CEDS Connect

Author: Education-to-Workforce Collaborators Group

Location: More Than One State

Source for CEDS Connection Information: Education-to-Workforce Indicator Framework (https://educationtoworkforce.org/)

Description of CEDS Connection:

This Connection identifies the CEDS elements needed to measure the percentage of students enrolled in early college coursework who earn credit-bearing scores on end-of-course tests (for example, a score of 3 or higher on AP tests or 5 or higher on IB tests) or earn postsecondary credit within their dual enrollment courses. The recommended analysis criteria are also included. This Connection supports the Education-to-Workforce Indicator Framework.

Go Further with this Connection

You can use this Connection with your own data system. Click on the myConnect logo to apply the elements from your shared map to this Connection.

▶ **Data Elements**

Metric

CEDS Elements:	Elements Not Currently in CEDS:
A. Assessments -> Assessment -> Assessment Title	
B. Assessments -> Assessment Result -> Assessment Result Score Value	
C. K12 -> Calendar -> Session -> School Year	
D. K12 -> Course Section -> Course Level Type	
E. K12 -> Course Section -> Course Section Identifier	
F. K12 -> Course Section -> Session Type	
G. K12 -> K12 Course -> Advanced Placement Course Code	
H. K12 -> K12 Course -> Course Begin Date	
I. K12 -> K12 Course -> Course End Date	
J. K12 -> K12 Course -> Course Identifier	
K. K12 -> K12 Course -> Course Level Characteristic	
L. K12 -> K12 School -> Identification -> School Identification System	
M. K12 -> K12 School -> Identification -> School Identifier	
N. K12 -> K12 Student -> Identity -> Student Identification System	
O. K12 -> K12 Student -> Identity -> Student Identifier	
P. K12 -> LEA -> Identification -> Local Education Agency Identification System	
Q. K12 -> LEA -> Identification -> Local Education Agency Identifier	
R. K12 -> SEA -> Identification -> State Agency Identification System	
S. K12 -> SEA -> Identification -> State Agency Identifier	
T. Postsecondary -> PS Student -> Academic Record -> Dual Credit Dual Enrollment Credits Awarded	

Disaggregates

CEDS Elements:	Elements Not Currently in CEDS:
A. Adult Education -> AE Student -> Status -> Low-income Status	
B. K12 -> K12 School -> Directory -> Administrative Funding Control	
C. K12 -> K12 School -> Directory -> Charter School Type	
D. K12 -> K12 School -> Directory -> School Type	
E. K12 -> K12 Student -> Demographic -> Birthdate	
F. K12 -> K12 Student -> Demographic -> Hispanic or Latino Ethnicity	
G. K12 -> K12 Student -> Demographic -> Military Connected Student Indicator	
H. K12 -> K12 Student -> Demographic -> Race	
I. K12 -> K12 Student -> Demographic -> Rural Residency Status	
J. K12 -> K12 Student -> Demographic -> Sex	
K. K12 -> K12 Student -> Disability -> Disability Status	
L. K12 -> K12 Student -> Disability -> IDEA Indicator	
M. K12 -> K12 Student -> Disability -> Primary Disability Type	
N. K12 -> K12 Student -> Disability -> Section 504 Status	
O. K12 -> K12 Student -> Disability -> Status End Date	
P. K12 -> K12 Student -> Disability -> Status Start Date	
Q. K12 -> K12 Student -> Discipline -> Disciplinary Action End Date	
R. K12 -> K12 Student -> Discipline -> Disciplinary Action Start Date	
S. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken	
T. K12 -> K12 Student -> Economically Disadvantaged -> Eligibility Status for School Food Service Programs	
U. K12 -> K12 Student -> English Learner -> English Learner Status	
V. K12 -> K12 Student -> English Learner -> Program	

Participation Exit Date
W. K12 -> K12 Student -> English Learner -> Program
Participation Start Date
X. K12 -> K12 Student -> Homeless -> Homeless Serviced
Indicator
Y. K12 -> K12 Student -> Homeless -> Homelessness Status
Z. K12 -> K12 Student -> Homeless -> Status End Date
AA. K12 -> K12 Student -> Homeless -> Status Start Date
AB. K12 -> K12 Student -> IDEA -> Program Participation Exit
Date
AC. K12 -> K12 Student -> IDEA -> Program Participation Start
Date
AD. K12 -> K12 Student -> Individualized Program -> Student
Support Service Type
AE. K12 -> K12 Student -> Language -> ISO 639-3 Language
Code
AF. K12 -> K12 Student -> Language -> Language Type
AG. K12 -> K12 Student -> Migrant -> Migrant Status
AH. K12 -> K12 Student -> Migrant -> Program Participation Exit
Date
AI. K12 -> K12 Student -> Migrant -> Program Participation Start
Date
AJ. K12 -> K12 Student -> Program -> Program Participation Exit
Date
AK. K12 -> K12 Student -> Program -> Program Participation
Start Date
AL. K12 -> K12 Student -> Program -> Program Type
AM. K12 -> Organization -> Identification -> Organization Type

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▶ **Analysis Recommendations**

General Connection Information

CEDS elements are shown in **_bold/italicized_** font.

