

**Connection Title:** Postsecondary persistence: Percentage of students who continue enrolling in college (including transfers to other colleges) or complete a credential the following year, captured for up to 150% of program length.

**Selected Descriptors:**

Curriculum Organization->Curriculum  
Educational Levels, Degrees, and Organizations->Postsecondary Education  
Education-to-Workforce (E-W) Indicator Framework ->EQ16: Matriculation to well-matched and successful postsecondary institutions  
Education-to-Workforce (E-W) Indicator Framework ->EQ18: Early momentum in postsecondary education

**Author:** Education-to-Workforce Framework 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 who continue enrolling in college (including transfers to other colleges) or complete a credential the following year, captured for up to 150 percent of program length. Other time frames, such as 100 and 200 percent of program length, should also be reported for this measure and includes the recommended analysis criteria. 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:**

A. Postsecondary -> PS Institution -> Directory -> Office of Postsecondary Education Identifier  
B. Postsecondary -> PS Student -> Demographic -> Cohort Graduation Year  
C. Postsecondary -> PS Student -> Identity -> Student Identification System  
D. Postsecondary -> PS Student -> Identity -> Student Identifier  
E. Postsecondary -> PS Student -> Institution Enrollment -> Degree or Certificate Seeking Student  
F. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Entry Date  
G. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Exit Date  
H. Postsecondary -> PS Student -> Institution Enrollment -> Entry Date into Postsecondary  
I. Postsecondary -> PS Student -> Term Enrollment -> Academic Term Designator  
J. Postsecondary -> PS Student -> Term Enrollment -> Academic Year Designator  
K. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Status  
L. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Type

**Elements Not Currently in CEDS:**

**Disaggregates**

**CEDS Elements:**

A. Adult Education -> AE Student -> Status -> Low-income Status  
B. K12 -> K12 Student -> Discipline -> Disciplinary Action End Date  
C. K12 -> K12 Student -> Discipline -> Disciplinary Action Start Date  
D. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken  
E. K12 -> K12 Student -> English Learner -> English Learner Status  
F. K12 -> K12 Student -> English Learner -> Program Participation Exit Date  
G. K12 -> K12 Student -> English Learner -> Program Participation Start Date  
H. Postsecondary -> Course Section -> Course Level Type  
I. Postsecondary -> PS Institution -> Directory -> Control of Institution  
J. Postsecondary -> PS Institution -> Directory -> Level of Institution  
K. Postsecondary -> PS Institution -> Directory -> Office of Postsecondary Education Identifier  
L. Postsecondary -> PS Student -> Academic Record -> Credits Attempted Cumulative  
M. Postsecondary -> PS Student -> Academic Record -> Credits Earned Cumulative  
N. Postsecondary -> PS Student -> Demographic -> Birthdate  
O. Postsecondary -> PS Student -> Demographic -> First Generation College Student  
P. Postsecondary -> PS Student -> Disability -> Disability Status  
Q. Postsecondary -> PS Student -> Disability -> Section 504 Status  
R. Postsecondary -> PS Student -> Homeless -> Homelessness Status  
S. Postsecondary -> PS Student -> Homeless -> Status End Date  
T. Postsecondary -> PS Student -> Homeless -> Status Start Date  
U. Postsecondary -> PS Student -> Institution Enrollment -> Classification of Instructional Program Code

**Elements Not Currently in CEDS:**

V. Postsecondary -> PS Student -> Institution Enrollment -> Degree or Certificate Seeking Student  
W. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Entry Date  
X. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Exit Date  
Y. Postsecondary -> PS Student -> Institution Enrollment -> Entry Date into Postsecondary  
Z. Postsecondary -> PS Student -> Institution Enrollment -> First Time Postsecondary Student  
AA. Postsecondary -> PS Student -> Language -> ISO 639-3 Language Code  
AB. Postsecondary -> PS Student -> Language -> Language Type  
AC. Postsecondary -> PS Student -> Status -> Military Connected Student Indicator  
AD. Postsecondary -> PS Student -> Term Enrollment -> Academic Term Designator  
AE. Postsecondary -> PS Student -> Term Enrollment -> Academic Year Designator  
AF. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Status  
AG. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Type

## ▶ 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 that are strongly associated with individuals achieving economic mobility and security.

This metric is a measurement for a key indicator, “Postsecondary persistence,” and measures whether students continue enrolling in college in subsequent years, including transfers to other college

### Calculating a Response

*Metric: Percentage of students who continue enrolling in college (including transfers to other colleges) or complete a credential the following year, captured for up to 150 percent of program length. Other time frames, such as 100 and 200 percent of program length, should also be reported for this measure.*

Use the following CEDS elements to determine the school years for which the data will be measured:

- ***Academic Year Designator*** = 2023 and ***Academic Term Designator*** = Summer, and/or
- ***Academic Year Designator*** = 2024 and ***Academic Term Designator*** = Fall, Spring, Summer

To determine the universe of students:

- Pull all unique students which is determined by using a unique ***Student Identifier*** where ***Student Identification System*** = State, and where the student is associated with a postsecondary institution through the ***Office of Postsecondary Education Identifier***, and ***Enrollment Exit Date*** is within the Academic Year being reported.

