

542S (D,T,U,W,Z): Students Who Completed Transfer-Level Math Within the District in Their First Academic Year or Within Three Years for Credit ESL Students

Student Group: Comprehensive Snapshot

Background Information: <https://datavista-staging.cccco.edu/background-info/S>

Metric Type/Category: Progress

Last Updated Date: 12/08/2025

Description Among students in selected student journey, the proportion who completed transfer-level math in their first academic year of credit enrollment from their first term within the CC district allowing for students who ever enrolled in credit ESL to complete transfer-level math within three complete years from first term

Notes Incomplete grades are included in Course Success and Completed Transfer Level Math in the District in the First Year, but are not included in Earned Nine or More Career Education Units Within the District in a Single Year, Successfully Completed Unit Thresholds in Fall Term, Successfully Completed Unit Thresholds in the Selected Year, and Average Number of Units Accumulated by Associate Degree Earners, due to how the underlying data elements are constructed.

Includes completion of the courses in the same district only

CB25 COURSE-GENERAL-EDUCATION-STATUS has been added in summer 2019 to account for courses that are not listed on the TOP codes indicated in the calculation above but that fulfill general education requirements for mathematics/quantitative reasoning in the context of transfer, degree, and certificate program.

Data Sources Chancellor's Office Management Information System

Data Elements CB03 Course-TOP-Code (<https://webdata.cccco.edu/ded/cb/cb03.pdf>)
 CB04 Course-Credit-Status (<https://webdata.cccco.edu/ded/cb/cb04.pdf>)
 CB25 Course-General-Education-Status (<https://webdata.cccco.edu/ded/cb/cb25.pdf>)
 CB26 Course-Support-Course-Status (<https://webdata.cccco.edu/ded/cb/cb26.pdf>)
 GI03 Term-Identifier (<https://webdata.cccco.edu/ded/gi/gi03.pdf>)
 SXD2 Enrollment-Credit-Status (<https://webdata.cccco.edu/ded/sxd/sxd2.pdf>)
 SX04 Enrollment-Grade (<https://webdata.cccco.edu/ded/sx/sx04.pdf>)

Calculations 332S Students who met the outcome of the metric in one of four ways
Had an enrollment in a transfer level math course in the district
 WHERE [[(CB03 = 1701.00
 AND SXD2 = T)
OR had an enrollment in a course flagged as fulfilling general education requirements for math or quantitative reasoning in the context of transfer, degree, and certificate programs in the district
 OR WHERE [(CB25=B
AND not a support course

AND CB26 IS NOT EQUAL TO S)]

AND earned a passing grade

AND [First character of SX04 IN (A, B, C, P) OR
First two characters of SX04 IN (IA, IB, IC) OR
First three characters of SX04 IN (IPP)]

AND allow for successful completion of transfer level math course one year from first term taking credit courses in the district with preceding summer term enrollment treated like fall term enrollment

WHERE GI03 is within one year starting from first term of credit
General Admit enrollment in the district

WHERE YY5 is same as YY7 and YY6 is same as YY8]

OR if the student had a credit ESL enrollment in the district

OR [WHERE [CB04 IN (C,D) AND
CB03 IN (4930.84, 4930.85, 4930.86, 4930.87, 4930.90, 4931.00)

AND within three years after first term of entry into the cohort with preceding summer term enrollment treated like fall term enrollment

WHERE GI03 is within three years starting from first term of credit
General Admit enrollment in the district

WHERE YY5 is same as YY7 and YY6 is same as YY8]

AND had an enrollment in a transfer level math course in the district

WHERE [[(CB03 = 1701.00
AND SXD2 = T)

OR had an enrollment in a course flagged as fulfilling general education requirements for math or quantitative reasoning in the context of transfer, degree, and certificate programs in the district

OR WHERE [(CB25=B

AND not a support course

AND CB26 IS NOT EQUAL TO S)]

AND earned a passing grade

AND [First character of SX04 IN (A, B, C, P) OR
First two characters of SX04 IN (IA, IB, IC) OR
First three characters of SX04 IN (IPP)]

AND allow for successful completion of TL math course within three years from first term of taking credit courses in the district with preceding summer term enrollment treated like fall term enrollment

WHERE GI03 is within three years starting from first term of credit
General Admit enrollment in the district

WHERE YY5 is same as YY7 and YY6 is same as YY8]

AND count students where they were a 332SZ, 332SU or 332SW student at the college in the selected year

Denominator	332S All Students Who Took Credit Courses for the First-Time in the District
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Value Type	Percentage and unduplicated count of students
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