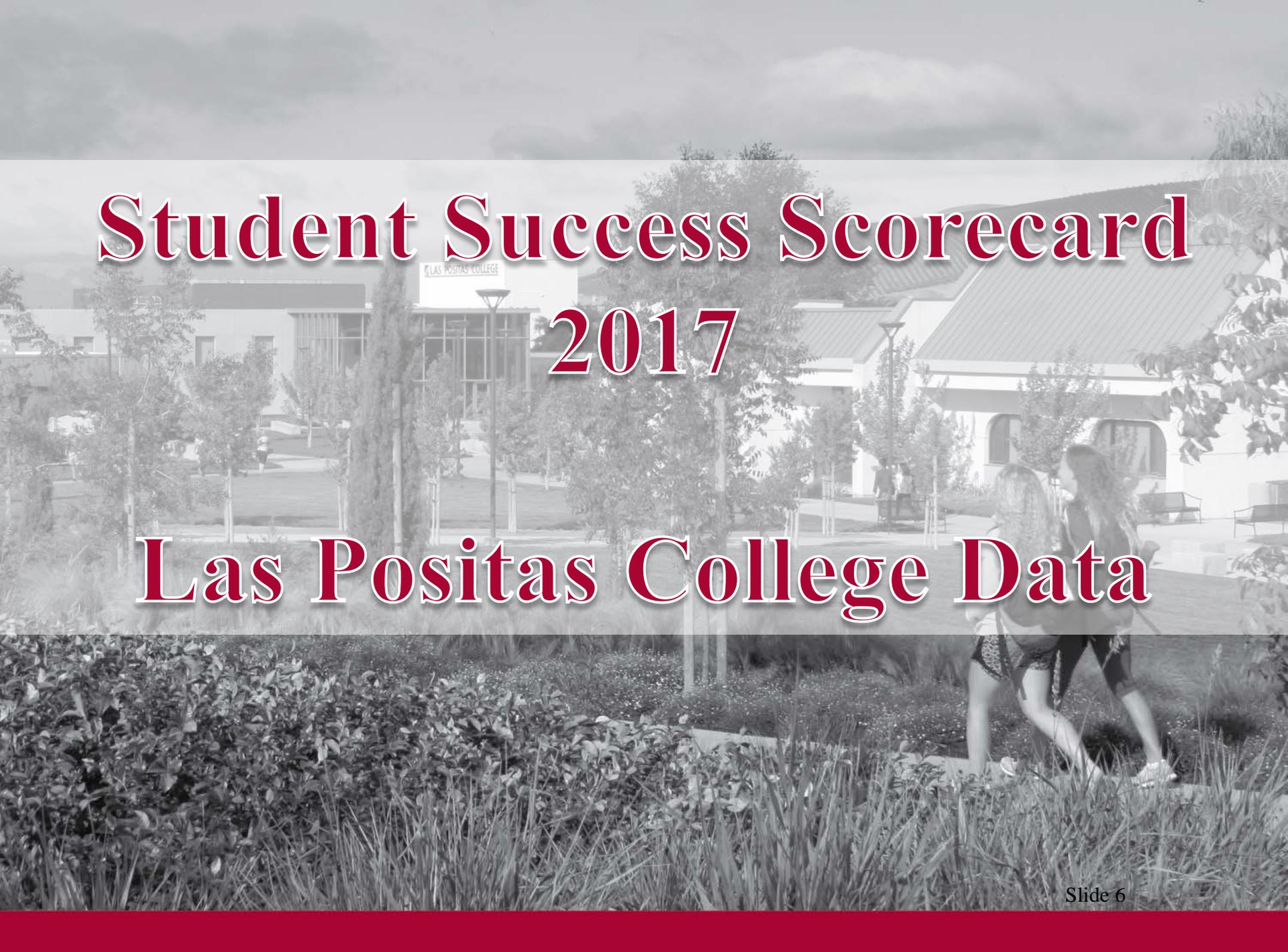
Student Success Scorecard 2017

Chabot College Data

Chabot College
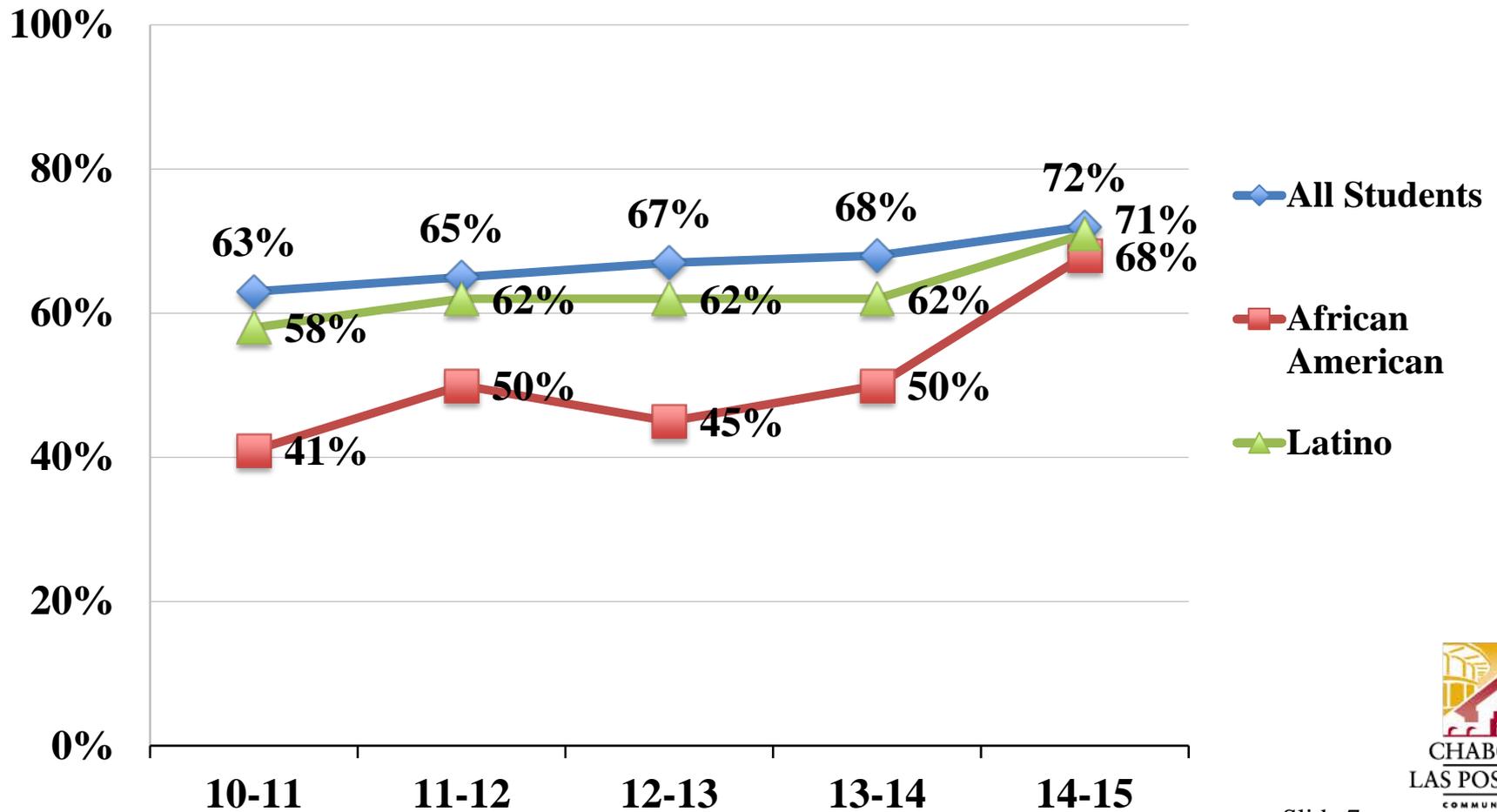# Math Transfer-Level Achievement Rates in 2 years

