

# Student Success Scorecard & Other Institutional Effectiveness Metrics

September 24, 2018



# Today's Agenda

- ▶ Locally Defined Measures of Institutional Effectiveness Tracked at each College
- ▶ Externally Defined Measures of Institutional Effectiveness
- ▶ 2018 Student Success Scorecard Report

# Locally Defined Measures of Institutional Effectiveness

## Successful Course Completion

- **by Demographic**
- **by Special Population**
  - Disabled Students
  - Foster Youth
  - Low-Income
  - Veteran
- **by Mode of Instruction**
- **by Class Length**
- **by Time of Day**

## Student Retention and Persistence

- **Course Completion**
- **Term Persistence**
  - Fall to Spring
  - Fall to Fall
  - Intersession Analysis

## Learning Support Service and Supplemental Instruction

### Participation and Impact

- **by Demographic**
- **by Special Population**
  - Disabled Students
  - Foster Youth
  - Low-Income
  - Veteran
- **by Discipline**

## Student Outcomes

- **Awards**
  - Degrees Awarded
  - Certificates Awarded
  - Trends in Awards
- **Transfer**
  - Transfer Volume
  - Transfer Rate
  - Top Transfer Institutions



# Locally Defined Measures of Institutional Effectiveness

## Successful Course Completion

- **by Demographic**
- **by Special Population**
  - Disabled Students
  - Foster Youth
  - BOG Waiver Recipient
  - Pell Grant Recipient
  - Veteran
- **by Mode of Instruction**
- **by Time of Day**

## Student Retention and Persistence

- **Course Completion**
- **Persistence**
  - Fall to Spring
  - Fall to Fall
  - Two-year Persistence

## Special Initiatives

### Participation and Impact

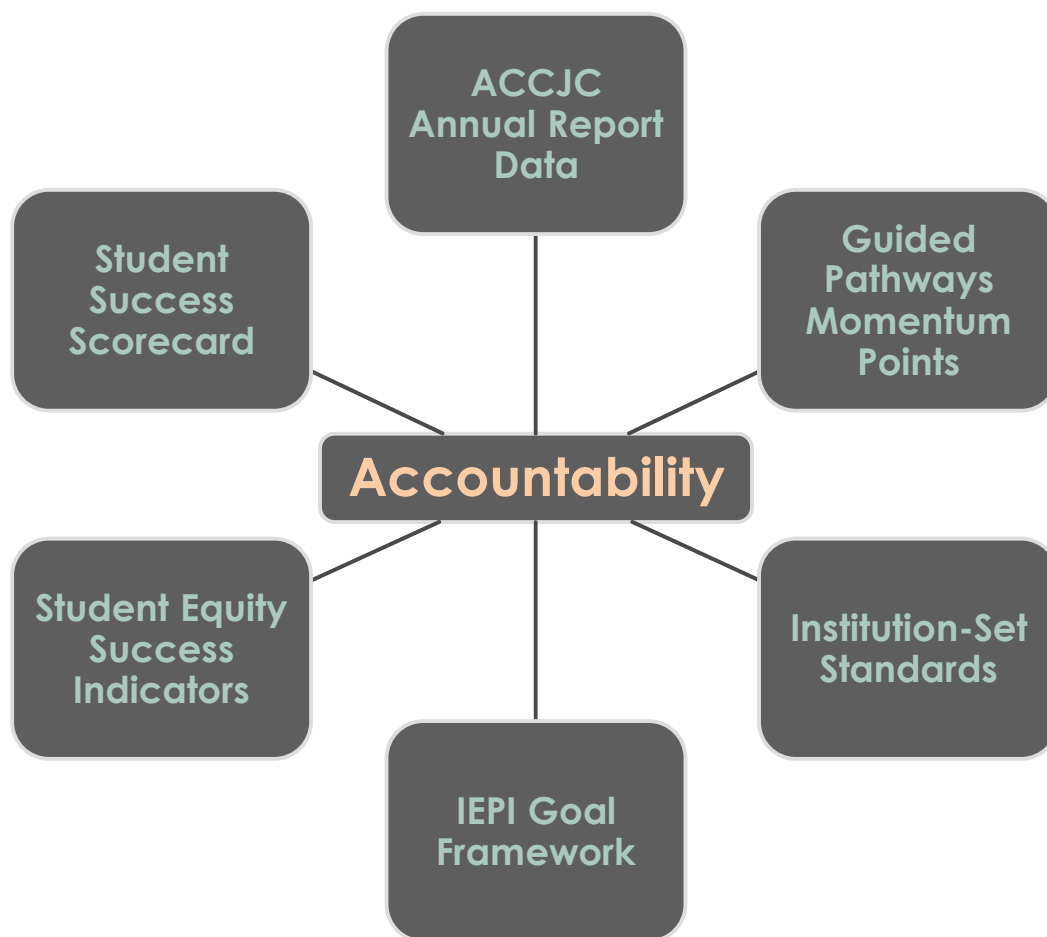
- **by Demographic/Special Pop.**
- **by Discipline**
- **by Math/English sequence**

## Student Academic Outcomes

- **Units Accumulated / GPA**
- **Awards**
  - Degrees Awarded
  - Certificates Awarded
  - Time-to-degree
- **Transfer**
  - Transfer Volume
  - Top Transfer Institutions
  - Transfer Ready Status



# Externally Defined Measures of Institutional Effectiveness



## Student Group Definitions

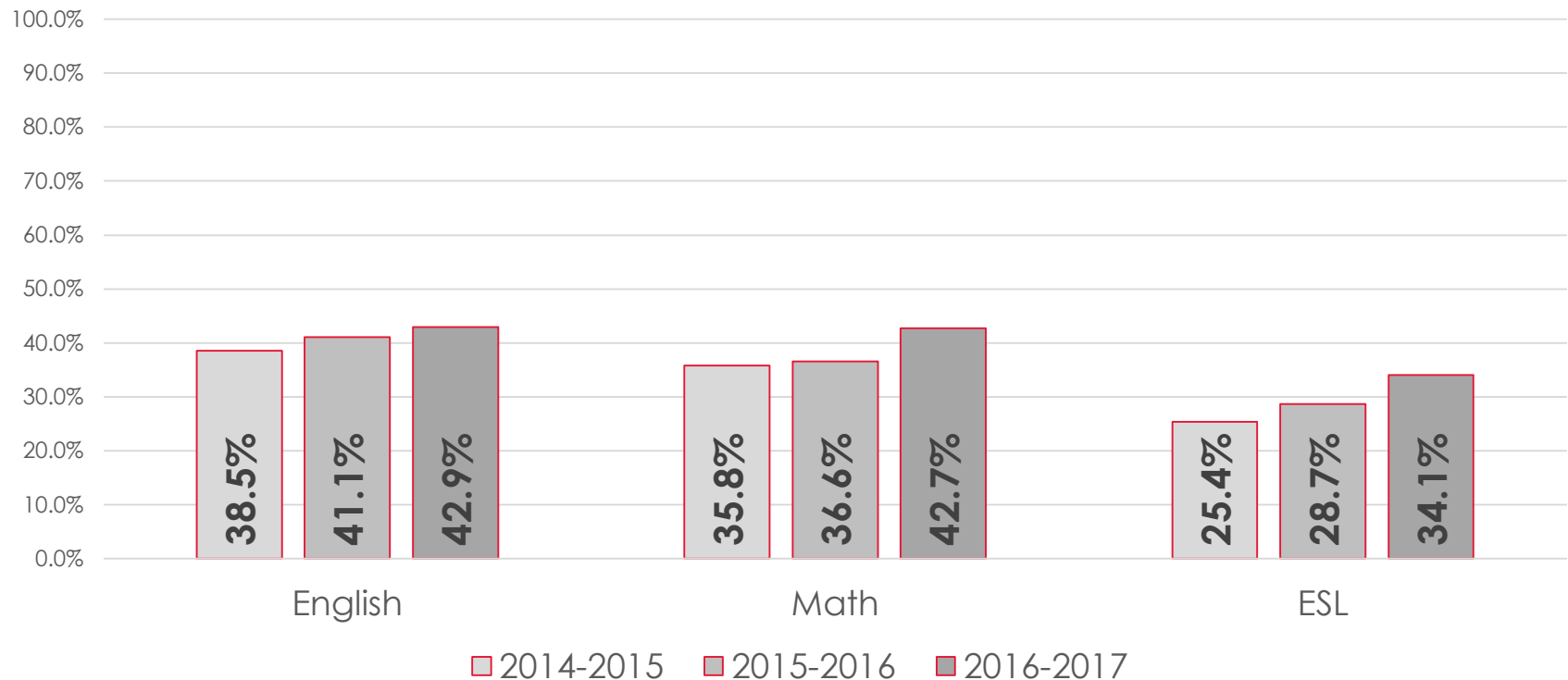
- Overall – Student attempts any level of Math or English in the first three years
- Prepared for College – Student's lowest course attempt in Math and/or English is college level
- Unprepared for College – Student's lowest course attempt in Math and/or English is remedial level

## Momentum Point: Remedial Progress

- Cohort (denominator)
  - Attempt a remedial course in English, Math, or ESL for the first time
- Outcome (numerator)
  - Complete a degree applicable or transfer level course within the same discipline within 6 years.

