

Fall 2017 Multiple Measures Pilot

What are multiple measures?

- Placement based on at least two different measures, including at least one non-test measure.
- At Foothill College: Multiple measures are Accuplacer and high school transcript data. Students receive the highest of the two placements.

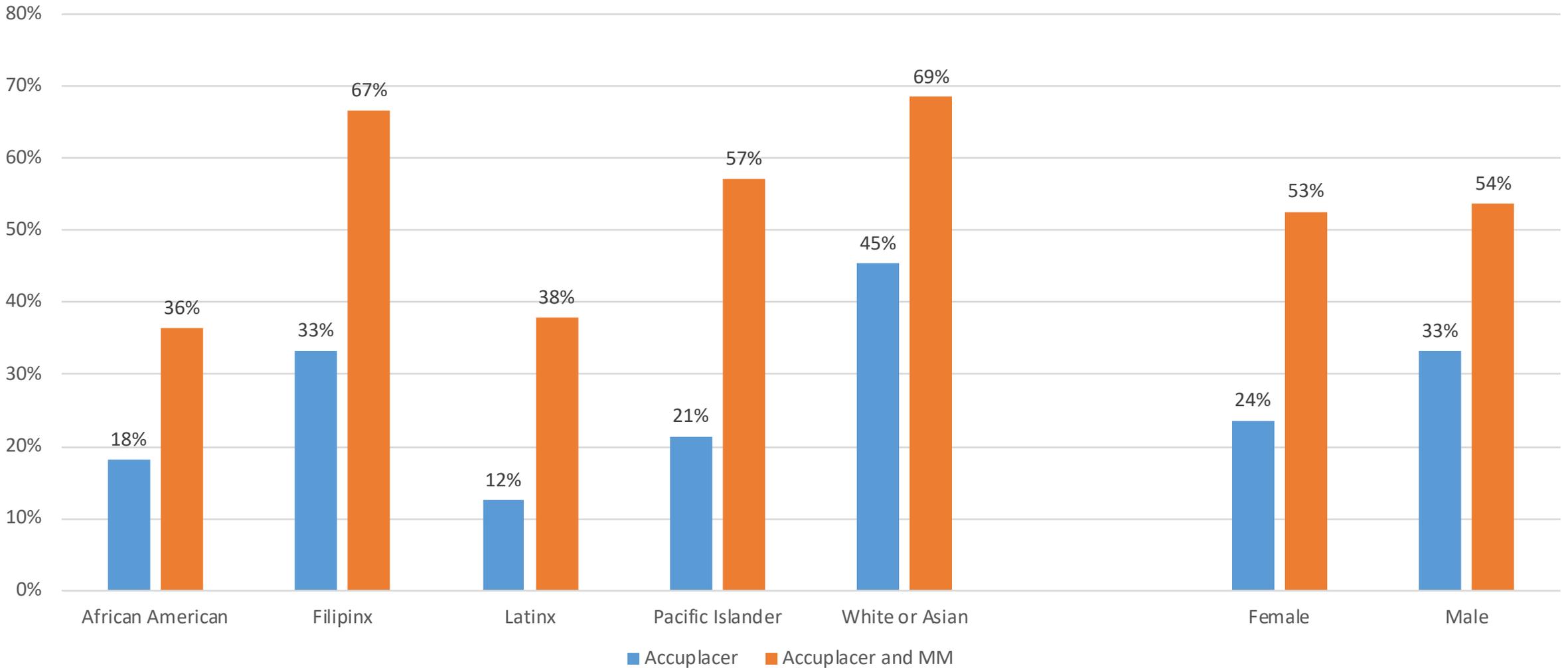
Goal: Allow students to demonstrate readiness for a course in multiple ways.

