

Changes to the Student Success Metrics Dashboard

April 2023

This document describes changes to metric definitions or to display of metrics and new metrics added as part of the 2022-2023 release of the Student Success Metrics Dashboard (SSM5.0). For any questions or concerns, please email launchboard@cccco.edu.

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NEW GUIDED PATHWAYS METRIC FOR SUCCESSFULLY COMPLETED 30 UNITS IN THE FIRST YEAR (SM 458)

A new Guided Pathways metric has been added to the Momentum section to display the percentage of first-time cohort students who successfully completed 30 semester units or 45 quarter units in their first year from their first term of entry.

NEW TWO-YEAR COHORT LENGTH IN THE COHORT VIEW

In addition to the three-, four-, and six-year cohort lengths, a two-year cohort length has been added to the selection for metrics that do not have a timeframe specified as part of their definition.

DENOMINATOR FOR SUCCESSFUL ENROLLMENT IN THE FIRST YEAR IN BOTH VIEWS (SM 300, 301)

The denominator for the Successful Enrollment metrics in the Snapshot and Cohort Views has been updated to eliminate records with confirmed fraud where fraud_status equal to 5 where the college has reviewed the application and determined that it is fraudulent. Therefore, fewer applicants are included for the denominator of the Successful Enrollment metrics in the snapshot view.

While testing the denominator for the Successful Enrollment metric in the cohort view for the removal of fraudulent records, an issue was discovered that has been fixed where applicants were being incorrectly excluded.

Impact of the change: In the snapshot view, denominators are lower by 2% to 6% between 2018 and 2022 with higher percentages by only 1 to 2 basis points. At the college level in the snapshot view, similarly all denominators are lower with the removal of records with fraud_status=5. However, the impact on the Successful Enrollment percentages is very significant for some colleges in later years displayed.

In the cohort view, denominators are higher by 44% to 384% with lower percentages by 7 to 39 basis points depending on the year.

DENOMINATOR FOR FOUR-YEAR TRANSFER METRICS IN BOTH VIEWS

In the snapshot view, the denominator for four-year transfer metrics is now SM 122 All Students. Previously, the denominator only included students who had exited postsecondary and who earned 12 or more units at any time and at any college. In this dashboard release, the requirements for exit and for 12 or more units earned have been essentially moved to the numerator calculation.

In the cohort view, the denominator for the four-year transfer metrics will also be updated to SM 122FC First-Time Cohort Students with the exiting and 12 or more units earned requirements moved up to the numerator calculation. However, the original SM 620Cx All Cohort Students Who Transferred to a Four-Year Postsecondary Institution (with denominator used for SEP) with the denominator SM 235Cx All Cohort Students Who Earned 12 or More Units Within the Cohort Timeframe and at Any College and Who Exited California Community College will continue to be included in the dashboard. Since the unFERPA suppressed data for this metric is one of the five metrics provided to the colleges

through Data on Demand for Student Equity Planning (SEP), it will continue to be provided with the original SEP denominator.

Impact of the change: Since the denominator has been updated to include all students in the snapshot view and all first-time students in the cohort view, percentages are much lower for the four-year transfer metrics in both views. In the cohort view, the values for the Transfer to a Four-Year (with denominator used in SEP) and Transfer to a Four-Year are exactly the same.

INCREASES IN THE TRANSFER BUCKET WITH IMPACTS ON METRICS IN BOTH VIEWS

Significantly more students were matched in the transfer bucket for 2022-23 compared to the previous build. The increase in the number of students included in the transfer bucket has led to higher values for transfer metrics in both the snapshot and cohort views. The transfer bucket increase has also led to less students considered as exiting all postsecondary and less students considered as first-time.

In prior years, changes in the transfer bucket match between the Chancellor's Office MIS and CSU/UC and the National Student Clearing House were minimal. Comparing the transfer bucket used for the prior 2020-21 build and the one used for last year's 2021-22 build, the differences were only about 1% to 2% statewide, depending on the year. However, the transfer bucket for this year's 2022-23 build increased by 3% to 6% statewide, depending on the year, when comparing to the transfer bucket used for last year's 2021-22 build.

