

# De Anza College Office of Institutional Research and Planning

**Date:** 8/12/2024

**To:** Senior Staff

**From:** Mallory Newell, Office of Institutional Research and Planning

**Subject:** *Statewide Transfer-Level Completion Dashboard, 2023-24 Update*

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## Overview

The California Community College Chancellor's Office hosts a Transfer-Level Completion [Dashboard](#) which is updated annually. The dashboard displays completion rates of transfer-level English and math courses based on where a student starts, below transfer-level or at transfer level, over the past ten years. The dashboard allows users to select any college in the state and compare between colleges in the same region and disaggregates math outcomes by SLAM and BSTEM courses. The following provides an overview of outcomes for De Anza College for the most recent year available, 2022-23. The 2023-24 year is available in the dashboard but is not yet complete, as some colleges have not finalized their data submission.

## SUMMARY OF FINDINGS:

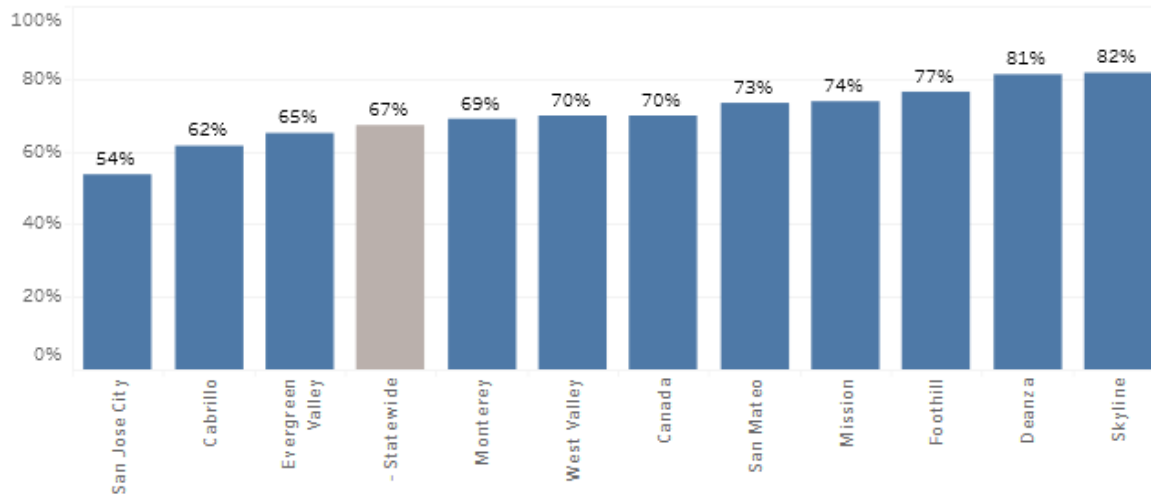
- **De Anza is leading the state in transfer-level English and math completion in one year** for the most recent cohort (2022-23).
- De Anza's **one-year English completion rate is currently 81%** compared to 67% statewide, up from 65% prior to implementation of AB 705 in 2016-17. **Black and Hispanic students have experienced large improvements** in transfer-level English completion, with disproportionate impacts eliminated for Black students but remaining for Hispanic students.
- **One-year transfer-level math completion is currently 81%** compared to 60% statewide, up from 43% in 2016-17. **Black and Hispanic students have experienced large improvements** in transfer-level math completion, though disproportionate impacts are still present for both groups.
- **One-year Statistics completion is 80%**, up from 47% in 2016-17. Rates have improved across all racial/ethnic groups, though disproportionate impacts remain for Black and Hispanic students.
- When looking at students in the BSTEM pathway, the rate for **students who start in Precalculus and complete Calculus I within two years is 43%** in 2022-23 compared to a **90% completion rate for students who start in Calculus I** and complete within two years. The **students who start in Precalculus I rather than Calculus I are predominantly Hispanic and Black students**, while **white and Asian students tend to start in Calculus I**.