Student Success Scorecard 2017

Las Positas College Data

Las Positas College
English Transfer-Level Achievement Rates in 2 years

Slide 7

Student Success Scorecard 2017

Can be found at:

http://scorecard.cccco.edu/scorecard.aspx
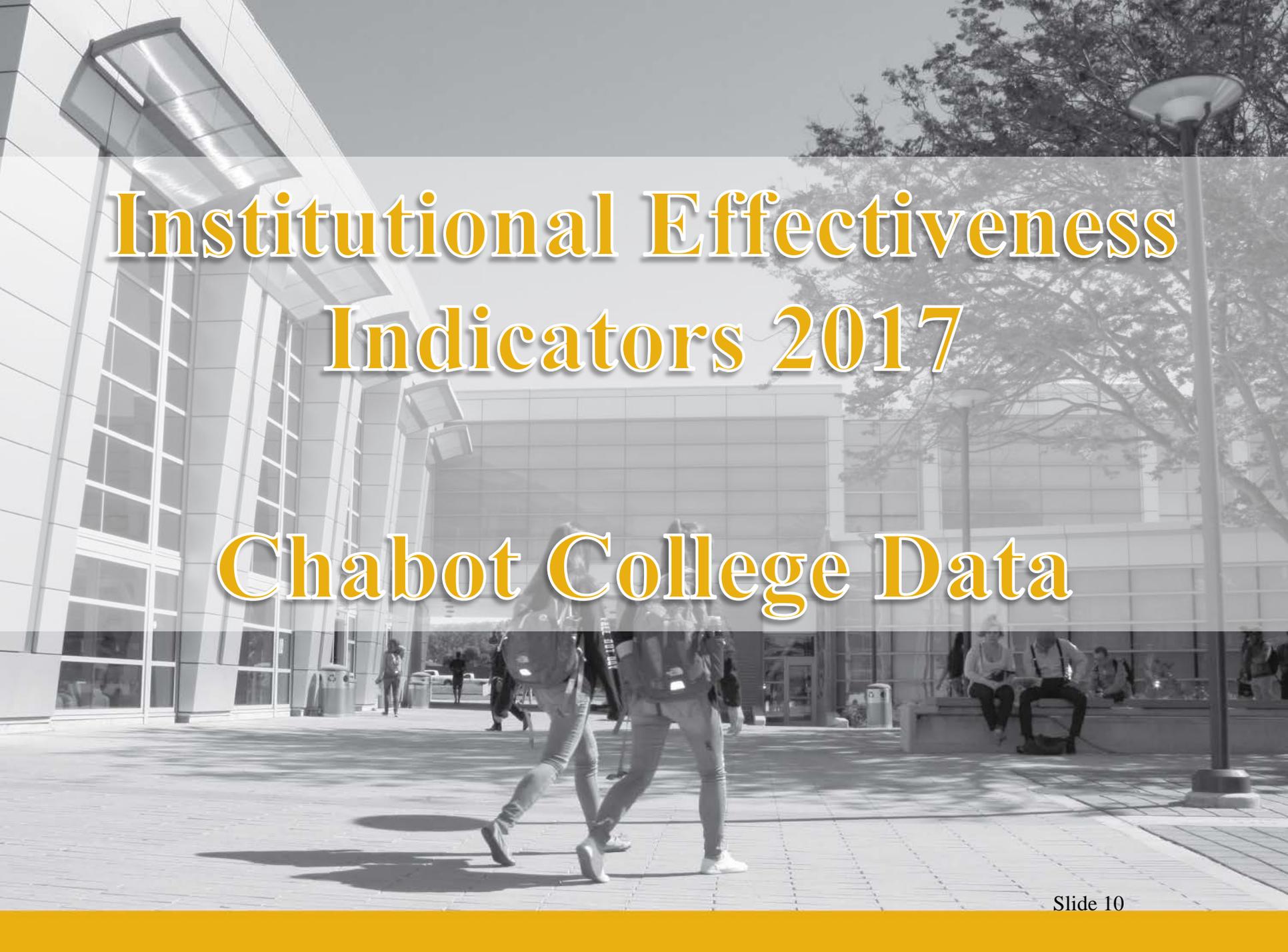
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Institutional Effectiveness 2017 Indicators

