

Changes Between Metrics Displayed for First-Time Non-Special Admit Cohort Students in DataVista and Student Success Metrics (SSM) Cohort View in LaunchBoard

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This document describes any significant differences between metric outcomes displayed on DataVista for the 1.0 Release for First-Time Non-Special Admit Cohort Students and the Student Success Metrics (SSM) Cohort View dashboard on LaunchBoard.

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Summary Table of Differences between Metrics Displayed for First-Time Non-Special Admit Cohort Students in DataVista and SSM Cohort View on LaunchBoard

Metric	Significant Statewide impact vs SSM Cohort	Issue
235C Exiting Students Who Earned 12+ Units for Transfer Metrics	Values are lower by 15-34%	<ul style="list-style-type: none"> • Fix to correct for inflation of units earned by students enrolled in multiple colleges
122C First-Time Non-Special Admit Cohort Students	Values higher by 3-4%	<ul style="list-style-type: none"> • Improvements for student identifier, ETL process, and possibly MIS changes to identify students for transfer
408C Course Success Rate	Percentages lower by 2 to 8 basis points	<ul style="list-style-type: none"> • Fix to exclude enrollments of students who failed to meet cohort requirements • ETL differences
4289, 429C Average Number of Semester (Quarter) Units Successfully Completed	Varied impact on different starting years and cohort timeframes	<ul style="list-style-type: none"> • Fix to treat preceding summer like fall
458C, 468C Completed 30+ Semester or 45+ Quarter Units in the First Year	Percentages higher by 2-4 basis points	<ul style="list-style-type: none"> • New metrics in 2022-23 • At this time not sure of full explanation
Transfer to a 4-Year: <ul style="list-style-type: none"> • 650C, 620C (SEP denom) To Any 4-Year Institution • 614C To CSU/UC • 615C To In-State Private • 616C To Out-of-State 	<ul style="list-style-type: none"> • 650C and 620C: Values lower by 12-25% • 614C: Lower by 20-41% • 615C: Lower by 3% to higher by 6% • 616C: Higher by 1-2% 	<ul style="list-style-type: none"> • Fix to 235C as noted above • COMIS team methodology update to identify students who transfer to 4-year • Fix to students with quarter term enrollments to properly include latest term
641C Attained the Vision Definition of Completion or Transferred	Values lower by 12-25%	<ul style="list-style-type: none"> • Fix to 650C Transfer to a Four-Year as noted directly above

Summary of Additional Less Significant Differences Statewide

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| <ul style="list-style-type: none"> • Disaggregations • Gender and Race/Ethnicity (103C, 104C) • Successful Enrollment (300C) • Completion Metrics (603C, 607C, 608C, 619C, 631C) • Average Semester Units Accumulated by First-Time Degree Earners (613C) • Average Quarter Units Accumulated by First-Time Degree Earners (627C) • Job in Field of Study (701C) | <ul style="list-style-type: none"> • Slight shifts in subgroups • Added back Multiple Values Reported subgroup • Slightly higher percentages • Slightly higher due to fix to better align to metric intent to students with any district enrollment • Fix to properly adjust quarter units and impacts of higher values for 122C • Significant impact for colleges on quarters with fix to properly adjust quarter units • Percentages are generally slightly higher |
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Improvements to Student Identifier and Processing of Data Sets or Data Sources

An overall update to more accurately identify students with a single student identifier by combining the COMIS ID on SB00 Student-Identifier with the previous derived key (last name, first name, DOB, gender) has been implemented for DataVista. In addition, the ETL (Extract, Load, Transformation) of the data sets has transformed malformed records that previously would not have been included.

Impact: The impact of these improvements is hard to determine exactly for each metric. However, we have tried to point out when we believe these improvements have impacted on metric outcomes in any significant way.

Changes to Disaggregations and Denominators

Disaggregations

Because of the student identifier change described above, there are some slight shifts in the count of students in disaggregation subgroups.

