CEDS Connect

Connection Title: High school graduation: Adjusted cohort graduation rate (the percentage of first-time 9th graders who graduate with a regular diploma within four, five, and six years of entering high school, regardless of whether they transferred schools).

Selected Descriptors:
Educational Process: School Perspectives->Graduation
Students, Teachers, School Personnel->High School Graduates
Students, Teachers, School Personnel->High School Students
Measurement->Adjusted Cohort Graduation Rate
Students, Teachers, School Personnel->Cohort
Students, Teachers, School Personnel->Cohort Graduation Rate
Education-to-Workforce (E-W) Indicator Framework ->EQ6: Access to quality school environments
Education-to-Workforce (E-W) Indicator Framework ->EQ14: High school graduation and post-graduation transition

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 first time 9th graders who graduate with a regular diploma within four, five, and six years of entering high school, regardless of whether they transferred schools 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 -> Identification -> School Identification System
C. K12 -> K12 School -> Identification -> School Identifier
D. K12 -> K12 Student -> Academic Record -> Diploma or Credential Award Date
E. K12 -> K12 Student -> Enrollment -> Cohort Year
F. K12 -> K12 Student -> Enrollment -> Enrollment Entry Date
G. K12 -> K12 Student -> Enrollment -> Enrollment Exit Date
H. K12 -> K12 Student -> Enrollment -> Entry Grade Level
I. K12 -> K12 Student -> Enrollment -> Exit or Withdrawal Type
J. K12 -> K12 Student -> Identity -> Student Identification System
K. K12 -> K12 Student -> Identity -> Student Identifier
L. K12 -> LEA -> Identification -> Local Education Agency Identification System
M. K12 -> LEA -> Identification -> Local Education Agency Identifier
N. K12 -> SEA -> Identification -> State Agency Identification System
O. K12 -> SEA -> Identification -> State Agency Identifier

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 -> 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 -> Homelessness Status
Y. K12 -> K12 Student -> Homeless -> Status End Date
Z. K12 -> K12 Student -> Homeless -> Status Start Date
AA. K12 -> K12 Student -> IDEA -> Program Participation Exit

Elements Not Currently in CEDS:

Date

AB. K12 -> K12 Student -> IDEA -> Program Participation Start Date

AC. K12 -> K12 Student -> Individualized Program -> Student Support Service Type

AD. K12 -> K12 Student -> Language -> ISO 639-3 Language Code

AE. K12 -> K12 Student -> Language -> Language Type

AF. K12 -> K12 Student -> Migrant -> Migrant Status

AG. K12 -> K12 Student -> Migrant -> Program Participation Exit Date

AH. K12 -> K12 Student -> Migrant -> Program Participation Start Date

AI. K12 -> K12 Student -> Program -> Program Participation Exit Date

AJ. K12 -> K12 Student -> Program -> Program Participation Start Date

AK. K12 -> K12 Student -> Program -> Program Participation Status

AL. K12 -> K12 Student -> Program -> Program Type

AM. K12 -> Parent/Guardian -> Education -> Highest Level of Education Completed

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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.

This metric is a measurement for a key indicator "High school graduation" and measures the percentage of first time 9th graders who graduate with a regular diploma within four, five, and six years of entering high school.

Calculating a Response

Use the following CEDS elements to determine the universe of students:
1. Pull all unique students which is determined by using a unique **_Student Identifier_** where **_Student Identification_** System = State
2. 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

From the universe of students, narrow the list to first time 9th graders using the following CEDS elements:
1. **_Cohort Year_** = the school year when the cohort entered 9th grade being reported, and
2. **_Entry Grade Level_** = 09, and
3. **_Enrollment Entry Date_** is ≥ July 1 of the Cohort Year selected, and
4. **_Enrollment Exit Date_** is ≤ June 30 of the Cohort Year selected

Using the following CEDS elements, narrow the list of 9th grade students to those that graduate with a regular diploma within four, five, and six years of entering high school, regardless of whether they transferred schools:
1. **_Exit or Withdrawal Type_** = 01921 (Graduated with regular, advanced, International Baccalaureate, or other type of diploma), and
2. **_Diploma or Credential Award Date_** = (Cohort Year = 4, 5 or 6 years).

Example Cohort Year = 2018. Count all students who earn a regular diploma with an Award Date of 2022, 2023, or 2024.