# Momentum Point: Remedial Progress

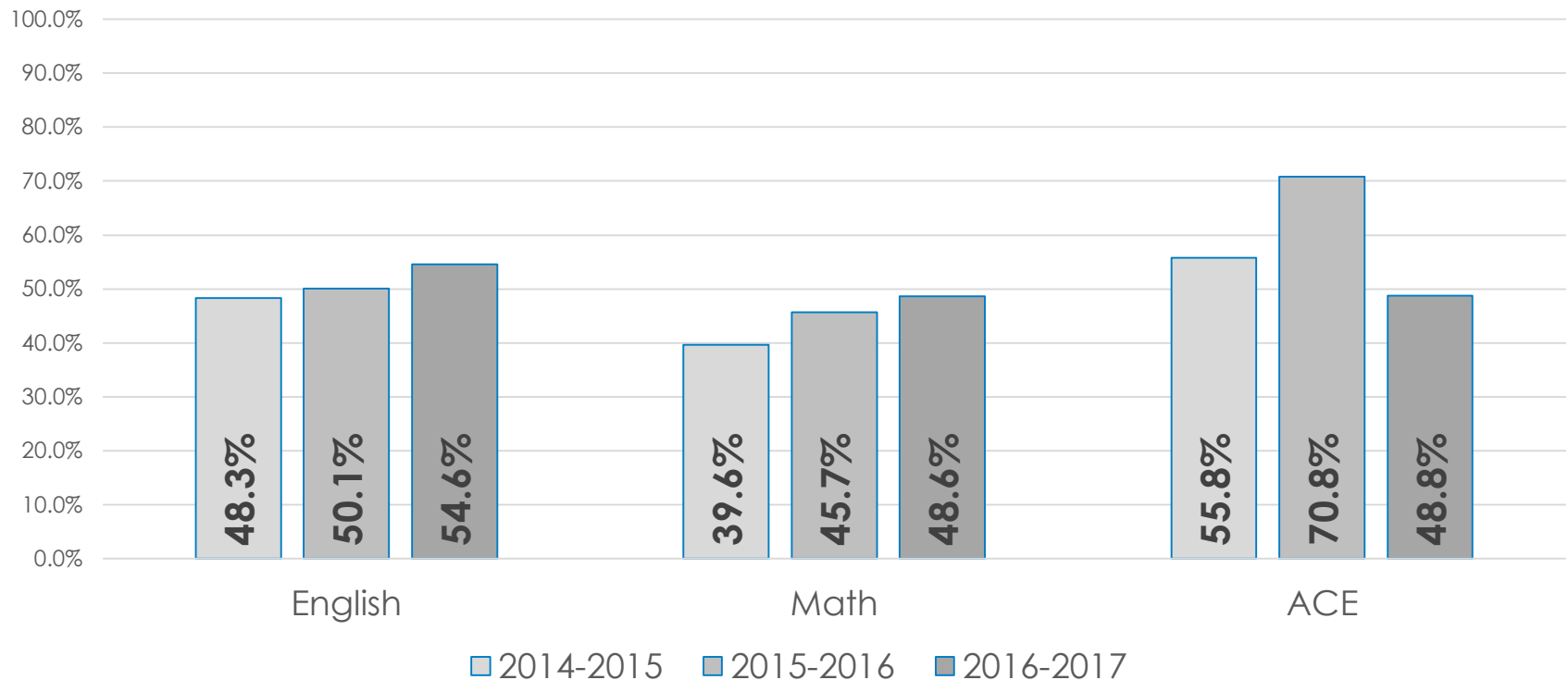
## SAC Remedial Progress





# Momentum Point: Remedial Progress

## SCC Remedial Progress

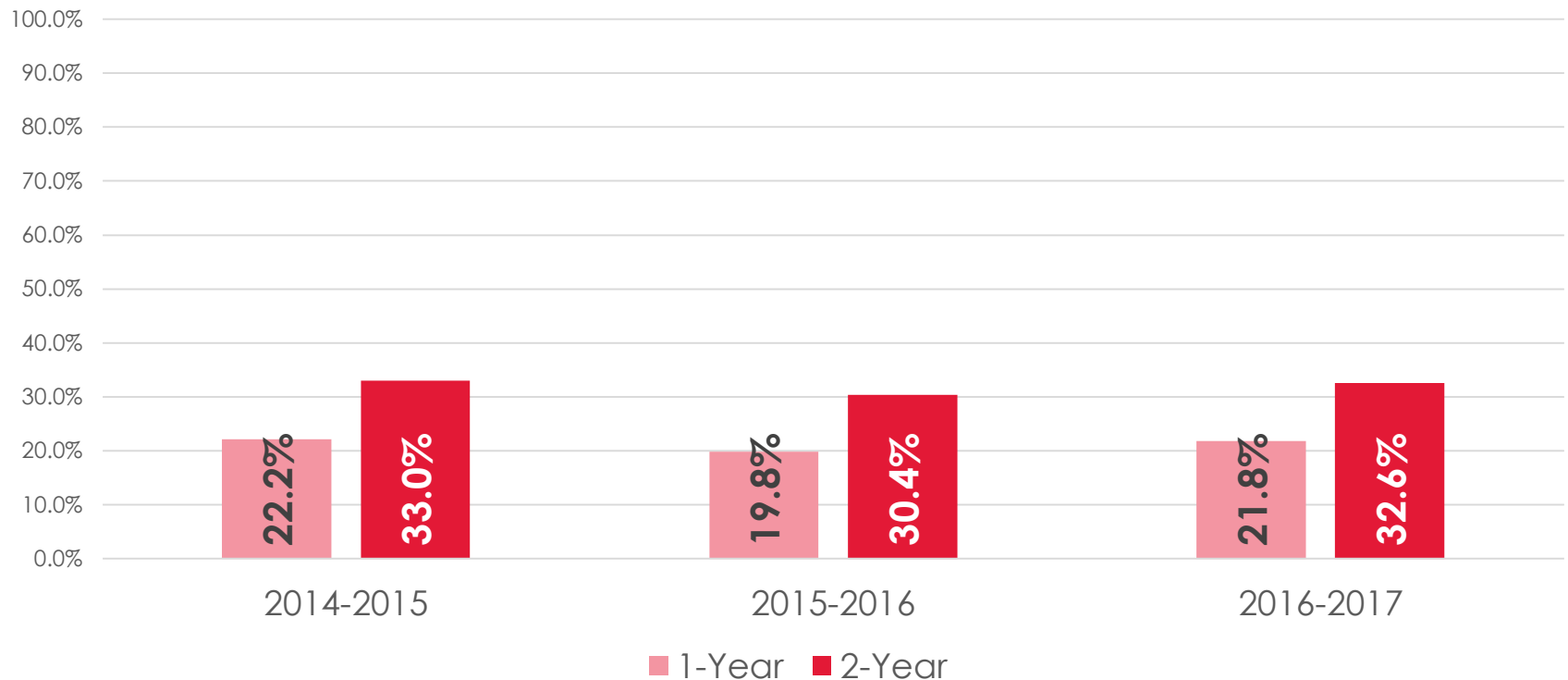


# Momentum Point: Transfer Level

- Cohort (denominator)
  - First Time Students
  - Attempt math or English during their first year
- Outcomes (numerator)
  - Complete transfer math in first or second year
  - Complete transfer English in first or second year