Gender and Race/Ethnicity Disaggregations (103C and 104C)

Because of the student identifier change described above and because of the addition of the Multiple Values Reported (MVR) subgroup, there are some shifts in the count of students in the different gender and race/ethnicity subgroups. Previously, MVR was calculated but removed from display on the LaunchBoard.

This change will also impact other disaggregations causing some shifts between subgroups.

Impact: In general, less students are flagged as Unknown, and more are included in other race/ethnicity subgroups.

Exiting Students Who Earned 12+ Units At Any College and At Any Time for Transfer Metrics (235C)

In the prior SSM code, students with enrollments in multiple institutions had their unit counts inflated by the number of institutions in which they were enrolled. For example, if a student was enrolled in two colleges, then their total units earned was being multiplied by two.

This fix will impact all transfer outcomes.

Impact: Statewide values are lower by 15% to 34% depending on the starting year and cohort timeframe compared to SSM.

Changes to First-Time Non-Special Admit Cohort

First-Time Non-Special Admit Cohort Students (122C)

Due to the improvements made to the student identifier and ETL process as described above, there are more students identified as first-time non-special admit cohort students compared to the SSM Cohort View. These changes differences will impact all other cohort metrics.

In addition, an updated method to identify students in the data sets used to capture enrollment at four-year institutions for our students has been implemented by MIS (See below for impact on the transfer counts). This change would impact the inclusion of students in the first-time cohort since part of the calculation removes students found with an enrollment at any postsecondary when over the age of 18.

Impact: Statewide values are higher by 3% to 4% compared to SSM Cohort View.

Changes to Successful Enrollment and Progress Metrics

First-Time Cohort Student Applicants Who Enrolled in the Same College (300C and 340C)

At this time, we believe that the changes for the student identifier and ETL process and the higher cohort counts as described above are leading to changes for both the values and denominators.

Impact of the change: Statewide percentages are higher by 1 to 2 basic points for both metrics compared to SSM or by 1% to 14% compared to SSM. The slight increase in percentages is due to statewide values higher by 4% to 18% and statewide denominators, 340C Prospective Students Who Applied for the First Time Through CCC Apply, are higher by 2% to 8% (with one year lower by 1%) compared to SSM.

Course Success Rate (408C and 338C)

An issue in the prior SSM code has been fixed for both 338C (denominator for 208C) and 408C to exclude enrollments of students who failed to meet all cohort requirements per the [Metric Definition Dictionary \(MDD\)](#).

Impact of the change: Statewide percentages are lower for Course Success Rate by 2 to 8 basis points or 12% to 15% with values basically lower by the same percentages and the denominator (338C) lower by 4% to 12% compared to SSM.

Average Number of Semester (Quarter) Units Successfully Completed by All Cohort Students (428C and 429C)

A fix to the prior SSM code was made to treat preceding summer term like fall for the calculation of successful units completed in the cohort timeframe (1, 2, 3, 4, 6).

Like other metrics, this metrics is impacted by the additional students included in the cohort compared to SSM.

Impact of the change: Statewide average units are slightly higher by 1 basis point for the 1-year timeframe but lower by 0.2 to 4.9 depending on the starting year and cohort timeframe compared to SSM. Differences in average units are similar for colleges on quarters.

Completed 30+ Semester or 45+ Quarter Units in The First Year (458C and 468C)

These were new metrics for the last build in 2022-23 of LaunchBoard, and unfortunately, the SSM code for these metrics is not available to reference to determine the reason for the differences.

Impact of the change: Statewide percentages are higher by 2 to 4 basis points with values much higher by 35% to 65% compared to SSM.

Changes to Success Metrics

Award or Completion Metrics (603C, 607C, 608C, 619C, 631C)

The prior SSM code required enrollment as a non-special admit student in the district in the year that the student earned an award. In order to better align with Student Centered Funding Formula code for completion metrics, the code has been updated to any type of enrollment in the district.