## REGIONAL COMPARISONS – ONE-YEAR TRANSFER-LEVEL ENGLISH AND MATH COMPLETION RATES, 2022-23

Within the state, De Anza College has the 2<sup>nd</sup> highest completion rate of transfer-level English and math, both at 81% in 2022-23, with Skyline College at 82% for English and Foothill College at 82% for Math. Graphs 1 and 2 below displays the Bay Area region for English and math completion.

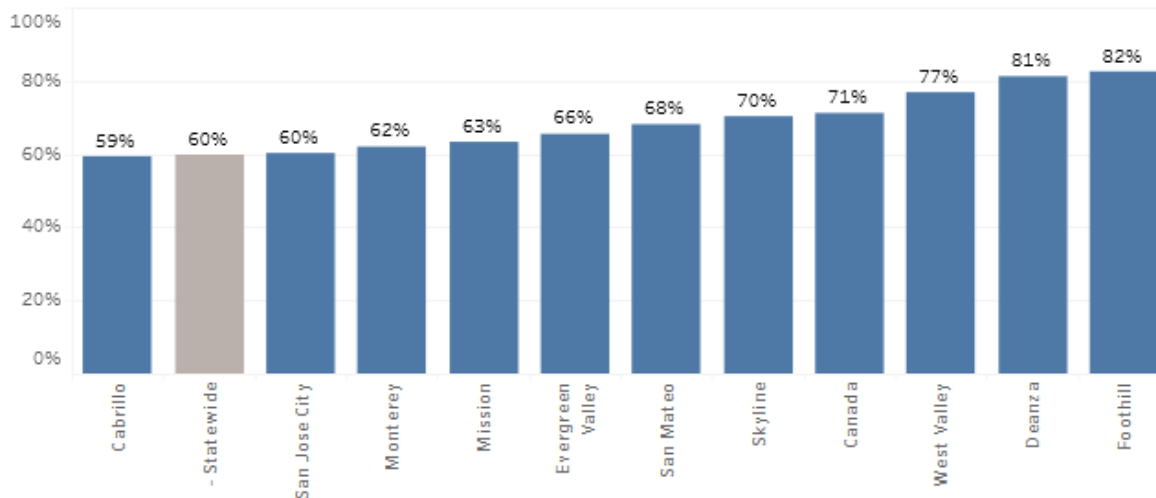
**Graph 1. One-Year Transfer-Level English Completion - Bay Area Region**