This metric is part of the Education-to-Workforce (E-W) Indicator Framework, specifically "Outcomes and milestones" which pertain to key outcomes and milestones along the E-W continuum strongly associated with people achieving economic mobility and security.

Calculating a Response

Metric: Percentage of students enrolled in early college coursework who earn credit-bearing scores on end-of-course tests (for example, a score of 3 or higher on AP tests or 5 or higher on IB tests) or earn postsecondary credit within their dual enrollment courses.

Use the following CEDS elements to identify the school year:
- **_School Year_**= the most recent school year or the school year being reported, representing July 1 through June 30.

Use the following CEDS elements to determine the universe of students:??
- Pull all unique students which is determined by using a unique **_Student Identifier_**where **_Student Identification System_** = State?

Where the student:?
- is associated with a State Education Agency through the **_State Agency Identifier_**where **_State Agency Identification System_**= SEA
- is associated with a Local Education Agency through the **_Local Education Agency Identifier_** where **_Local Education Agency Identiication System_**= SEA, and
- is associated with a K12 school through the **_School Identifier_** where **_School Identification System_** = SEA

From the universe of students, identify students who enrolled in at least one college level course.
- Pull the unique **_Course Identifier_**and/or **_Advanced Placement Course Code_** where
- **_Course Level Characteristic_** = 00574 (International Baccalaureate course), 00575 (Advanced placement course), 73048 (dual enrollment), or equivalent college level course, where
- **_Course Level Type_** = College Level, and where
- **_Course Begin Date_** and **_Course End Date_** are within the school year being reported.

*If an instance of an AP, IB or dual credit course is taught during a specific term, use **_Course Section Identifier_** where **_Session Type_** = Semester to identify the course.*

Narrow the list of students to those who have earned credit-bearing scores on end-of-course tests using the following CEDS elements:
- **_Assessment Title_**= Advanced Placement, International Baccalaureate, and/or Dual Enrollment
- **_Assessment Result Score Value_** ≥ 3 on AP tests or ≥ 5 on IB tests

Identify the students who earned postsecondary credit within their dual enrollment courses using the following CEDS elements:
- **_Dual Credit Dual Enrollment Credits Awarded_** > 0

To calculate the percentage of students enrolled in early college coursework who earn credit-bearing scores on end-of-course tests or earn postsecondary credit within their dual enrollment courses,
- Count the number of students enrolled in early college coursework who earn credit-bearing scores on end-of-course tests or earn postsecondary credit within their dual enrollment courses.
- Count the total number of students.
- Divide the number of students enrolled in early college coursework who earn credit-bearing scores on end-of-course tests or earn postsecondary credit within their dual enrollment courses by the total number of students and multiply by 100.

Disaggregate by Home Language

Use the following CEDS elements to disaggregate the final set of students by Home Language:
- **_Language Type_** = Home Language; and
- **_ISO 639-3 Language Code_** ≠ Eng; and/or
- **_English Learner Status_** = Yes

Disaggregate by Homelessness

Use the following CEDS elements to disaggregate the final set of students by Homelessness:
- **_Homelessness Status_** = Yes
- **_Homeless Serviced Indicator_** = Yes
- **_Status Start Date_** ≤ the school year being reported
- **_Status End Date_**≥ the school year being reported

Disaggregate by Race

Use the following CEDS elements to disaggregate the final set of students by Race:
- Filter records where **_Hispanic or Latino Ethnicity_** = No

Count, by race, where any of the following are true:
- **_Race_** = American Indian or Alaska Native
- **_Race_** = Asian
- **_Race_** = Black or African American
- **_Race_** = Native Hawaiian or Other Pacific Islander
- **_Race_** = White
- **_Race_** = Demographic Race Two or More Races
- **_Race_** = Race and Ethnicity Unknown

Use the following CEDS elements to disaggregate the final set of students by Hispanic or Latino Ethnicity:

- Filter records where *Hispanic or Latino Ethnicity* = Yes

Disaggregate by Sex

Note: CEDS does not have a Gender element. While Sex is not a proxy for Gender it is the closest approximation currently available.
Note: Male + Female will not always equal 100% for states that have more choices beyond male and female.

