

**Connection Title:** Postsecondary enrollment directly after high school graduation: Percentage of high school graduates who enroll in a postsecondary institution by October 31 following their high school graduation

**Selected Descriptors:**

Educational Process: School Perspectives->College Admission  
 Students, Teachers, School Personnel->College Applicants  
 Students, Teachers, School Personnel->College Bound Students  
 Educational Process: School Perspectives->Enrollment  
 Educational Levels, Degrees, and Organizations->Secondary Education  
 Educational Process: Societal Perspectives->Student Educational Objectives  
 Education-to-Workforce (E-W) Indicator Framework ->EQ14: High school graduation and post-graduation transition  
 Education-to-Workforce (E-W) Indicator Framework ->EQ16: Matriculation to well-matched and successful postsecondary institutions

**Author:** Education-to-Workforce Framework Collaborators Group

**Location:** More Than One State

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

**Description of CEDS Connection:**

This Connection identifies the CEDS elements needed to measure how many high school graduates enrolled in a postsecondary institution by October 31 following their high school graduation 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. K12 -> Calendar -> Session -> School Year  
 B. K12 -> K12 School -> Directory -> School Level  
 C. K12 -> K12 School -> Identification -> School Identification System  
 D. K12 -> K12 School -> Identification -> School Identifier  
 E. K12 -> K12 Student -> Academic Record -> Diploma or Credential Award Date  
 F. K12 -> K12 Student -> Academic Record -> High School Diploma Type  
 G. K12 -> K12 Student -> Identity -> Student Identification System  
 H. K12 -> K12 Student -> Identity -> Student Identifier  
 I. K12 -> LEA -> Identification -> Local Education Agency Identification System  
 J. K12 -> LEA -> Identification -> Local Education Agency Identifier  
 K. K12 -> SEA -> Identification -> State Agency Identification System  
 L. K12 -> SEA -> Identification -> State Agency Identifier  
 M. Postsecondary -> PS Student -> Institution Enrollment -> Entry Date into Postsecondary

**Elements Not Currently in CEDS:**

**Disaggregates**

**CEDS Elements:**

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 School -> Identification -> Organization Type  
 F. K12 -> K12 Student -> Demographic -> Birthdate  
 G. K12 -> K12 Student -> Demographic -> First Generation College Student  
 H. K12 -> K12 Student -> Demographic -> Hispanic or Latino Ethnicity  
 I. K12 -> K12 Student -> Demographic -> Military Connected Student Indicator  
 J. K12 -> K12 Student -> Demographic -> Race  
 K. K12 -> K12 Student -> Demographic -> Rural Residency Status  
 L. K12 -> K12 Student -> Demographic -> Sex  
 M. K12 -> K12 Student -> Disability -> Disability Status  
 N. K12 -> K12 Student -> Disability -> IDEA Indicator  
 O. K12 -> K12 Student -> Disability -> Primary Disability Type  
 P. K12 -> K12 Student -> Disability -> Section 504 Status  
 Q. K12 -> K12 Student -> Disability -> Status End Date  
 R. K12 -> K12 Student -> Disability -> Status Start Date  
 S. K12 -> K12 Student -> Discipline -> Disciplinary Action End Date  
 T. K12 -> K12 Student -> Discipline -> Disciplinary Action Start Date  
 U. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken  
 V. K12 -> K12 Student -> Economically Disadvantaged -> Eligibility Status for School Food Service Programs  
 W. K12 -> K12 Student -> English Learner -> English Learner Status  
 X. K12 -> K12 Student -> English Learner -> Program Participation Exit Date  
 Y. K12 -> K12 Student -> English Learner -> Program Participation Start Date