2022-2023 Transfer-Level Completion Rates in English for Selected Colleges



**Graph 2. One-Year Transfer-Level Math Completion - Bay Area Region**

2022-2023 Transfer-Level Completion Rates in Math for Selected Colleges

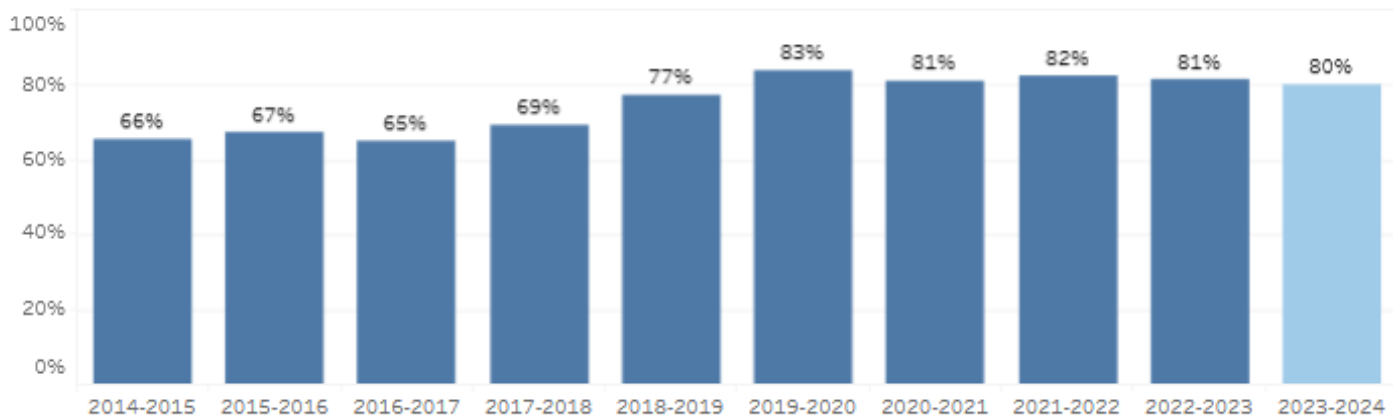


### ENGLISH ONE-YEAR COMPLETION RATES – 2016-17 TO 2022-23

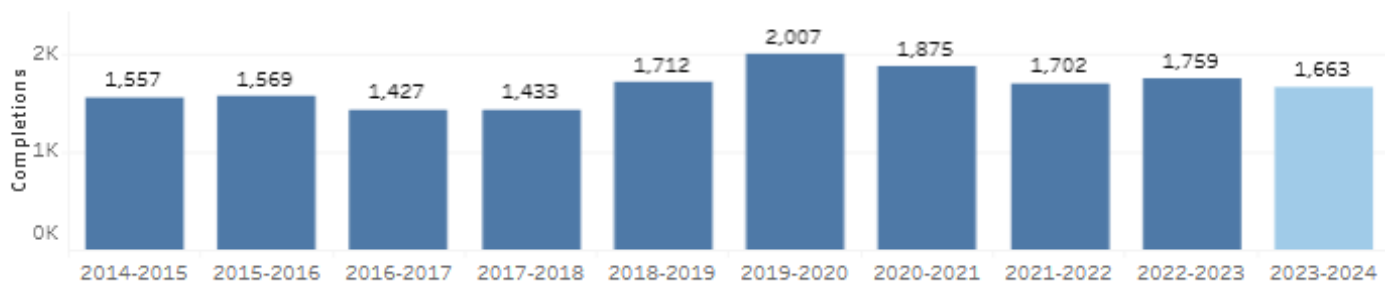
Successful completion of English (EWRT1A) in one year has improved from 65% in 2016-17 (prior to implementation of AB 705) to 81% in the most recent year with complete data, 2022-23 (Graph 3). Completion rates peaked in 2019-20 at 83% in the first full year of AB 705 implementation with 2,007 successful completions. The current rate is 81% with 1,759 successful completions. As a comparison, the statewide English completion rate is 67%.

Graph 3. One-Year Transfer-Level English Completion – De Anza College

#### Successful Transfer-Level Completion Rates in English



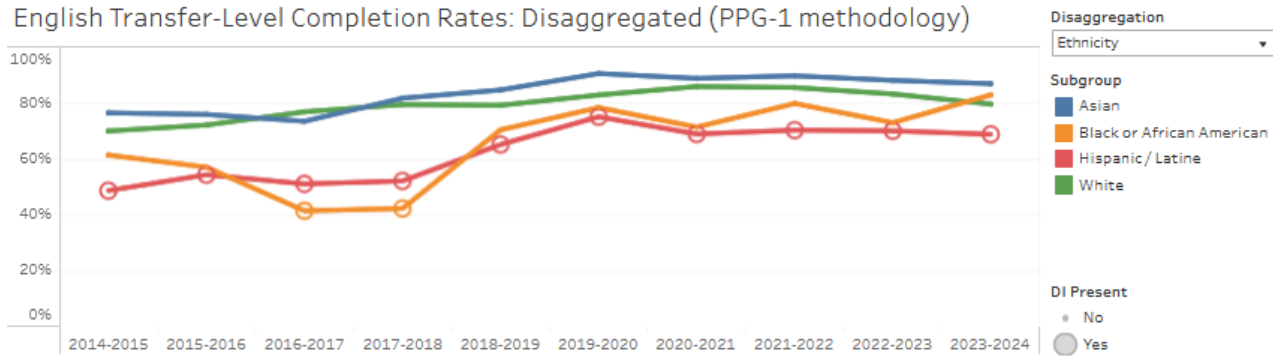
#### Successful Transfer-Level Completion Counts in English



Note: Fall starts, all starting levels, one-year completion.