Slight changes to the transfer bucket are expected. According to the Chancellor's Office MIS, there is an update process that allows districts to update the student ID ([SB00 Student-Identifier](#)) for previously reported students where a district may report a student in MIS data using a unique student identifier, created by the district. At a later date, that student ID may be updated to an SSN, especially as a student applies for financial aid requiring an SSN. This change would require an update to [SB01 Student-Identifier-Status](#) from "C" to "S." However, only a few student records had SB01 updated to "S" from "C" with the switch to SSN for the student id as described above: 2.0% increase in 2020-21; 0.8% increase in 2019-20; prior years increase by less than 0.1%.

When the match for the transfer bucket was done this year with CSU/UC and the National Student Clearing House, the Chancellor's Office MIS provided additional information to more accurately identify students who are enrolled in other postsecondary institutions resulting in higher number of students included in the transfer bucket for prior years.

When comparing metric values for the 2021-22 build and the latest 2022-23 build, the higher than expected transfer bucket increase has affected the following metrics:

- **Transfer to Any Four-Year (SM 620, 650)** counts are higher in the snapshot and cohort views by around 1% statewide for all complete years of data
 - a. SM 650Sx in the snapshot view and SM 650Cx in the cohort view (see description above for change to the denominator)
 - b. SM 620Cx in the cohort view (see description above for this metric retained in the cohort view since part of Student Equity Plan or SEP metrics using a restricted cohort denominator)

- **Transfer to CSU or UC, In-State Private and Out-of-State (SM 614, 615, 616)** counts are higher in both views by around 1% to 3% statewide, depending on the year of data, for all complete years
 - a. SM 614Sx in the snapshot and 614Cx in the cohort view for Transfer to a CSU or UC (see description above for change to the denominator))
 - b. SM 615Sx in the snapshot and 615Cx in the cohort view for Transfer to an in-state private (see description above for change to the denominator)
 - c. SM 616Sx in the snapshot and 616Cx in the cohort view for Transfer to any out-of-state (see description above for change to the denominator))
- **First-Time Student Cohort (SM 122FC)** counts are lower by 0.2% to 1.2% statewide, depending on the year of data impacting all metrics in the cohort view.
 - a. SM 122FC First-Time Cohort Students excludes any student who is found in the transfer bucket when 18 or older. Since slightly more students were found in the transfer bucket for the 2022-23 build, the cohort counts are slightly lower as these students have now been removed.
- **Average No. of Units by Associate Degree Earners (SM 613Sx, 617Sx, 618Sx)** in the snapshot view are affected due to lower denominator counts for students who earned their first Associate Degree in the Selected Year
- **Became Employed (SM 700Sx)** counts in the snapshot view are lower due to lower denominator counts for exiting students who did not have a wage record in the in first fiscal quarter before entry or re-entry
- **Job in Field of Study (SM 701)** counts in both views are lower due to lower denominator counts for exiting students who responded to the CTE Outcomes Survey
- **Median Annual Earnings (SM 800Sx)** in the snapshot view is affected due to lower denominator counts for exiting students with a wage record found in the second fiscal quarter after exit
- **Median Change in Earnings (SM 801Sx)** in the snapshot view is affected due to lower denominator counts for exiting students with a wage record found in the second fiscal quarter after exit and in the second fiscal quarter before entry or re-entry
- **Attained the Living Wage (SM 802Sx)** counts in the snapshot view are lower due to lower denominator counts for exiting students with a wage record found in the second fiscal quarter after exit

REMOVAL OF ATTAINED THE VISION FOR SUCCESS DEFINITION OF COMPLETION OR TRANSFERRED IN THE SNAPSHOT VIEW (SM 641SX)

Due to the need to combine two different universes of students for completion and for transfer, a logical inconsistency could not be resolved for this metric that was added as part of last year's 2021-22 build. For now, the metric has been removed from the snapshot view but will be brought back in a future release after resolution. For completion, enrollment in the district in the year in which a student earns an award is required to align to the Student Centered Funding Formula. For transfer, exit from the CA community college system is required in the year in which a student is counted for transfer to a four-year institution. Resolving instances where counts of students for completion or for transfer were higher

than counts of students who either attained the Vision for Success completion or transferred was not possible before release of the 2022-23 dashboard.