Use the following CEDS elements to disaggregate the final set of students by Sex:
- *Sex* = Male, Female, or Not Selected

Disaggregate by Disability Status

Use the following CEDS elements to disaggregate the final set of students by Disability Status:

Students with a Disability: A student has a disability if <u>any</u> of the following are true:
- *Disability Status* = Yes
- *Status Start Date* ≤ the school year being reported
- *Status End Date* ≥ the school year being reported

and/or

- *IDEA Indicator* = Yes
- *Program Participation Start Date* ≤ July 1 of the school year being reported
- *Program participation Exit Date* ≥ June 30 of the school year being reported
- *Section 504 Status* = Yes
- *Status Start Date* ≤ the school year being reported
- *Status End Date* ≥ the school year being reported

*Section 504 Status may not apply if your state doesn't collect it.

Students without a Disability: A student does not have a disability if <u>all</u> of the following are true:
- *Disability Status* = No, and
- *Primary Disability Type* is null, and
- *IDEA Indicator* = No, and
- *Section 504 Status* = No

Count the number of students with a disability and the number of students without a disability.

For further analysis, disaggregate the students with a disability:

Filter records where
- *IDEA Indicator* = Yes
- *Program Participation Start Date* ≤ the school year being reported
- *Program Participation Exit Date* ≥ the school year being reported

Count, by *Primary Disability Type*, where any of the following are true:??
- *Primary Disability Type* = Autism
- *Primary Disability Type* = Deaf blindness
- *Primary Disability Type* = Deafness
- *Primary Disability Type* = Developmental delay
- *Primary Disability Type* = Emotional disturbance
- *Primary Disability Type* = Hearing impairment
- *Primary Disability Type* = Intellectual disability
- *Primary Disability Type* = Multiple disabilities
- *Primary Disability Type* = Orthopedic impairment
- *Primary Disability Type* = Other health impairment
- *Primary Disability Type* = Specific learning disability
- *Primary Disability Type* = Traumatic brain injury
- *Primary Disability Type* = Visual Impairment

Disaggregate by Urbanicity

Use the following CEDS element to disaggregate the final set of students by Urbancity.
- *Rural Residency Status* = Yes (indicating Rural) or No (indicating Urban)

Disaggregate by Migrant Family Household

Use the following CEDS elements to disaggregate the final set of students by Migrant Family Household:
- *Migrant Status* = Yes, No
- *Program Participation Start Date* <u><</u> the school year being reported
- *Program Participation Exit Date* <u>></u> the school year being reported

Disaggregate by Parental Education Level

Use the following CEDS element to disaggregate the final set of students by Parental Education Level:
- *Highest Level of Education Completed* = Determine what the highest level of education completed is for the parents/guardians of the student

Disaggregate by English Learner

Use the following CEDS elements to disaggregate the final set of students by English Learner:
- *English Learner Status* = Yes, No
- *Program Participation Start Date* ≤ the school year being reported
- *Program Participation Exit Date* ≥ the school year being reported

Disaggregate by School Type

Use the following CEDS elements to disaggregate the final set of students by K12 School Type:
- *Charter School Type* = School Charter or College University or NA; and
- *School Type* = Regular, Special, Career and Technical, Alternative or Reportable
- *Administrative Funding Control* = Public School, Private School, or Other
- *Organization Type* = K12 School, Education Institution

Disaggregate by Age Group

Use the following CEDS element to disaggregate the final set of students by Age Group:
- *Birthdate =* Age as of October 1 of the school year being reported

Disaggregate by Individuals or Family Military Status

Use the following CEDS elements to disaggregate the final set of students by Individuals or Family Military Status:
- *Military Connected Student Indicator* = Not Military, Active Duty, National Guard or Reserve, or Unknown

Disaggregate by Justice Involvement

Use the following CEDS elements to disaggregate the final set of students by Justice Involvement:
- *Disciplinary Action Taken* = 03088 (Juvenile Justice Referral), 03089 (Law enforcement referral), or 75000 (Placed in juvenile detention center)
- *Disciplinary Action Start Date* <u><</u> the school year being reported

- **Disciplinary Action End Date** ≥ the school year being reported

Disaggregate by Individual with Current or Past Child Welfare Involvement

Use the following CEDS elements to disaggregate the final set of students by Individual with Current or Past Child Welfare Involvement:
- **Program Type** = 75000 (Foster Care)
- **Student Support Service Type** = 00295 (Children's protective services)
- **Program Participation Start Date** ≤ the school year being reported
- **Program Participation Exit Date** ≥ the school year being reported

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▸ **Related Connections**

No related connections

▸ **Related References**

A. Title: Education-to-Workforce Indicator Framework; Source: Education-to-Workforce Indicator Framework (see https://educationtoworkforce.org/)

Author's Comments/Additional Information

Community Feedback

Average Overall Rating:

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