From the universe of students, narrow the list to students who continue enrolling in college, including transfers to other colleges, using the following CEDS elements.

- ***Degree or Certificate Seeking Student*** = Yes, and
- ***Postsecondary Enrollment Type*** = Continuing, transfer-in, and
- ***Enrollment Entry Date*** is ≥ July 1 of the school year being reported, and
- ***Enrollment Exit Date*** is ≤ June 30 of the school year being reported

Identify which students are full-time or part-time:

- Filter records where ***Postsecondary Enrollment Status*** = Full-time, or Less than full-time but at least half-time.

Identify which students have continued enrolling in college for 100 percent of the program length:

- ***Cohort Graduation Year*** = 2027 when ***Academic Year Designator*** = 2023 and ***Academic Term Designator*** = Summer, and/or
- ***Cohort Graduation Year*** = 2028 when ***Academic Year Designator*** = 2024 and ***Academic Term Designator*** = Fall, Spring, Summer

Identify which students have continued enrolling in college for 150 percent of the program length:

- ***Cohort Graduation Year*** = 2029 when ***Academic Year Designator*** = 2023 and ***Academic Term Designator*** = Summer, and/or
- ***Cohort Graduation Year*** = 2030 when ***Academic Year Designator*** = 2024 and ***Academic Term Designator*** = Fall, Spring, Summer

Identify which students have continued enrolling in college for 200 percent of the program length:

- ***Cohort Graduation Year*** = 2031 when ***Academic Year Designator*** = 2023 and ***Academic Term Designator*** = Summer, and/or
- ***Cohort Graduation Year*** = 2032 when ***Academic Year Designator*** = 2024 and ***Academic Term Designator*** = Fall, Spring, Summer

To determine the percentage of students:

- Divide the number of students who continued enrolling in college for 100 percent of the program length by the total number of students in the cohort. Multiply by 100.
- Divide the number of students who continued enrolling in college for 150 percent of the program length by the total number of students in the cohort. Multiply by 100.
- Divide the number of students who continued enrolling in college for 200 percent of the program length by the total number of students in the cohort. 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 Race and Ethnicity

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 element to disaggregate the final set of students by Hispanic or Latino Ethnicity:

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

### Disaggregate by Disability Status

Use the following CEDS elements to disaggregate the final set of students by disability status:

- **Disability Status** = Yes, No; and
- **Status Start Date** ≤ Enrollment Entry Date
- **Status End Date** is null or ≥ Enrollment Exit Date
- **Section 504 Status** = Yes, No
- **Status Start Date** ≤ Enrollment Entry Date
- **Status End Date** is null or ≥ Enrollment Exit Date

### Disaggregate by Urbanicity

Use the following CEDS element to disaggregate the final set of students by Urbanicity:

*\*NOTE: Urbanicity is meant to identify the school's location, not the student's residence. However, if the student is remote, then this would be the student's location.*

Use the following CEDS element to disaggregate the final set of students by Urbanicity:

**Locale** =

- City – Large
- City – Midsize
- City – Small
- Suburban – Large
- Suburban – Midsize
- Suburban – Small
- Town – Fringe
- Town – Distant
- Town – Remote
- Rural – Fringe
- Rural – Distant
- Rural - Remote

### 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** = (select the option that best fits the parent/guardian's education level)

### 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 Attendance Intensity

Use the following CEDS element to disaggregate the final set of students by attendance intensity:

- **Postsecondary Enrollment Status** = Full time, Less than full-time but at least half-time

### Disaggregate by Age Group

Use the following CEDS element to disaggregate the final set of students by age group:

- **Birthdate** = Age as of the enrollment date of the school year being reported

### Disaggregate by Income Level

Use the following CEDS element to disaggregate the final set of students by income level:

- **Low-income status** = Yes or No

### Disaggregate by Individuals or Family Military Status

Use the following CEDS element 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 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

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

### Disaggregate by Postsecondary Institution Classification

Use the following CEDS elements to disaggregate by postsecondary institution classification:

- **Control of Institution** = Public; Private, Not for Profit; or Private, For profit
- **Level of Institution** = Four Year, Two to Four, or Less than Two

### Disaggregate by Transfer Enrollment Status

Use the following CEDS element to disaggregate the final set of students by transfer enrollment status:

- **Postsecondary Enrollment Type** = Transfer In

### Disaggregate by Postsecondary Major

Use the following CEDS elements to disaggregate the final set of students by postsecondary major:

- **Postsecondary Program Level** = Major
- **Classification of Instructional Program Code** = the CIP code assigned to the program or course

### 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 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 Credential-seeking Status**

Use the following CEDS element to disaggregate the final set of students by credential-seeking status:

- **Degree or Certificate Seeking Student** = Yes, No

**Disaggregate by First Generation College Student**

Use the following CEDS element to disaggregate the final set of students by dislocated worker status:

- **First Generation College Student** = Yes, No, Unknown

▸ **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**

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