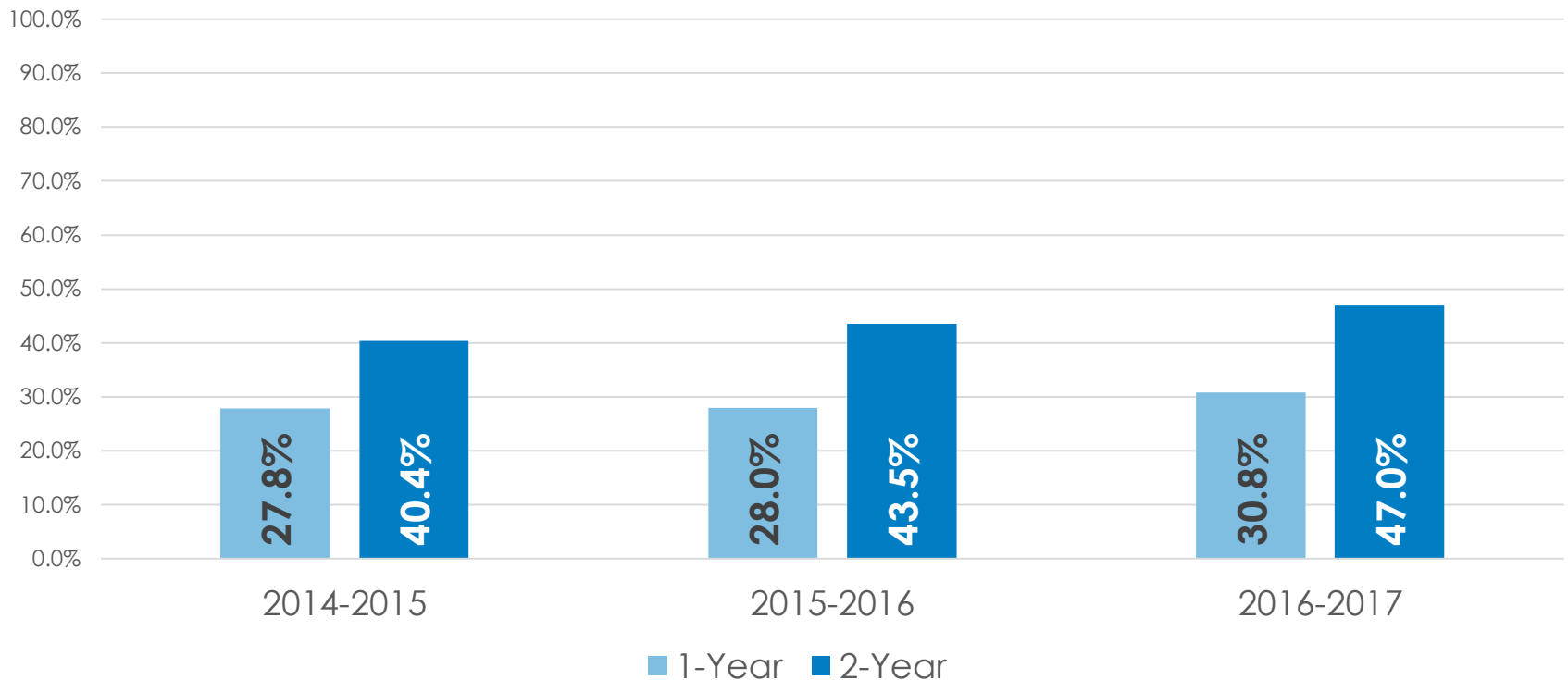
# Momentum Point: Transfer Level

## Transfer-Level Math



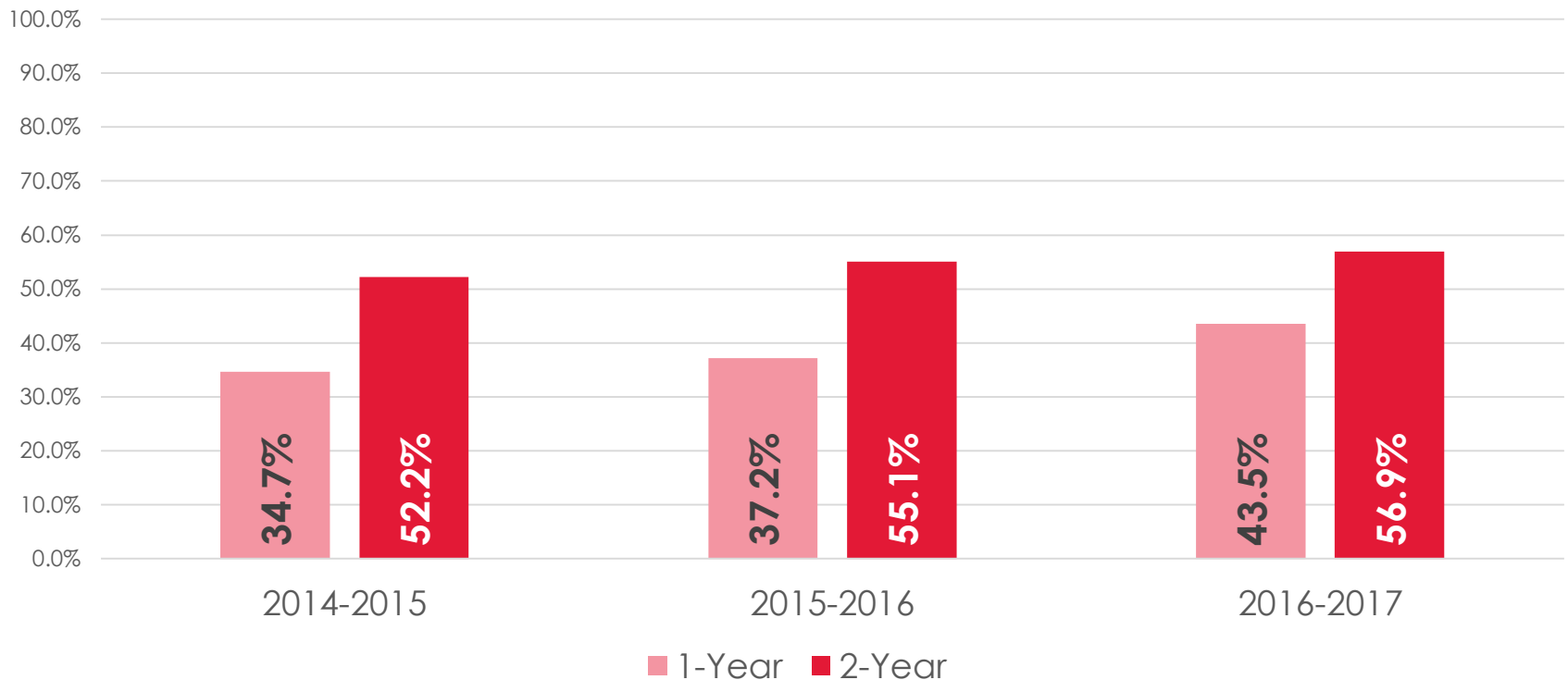
# Momentum Point: Transfer Level

## Transfer-Level Math



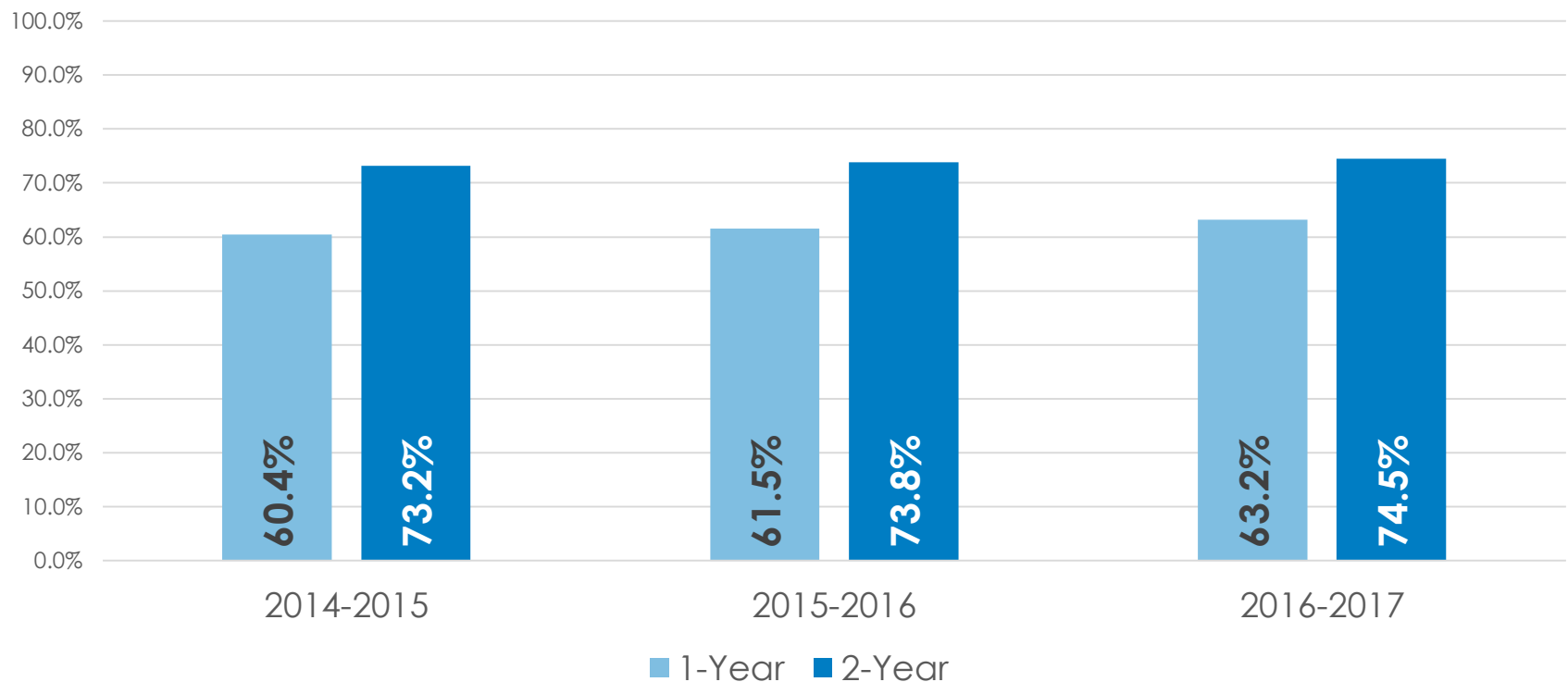
# Momentum Point: Transfer Level

## Transfer-Level English



# Momentum Point: Transfer Level

## Transfer-Level English

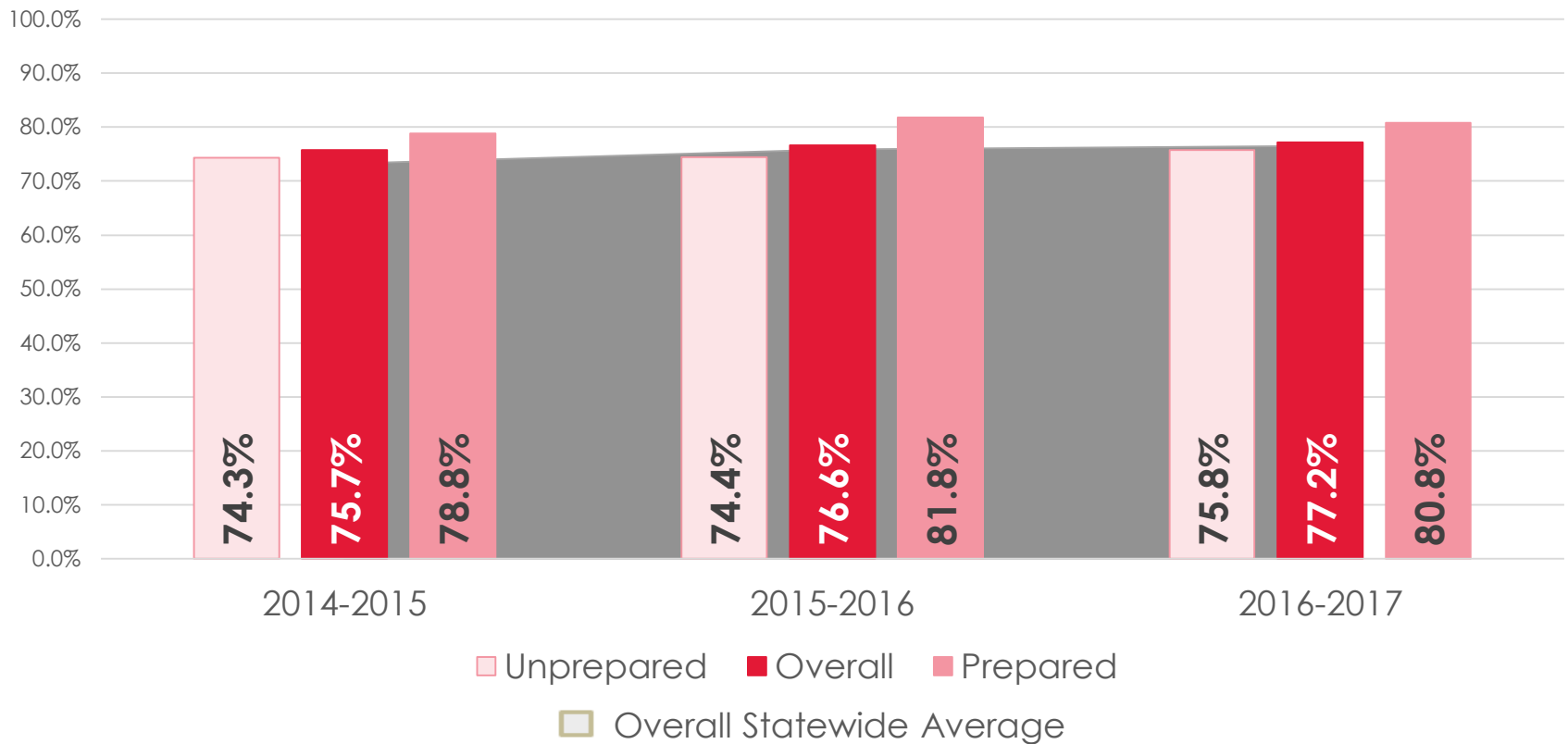


# Momentum Point: Persistence

- Cohort (denominator)
  - First Time Students
  - Complete 6 units and attempt any Math or English course within 3 years
- Outcome (numerator)
  - Enroll in three consecutive semesters
  - Students who complete a degree or certificate or transfer to a four-year institution within three consecutive primary semesters are counted