Fall 2017 Multiple Measures Pilot

- Study includes students who:
 - Received a math or English Accuplacer placement between July 26 – Oct. 6, 2017
 - Were not international students (based on list from International Office)
- Math: 869 students
 - 94% responded to multiple measures questions
 - 46% received a multiple measures placement
- English: 596 students
 - 89% responded to multiple measures questions
 - 48% received a multiple measures placement

Fall 2017: Placement into College-Level Math

Accuplacer vs. Accuplacer and multiple measures



Fall 2017: Math 10 Course Enrollment and Success Results

With addition of multiple measures:

214 more students placed

- 45% Latinx
- 57% female



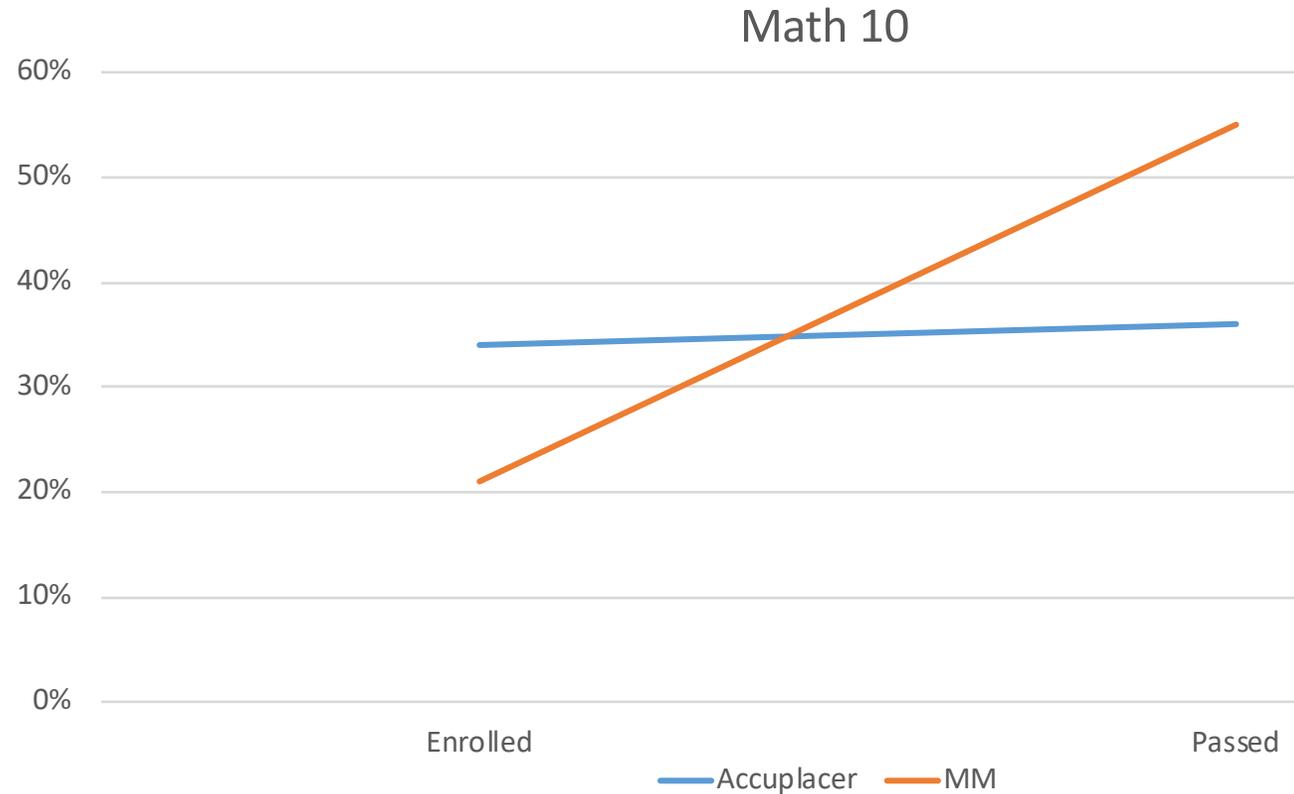
