

Transfer Level Completion Dashboard

Definitions and Methodology

Data File

A data file was provided to the RP Group's Multiple Measures Assessment Project (MMAP) research team from CalPASS Plus (dated 11/13/2020) that included all California Community Colleges (N= 115) submitting to the Management Information System (MIS). The data included students enrolled between fall 2010 and summer 2020. The math (N = 804,993) and English (N = 864,236) samples included all students who attended a California Community College and enrolled in one or more credit English or math courses. The data file only includes the first two attempts of the transfer level course which may slightly undercount the true rate especially for timeframes longer than one year.

Student Cohorts

The dashboard shows data for students whose first enrollment was at the level displayed in the discipline displayed. For example, if a student's first course of enrollment was pre-transfer level English, that would be the cohort in which they are included. Cell sizes below 10 are suppressed.

Successful Completion of the Transfer-Level Course

Percentage of students who successfully completed a transfer-level course within the specified time period. This includes students who completed a transfer-level gateway class within one year (365 days) of their initial attempt in the sequence (e.g. Fall-[Winter]-Spring-Summer; Spring-Summer-Fall-[Winter]; etc.) Two- and three-year time windows extend this logic for two and three full sequences. If students' first transfer-level attempt was unsuccessful, their second transfer-level attempt was also included in the data file. Therefore, throughput rates described in this report could be slightly underestimating the true effect, as it is feasible that some students could attempt to pass a transfer-level course more than two times within one year (especially across colleges or districts, or at colleges using the quarter system).

Successful Transfer-Level Completion Counts

Number of students who successfully completed a transfer-level course within the specified time period. Successful completions include A, B, C, P, and CR grades, as well as incomplete grades equivalent to a passing grade (e.g., IA, IB, IC). Enrollments with grade codes of XX, DR, MW, RD, UD, UG, RD1, RD4, RD5, and IP were not included in the analysis, as they do not represent valid enrollments or letter grades. Withdrawals, including excused withdraws (EW), were considered to be non-successful attempts, as were incomplete, non-satisfactory, and non-passing grades (e.g., D, F, NP, I).

Completion Across Colleges and Districts

Students are assigned to a college based on their first course enrollment in the discipline and include completion anywhere in the system. Completion is attributed to the starting college.

English Courses

English courses were defined by the Taxonomy of Program (TOP) code 1501.00 (English). English as a Second Language courses equivalent to a transfer-level English course were not included in the data file. Additionally, courses with pre-transfer CB 21 codes (e.g., "A", "B", "C", or "D") were included as below transfer-level. Transfer-level gateway courses with English TOP codes were those courses with a CB21 code of "Y" (not prior to college level) and a CB05 transfer status code indicating that the course transfers to the University of California (UC) and/or California State University (CSU) system.

Math Courses

Math courses were defined by the TOP code 1701.00 (Mathematics) as well as specific "non-math" math courses in other TOP code areas including 0103.00 (Plant Science), 0501.00 (Business), 0505.00 (Business Administration), 0506.00 (Business Management), 0707.10 (Computer Programming), 1799.00 (Other Math), 2001.00 (Psychology), 2003.00 (Behavioral Science), 2099.00 (Other Psychology), 2201.00 (Social Sciences), 2204.00 (Economics), and 2208.00 (Sociology). Math courses within other TOP codes were identified in collaboration with the Academic Senate for the California Community Colleges. Additionally, courses with pre-transfer CB 21 codes (e.g., "A", "B", "C", or "D") were included as below transfer-level. Transfer-level gateway courses with math TOP codes were those courses with a CB21 code of "Y" (not prior to college level) and a CB05 transfer status code indicating that the course transfers to the University of California (UC) and/or California State University (CSU) system.

Credit ESL Courses

Completion rates include the successful completion of transfer-level English (TLE) or transfer-level English-equivalent ESL (TLEE) within the selected timeframe. A student was assigned to the ESL filter if their first enrollment in either English or ESL was an ESL course. Credit ESL includes enrollment in any credit ESL course. Students' ESL enrollments are set to capture one main ESL course enrollment per term. The main course that is reported is determined algorithmically in the following order of precedence: 1) integrated; 2) writing; 3) reading; 4) speaking/listening.

Concurrently Enrolled High School Students

High school students taking courses within the system are counted as any other enrollment and outcome.

Disproportionate Impact

Disproportionate Impact (DI) is present in selected subgroup. Student groups who significantly perform below the average rate of all other groups are identified as DI with the Percentage Point Gap (PPG) method. PPG uses the average (excluding the group of interest i.e. PPG-1

method) as a reference taking sample sizes into account. The calculation of the PPG-1 can be found here: <https://www.cccco.edu/-/media/CCCCO-Website/About-Us/Divisions/Digital-Innovation-and-Infrastructure/Research/Files/PercentagePointGapMethod2017.ashx>

Data Filters

Only student variables available in the COMIS system may be reported in the dashboard.

Age Group

- <https://webdata.cccco.edu/ded/sb/sb03.pdf>

Calculated field based on age at first enrollment in the discipline. Grouped into age groups of less than 25, 25-34 and 35 and over.

Co-Req Support

Corequisite courses identified via a review of course catalogs between fall 2010 and fall 2020.

DSPS

- <https://webdata.cccco.edu/ded/sd/sd.htm>

EOPS

- <https://webdata.cccco.edu/ded/se/se.htm>

Ethnicity

- <https://webdata.cccco.edu/ded/std/std10.pdf>

Displays only African American, Asian, Hispanic and White. Additional disaggregation of the Asian category are not available.

Foster Youth

- <https://webdata.cccco.edu/ded/sg/sg03.pdf>

Gender

- <https://webdata.cccco.edu/ded/sb/sb04.pdf>

Nonbinary and Unknown not graphed.

GPA Band

The MIS data file was matched to CalPASS Plus high school transcript records, which resulted in 64%-66% of student records having both MIS data and a valid high school GPA available. A students transcriptable unweighted high school GPA was provided. High school data is only available for students who attended a California high school who voluntary participate in CalPass Plus. GPA bands are those included in the default placement rules for SLAM and B-STEM math.

MESA

- [California Community Colleges Management Information System Data Element Dictionary \(ccccco.edu\)](#)

Puente

- [California Community Colleges Management Information System Data Element Dictionary \(ccccco.edu\)](#)

Umoja

- [California Community Colleges Management Information System Data Element Dictionary \(ccccco.edu\)](#)

Veteran

- [California Community Colleges Management Information System Data Element Dictionary \(ccccco.edu\)](#)

Enrollment in Special Programs

Enrollment in special programs (i.e., DSPS, EOPS, veterans, or foster youth) were included as enrolled in the program if enrollment occurred at any point within the timeframe of the data file. Enrollment in the program did not have to take place at the time of enrollment in a math or English course.

First Attempt Term

Term of first enrollment in the discipline either Fall term or all starting terms combined.

Starting Course Level

- At Transfer Level = First course of enrollment in the discipline is at transfer level. (CB21 = Y)
- Below Transfer: 1 Level = First course of enrollment in the discipline at one level below transfer. (CB21 = A)
- Below Transfer: 2 Levels or More = First course of enrollment in the discipline at two levels below transfer or below. (CB21 = B, C or D)

Timeframe to Completion

Timeframe in which the starting cohort is tracked to successful completion of the transfer level course.