# Momentum Point: Persistence

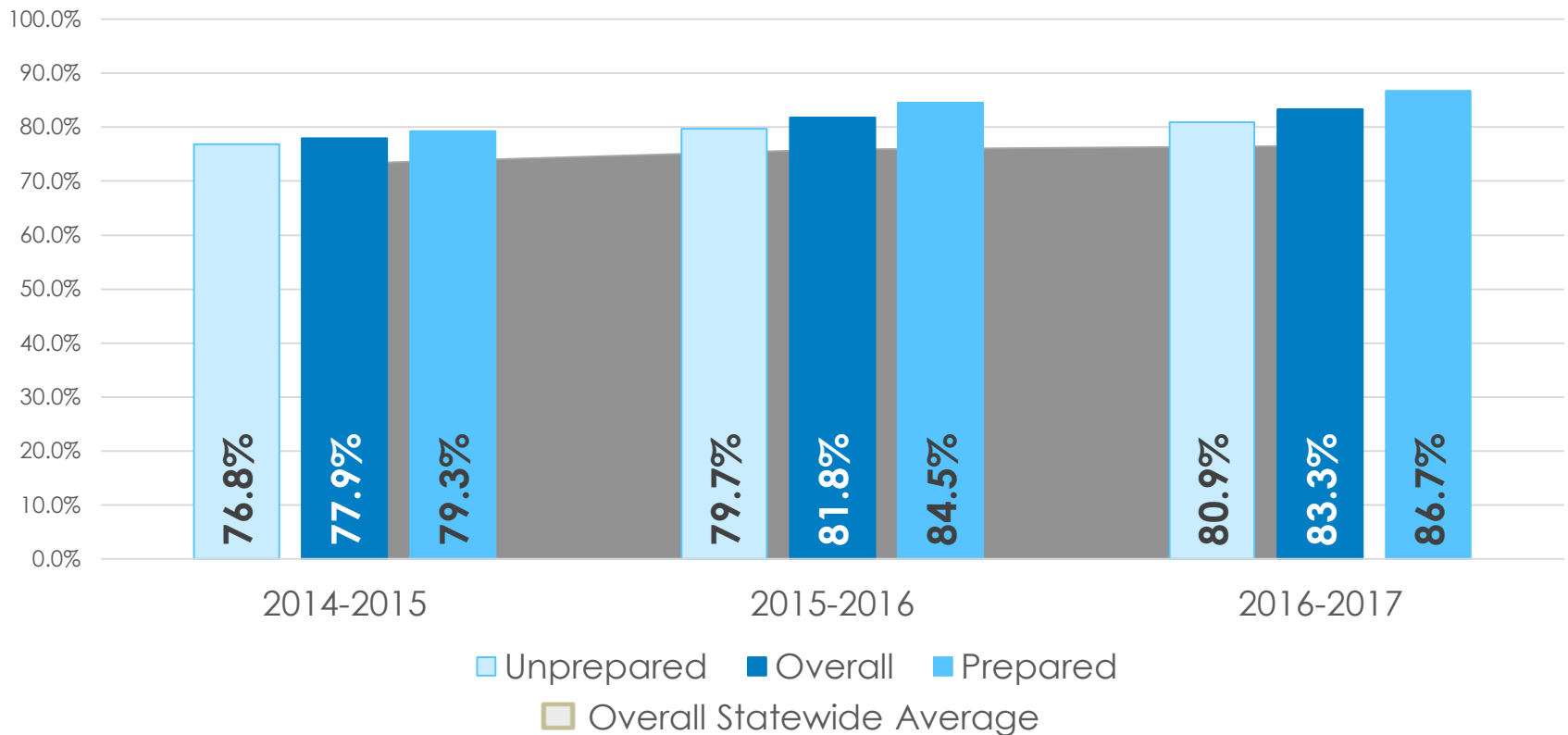
## Persistence





# Momentum Point: Persistence

## Persistence

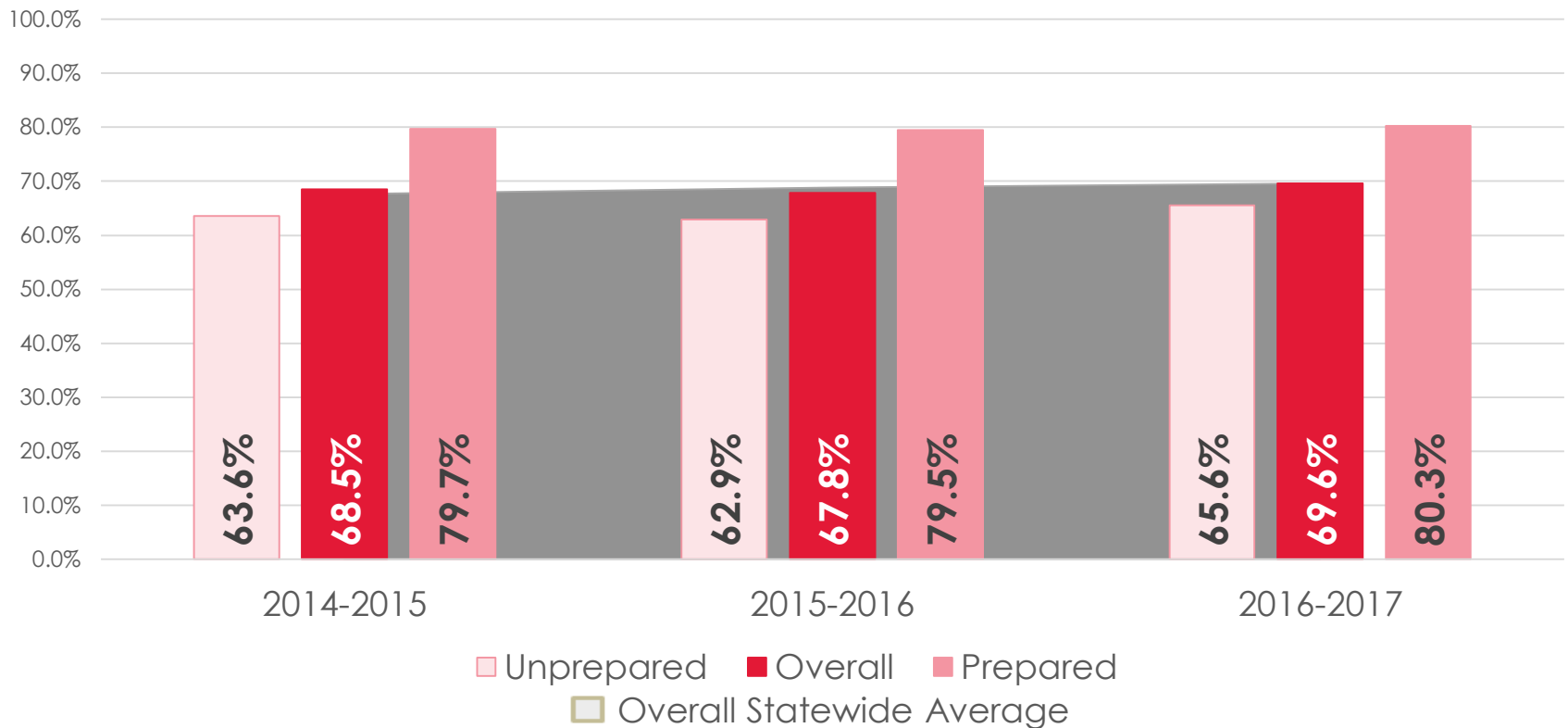


## Momentum Point: 30 Units

- Cohort (denominator)
  - First Time Students
  - Complete 6 units and attempt any Math or English course within 3 years
- Outcome (numerator)
  - Complete at least 30 units within 6 years

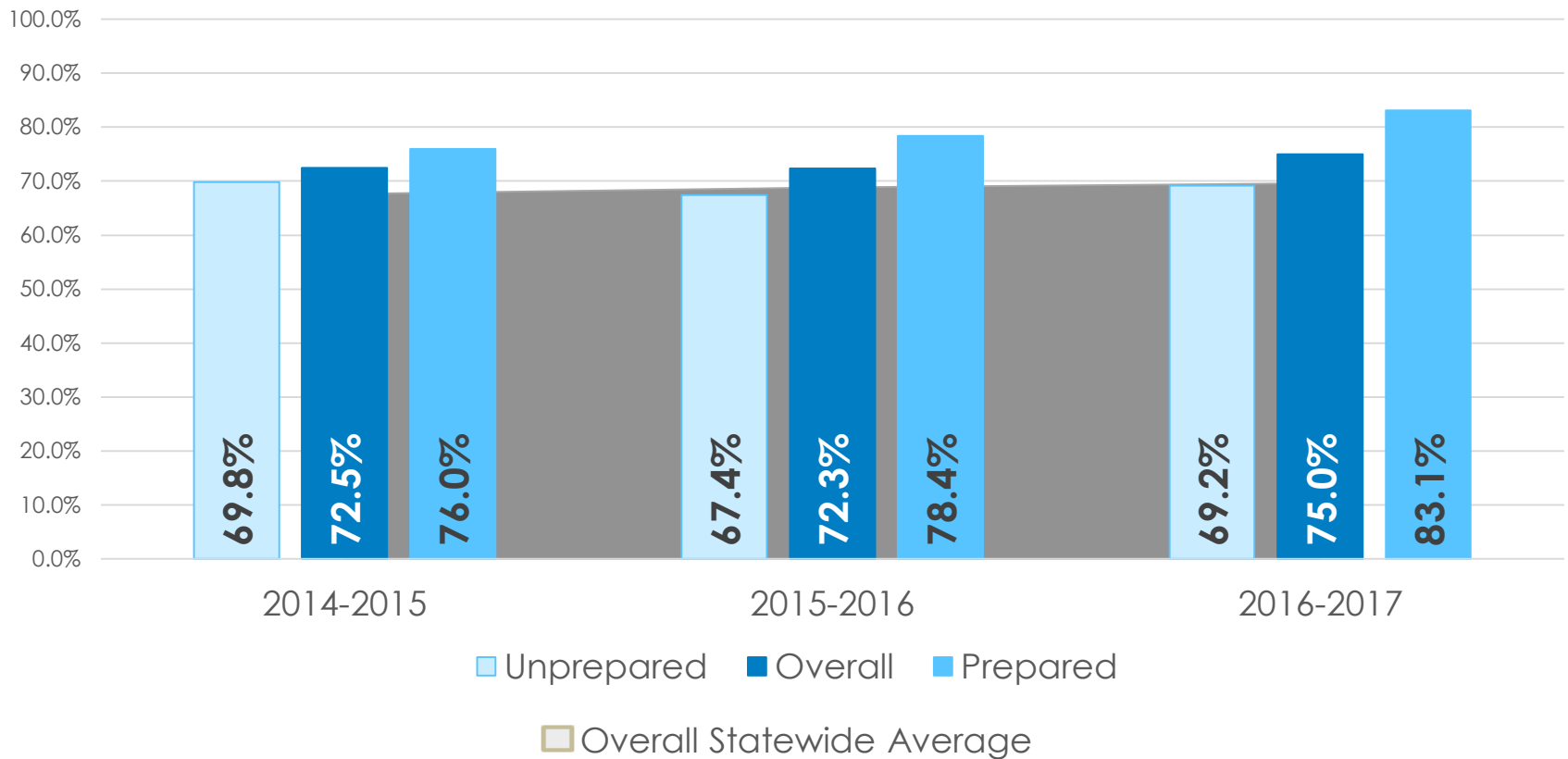
