

Connection Title: Enrollment in public pre-K: Percentage of eligible 3- and 4-year olds enrolled in public pre-K

Selected Descriptors:

Curriculum Organization->Curriculum
Individual Development and Characteristics->Preschool Children
Education-to-Workforce (E-W) Indicator Framework ->EQ2: Enrollment in quality, full-day pre-K programs

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 eligible 3- and 4-year olds enrolled in public pre-K 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. Early Learning -> Early Learning Child -> Demographic -> Birthdate
B. Early Learning -> Early Learning Child -> Identity -> Child Identification System
C. Early Learning -> Early Learning Child -> Identity -> Child Identifier
D. Early Learning -> Early Learning Child -> Program -> Early Childhood Program Enrollment Type
E. Early Learning -> Early Learning Organization -> Identification -> Local Education Agency Identification System
F. Early Learning -> Early Learning Organization -> Identification -> Local Education Agency Identifier
G. Early Learning -> Early Learning Organization -> Identification -> Organization Identification System
H. Early Learning -> Early Learning Organization -> Identification -> Organization Identifier
I. Early Learning -> Early Learning Organization -> Identification -> School Identification System
J. Early Learning -> Early Learning Organization -> Identification -> School Identifier
K. Early Learning -> Early Learning Organization -> Identification -> State Agency Identification System
L. Early Learning -> Early Learning Organization -> Identification -> State Agency Identifier
M. Early Learning -> Early Learning Organization -> Organization Information -> Early Childhood Program Enrollment Type
N. 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
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 ->

Elements Not Currently in CEDS:

A. Status End Date (for Disability Status, Migrant Status, Homeless Status - EL Domain)
B. Status Start Date (for Disability Status, Migrant Status, Homeless Status - EL domain)

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 Served
Indicator

Analysis Recommendations

General Connection Information

CEDS elements are shown in ***bold/italized*** 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, "Enrollment in public pre-K," and measures whether eligible 3 and 4 year olds are enrolled in public pre-K.

Calculating a Response

Percentage of eligible 3 and 4 year olds enrolled in public pre-K

Use the following CEDS elements to determine the year to be reported:

- ***Early Learning Program Year*** = most recent early learning program year, representing July 1 through June 30

Use the following CEDS elements to determine the universe of children:

- Pull all unique children which is determined by using a unique ***Child Identifier*** where ***Child Identification System*** = State
- Where the child:
 - is associated with a ***State Education Agency*** through the ***State Education Agency System*** = State
 - is associated with a ***Local Education Agency*** through the ***Local Education Agency Identification System*** = SEA
 - is associated with a is associated with a K12 school through the ***School Identifier*** where ***School Identification System*** = SEA or is associated with an organization through the ***Organization Identifier*** where ***Organization Identification System*** = SEA. (If your state's early learning systems are not associated with public schools, use Organization Identifier.) *(NOTE: If your state does not use a state-issued identifier for the child, apply whatever matching algorithm is used to link early childhood data to K12 data.)*

Identify children who are 3- and 4-years old in *year x* and compare them to the children that were in an Early HeadStart program the year prior to *year x* (for 3 year olds) or two years prior to *year x* (for 4 year olds).

From the universe of children, narrow the list to 3- and 4-year olds using the following CEDS elements:

3-year olds in public pre-K

- where ***Early Learning Program Year*** = 3 years after the Birthdate, and
- where ***Early Childhood Program Enrollment Type*** = Public pre-K or HeadStart

Eligible 3-year olds

- where ***Early Learning Program Year*** = Early Learning Program Year -1
- where ***Early Childhood Program Enrollment Type*** = Early HeadStart

4-year olds in public pre-K

- where ***Early Learning Program Year*** = 4 years after the Birthdate, and
- where ***Early Childhood Program Enrollment Type*** = Public pre-K or HeadStart

Eligible 4-year olds

- where ***Early Learning Program Year*** = Early Learning Program Year -2
- where ***Early Childhood Program Enrollment Type*** = Early HeadStart

Then,

- Add the number of 3- and 4-year olds that are enrolled in public pre-K
- Add the number of eligible 3-year olds and 4-year olds
- Divide the number of 3- and 4-year olds that are enrolled in public pre-K by the total number of 3- and 4-year olds, 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 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 Student from 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 Attendance Intensity

Use the following CEDS element to disaggregate the final set of students 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 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 Individual 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 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

► 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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