

Performance Framework Matriculation Rate Calculations

Note: This document is intended to be used in conjunction with the Matriculation Detail file provided by CDE's Accountability and Data Analysis Unit. The Matriculation Detail file contains student level records of high school graduates enrolling in a CTE program, community college, or four year college that are used for matriculation calculations that appear in the District and School Performance Frameworks. The records have been coded to make it easier for districts to recreate the calculations published in the framework reports. This document provides the coding definitions and business rules used to generate the calculations.

Definitions of Included Variables

DETAIL_DASY_KEY: the DETAIL_DASY_KEY reflects the graduation year cohort to which the individual student record belongs.

SASID: the State Assigned Student Identifier reflects each student that was coded as a high school graduate within the End of Year state submission.

ENROLLED_SUMMER: this field indicates if a student was enrolled in a permitted institute type during the summer term following high school graduation.

0=not enrolled

1=enrolled in applicable program

INST_CODE_SUMMER: this field indicates the institution type the student was enrolled in during the summer following high school graduation. The field values and definitions are as follows:

Field Value	Definitions
1	Technical College
2Pr	2-Year Private
2Pu	2-Year Public
4Pr	4-Year Private
4Pu	4-Year Public
LPr	Less than 2 year private

ENROLLED_FALL: this field indicates if a student was enrolled in a permitted institute type during the fall term following high school graduation.

0=not enrolled

1=enrolled in applicable program

INST_CODE_FALL: this field indicates the institution type the student was enrolled in during the fall term following high school graduation. The applicable codes are the same as those identified for the field, INST_TYP_SUMMER presented above.

DEG_PRIOR_TO_ENTRY: this field indicates if a student earned a certificate or degree prior to high school graduation.

0=not earned

1=yes, degree or certificate earned

DEG_PRIOR_TO_ENTRY_CODE: this field identifies the specific certificate or degree type earned. The codes are as follows:

Certificates/Degrees:

- 1 - Certificate (less than 1 year)
- 2 - Certificate (at least 1 but less than 2 years)
- 3 - Certificate (at least 2 but less than 4 years)
- 11 - Associate of Applied Science
- 12 - Associate of General Studies
- 13 - Associate Degree (AA or AS)
- 21 - Bachelor's Degree

VOC_HOURS_ATTEMPTED: this field reflects the number of hours of enrollment within a CTE program. It serves as a flag to distinguish CTE programs.

0=not CTE enrolled

1+=number of CTE hours enrolled in program

INCL_DN: this indicates that the presented student (i.e. high school graduate) should be included within the denominator for all matriculation calculations. The field is coded as one for all included students.

INCL_NM_2YR: reflects all students flagged as enrolled in a two year institution during the identified summer or fall terms.

0=not enrolled in a two year institution

1=enrolled in a two year institution

INCL_NM_4YR: reflects all students flagged as enrolled in a four year institution during the identified summer or fall terms.

0=not enrolled in a four year institution

1=enrolled in a four year institution

INCL_NM_CTE: reflects all students flagged as enrolled in a CTE program during the identified summer or fall terms.

0=not enrolled in a CTE program

1=enrolled in a CTE program

INCL_NM_TTL: reflects all students meeting criteria for inclusion within the matriculation numerator. The student was included if they were enrolled in a two year institution, four year institution, or a CTE program. The student would also be included if they were identified as having a degree prior to high school graduation. 0

0=student is not included within the numerator

1=student is included within the numerator

I. Matriculation Inclusion Rules

In order to determine the matriculation rate, each graduating student (representing the denominator) must be identified as having been enrolled in a two-year college, four-year college, or CTE program during the summer or fall term following graduation (i.e. students meeting one of these criteria will comprise the numerator). In addition, any student that has been awarded a degree or certificate will also be included within the numerator for calculation purposes. The rules for inclusion, within the numerator for each institution type, are below:

MATRICULATION_2YR (INCL_NM_2YR) = 1 if the following conditions are met:

- ENROLLED_SUMMER = 1
AND INST_CODE_SUMMER = '2Pu' or '2Pr'
AND VOC_HOURS_ATTEMPTED = 0
- OR ENROLLED_FALL = 1
AND INST_CODE_FALL = '2Pu' or '2Pr'
AND VOC_HOURS_ATTEMPTED = 0
- OR DEG_PRIOR_TO_ENTRY_CODE = '11' or '12' or '13'

MATRICULATION_4YR (INCL_NM_4YR) = 1 if the following conditions are met:

- ENROLLED_SUMMER = 1
AND INST_CODE_SUMMER = '4Pu' or '4Pr'
- OR ENROLLED_FALL = 1
AND INST_CODE_FALL = '4Pu' or '4Pr'
- OR DEG_PRIOR_TO_ENTRY_CODE = '21'

MATRICULATION_CTE (INCL_NM_CTE) = 1 if the following conditions are met:

- ENROLLED_SUMMER = 1
AND INST_CODE_SUMMER = '2Pu' or '2Pr'
AND VOC_HOURS_ATTEMPTED > 0
- OR ENROLLED_FALL = 1
AND INST_CODE_FALL = '2Pu' or '2Pr'
AND VOC_HOURS_ATTEMPTED > 0
- OR ENROLLED_SUMMER = 1
AND INST_CODE_SUMMER = '1' or 'LPr'
- OR ENROLLED_FALL = 1
AND INST_CODE_FALL = '1' or 'LPr'
- OR DEG_PRIOR_TO_ENTRY_CODE = 1, 2, or 3

MATRICULATION_ALL (INCL_NM_TTL) = 1 if any one of the following conditions are met:

- INCL_NM_2YR = 1
- OR INCL_NM_4YR = 1
- OR INCL_NM_CTE = 1

II. FINAL CALCULATION OF MATRICULATION

The matriculation rate calculation formula is as follows:

$$(INCL_NM_TTL / \text{total number of cases for the identified year}) * 100$$