

Connection Title: Graduate degree completion: Percentage of graduate students completing a graduate degree within 150 percent of their current program's length.

Selected Descriptors:

Students, Teachers, School Personnel->College Graduates
 Students, Teachers, School Personnel->College Students
 Curriculum Organization->Curriculum
 Students, Teachers, School Personnel->Graduate Students
 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: More Than One State

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

Description of CEDS Connection:

This Connection identifies the CEDS elements needed to measure the percentage of graduate students completing a graduate degree within 150 percent of their current program's length. It also includes the analysis recommendations. This Connection supports the Education to Workforce Collaborators Group.

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 -> Course Section -> Course Level Type
 B. Postsecondary -> PS Institution -> Directory -> Office of Postsecondary Education Identifier
 C. Postsecondary -> PS Student -> Demographic -> Cohort Graduation Year
 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 -> Entry Date into Postsecondary
 J. Postsecondary -> PS Student -> Institution Enrollment -> First Time Postsecondary Student
 K. Postsecondary -> PS Student -> Term Enrollment -> Academic Term Designator
 L. Postsecondary -> PS Student -> Term Enrollment -> Academic Year Designator
 M. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Status

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. K12 -> K12 Student -> Homeless -> Homeless Served Indicator
 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 -> Demographic -> Birthdate
 M. Postsecondary -> PS Student -> Disability -> Disability Status
 N. Postsecondary -> PS Student -> Disability -> Section 504 Status
 O. Postsecondary -> PS Student -> Homeless -> Homelessness Status
 P. Postsecondary -> PS Student -> Homeless -> Status End Date
 Q. Postsecondary -> PS Student -> Homeless -> Status Start Date
 R. Postsecondary -> PS Student -> Institution Enrollment -> Classification of Instructional Program Code
 S. Postsecondary -> PS Student -> Institution Enrollment -> Degree or Certificate Seeking Student
 T. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Entry Date

Elements Not Currently in CEDS:

U. Postsecondary -> PS Student -> Institution Enrollment -> Enrollment Exit Date
V. Postsecondary -> PS Student -> Institution Enrollment -> Entry Date into Postsecondary
W. Postsecondary -> PS Student -> Institution Enrollment -> First Time Postsecondary Student
X. Postsecondary -> PS Student -> Language -> ISO 639-3 Language Code
Y. Postsecondary -> PS Student -> Language -> Language Type
Z. Postsecondary -> PS Student -> Status -> Military Connected Student Indicator
AA. Postsecondary -> PS Student -> Term Enrollment -> Postsecondary Enrollment Status
AB. 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, “Graduate degree completion,” and students complete a graduate degree (master’s degree or higher) within a specified time frame after entering graduate school.

Calculating a Response

Percentage of graduate students completing a graduate degree within 150 percent of their current program’s length. Other time frames, such as 100 percent and 200 percent of program length, should also be reported for this measure.

Use the following CEDS elements to determine the school years.

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

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, 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 are enrolled in a certificate or associate’s program and transferred to a longer degree program, using the following CEDS elements.

- ***Degree or Certificate Seeking Student*** = Yes, and
- ***Enrollment in Postsecondary Award*** = Master’s Degree, Post-Master’s Degree, Doctor’s Degree-Research/Scholarship, Doctor’s Degree-Professional Practice, Doctor’s Degree-Other
- ***Enrollment Entry Date*** is ≥ July 1 of the school 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 who are completing a graduate degree within 100 percent of their current program’s intended 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 who are completing a graduate degree within 150 percent of their current program’s intended 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 who are completing a graduate degree within 200 percent of their current program’s intended 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 calculate the percentage of students:

- Divide the number of students who are completing a graduate degree within 100 percent of the program’s intended length by the total number of students in the cohort. Multiply by 100.
- Divide the number of students who are completing a graduate degree within 150 percent of the program’s intended length by the total number of students in the cohort. Multiply by 100.
- Divide the number of students who are completing a graduate degree within 200 percent of the program’s intended 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 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 elements 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; and

- **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** = (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(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 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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