According to the dashboard, English completion rates have improved for all racial/ethnic groups, in particular for Black students which improved from 41% in 2016-17 to 73% in 2022-23 (Graph 4). Hispanic students also improved from 51% in 2016-17 to 70% in 2022-23. The gap between white and Hispanic students narrowed from 26 percentage points to 13 percentage points and between white and Black students from 36 percentage points to 10 percentage points between 2016-17 and 2022-23. Black students no longer experience disproportionate impacts, though Hispanic students continue to.

**Graph 4. One-Year Transfer-Level English Completion – De Anza College, by Ethnicity**

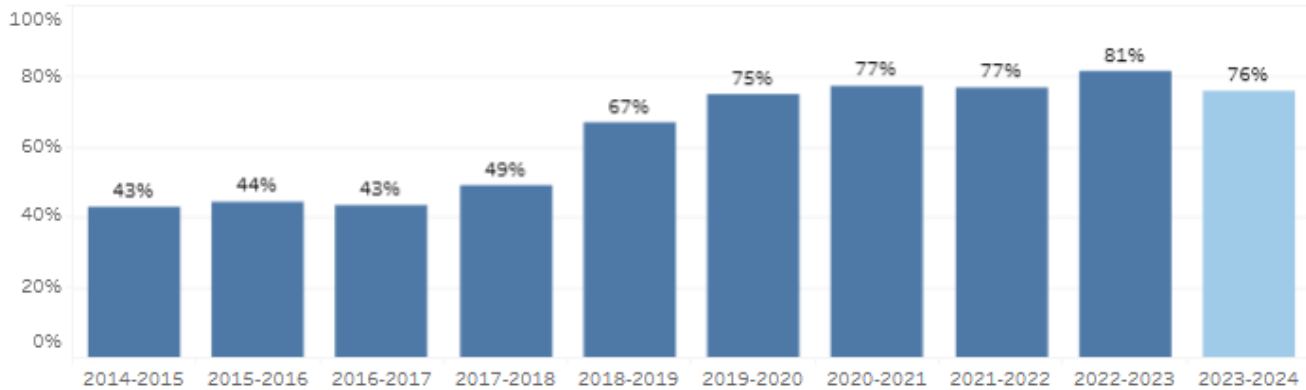


**MATH ONE-YEAR COMPLETION RATES – 2016-17 TO 2022-23**

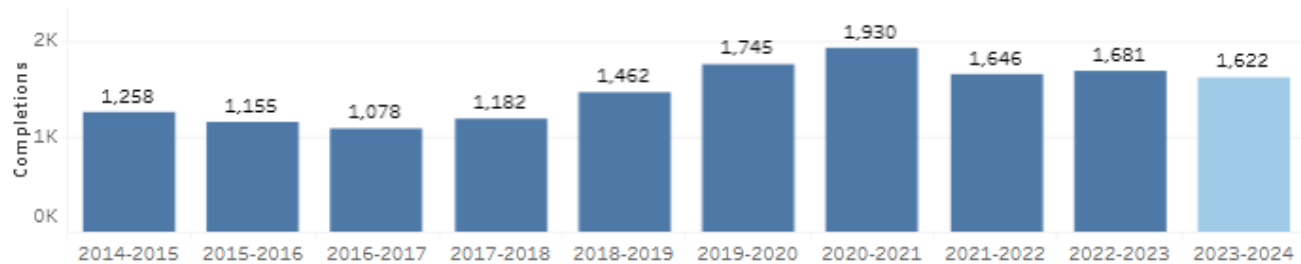
Successful completion of any transfer-level math course in one year has improved from 43% in 2016-17 (prior to implementation of AB 705) to 81% in the most recent year with complete data, 2022-23 (Graph 5). As a comparison, the statewide math completion rate is 60%. The current rate is 81% with 1,681 successful completions. The number of successful completions peaked at 1,930 in 2020-21, the first full year of implementation of the law.