**Elements Not Currently in CEDS:**

Z. K12 -> K12 Student -> Homeless -> Homeless Serviced Indicator  
 AA. K12 -> K12 Student -> Homeless -> Homelessness Status  
 AB. K12 -> K12 Student -> Homeless -> Status End Date  
 AC. K12 -> K12 Student -> Homeless -> Status Start Date  
 AD. K12 -> K12 Student -> IDEA -> Program Participation Exit Date  
 AE. K12 -> K12 Student -> IDEA -> Program Participation Start Date  
 AF. K12 -> K12 Student -> Individualized Program -> Student Support Service Type  
 AG. K12 -> K12 Student -> Language -> ISO 639-3 Language Code  
 AH. K12 -> K12 Student -> Language -> Language Type  
 AI. K12 -> K12 Student -> Migrant -> Migrant Status  
 AJ. K12 -> K12 Student -> Migrant -> Program Participation Exit Date  
 AK. K12 -> K12 Student -> Migrant -> Program Participation Start Date  
 AL. K12 -> K12 Student -> Program -> Program Participation Exit Date  
 AM. K12 -> K12 Student -> Program -> Program Participation Start Date  
 AN. K12 -> K12 Student -> Program -> Program Participation Status  
 AO. K12 -> K12 Student -> Program -> Program Type  
 AP. K12 -> Parent/Guardian -> Education -> Highest Level of Education Completed

## ► 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.

[\[1\]](#) Using CEDS elements, this Connection will measure the percentage of high school graduates who enroll in a postsecondary institution by October 31 following their high school graduation.

This metric is a measurement for a key indicator, "Postsecondary enrollment directly after high school graduation," and measures how many high school graduates enroll in a postsecondary institution by October 31 following their high school graduation."

[\[1\]](#) Education-to-Workforce Indicator Framework, Chapter II. Indicators and metrics ([https://educationtoworkforce.org/sites/default/files/2023-04/E-W-Indicator-Framework\\_ChapterII\\_Indicators-and-metrics.pdf](https://educationtoworkforce.org/sites/default/files/2023-04/E-W-Indicator-Framework_ChapterII_Indicators-and-metrics.pdf))

### Calculating a Response

**Metric:** *Percentage of high school graduates who enroll in a postsecondary institution by October 31 following their high school graduation.*

Use the following CEDS element to determine the school year for which the data will be measured:

- **School Year** = most recent school year, 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 **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 Identification System** = SEA
- is associated with a K12 school through the School Identifier where School Identification System = SEA, and where **School Level** = 02402 (High school)
- and where **School Year** is the school year being reported

From the universe of students, identify the total number of students who graduated high school within the school year being reported:

- Filter students where **Diploma or Credential Award Date** is within the school year being reported, and
- **High School Diploma Type** is not like 00813 (Certificate of attendance), 00814 (Certificate of completion), 00818 (Post graduate certificate (grade 13)), 00819 (Career and technical graduation certificate). If your school does not count General Education Development (GED) in your high school graduation, then also exclude 00816 (General Educational Development (GED) credential)

Of those who graduated, identify the number of students who enrolled in a postsecondary institution by the fall after graduation:

- Filter records where **Diploma or Credential Award Date** = **Entry Date into Postsecondary** and **Entry Date into Postsecondary** = October 31 of the same calendar year.

For example, if **School Year** = 2022-23, pull all students where **Diploma or Credential Award Date** occurs within the 22-23 school year. Then, filter the cohort for those whose **Entry Date into Postsecondary** = October 31, 2023.

To calculate the percentage of high school graduates who enrolled in a Postsecondary institution on or before October 31:

- Count the number of students who graduated
- Count the number of graduates who enrolled in a postsecondary institution
- Divide the number of graduates who enrolled in a postsecondary institution by the total number of graduates 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 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 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 any 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 all 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 Urbanicity.

- **Rural Residency Status** = Yes (indicating Rural) or No (indicating Urban)

### 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 First Generation College Student

Use the following CEDS element to disaggregate the final set of students by First Generation College Student:

- **First Generation College Student** = Yes or No

### 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** ≤ the school year being reported
- **Program Participation Exit Date** ≥ the school year being reported

### 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 K12 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 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 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** = Juvenile Justice Referral, Law enforcement referral, or 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 Income Level

Use the following CEDS elements to disaggregate the final set of students by Income Level:

- **Eligibility Status for School Food Service Programs** = Free, Full price, Reduced price, Other
- **Low-income Status** = Yes, or No

### ▶ 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

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Status: Shared with All