REMOVAL OF MULTIPLE VALES REPORTED FOR GENDER AND RACE/ETHNICITY FOR ALL METRICS IN BOTH VIEWS

An issue has been identified and corrected for Multiple Values Reported, a generated subgroup for gender and race/ethnicity disaggregations. Students in that subgroup are more likely to have conflicting student records with the likely possibility that multiple students are aggregated and treated as one student record with the use of the derived key especially when a regional or statewide selection is made. As such, the Multiple Values Reported subgroup for gender and race/ethnicity disaggregations has been removed from display for all metrics on the dashboard in the snapshot and cohort views.

Note: While the Multiple Values Reported subgroups for gender and race/ethnicity have been removed from the dashboard for all metrics, the unFERPA suppressed data will continue to be included in the data provided for 2022 Student Equity Plans and updated 2023 data.

AVERAGE NUMBER OF UNITS ACCUMULATED BY FIRST-TIME ASSOCIATE DEGREE EARNERS IN THE BOTH VIEWS (SM 613, 617SX, 618SX)

Two issues have been identified and corrected for the Average Number of Units Accumulated by Associate Degree Earners:

1. Both views: the code was improperly treating students who earned awards at multiple locales leading to inflated values for average number of units
2. Snapshot View: the code for the denominator was not actually removing students who previously enrolled at a postsecondary institution when 18 or older or who were found in the transfer bucket per the metric definition

Impact of the change: Statewide, 26% to 29% fewer students are considered first-time associate degree earners for the denominator. The average number of units is lower by 1 to 3 units depending on the year for all three average number of units accumulated by first-time associate degree earners: students who earned any associate degree, any associate degree not for transfer, or any associate degree for transfer. Similarly, denominators are also lower for all colleges in all years for all three metrics. However, the effect of removing those students found in the transfer bucket does not always result in higher average units since the first fix lowered average units for colleges.

SUCCESSFULLY COMPLETED UNIT THRESHOLDS IN THE FALL TERM IN THE SNAPSHOT VIEW (SM 404SX)

An issue has been identified and corrected for the microregion, macroregion and statewide calculations of unit thresholds where quarter units earned by students at colleges on the semester system were incorrectly being adjusted down to semester units. Fixing this issue has resulted in a shift from students previously counted in lower unit thresholds to now being included in higher unit thresholds at the microregion, macroregion and statewide levels. This update did not impact college or district level information for this metric.

Impact of the change: Fewer students are included in the lower unit thresholds (Attained 0.1-5.9 units and 6-8.9 units) by 1% to 2% with more students included in the higher unit thresholds (Attained 9-11.9 units, 12-14.9 units and 15+ units) by 1% to 7% statewide, depending on the year. Similar shifts occurred in the Bay, North Far North, Silicon Valley, and Greater Sacramento regions where colleges on the quarter system are located.

REMOVAL OF INCOMPLETE YEARS OF DATA FOR TRANSFER TO A FOUR-YEAR METRICS (SM 614CX, 615CX, 616CX, 620CX, 650CX, 641CX) AND JOB IN FIELD OF STUDY (SM 701CX) IN THE COHORT VIEW

Incomplete years of data have been removed from display for SM 650Cx Transferred to a Four-Year, SM 614Cx Transferred to a CSU/UC, SM 615Cx Transferred to an In-State Private, SM 616Cx Transferred to Any Out-of-State, SM 620Cx Transferred to a Four-Year (with denominator used in SEP), and SM 641Cx Attained the Vision for Success Completion Definition or Transferred and SM 701Cx Job in Field of Study since students are being considered as exiting before it can really be determined leading to rather “inflated” student transfer rates in incomplete years. Therefore, the data for incomplete years are not useful.

EARNINGS METRICS IN THE SNAPSHOT VIEW (SM 800SX, 801SX, 802SX)

Because earnings are displayed on a time trend, all earnings are adjusted for inflation to the latest year using the Consumer Price Index extracted from the CA Department of Finance. For instance, wages earned in 2015-16 have been adjusted to 2020-21 dollars.

Impact of the change: After adjustment, statewide Median Annual Earnings and Attained the Living Wage metrics are higher by 6%.