- A high-level view of colleges using common data

- Indicators include past trends and future goals

- **For Districts:** Nine indicators; four required

- **For Colleges:** Twenty-four indicators; three required

  - One of the required is free choice of any

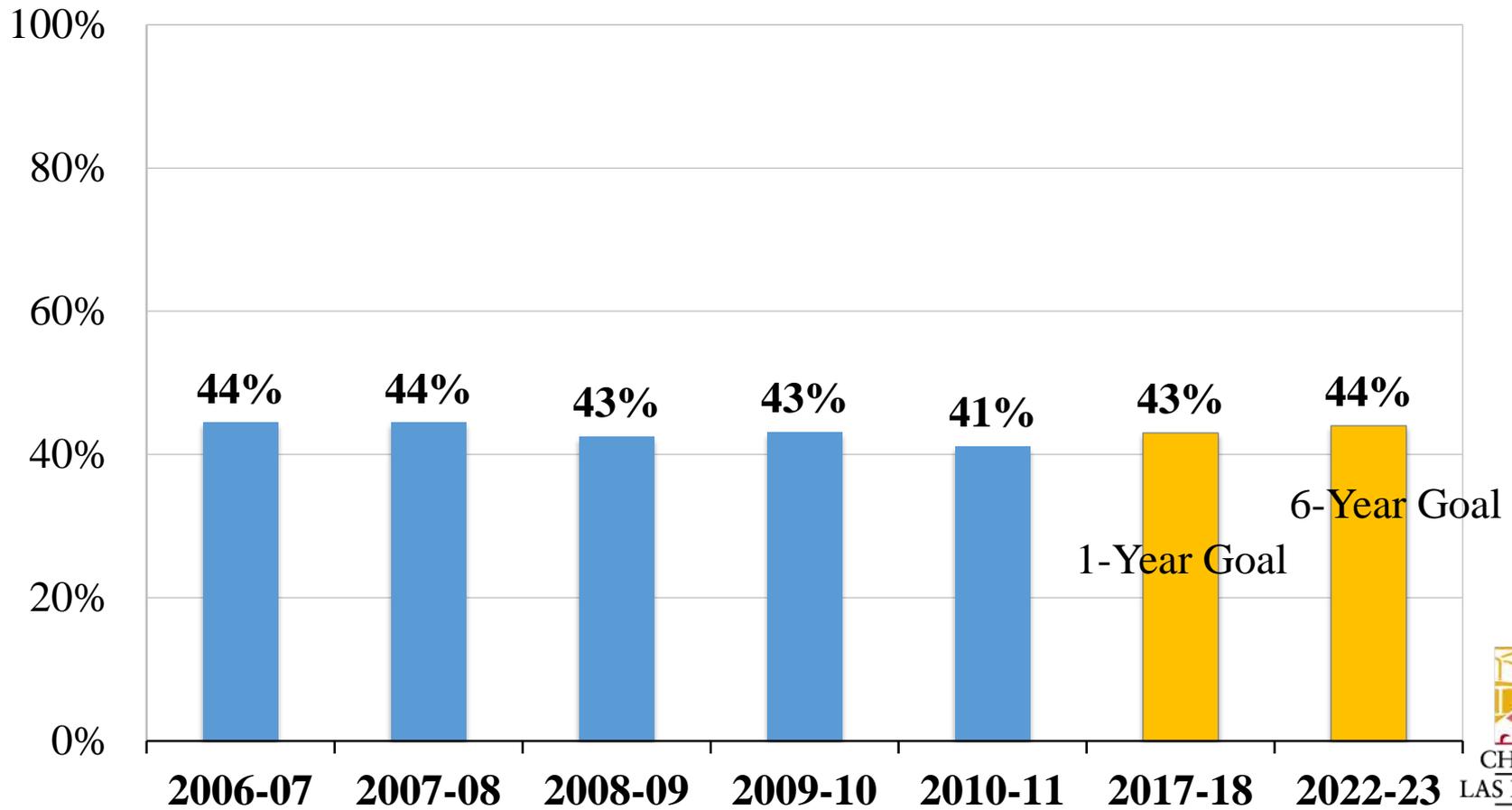 - We are presenting on our free choice option

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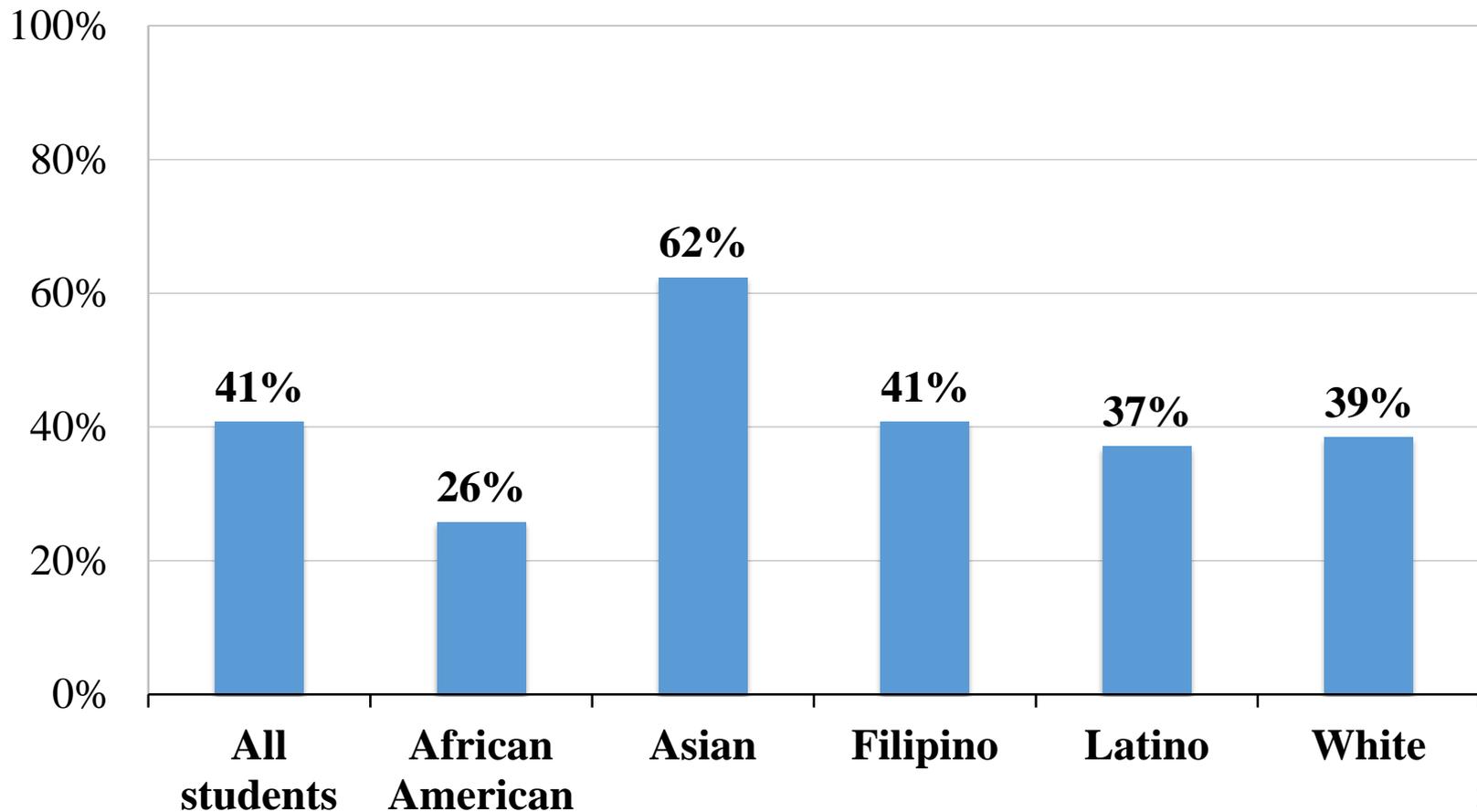
Institutional Effectiveness Indicators 2017

Chabot College Data

CHABOT COLLEGE: Completion Rates after Six Years
Students Starting in Basic Skills English or Math, by Cohort