Impact of the change: Statewide values are higher depending on the metric, starting year, and cohort timeframe compared to SSM.

Average Number of Units Accumulated by First-Time Associate Degree Earners (613C, 627C)

An issue with the current SSM code was fixed for these metrics for colleges on quarters (627C) where it was not coded to the [MDD](#) to properly adjust all units to quarter units for display.

The number of first-time associate degree earners and first-time associate degree not-for-transfer earners (330C) are higher impacting the average units accumulated metrics (613C, 627C) for those students. We believe that this increase is due to the student identifier and ETL changes described above.

Impacts on Changes to Average Units for First-Time Degree Earner Metrics:

- **613C Avg Semester Units for First-Time Associate Degree Earners:** Statewide values are lower by 0.0 to 1.5 semester units with values for 330C Number of First-Time Associate Degree Earners up by 1% to 4% depending on the starting year and cohort timeframe compared to SSM.

- *627C Avg Quarter Units for First-Time Associate Degree Earners:* Values for colleges on quarters are higher by 14 to 44 units depending on the starting year and cohort timeframe compared to SSM.

Transfer to a Four-Year Metrics (650C, 614C, 615C, 616C, 620C)

The fix to the prior code as explained above for 235C Exiting Students with 12+ Units, where students with enrollments in multiple institutions had their unit counts inflated by the number of institutions in which they were enrolled, resulted in a large decrease in the number of students considered for transfer.

The Chancellor's Office MIS team updated their methodology to identify students who had transferred to a four-year institution. This change had significant impact on transfer counts for nearly all colleges and all years.

An issue with the SSM code has been fixed for students with quarter term enrollments where their single latest quarter term units were not included in the calculation of 12 or more units. This mostly affects students with Spring quarter enrollments and leads to a higher number of students included for colleges on quarters.

In addition, the improved student identifier and ETL processes mentioned above may also be impacting these metric outcomes.

Impacts on Four-Year Transfer Metrics:

- *650C Transfer to Any Four-Year:* Statewide values are lower by 12% to 25% depending on the starting year and cohort timeframe compared to SSM. NOTE: Percentages are lower by 3 basis points to higher by 2 basis points depending on the transfer metric, starting year, and cohort timeframe.
- *620C Transfer with SEP Denominator:* Statewide values are lower by 12% to 25% depending on the starting year and cohort timeframe compared to SSM. NOTE: Percentages are higher by 1 to 2 basis points depending on the starting year and cohort timeframe.
- *614C Transfer to CSU/UC:* Statewide values are lower by 20% to 41% depending on the starting year and cohort timeframe compared to SSM.
- *615C Transfer to In-State Private:* Statewide values are lower by 3% to higher by 6% depending on the starting year and cohort timeframe compared to SSM.

- *616C Transfer to Any Out-of-State:* Statewide values are lower by 1% to higher by 2% depending on the starting year and cohort timeframe compared to SSM.

Attained the Vision Goal Definition of Success or Transferred to a Four-Year Metrics (641C)

This metric is also impacted by the changes in the transfer to a four-year metrics described above.

Impact of the change: Statewide values are also lower by 12% to 25% depending on the starting year and cohort timeframe compared to SSM.

Changes to Employment and Earnings Metrics

Job in Field of Study from CTEOS (701C)

The prior SSM method looked for students who were ever had an SX enrollment, found all of their student IDs, and then tried to link each of those student IDs back to the "cohort" of Career Technical Education Outcomes Survey (CTEOS) students to create the student universe for the CTEOS metrics. A simple link straight to the student ID and college and year has been implemented yielding a higher match rate for both the values and denominators for this metric in DataVista.

Impact of the change: Final statewide percentages are slightly different but mostly higher by less than 1 to 2 basis points or -1% to 3% depending on the starting year and cohort timeframe compared to SSM. Values are higher by 4% to 95% and denominators are higher by 4% to 90%.