# Momentum Point: 30 Units

30 Units



# Momentum Point: 30 Units

30 Units

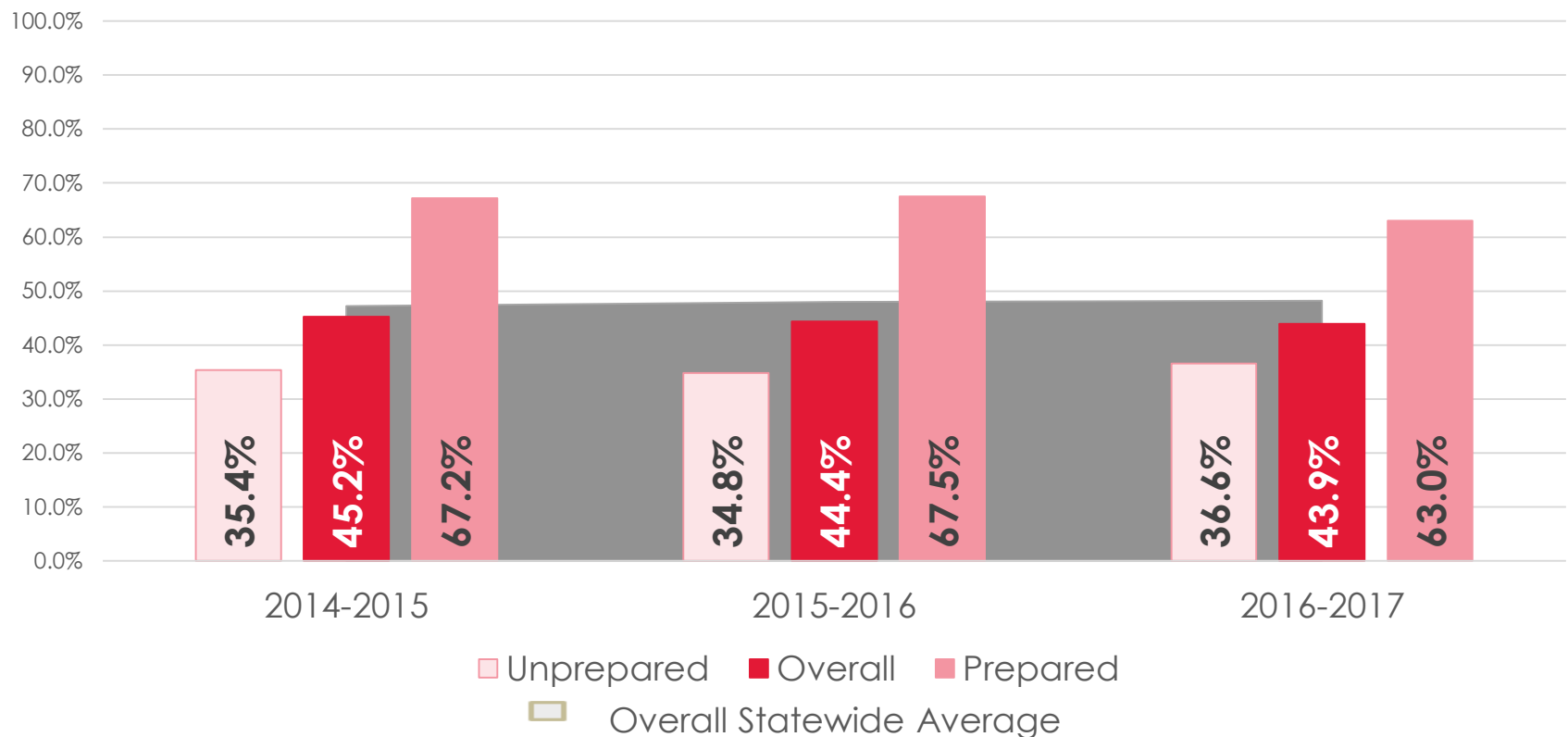


# Completion Outcome: Completion

- Cohort (denominator)
  - First Time Students
  - Complete 6 units and attempt any Math or English within 3 years
- Outcome (numerator) within 6 years
  - Complete a Degree or Certificate of Achievement
  - Transfer
  - Achieve Transfer Prepared Status  
(60 transferable units, 2.0 GPA)