Cohort	Rate
2006-07	44%
2007-08	44%
2008-09	43%
2009-10	43%
2010-11	41%
2017-18	43% (1-Year Goal)
2022-23	44% (6-Year Goal)

CHABOT COLLEGE: Completion Rates after Six Years by Race-Ethnicity: 2010-11 Cohort

Institutional Effectiveness Indicators 2017

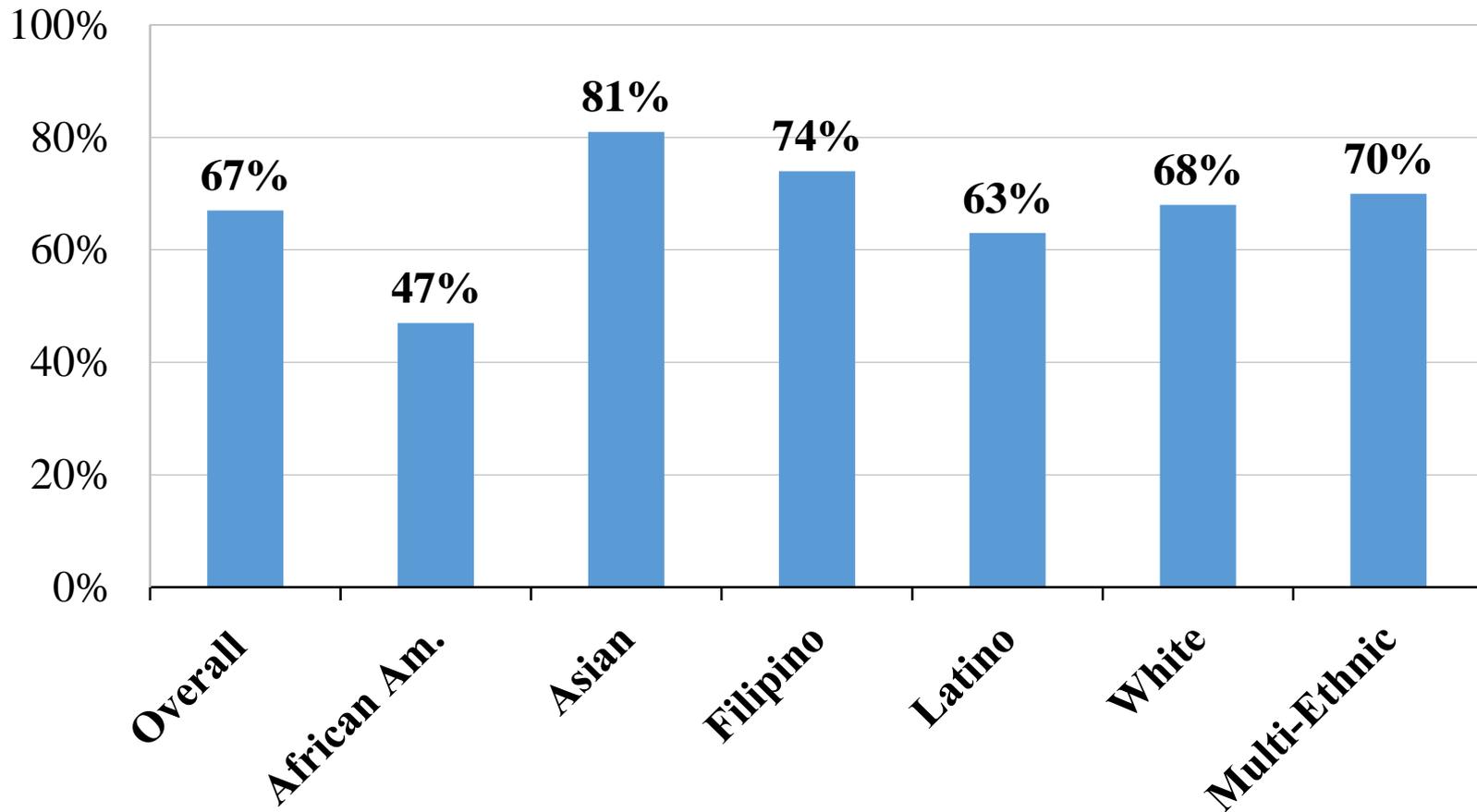# Las Positas College Data

LAS POSITAS COLLEGE:
Fall-to-Fall Persistence Rates of New Students
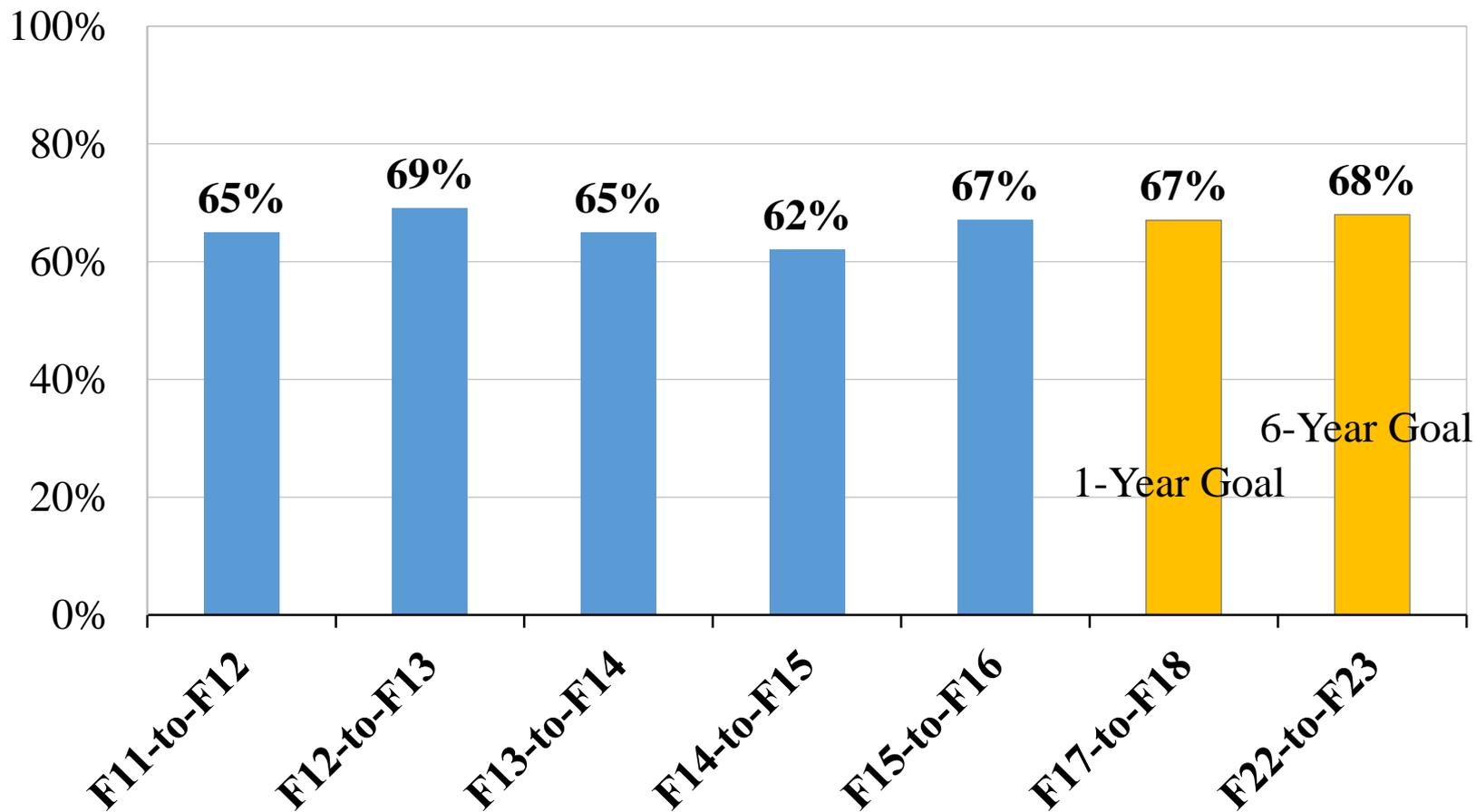
LAS POSITAS COLLEGE: Fall-to-Fall Persistence Rates of New Students By Race-Ethnicity: Fall 2015 to Fall 2016

