

400A (E): Participants who Completed an Educational Functioning Level Gain

Student Group: CAEP Adult Learners

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

Metric Type/Category: Progress

Last Updated Date: 12/15/2025

Description Among all Participants in ESL, ABE and ASE (133A), the number who improved skills by one or more Educational Functioning Levels or by course progression in the selected year.

Notes

Date_ID does not always match term_id in file provided. Date_ID is used for ordering purposes for "pre" and "post" testing whereas term_id indicates the prior or selected years.

For the COMIS calculation, restricting advancement to courses coded only on one TOP code for Math and two TOP codes for English to align with SCFF definition of completed transfer level math and English is problematic because there are courses taught on other TOP codes that could be considered as the same discipline area for math/quantitative reasoning or English. However, in the absence of an approved list of TOP codes to include for Math or English beyond the three listed, the metric calculation only includes the three identified TOP codes.

For the COMIS calculation, course completion or passing either the "pre" or "post" CB21 course is not required. If a student has a "post" enrollment that is a higher level in the same discipline area as the "pre" enrollment, then that student is assumed to have attained an EFL gain.

For General Admit Students, the denominator for this metric is students who enrolled in a basic skills course in the selected year.

This metric is only calculated in ESL, ABE, and ASE programs.

CB21 levels decrease from F to E to D and so on until level A.

The metric incorporates MIS data element SA07, which was introduced in Summer 2018. The first position in SA07 is a number from 1 to 6 and increases with EFL. If a student is found meeting either one or both of the above criteria, then the student is included in the metric denominator.

Data Sources CASAS TOPSpro Enterprise
Chancellor's Office Management Information System

TE Data Elements CompletedLevel
CurrentAge
IsAEBGProgramAreaESL
IsAEBGProgramAreaABE
IsAEBGProgramAreaHSD
IsAEBGProgramAreaHSE
IsInLiteracySection
MIN(ProgramYear)

PostTestInstructionalLevelId
PreTestInstructionalLevelId
ProgramYear
Student_MAX_LEVEL_20xx (calculated yearly)
TotalPYHours (prior to 2020-21)
TotalQualifiedHours

TE Calculations

133A ESL, ABE, ASE students who met the following criteria:

Who advanced one or more educational functioning levels

WHERE (CompletedLevel = 1
AND IsInLiteracySection=1)

OR Who shows a gain from prior EFL highest level

OR WHERE Student_MAX_LEVEL_20xx > prior MAX_LEVEL, i.e.
PostTestInstructionalLevelId > PreTestInstructionalLevelId

In the selected year AND count students at the institution where they had the gain in the selected year

AND ProgramYear is within the selected year

OR who met the COMIS outcome below

COMIS Data Elements AA02 Assessment-Result (<https://webdata.cccco.edu/ded/aa/aa02.pdf>)
CB03 Course-TOP-Code (<https://webdata.cccco.edu/ded/cb/cb03.pdf>)
CB21 Course-Prior-to-College-Level (<https://webdata.cccco.edu/ded/cb/cb21.pdf>)
GI03 Term-Identifier (<https://webdata.cccco.edu/ded/gi/gi03.pdf>)
SA07 Student-Education-Function-Level (<https://webdata.cccco.edu/ded/sa/sa07.pdf>)
Student_MAX_LEVEL_20xx (calculated yearly)

COMIS Calculations

133A ESL, ABE, ASE students who met the following criteria:

Who met the TE outcome above

OR EITHER advanced one or more CB21 levels in the selected year compared to prior CB21 level in the prior or selected year at the selected college:

OR WHERE EITHER [MIN CB21 per term (GI03) must decrease in the selected year compared to prior CB21 in any term in the prior or selected year

WHERE CB21 not equal to Y at the selected college

AND CB21 advancement must be in the SAME discipline area:

WHERE CB03 IN (4930.84, 4930.85, 4930.86, 4930.87, 4930.90, 4931.00, 4930.60, 4930.62) for ESL advancement

OR CB03 IN (1701.00) for Math advancement

OR CB03 IN (1501.00, 1520.00) for English or Reading advancement

AND in the selected year

WHERE GI03 is within the selected year

AND count students at the institution where they had the gain in the selected year

AND at the selected college where the student had a gain in the selected year]

OR advanced one or more educational functioning levels at the selected college using SA07:

OR WHERE [MAX(LEFT((SA07),1) must increase in the selected year compared to prior EFL level in any term in the prior or selected year as determined by "pre" level date_ID is before "post" level date_ID at the selected college

AND SA07 advancement must be in the SAME discipline area:

WHERE (SA07 IN (1B, 2B, 3B, 4B, 5S, 6S) for Math and English or Reading advancement

OR SA07 IN (1E, 2E, 3E, 4E, 5E, 6E) for ESL advancement)

AND advanced in the selected year compared to prior or selected year

WHERE term_id is within the prior or selected year for "pre" level

WHERE term_id is within the selected year for "post" level]

OR advanced one or more educational functioning levels at the selected college using AA02:

OR WHERE [MAX(RIGHT((AA02),2) must increase in the selected year compared to prior EFL level in any term in the prior or selected year as determined by "pre" level date_ID is before "post" level date_ID at the selected college

AND AA02 advancement must be in the SAME discipline area:

WHERE (AA02 IN (M1, M2, M3, M4, M5, M6) for Math

OR AA02 IN (E1, E2, E3, E4, E5, E6) for English or Reading advancement

OR AA02 IN (S1, S2, S3, S4, S5, S6) for ESL advancement)

AND advanced in the selected year compared to prior or selected year

WHERE term_id is within the prior or selected year for "pre" level

WHERE term_id is within the selected year for "post" level]

AND count students at the institution where they had the gain in the selected year

Denominator 133A All Participants in ESL, ABE or ASE

Value Type Percentage and unduplicated count of participants

Disaggregations Gender, Race/Ethnicity, Age Group

AE Program Type ABE, ASE, ESL