# Completion Outcome: Completion

## Completion



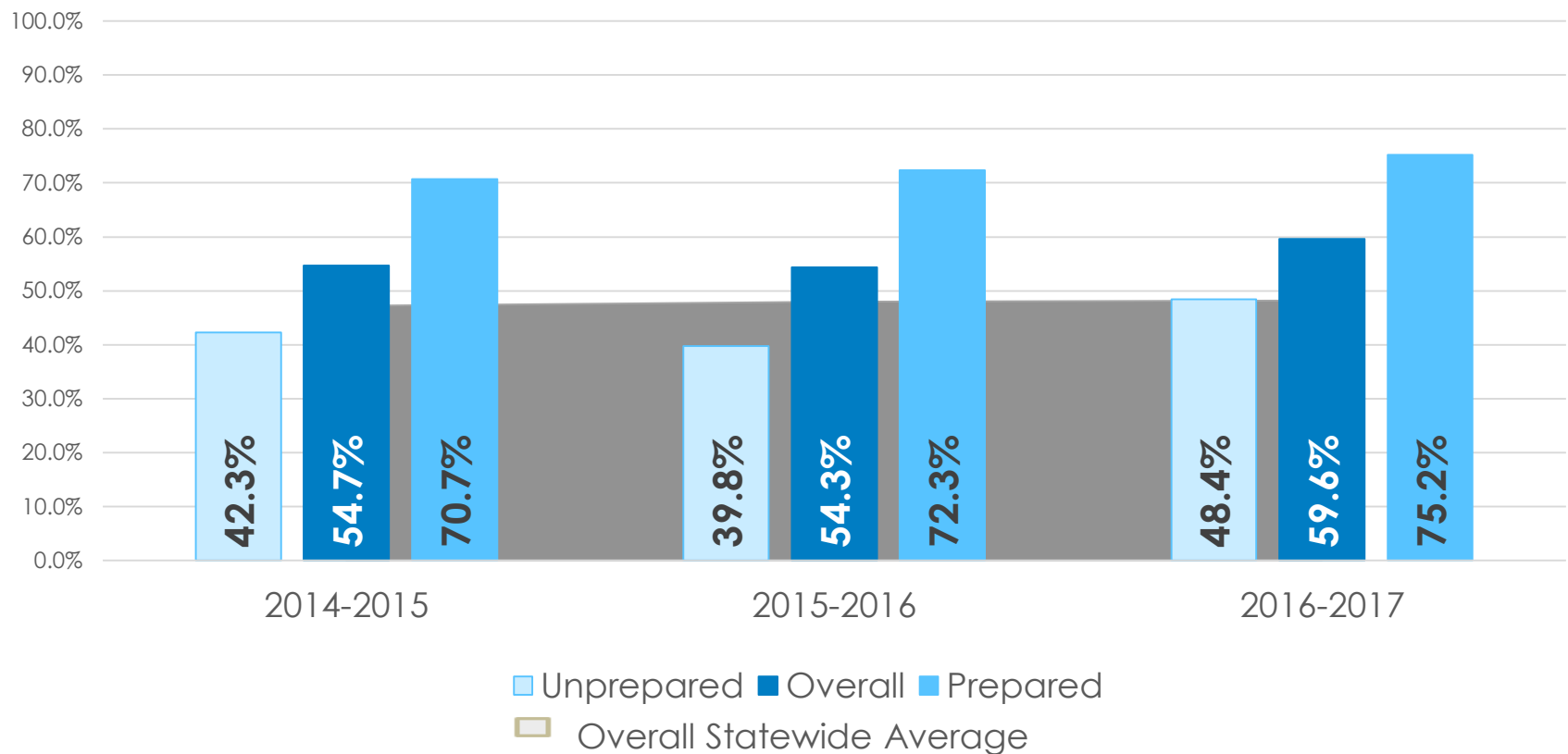
# Completion Outcome: Completion

SAC Overall Completion by Demographic



# Completion Outcome: Completion

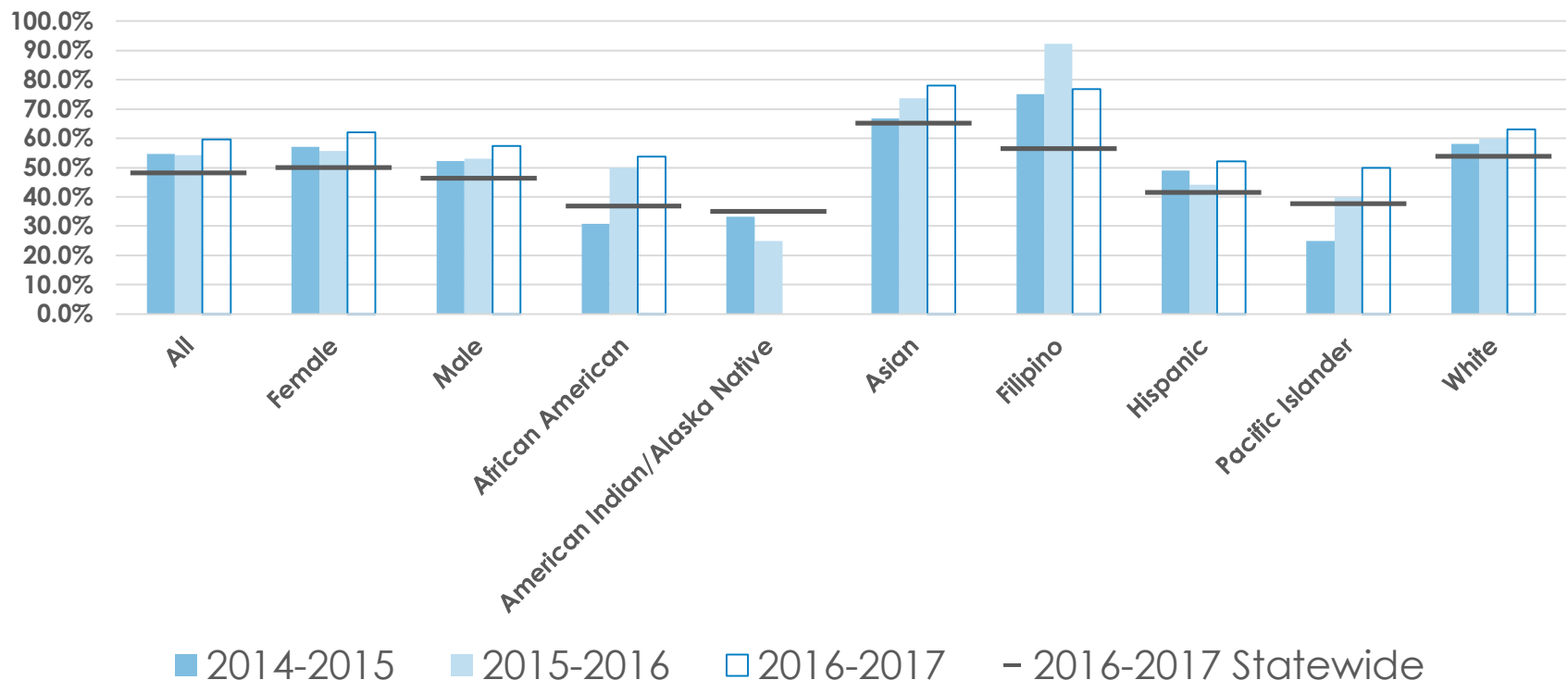
## Completion





# Completion Outcome: Completion

SCC Overall Completion by Demographic

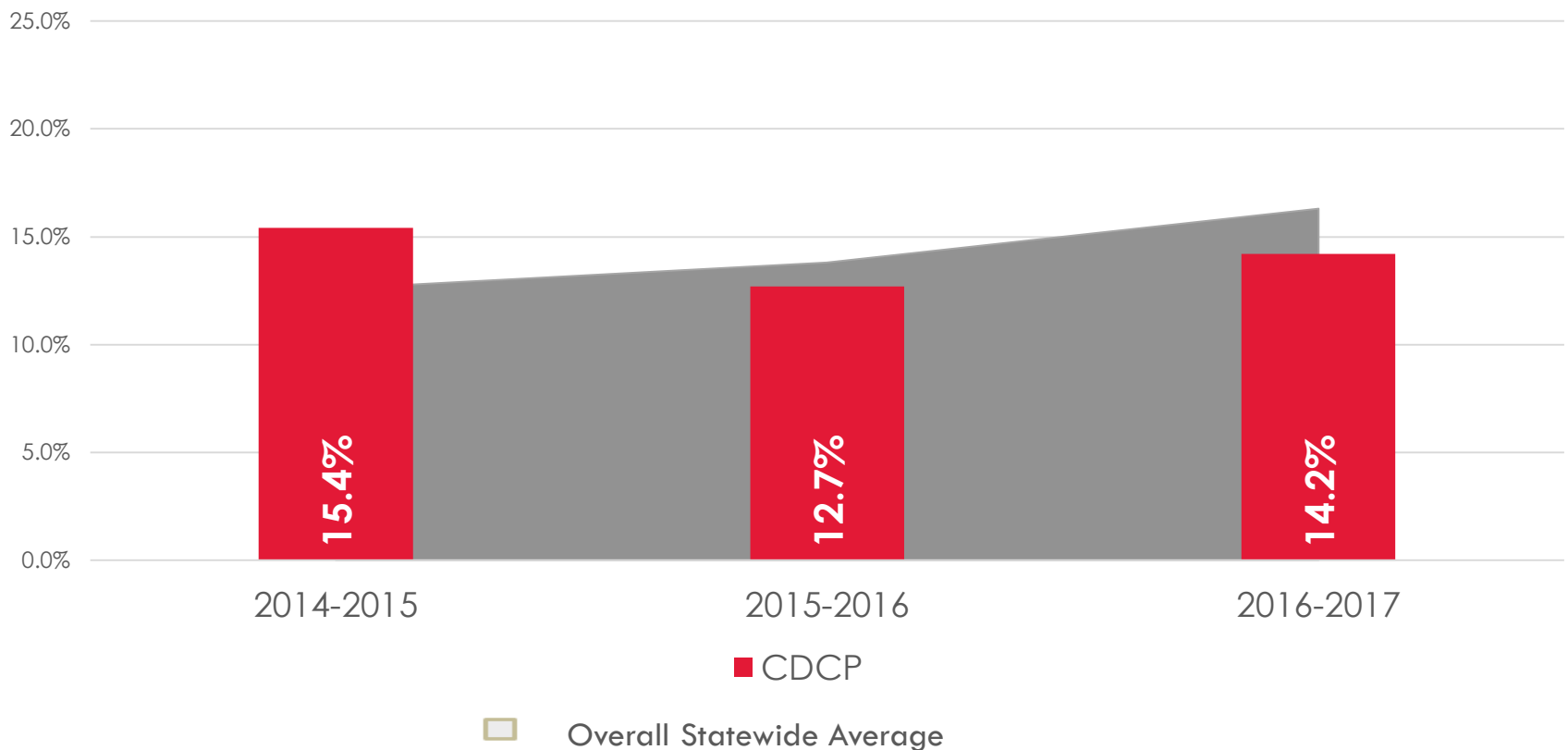


# Completion Outcome: CDCP

- Cohort (denominator)
  - Attempt 2 or more CDCP courses, with a minimum of 4 attendance hours in each, within 3 years
  - At least one course is Advanced Occupational or Clearly Occupational
- Outcome (numerator) within 6 years
  - Complete CDCP Certificate
  - Complete Degree or Certificate of Achievement
  - Transfer
  - Achieve Transfer Prepared Status  
(60 transferable units, 2.0 GPA)