Bar chart of Fall-to-Fall Persistence Rates:
- Overall: 67%
- African Am.: 47%
- Asian: 81%
- Filipino: 74%
- Latino: 63%
- White: 68%
- Multi-Ethnic: 70%

Institutional Effectiveness Indicators 2017

Can be found at:

https://misweb.cccco.edu/ie/DistrictRates.aspx

Multiple Measures

- Multiple measures are any non-test measures to determine readiness for a course
- CCC's are required to have measures besides a test
  - Thus the term, multiple measures!
- Each college conducted pilots on multiple measures
  - Gave more weight to multiple measures
  - Based on state-wide or national research
- **Chabot:** Math multiple measures from HS transcripts
- **Las Positas:** English multiple measures using HS GPA

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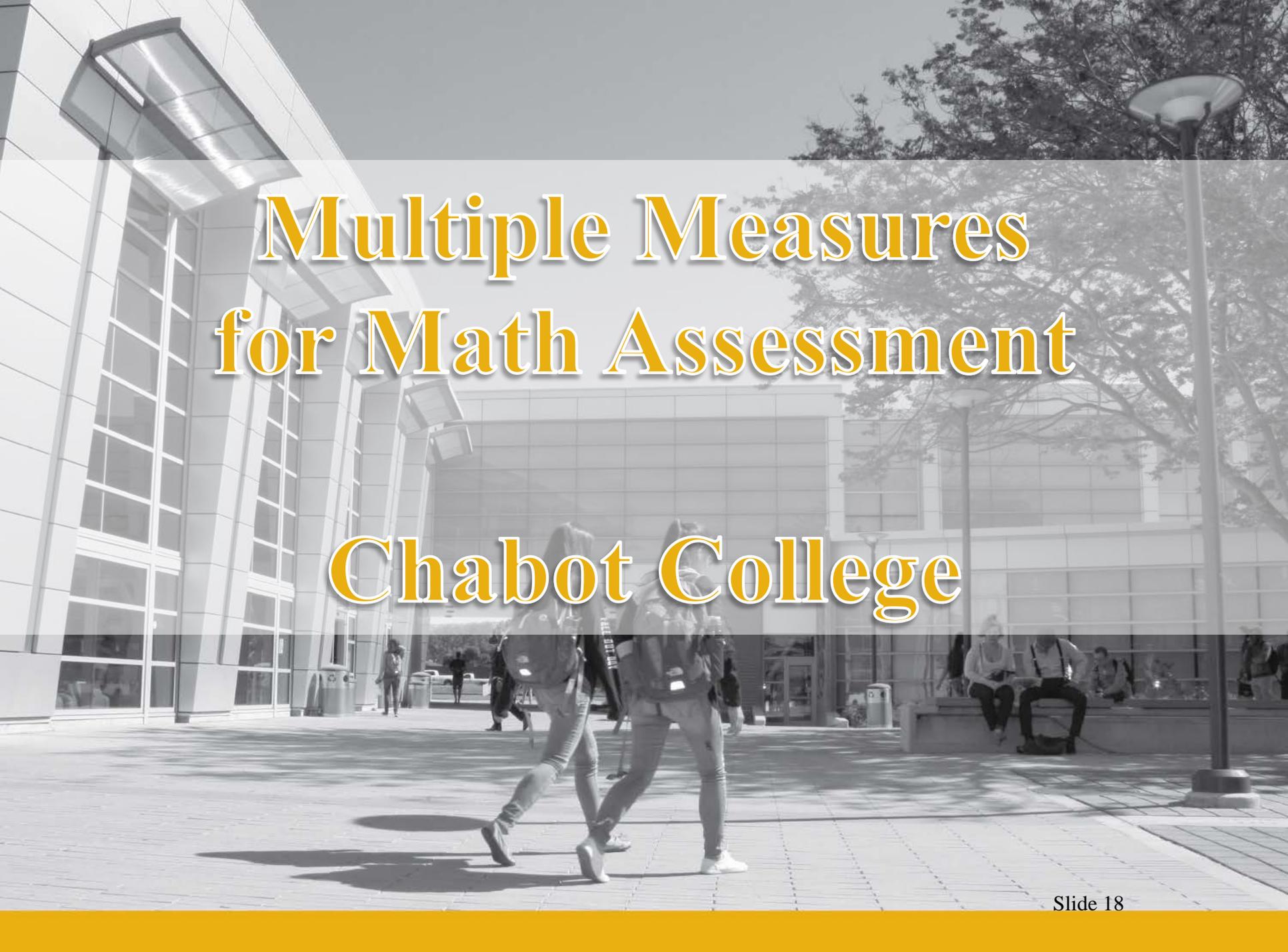
Multiple Measures for Math Assessment