**Graph 5. One-Year Transfer-Level Math Completion – De Anza College**

Successful Transfer-Level Completion Rates in Math



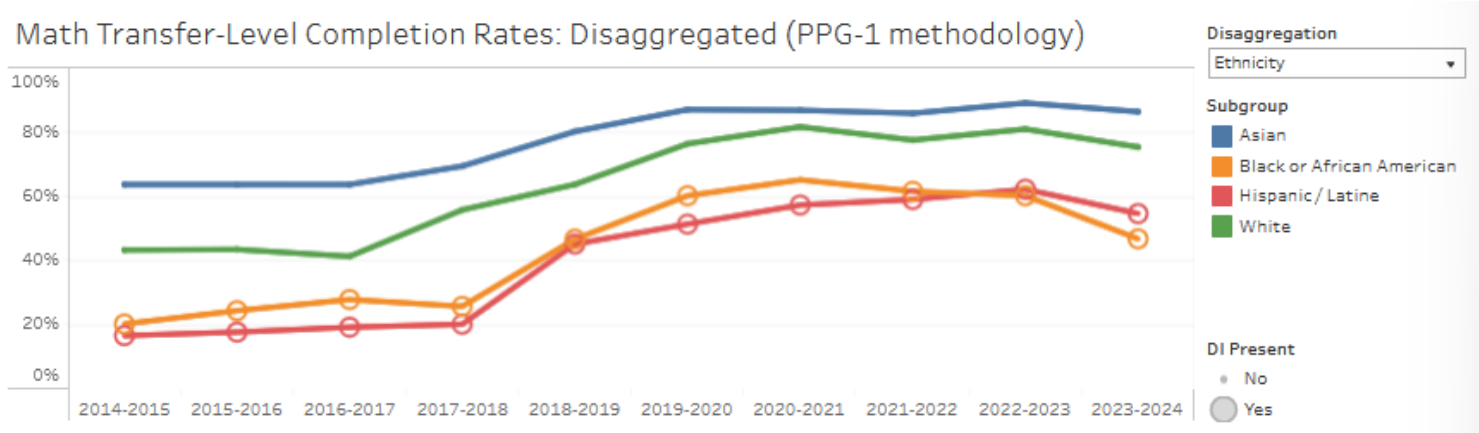
Successful Transfer-Level Completion Counts in Math



Note: Fall starts, all starting levels, one-year completion.

According to the dashboard, transfer-level math completion rates have improved for all racial/ethnic groups, in particular for Black students which improved from 28% in 2016-17 to 60% in 2022-23 (Graph 6). Hispanic students also improved from 19% in 2016-17 to 62% in 2022-23. The gap between white and Hispanic students narrowed from 22 percentage points to 19 percentage points, however, the gap between white and Black students increased from 13 percentage points to 21 percentage points between 2016-17 and 2022-23. Disproportionate impacts are still present for both Hispanic and Black students.