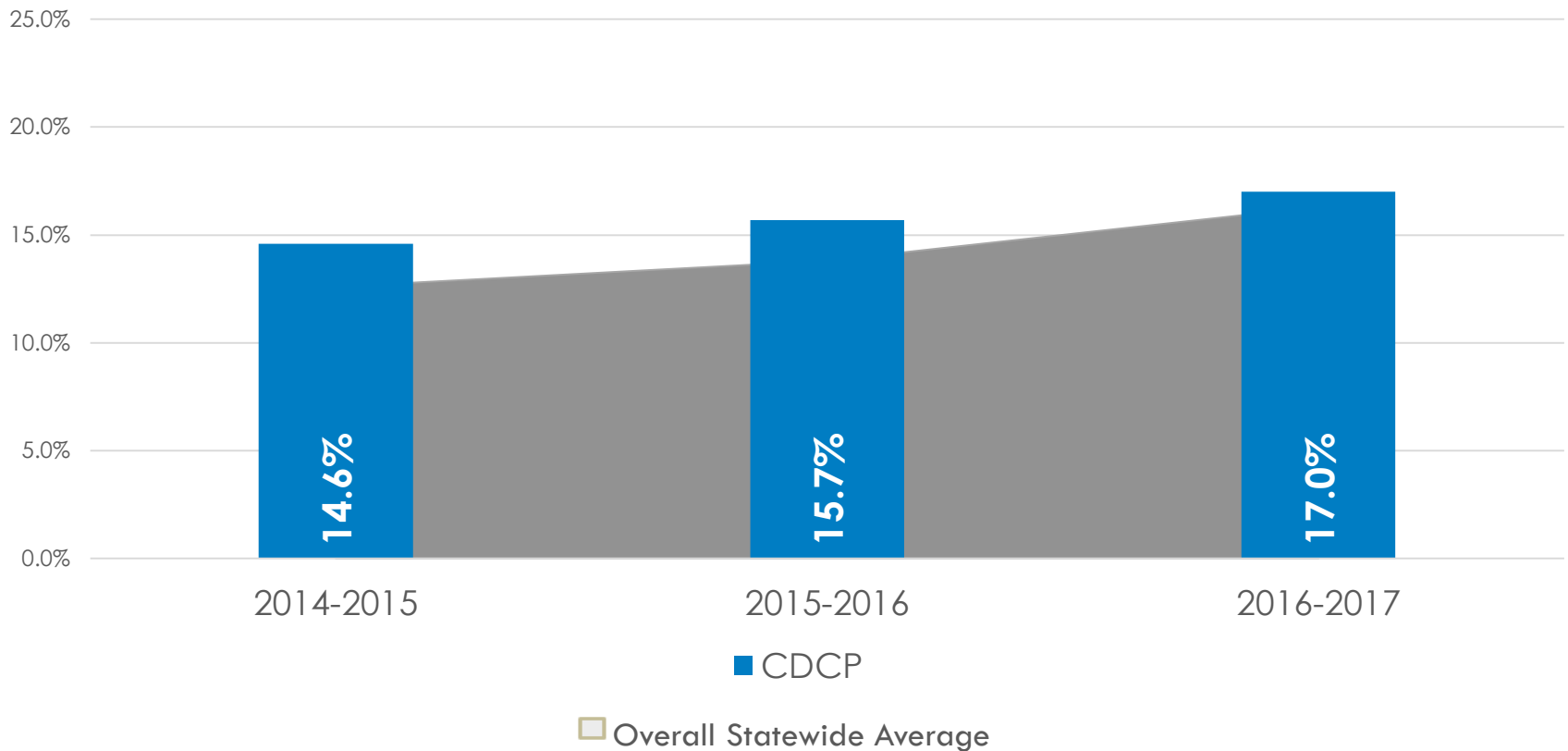
# Completion Outcome: CDCP

## Career Development & College Preparation



# Completion Outcome: CDCP

## Career Development & College Preparation

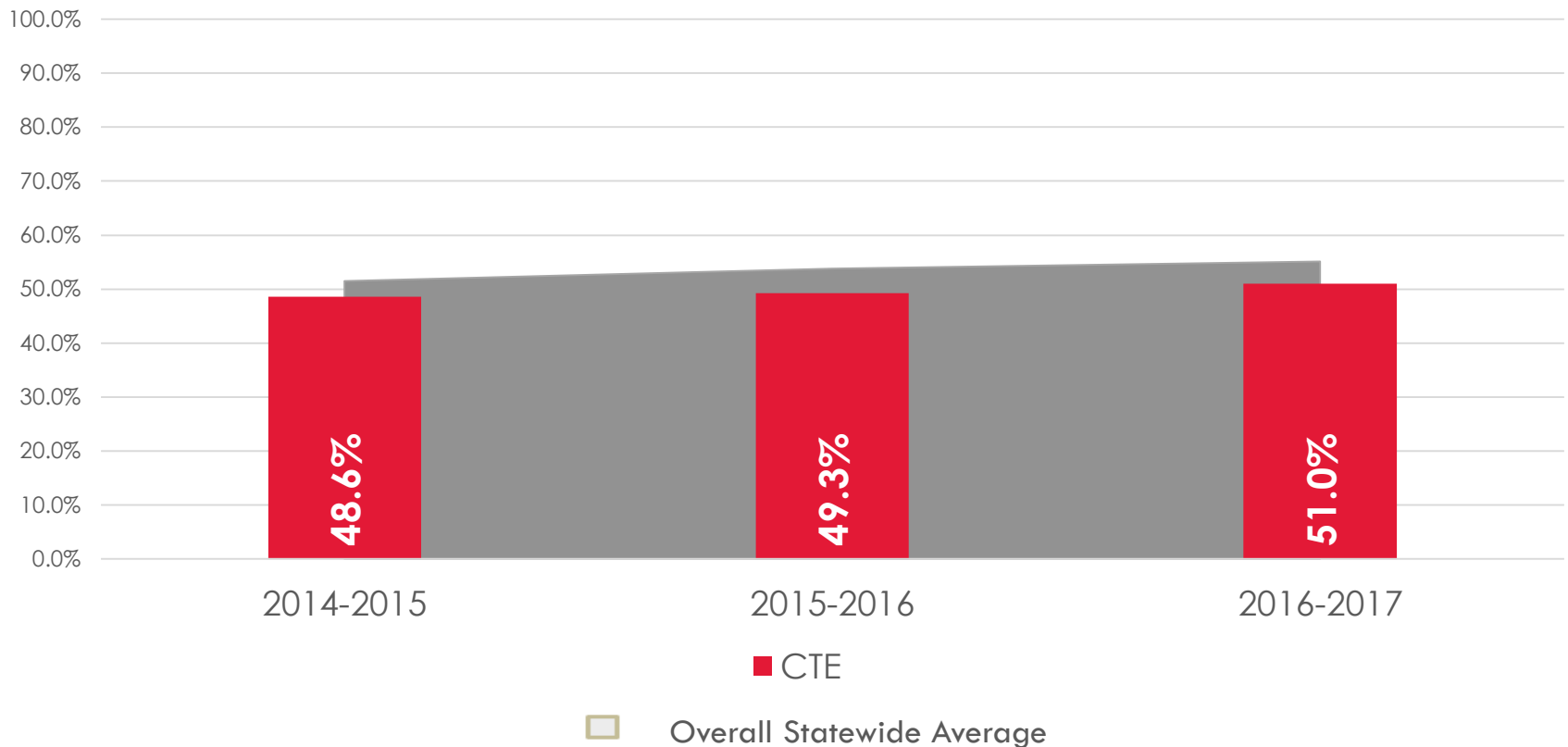


# Completion Outcome: CTE Rate

- Cohort (denominator)
  - First time in a CTE course
  - Complete more than 8 units in a single CTE discipline in 3 years
  - At least one course is Advanced Occupational or Clearly Occupational
- Outcome (numerator) within 6 years
  - Complete a Degree or Certificate of Achievement
  - Transfer
  - Achieve Transfer Prepared Status  
(60 transferable units, 2.0 GPA)

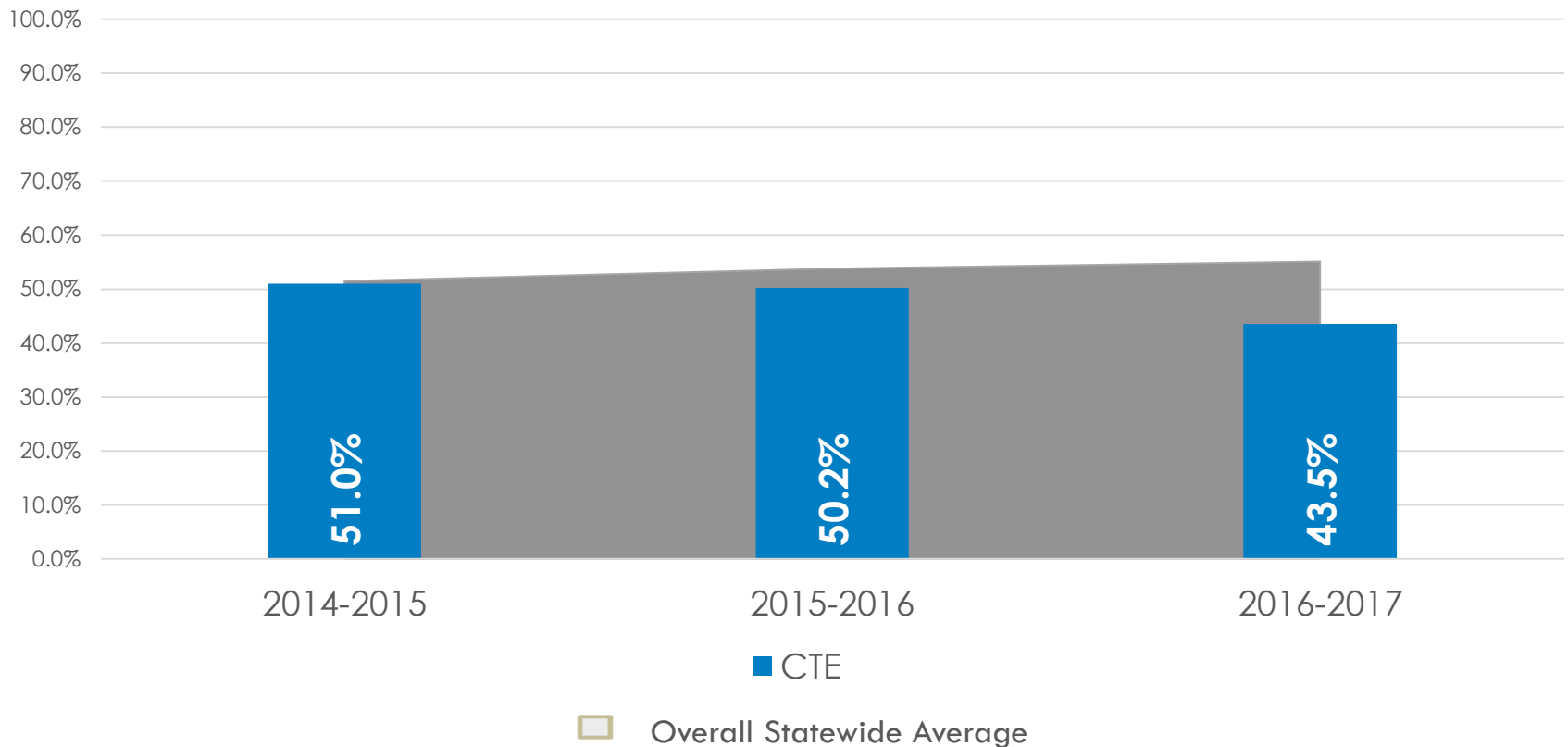
# Completion Outcome: CTE Rate

## Career Technical Education



# Completion Outcome: CTE Rate

## Career Technical Education



# CTE Metric: Skills Builder

## ■ Cohort

- At least .5 units in Apprenticeship, Advanced Occupational or Clearly Occupational course during academic year
- Must not fail any CTE coursework during that year
- Must not be enrolled anywhere in the system the following academic year and did not achieve a completion outcome the year of enrollment or the following year

## ■ Outcome

- Annual inflation-adjusted median percentage change in earnings (1 year before to 1 year after) for all students in the cohort



# CTE Metric: Skills Builder

## Skills Builder

## Santa Ana College

[Click here to view trend data](#)

The median percentage change in wages for students who completed higher level CTE coursework in 2014-2015 and left the system without receiving any type of traditional outcome such as transfer to a four year college or completion of a degree or certificate.

### Median Earnings Change

**+17.6%**

N=1,992

| Disciplines with the highest enrollment        | Median % Change | Total N |
|--|-----------------|---------|
| Administration of Justice                      | 12.3%           | 518     |
| Fire Academy                                   | 12.0%           | 336     |
| Police Academy                                 | 28.2%           | 193     |
| Office Technology/Office Computer Applications | 47.3%           | 171     |
| Business Management                            | 16.1%           | 154     |
| Business and Commerce, General                 | 28.1%           | 130     |
| Accounting                                     | 37.5%           | 109     |
| Preschool Age Children                         | 45.7%           | 95      |
| Fire Technology                                | 34.3%           | 69      |
| Machining and Machine Tools                    | 18.9%           | 68      |

# CTE Metric: Skills Builder

## Skills Builder

## Santiago Canyon College

[Click here to view trend data](#)

The median percentage change in wages for students who completed higher level CTE coursework in 2014-2015 and left the system without receiving any type of traditional outcome such as transfer to a four year college or completion of a degree or certificate.

### Median Earnings Change

**+34.9%**

N=1,219

| Disciplines with the highest enrollment | Median % Change | Total N |
|---|-----------------|---------|
| Drywall and Insulation                  | 47.8%           | 328     |
| Carpentry                               | 41.4%           | 234     |
| Water and Wastewater Technology         | 19.1%           | 109     |
| Construction Inspection                 | 16.5%           | 85      |
| Heavy Equipment Operation               | 40.2%           | 55      |
| Electrical                              | 36.7%           | 47      |
| Accounting                              | 45.2%           | 43      |
| Mill and Cabinet Work                   | 28.5%           | 41      |
| Real Estate                             | 21.6%           | 39      |
| Masonry, Tile, Cement, Lath and Plaster | 9.4%            | 39      |



## Future of Student Success Metrics

- California Community Colleges Vision for Success
  - Simplified and Integrated Metrics
- Student Centered Funding Formula
- Guided Pathways
- Student Equity Related Metrics