44 more students enrolled

- 39% Latinx
- 77% female



24 more students passed

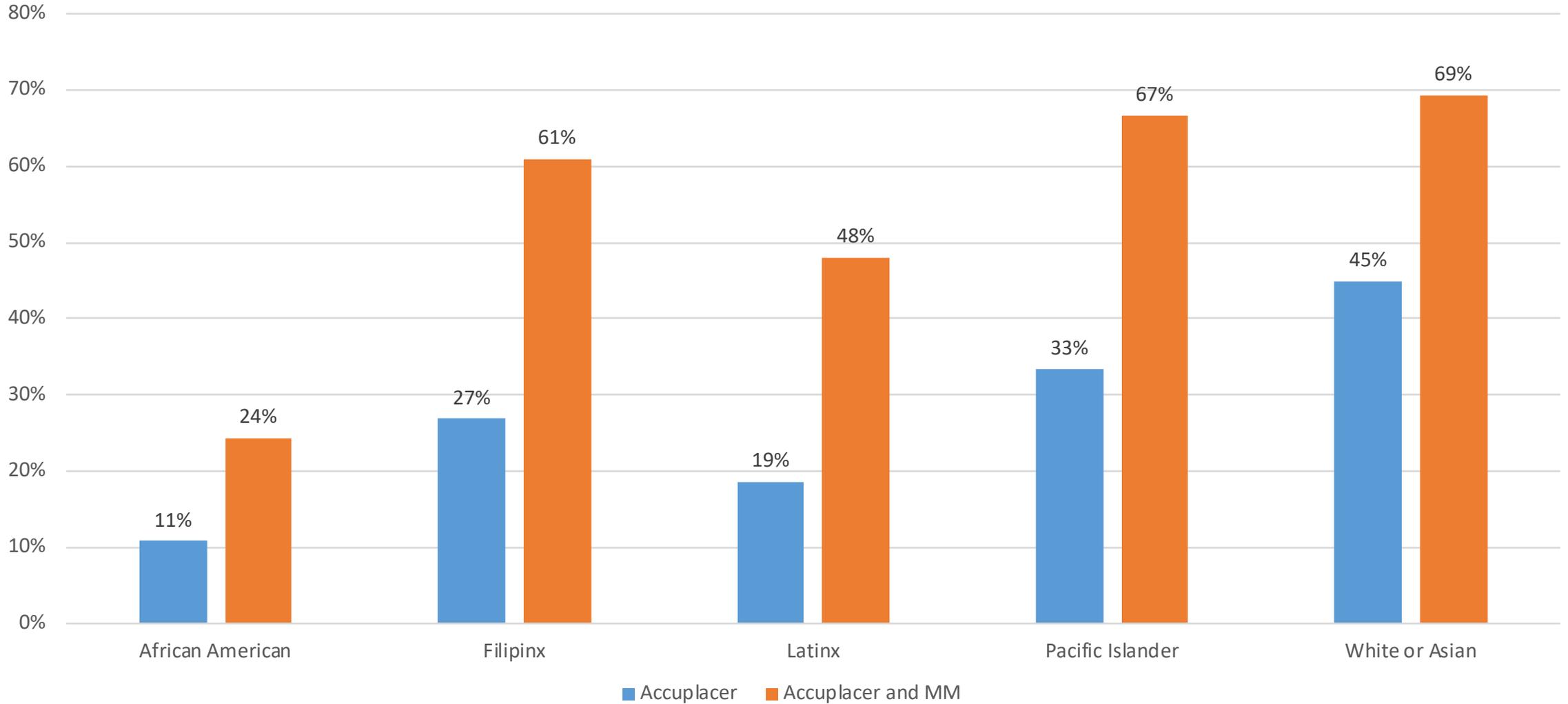
- 25% Latinx
- 83% female



• Note: 43% who placed in Math 10 did not enroll in math in Fall 2017

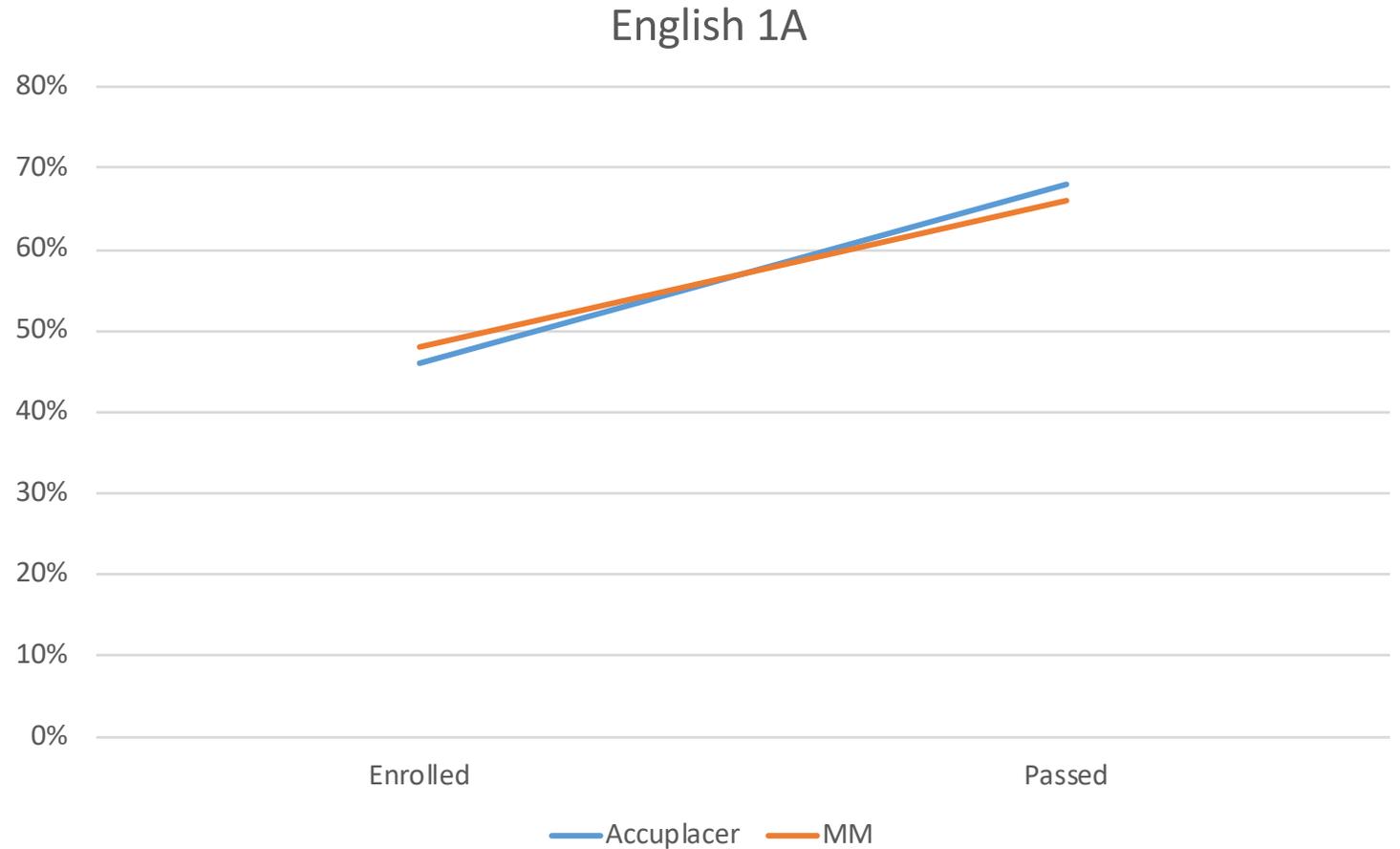
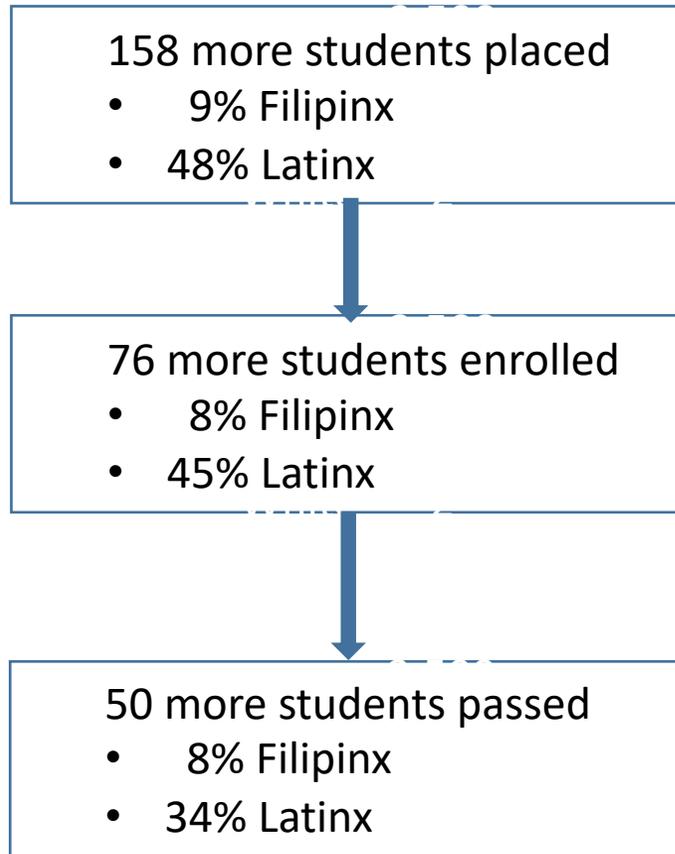
Fall 2017: Placement into College-Level English