Chabot College
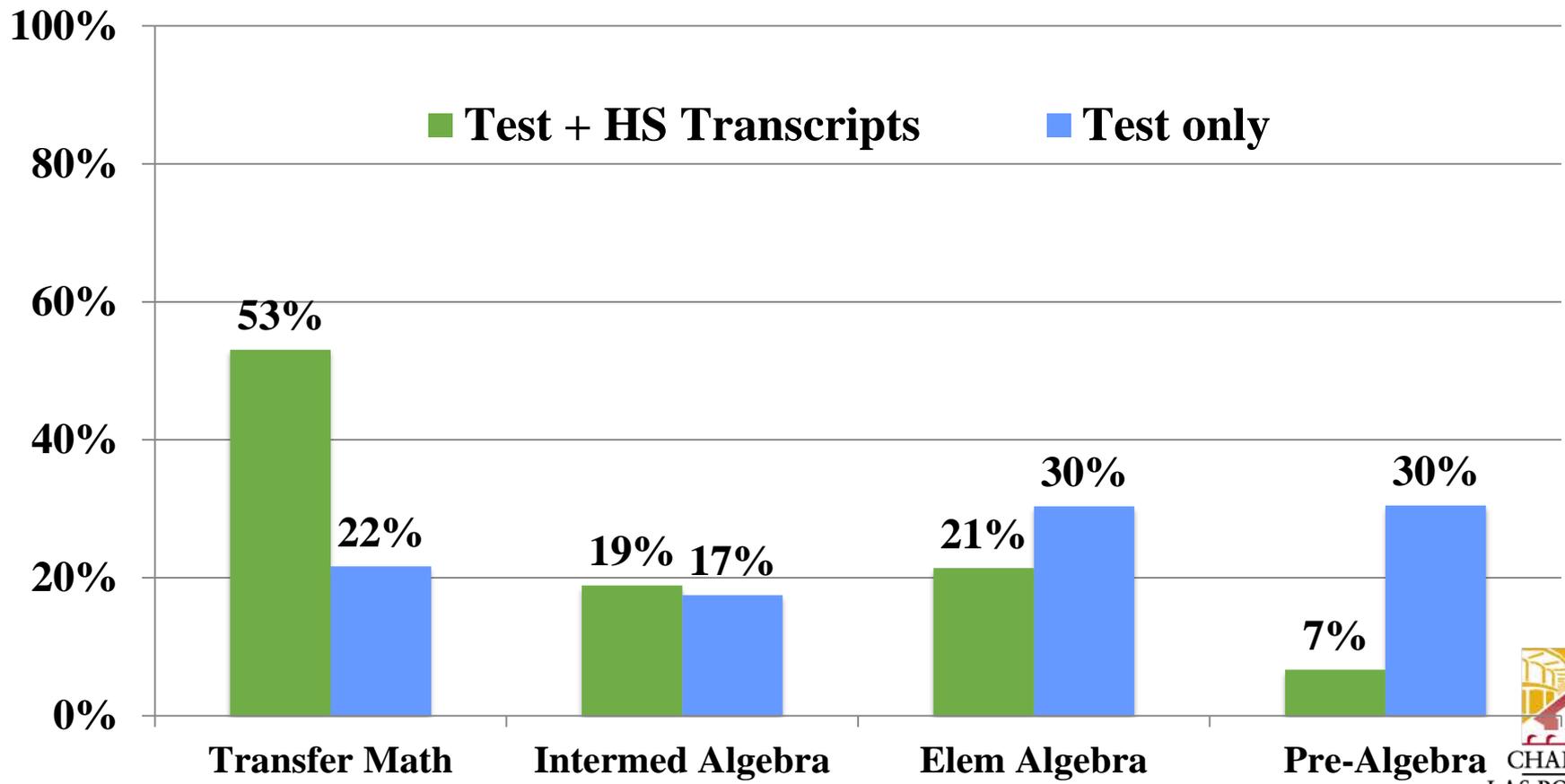
Chabot College
Multiple Measures in Math

- **Statewide group: formula for placement in Math based on**:
    - Last Math class
    - Grade in last Math class
    - HS GPA
- **Local high schools wanted better Math placement**
    - Four of our HS districts sent us their HS transcripts to use
- **Applied formula to local HS transcripts**
    - **Placements:** higher of HS Transcripts & Test Results

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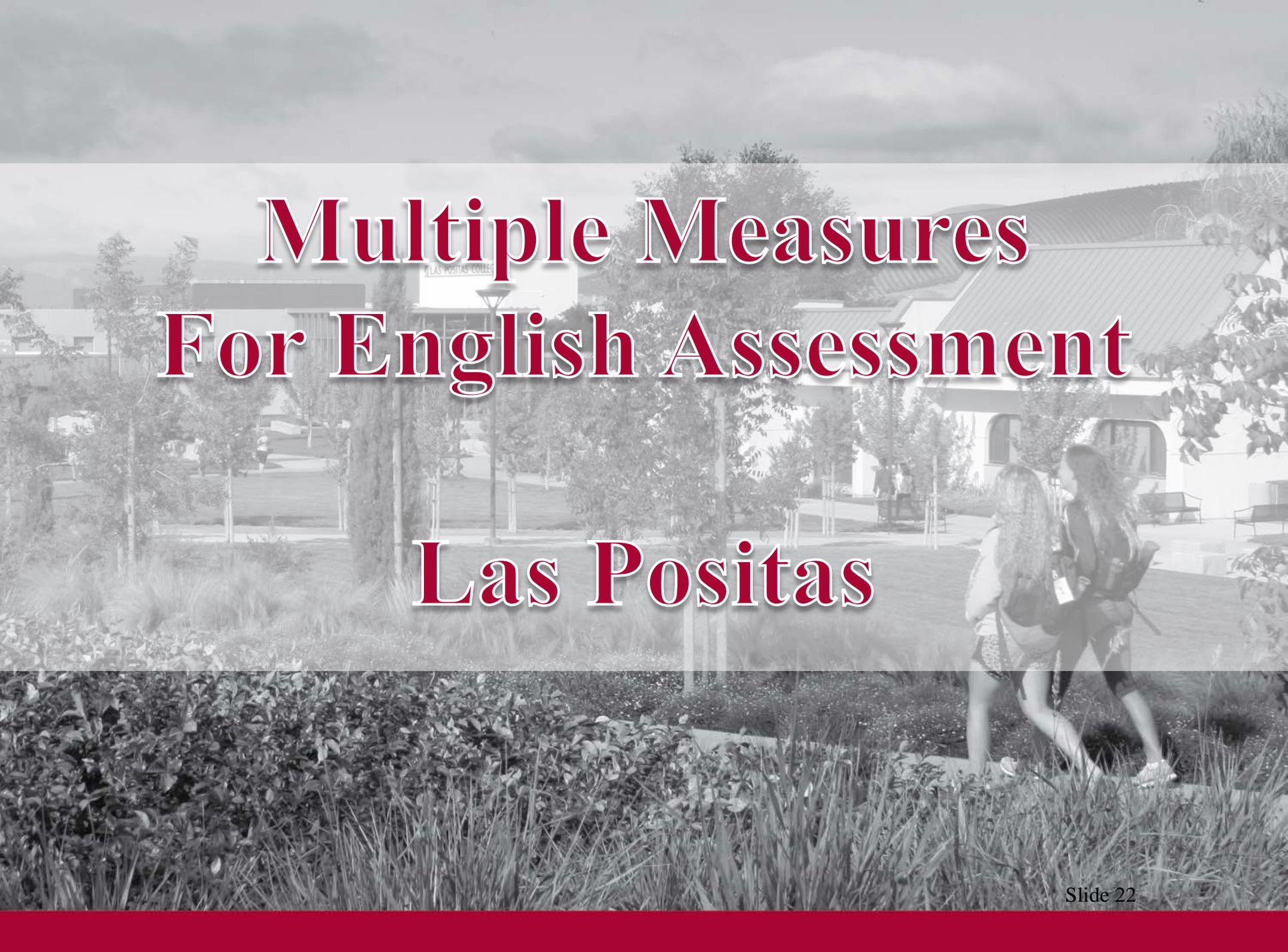**CHABOT COLLEGE: Math Assessment Recommendations Highest of HS Transcript or Test Results: Fall 2017**

