CEDS Connect

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 state expenditures per every pre-k child enrolled. 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. Early Learning -> Early Learning Child -> Enrollment -> Enrollment Entry Date
B. Early Learning -> Early Learning Child -> Enrollment -> Enrollment Exit Date
C. Early Learning -> Early Learning Child -> Identity -> Child Identification System
D. Early Learning -> Early Learning Child -> Identity -> Child Identifier
E. Early Learning -> Early Learning Child -> Program -> Early Childhood Program Enrollment Type
F. Early Learning -> Early Learning Organization -> Finance -> Financial Account Category
G. Early Learning -> Early Learning Organization -> Finance -> Financial Accounting Period Actual Value
H. Early Learning -> Early Learning Organization -> Finance -> Financial Expenditure Level of Instruction Code
I. Early Learning -> Early Learning Organization -> Finance -> Financial Expenditure Project Reporting Code
J. Early Learning -> Early Learning Organization -> Finance -> Fiscal Period Begin Date
K. Early Learning -> Early Learning Organization -> Finance -> Fiscal Period End Date
L. Early Learning -> Early Learning Organization -> Identification -> Local Education Agency Identification System
M. Early Learning -> Early Learning Organization -> Identification -> Local Education Agency Identifier
N. Early Learning -> Early Learning Organization -> Identification -> Organization Identification System
O. Early Learning -> Early Learning Organization -> Identification -> Organization Identifier
P. Early Learning -> Early Learning Organization -> Identification -> School Identification System
Q. Early Learning -> Early Learning Organization -> Identification -> School Identifier
R. Early Learning -> Early Learning Organization -> Identification -> State Agency Identification System
S. Early Learning -> Early Learning Organization -> Identification -> State Agency Identifier
T. Early Learning -> Early Learning Organization -> Organization Information -> Early Childhood Program Enrollment Type
U. Early Learning -> Early Learning Organization -> Organization Information -> Early Learning Program Year

Elements Not Currently in CEDS:

Disaggregate elements

CEDS Elements:

A. Early Learning -> Early Learning Child -> Demographic -> Birthdate
B. Early Learning -> Early Learning Child -> Demographic -> Hispanic or Latino Ethnicity
C. Early Learning -> Early Learning Child -> Demographic -> Homelessness Status
D. Early Learning -> Early Learning Child -> Demographic -> Migrant Status
E. Early Learning -> Early Learning Child -> Demographic -> Military Connected Student Indicator
F. Early Learning -> Early Learning Child -> Demographic -> Race
G. Early Learning -> Early Learning Child -> Demographic -> Sex
H. Early Learning -> Early Learning Child -> Disability -> Disability Status
I. Early Learning -> Early Learning Child -> Disability -> IDEA Indicator
J. Early Learning -> Early Learning Child -> Disability -> Primary Disability Type
K. Early Learning -> Early Learning Child -> Disability -> Section 504 Status
L. Early Learning -> Early Learning Child -> English Learner -> English Learner Status

Elements Not Currently in CEDS:

M. Early Learning -> Early Learning Child -> Enrollment -> Number of Days Absent
N. Early Learning -> Early Learning Child -> Enrollment -> Number of Days in Attendance
O. Early Learning -> Early Learning Child -> Individualized Program -> Student Support Service Type
P. Early Learning -> Early Learning Child -> Language -> ISO 639-3 Language Code
Q. Early Learning -> Early Learning Child -> Language -> Language Type
R. Early Learning -> Early Learning Child -> Program -> Program Participation Exit Date
S. Early Learning -> Early Learning Child -> Program -> Program Participation Start Date
T. Early Learning -> Early Learning Family -> Family/Household Information -> Family Income
U. Early Learning -> Early Learning Organization -> Organization Information -> Early Childhood Program Enrollment Type
V. Early Learning -> Parent/Guardian -> Education -> Highest Level of Education Completed
W. K12 -> K12 Student -> Homeless -> Homeless Serviced Indicator

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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 "E-W system conditions" which pertain to institutional or systemic environments, policies, and practices within E-W systems that support positive E-W outcomes.

This metric (*Pre-K: State expenditures per child enrolled),* is a measurement for a key indicator, "*Expenditures per Student*," and measures state expenditures per every pre-k child enrolled.

Calculating a Response

Expenditures Per Student - Pre-K: State expenditures per child enrolled

Use the following CEDS elements to identify the school year:
- ***Early Learning Program Year*** = *most recent school year, representing July 1 through June 30*

Use the following CEDS elements to determine the universe of Pre-K Schools and Children:
- Pull all unique schools which is determined by using a unique ***School Identifier*** where ***School Identification System*** = *SEA*
- Pull all unique students which is determined by using a unique ***Child Identifier*** where ***Child Identification System*** = SEA

Where the Pre-K School and Child:
- is associated with a State Education Agency through the ***State Agency Identifier*** where ***State Agency Identification System*** = SEA*, or* ***Organization Identifier*** where ***Organization 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 Pre-K school through the ***School Identifier*** where ***School Identification System*** = SEA

From the universe of Pre-K schools, identify the total expenditures for each:
- ***Financial Expenditure Level of Instruction Code*** = Prekindergarten
- ***Financial Account Category*** = Expenditures
- ***Financial Expenditure Project Reporting Code*** = 200-399 (State Projects)
- ***Financial Accounting Period Actual Value*** is NOT NULL
- ***Fiscal Period Begin Date*** is ≥ July 1 of the school being reported,
- ***Fiscal Period End Date*** is ≤ June 30 of the school year being reported.

From the universe of children, narrow the list to those enrolled in the most recent school year, using the following CEDS elements:
- ***Enrollment Entry Date*** is ≥ July 1 of the school being reported, and
- ***Enrollment Exit Date*** is ≤ June 30 of the school year being reported, or null.

Calculation Instructions:
- Determine the total expenditures value based on the reporting codes 200-399.
- Count the number of grade Pre-K students who are currently enrolled.
- Divide the total current expenditures by the total Pre-K enrolled children.

Disaggregate by Home Language

Use the following CEDS elements to disaggregate the final set of 3- and 4-year olds 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 3- and 4-year olds 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 3- and 4-year olds by Sex:
- ***Sex*** = Male, Female, or Not Selected

Disaggregate by Disability Status

Use the following CEDS elements to disaggregate the final set of 3- and 4-year olds 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 3- and 4-year olds by Urbancity.
- **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 3- and 4-year olds 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 Student from Migrant Family Household

Use the following CEDS elements to disaggregate the final set of 3- and 4-year olds 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 3- and 4-year olds 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 3- and 4-year olds by Attendance Intensity:
- **Pre-Kindergarten Daily Length** = Full-day; Part-day; Not provided

Disaggregate by Age Group

Use the following CEDS element to disaggregate the final set of 3- and 4-year olds 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 3- and 4-year olds by income level:
- **Low-income status** = Yes or No

Disaggregate by Individual or Family Military Status

Use the following CEDS elements to disaggregate the final set of 3- and 4-year olds 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 3- and 4-year olds 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 Homelessness

Use the following CEDS elements to disaggregate the final set of 3- and 4-year olds 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

▶ **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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