Accuplacer vs. Accuplacer and multiple measures



Fall 2017: English 1A Course Enrollment and Success Results

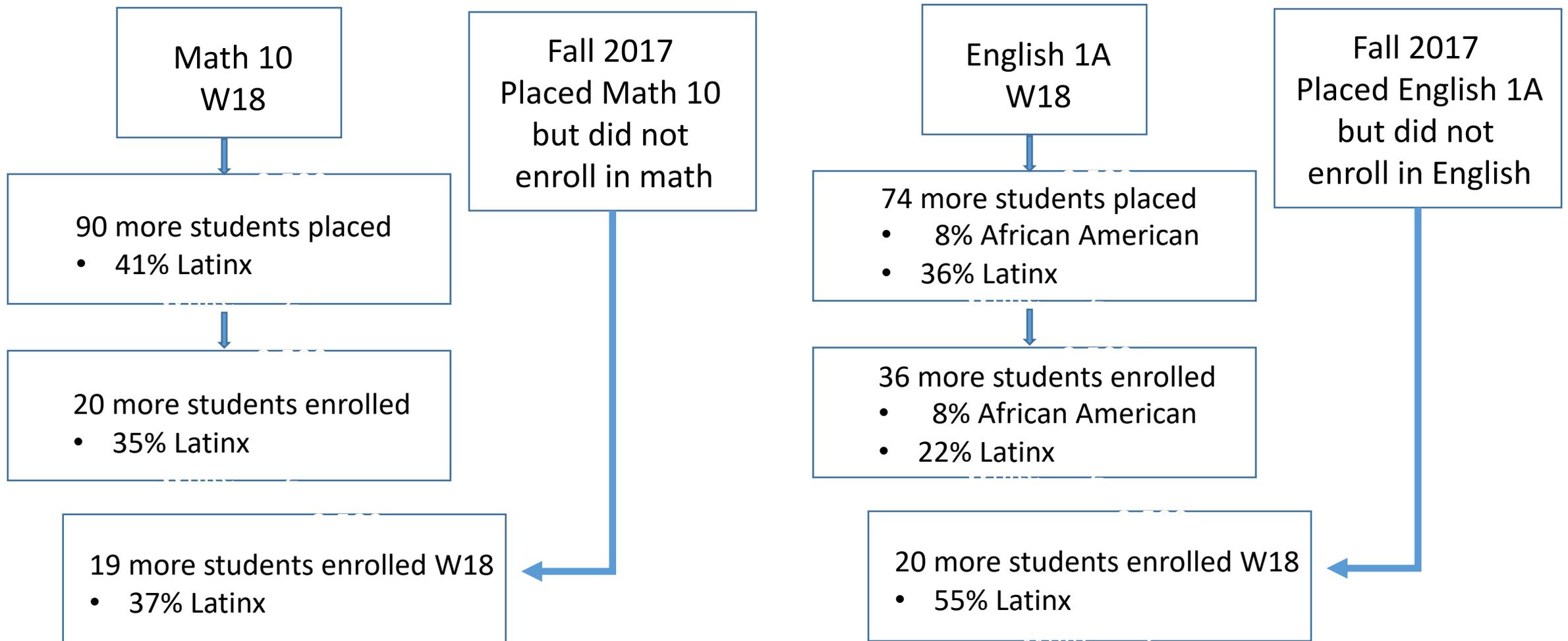
With addition of multiple measures:



- Note: 48% who placed in English 1A did not enroll in English in Fall 2017

Winter 2018 MM Pilot Preliminary Results: Placement and Course Enrollment

With addition of multiple measures:



Summary:

By using multiple measures in addition to Accuplacer:

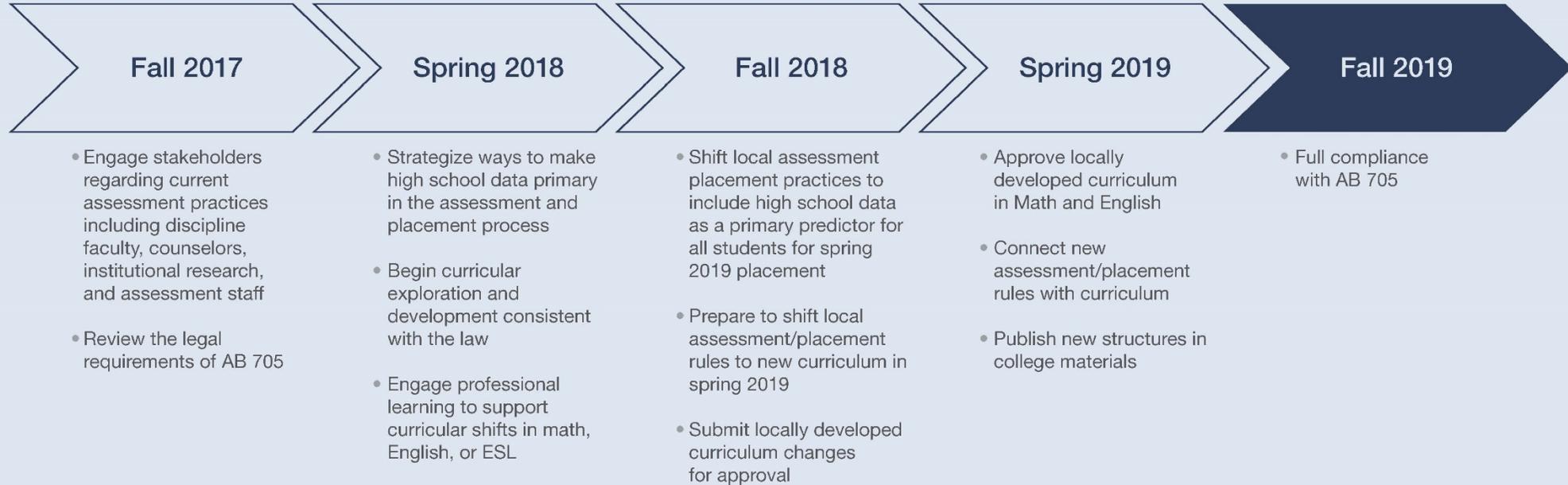
- Placement into college-level math went from 29% to 53%
 - Number of African American, Latinx, Filipinx, Pacific Islander, and female students placing into college-level math doubled or better
 - 214 more students placed into Math 10, of whom 44 enrolled and 24 passed
- Placement into college-level English went from 31% to 57%
 - Number of African American, Latinx, Filipinx, and Pacific Islander students placing into college-level English doubled or better
 - 158 more students placed into English 1A, of whom 76 enrolled and 50 passed

Next Steps:

- Implement the next phase of math multiple measures to include Math 220, Math 48A, and Math 1A.
- Fall 2018: Validate math and English multiple measures through student and faculty surveys: This class is too difficult, the right level, too easy.
- Continue looking at course success rates with multiple measures.
- Create a timeline for finalizing a multiple measures policy.

AB 705 IMPLEMENTATION TIMELINE

For Math and English



Questions for Faculty / Administrators:

- What other information do you need from Assessment / IR to finalize a multiple measures policy?
- Options to consider:
 - Can students place without a test? (High school transcript data only)
 - Clearance with other assessments besides Accuplacer (SAT, ACT, other?)
 - Clearance with other measures (e.g., interviews, survey responses)

ENGLISH			
Standardized Exam	Score/Result	Proposed De Anza Placement	Proposed Foothill Placement
New SAT (Scholastic Aptitude Test)	550 and above	EWRT 1A	ENG 1A
Old SAT	500 and above	EWRT 1A	ENG 1A
ACT (American College Testing)	22 and above	EWRT 1A	ENG 1A
CAASSP Early Assessment Program (EAP)	Standard Exceeded	EWRT 1A	ENG 1A

MATH			
Standardized Exam	Score/Result	Proposed De Anza Placement	Proposed Foothill Placement
New SAT (Scholastic Aptitude Test)	570 and above	MATH 10, 11, 41, 44, 46	MATH 10, 11, 42, 44, 48A
Old SAT	550 and above	MATH 10, 11, 41, 44, 46	MATH 10, 11, 42, 44, 48A
ACT (American College Testing)	23 and above	MATH 10, 11, 41, 44, 46	MATH 10, 11, 42, 44, 48A
CAASSP Early Assessment Program (EAP)	Standard Exceeded	MATH 10, 11, 41, 44, 46	MATH 10, 11, 42, 44, 48A