**Graph 6. One-Year Transfer-Level Math Completion – De Anza College, By Ethnicity**

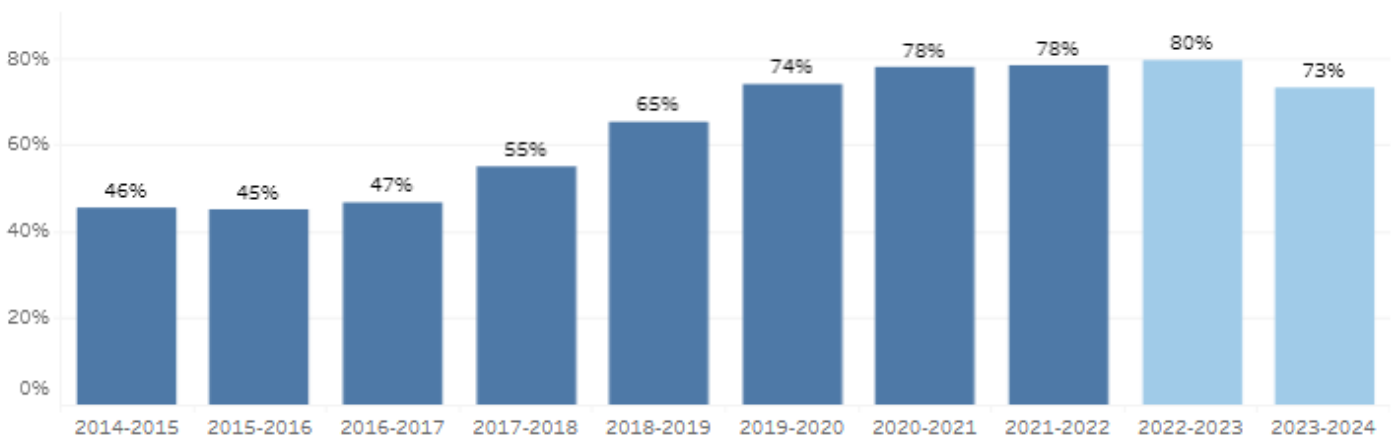


**BSTEM/SLAM COMPLETION**

The last tab of the dashboard allows users to disaggregate outcomes by Statistics/Liberal Arts math and STEM/Calculus. When looking at students who start in Statistics and complete Statistics in one year (Graph 7), the completion rate is 80% in 2022-23, up from 47% in 2016-17. Rates have improved across all racial/ethnic groups, though disproportionate impacts remain for Black and Hispanic students.

**Graph 7. One-Year Statistics/Liberal Arts Math Completion – De Anza College**

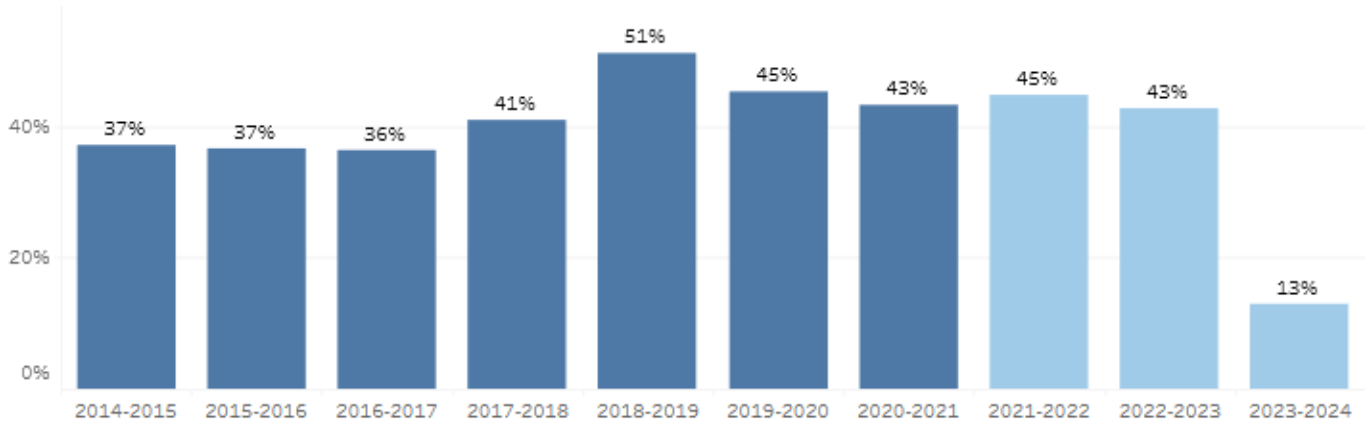
Throughput starting in SLAM completing Statistics/LA (SLAM) in 1 year



When looking at students in the BSTEM pathway who start in Precalculus and complete Calculus I within two years (Graph 8), the rate is 45% in 2021-22, with 860 students starting in this pathway and 385 successfully completing Calculus I in two years.

**Graph 8. Two-Year Precalculus 1 Start to Calculus 1 Completion – De Anza College**

Throughput starting in BSTEM completing Calc 1/Applied Calc (BSTEM) in 2 years



When looking at BSTEM students who start in Calculus I and successfully complete Calculus I within two years (Graph 9), the rate is 91% in 2021-22, this cohort includes 1,029 students with 933 successful completions. Direct access to Calculus I is disproportionately represented by Asian and white students.

**Graph 9. Two-Year Calculus I Start to Calculus I Completion – De Anza College**

Throughput starting in BSTEM completing Calc 1/Applied Calc (BSTEM) in 2 years

