

Connection Title: Enrollment in graduate education: Percentage of bachelor's degree recipients enrolling in post-baccalaureate or graduate programs within one to five years of completion.

Selected Descriptors:

Curriculum Organization->Curriculum
Educational Levels, Degrees, and Organizations->Postsecondary Education
Education-to-Workforce (E-W) Indicator Framework ->EQ19: Acquiring credentials of value for workforce success

Author: Education-to-Workforce Framework Collaborators Group

Location: Other Organization

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 bachelor's degree recipients enrolling in post-baccalaureate or graduate programs within one to five years of completion 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 -> Academic Record -> Academic Award Date
C. Postsecondary -> PS Student -> Academic Record -> Academic Award Level Conferred
D. Postsecondary -> PS Student -> Identity -> Student Identification System
E. Postsecondary -> PS Student -> Identity -> Student Identifier
F. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Entry Date
G. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Exit Date
H. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment in Postsecondary Award Type
I. Postsecondary -> PS Student -> Institution Enrollment -> Student Level
J. Postsecondary -> PS Student -> Term Enrollment -> Academic Term Designator
K. Postsecondary -> PS Student -> Term Enrollment -> Academic Year Designator

Elements Not Currently in CEDS:

Disaggregates

CEDS Elements:

A. Adult Education -> AE Student -> Status -> Dislocated Worker Status
B. Adult Education -> AE Student -> Status -> Low-income Status
C. K12 -> K12 Student -> Discipline -> Disciplinary Action End Date
D. K12 -> K12 Student -> Discipline -> Disciplinary Action Start Date
E. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken
F. K12 -> K12 Student -> English Learner -> English Learner Status
G. K12 -> K12 Student -> English Learner -> Program Participation Exit Date
H. K12 -> K12 Student -> English Learner -> Program Participation Start Date
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 -> Disability -> Disability Status
P. Postsecondary -> PS Student -> Disability -> Section 504 Status
Q. Postsecondary -> PS Student -> Homeless -> Homelessness Status
R. Postsecondary -> PS Student -> Homeless -> Status End Date
S. Postsecondary -> PS Student -> Homeless -> Status Start Date
T. Postsecondary -> PS Student -> Institution Enrollment -> Classification of Instructional Program Code
U. Postsecondary -> PS Student -> Institution Enrollment -> Degree or Certificate Seeking Student
V. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Entry Date
W. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Exit Date

Elements Not Currently in CEDS:

X. Postsecondary -> PS Student -> Institution Enrollment -> Entry Date into Postsecondary
Y. Postsecondary -> PS Student -> Institution Enrollment -> First Time Postsecondary Student
Z. Postsecondary -> PS Student -> Language -> ISO 639-3 Language Code
AA. Postsecondary -> PS Student -> Language -> Language Type
AB. Postsecondary -> PS Student -> Status -> Military Connected Student Indicator
AC. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Status
AD. 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 strongly associated with individuals achieving economic mobility and security.

This metric is a measurement for a key indicator, "Enrollment in graduate education," which defines students enrolling in a graduate education program after completing an undergraduate degree.

Calculating a Response

Use the following CEDS elements to determine the academic year:

- ***Academic Year Designator*** representing July 1 through June 30
- ***Academic Term Designator*** is within the academic year being reported

Use the following CEDS elements to determine the number of students that received a bachelor's degree:

- 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 postsecondary school through the ***Office of Postsecondary Education Identifier***, and where
- ***Academic Award Date*** is within the academic year being reported. Note that data should look forward at least five years for this metric ***Academic Award Level Conferred*** = 05 (Bachelor's degree)
 - Example: if you are looking at bachelor degree recipients for 2019-20, you will look for graduate program enrollment in 2020-21 through 2024-25
- ***Student Level*** = Graduate

From the students who received a bachelor's degree, pull students who enrolled in a post-baccalaureate or graduate program within one to five years of completion using the following CEDS elements:

- ***Enrollment in Postsecondary Award Type*** =
 - 06 (Postbaccalaureate Certificate) and/or
 - 07 (Master's Degree), and/or
 - 17 (Doctor's Degree-Research/Scholarship)
 - 18 (Doctor's Degree-Professional Practice)
 - 19 (Doctor's Degree-Other)
- ***Enrollment Entry Date*** is 1 to 5 years after the ***Academic Award Date***
 - Example: if you are looking at bachelor degree recipients from 2019-20, you will look for graduate program enrollment in 2020-21 through 2024-25.
- ***Enrollment Exit Date*** is null or > ***Enrollment Entry Date***

To calculate the percentage of bachelor's degree recipients who enrolled in a post-baccalaureate or graduate program within one to five years of completion:

- Count the number of bachelor's degree recipients awarded during the academic year being reported.
- Count the number of students enrolled in a post-baccalaureate or graduate program within 1-5 years after award.
- Divide the total number of students enrolled in a post-baccalaureate or graduate program within 1-5 years by the total number of bachelor's degree recipients, 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 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 Disability Status

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

Students with a Disability

- ***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(s) 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.**

- ***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** = 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 Attendance Intensity

Use the following CEDS element(s) 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 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** = 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(s) to disaggregate the final set of students by first generation college student:

- **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/>)

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