Chabot College Multiple Measures

Can be found at:

www.chabotcollege.edu/ir/demographics.asp#Assessment_into_English_and_Math_courses

Multiple Measures
For English Assessment

Las Positas

Las Positas College
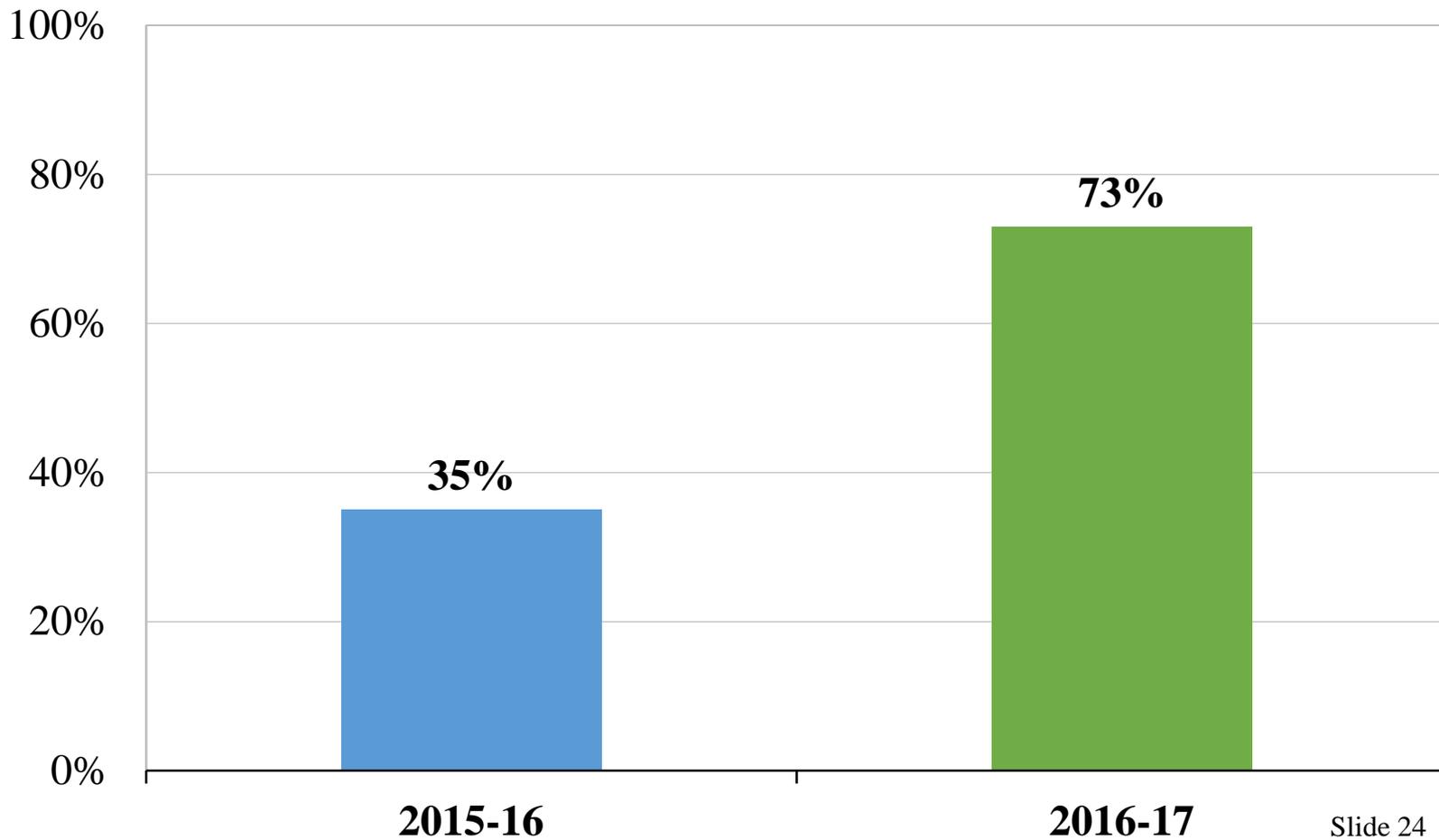# Multiple Measures in English

Multiple measures criteria for placing students into transfer-level English:

- Graduated from an American high school within ten years

- High School GPA of 2.50 or above

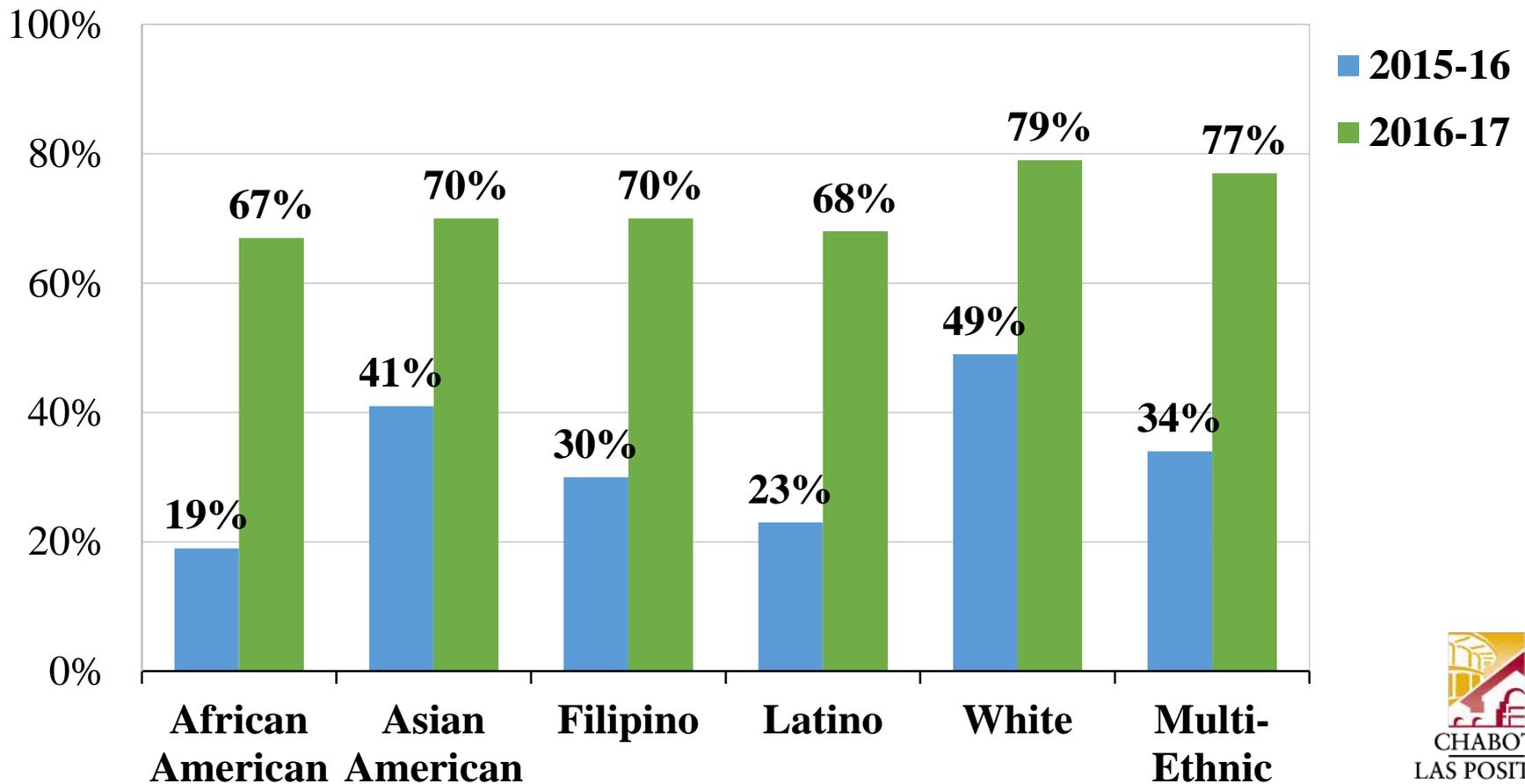# LAS POSITAS COLLEGE: English Assessment Recommendations
Students who Assessed into Transfer-Level English: 2015-16 vs 2016-17

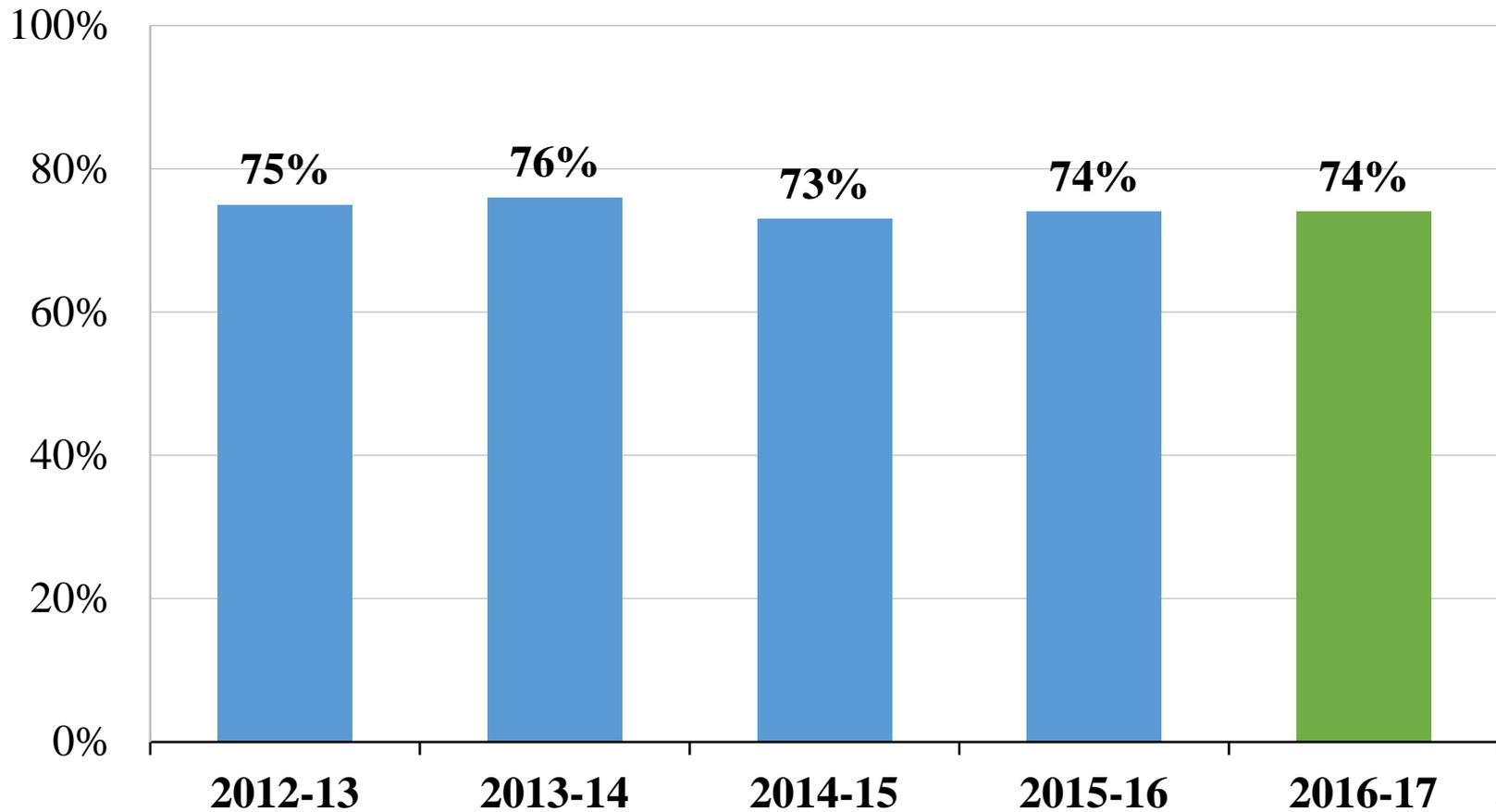# LAS POSITAS COLLEGE: English Assessment Recommendations
Students who Assessed into Transfer-Level English by Race-Ethnicity

Chart legend: ■ 2015-16 ■ 2016-17

Race-Ethnicity	2015-16	2016-17
African American	19%	67%
Asian American	41%	70%
Filipino	30%	70%
Latino	23%	68%
White	49%	79%
Multi-Ethnic	34%	77%

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LAS POSITAS COLLEGE: English Assessment Recommendations
Overall Course Success Rates in English 1A

Las Positas College Multiple Measures

Can be found at:

https://goo.gl/fRBdLF