Disaggregate by Home Language

Use the following CEDS element(s) to Disaggregate the final set of students by Home Language:
1. **_Language Type_** = Home Language; and
2. **_ISO 639-3 Language Code_** ≠ Eng; and/or
3. **_English Learner Status_** = Yes

Disaggregate by Homelessness

Use the following CEDS element(s) to Disaggregate the final set of students by Homelessness:
1. **_Homelessness Status_** = Yes
2. **_Status Start Date_** ≤ July 1 of the school year being reported
3. **_Status End Date_** ≥ June 30 of the school year being reported

Disaggregate by Race and Ethnicity

Use the following CEDS element(s) to disaggregate the final set of students by Race:

1. Filter records where **_Hispanic or Latino Ethnicity_** = No
2. 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:

1. 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 element(s) to disaggregate the final set of students by Sex:

1. **_Sex_** = Male, Female, or Not Selected

Disaggregate by Disability Status

Use the following CEDS element(s) to disaggregate the final set of students by Disability Status:

Determine if there is a disability:

Students with a Disability: A student has a disability if <u>any</u> of the following are true:
1. ***Disability Status*** = Yes, and/or
   - ***Status Start Date*** ≤ July 1 of the school year being reported
   - ***Status End Date*** ≥ June 30 of the school year being reported
2. ***IDEA Indicator*** = Yes, and/or
   - ***Program Participation Start Date*** ≤ July 1 of the school year being reported
   - ***Program Participation Exit Date*** ≥ June 30 of the school year being reported
3. ***Section 504 Status*** = Yes
   - ***Status Start Date*** ≤ July 1 of the school year being reported
   - ***Status End Date*** ≥ June 30 of the school year being reported

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

Count, by Primary Disability Type, the number of students with a disability and the number of students without a disability.

For further analysis, disaggregate the students with a disability:
1. Filter records where:
   - ***IDEA Indicator*** = Yes, and
   - ***Program Participation Start Date*** ≤ July 1 of the school year being reported
   - ***Program Participation Exit Date*** ≥ June 30 of the school year being reported
2. 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:
1. ***Rural Residency Status*** = Yes (indicating Rural) or No (indicating Urban)

Disaggregate by Parental Education Level

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

Disaggregate by Migrant Family Household

Use the following CEDS element(s) to disaggregate the final set of students by migrant status:
1. ***Migrant Status*** = Yes, No
2. ***Program Participation Start Date*** ≤ July 1 of the school year being reported
3. ***Program Participation Exit Date*** ≥ June 30 of the school year being reported

Disaggregate by English Learner

Use the following CEDS element(s) to disaggregate the final set of students by English Learner:
1. ***English Learner Status*** = Yes, No
2. ***Program Participation Start Date*** ≤ July 1 of the school year being reported
3. ***Program Participation Exit Date*** ≥ June 30 of the school year being reported

Disaggregate by K12 School Type

Use the following CEDS element(s) to disaggregate the final set of students by K12 School Type:
1. ***Charter School Type*** = School Charter or College University or NA; and
2. ***School Type*** = Regular, Special, Career and Technical, Alternative or Reportable
3. ***Administrative Funding Control*** = Public School, Private School, or Other
4. ***Organization Type*** = K12 School, Education Institution

Disaggregate by Income Level

Use the following CEDS element(s) to disaggregate the final set of students by income level:
1. ***Eligibility Status for School Food Service Programs*** = Free*,* Full price, Reduced price, Other
2. ***Low-income status*** = Yes, or No

Disaggregate by Individuals or Family Military Status

Use the following CEDS element(s) to disaggregate the final set of students by individuals or family military status:
1. ***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 element(s) to disaggregate the final set of students by individual with current of past child welfare involvement:
1. ***Program Type*** = 75000 (Foster Care)
2. ***Student Support Service Type*** = 00295 (Children's protective services)
3. ***Program Participation Start Date*** ≤ July 1 of the school year being reported
4. ***Program Participation Exit Date*** ≥ June 30 of the school year being reported

Disaggregate by Justice Involvement

Use the following CEDS element(s) to disaggregate the final set of students by justice involvement:
1. ***Disciplinary Action Taken*** = Juvenile Justice Referral, Law enforcement referral, or Placed in juvenile detention center
2. ***Disciplinary Action Start Date*** ≤ July 1 of the school year being reported
3. ***Disciplinary Action End Date*** ≥ June 30 of the school year being reported

▶ **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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