

Connection Title: 9th grade on track: Percentage of students in grade 9 with a GPA of 3.0 or higher, no Ds or Fs in English language arts or math, attendance of 96 percent or higher, and no in- or out-of-school suspensions or expulsions

Selected Descriptors:

Educational Process: School Perspectives->Attendance
Educational Process: School Perspectives->Attendance Patterns
Curriculum Organization->Curriculum
Educational Process: Societal Perspectives->Discipline
Educational Process: Societal Perspectives->Expulsion
Educational Levels, Degrees, and Organizations->Grade 9
Educational Levels, Degrees, and Organizations->Junior High Schools
Educational Levels, Degrees, and Organizations->Middle Schools
Educational Process: Societal Perspectives->Suspension

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 students in grade 9 with a GPA of 3.0 or higher, no Ds or Fs in English language arts or math, attendance of 96 percent or higher, and no in- or out-of-school suspensions or expulsions 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 -> Course Section -> Enrollment -> Grade Value Qualifier
B. K12 -> Course Section -> Enrollment -> Student Course Section Grade Earned
C. K12 -> K12 Course -> School Courses for the Exchange of Data Course Code
D. K12 -> K12 Course -> School Courses for the Exchange of Data Course Subject Area
E. K12 -> K12 School -> Identification -> School Identification System
F. K12 -> K12 School -> Identification -> School Identifier
G. K12 -> K12 School -> Session -> School Year
H. K12 -> K12 Student -> Academic Record -> Grade Point Average Given Session
I. K12 -> K12 Student -> Attendance -> Chronic Student Absenteeism Indicator
J. K12 -> K12 Student -> Attendance -> Student Attendance Rate
K. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken
L. K12 -> K12 Student -> Enrollment -> Enrollment Entry Date
M. K12 -> K12 Student -> Enrollment -> Enrollment Exit Date
N. K12 -> K12 Student -> Enrollment -> Entry Grade Level
O. K12 -> K12 Student -> Identity -> Student Identification System
P. K12 -> K12 Student -> Identity -> Student Identifier
Q. K12 -> LEA -> Identification -> Local Education Agency Identification System
R. K12 -> LEA -> Identification -> Local Education Agency Identifier
S. K12 -> SEA -> Identification -> State Agency Identification System
T. 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 -> Birthdate
G. K12 -> K12 Student -> Demographic -> Hispanic or Latino Ethnicity
H. K12 -> K12 Student -> Demographic -> Military Connected Student Indicator
I. K12 -> K12 Student -> Demographic -> Race
J. K12 -> K12 Student -> Demographic -> Rural Residency Status
K. K12 -> K12 Student -> Demographic -> Sex
L. K12 -> K12 Student -> Disability -> Disability Status
M. K12 -> K12 Student -> Disability -> IDEA Indicator
N. K12 -> K12 Student -> Disability -> Primary Disability Type
O. K12 -> K12 Student -> Disability -> Section 504 Status
P. K12 -> K12 Student -> Disability -> Status End Date
Q. K12 -> K12 Student -> Disability -> Status Start Date
R. K12 -> K12 Student -> Discipline -> Disciplinary Action End Date
S. K12 -> K12 Student -> Discipline -> Disciplinary Action Start Date

Elements Not Currently in CEDS:

T. K12 -> K12 Student -> Discipline -> Disciplinary Action Taken
 U. K12 -> K12 Student -> Economically Disadvantaged ->
 Eligibility Status for School Food Service Programs
 V. K12 -> K12 Student -> English Learner -> English Learner
 Status
 W. K12 -> K12 Student -> English Learner -> Program
 Participation Exit Date
 X. K12 -> K12 Student -> English Learner -> Program
 Participation Start Date
 Y. K12 -> K12 Student -> Homeless -> Homeless Serviced
 Indicator
 Z. K12 -> K12 Student -> Homeless -> Homelessness Status
 AA. K12 -> K12 Student -> Homeless -> Status End Date
 AB. K12 -> K12 Student -> Homeless -> Status Start Date
 AC. K12 -> K12 Student -> IDEA -> Program Participation Exit
 Date
 AD. K12 -> K12 Student -> IDEA -> Program Participation Start
 Date
 AE. K12 -> K12 Student -> Individualized Program -> Student
 Support Service Type
 AF. K12 -> K12 Student -> Language -> ISO 639-3 Language
 Code
 AG. K12 -> K12 Student -> Language -> Language Type
 AH. K12 -> K12 Student -> Migrant -> Migrant Status
 AI. K12 -> K12 Student -> Migrant -> Program Participation Exit
 Date
 AJ. K12 -> K12 Student -> Migrant -> Program Participation Start
 Date
 AK. K12 -> K12 Student -> Program -> Program Participation
 Exit Date
 AL. K12 -> K12 Student -> Program -> Program Participation
 Start Date
 AM. K12 -> K12 Student -> Program -> Program Participation
 Status
 AN. K12 -> K12 Student -> Program -> Program Type
 AO. K12 -> Parent/Guardian -> Education -> Highest Level of
 Education Completed

► 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 "9th Grade on Track" and measures whether students in grade 9 are on track to graduate high school in four years, enroll in postsecondary education, and succeed in their first year of postsecondary education.

Calculating a Response

Metric: Percentage of students in grade 9 with a GPA of 3.0 or higher, no Ds or Fs in English language arts or math, attendance of 96 percent or higher, and no in- or out-of-school suspensions or expulsions.

Use the following CEDS elements to determine the school year for which the data will be measured.

1. ***School Year*** = most recent school year, representing July 1 through June 30

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 the ***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 9th graders using the following CEDS elements:

1. ***Entry Grade Level*** = 09, and
2. ***Enrollment Entry Date*** ≥ July 1 of the school year being reported, and
3. ***Enrollment Exit Date*** ≤ June 30 of the school year being reported

Count the number of students that have a grade point average of 3.0 or higher:

1. Filter records where ***Grade Point Average Given Session*** ≥ 3.0

Count the number of students that have a grade point average of less than 3.0:

1. Filter records where ***Grade Point Average Given Session*** < 3.0

Identify which students have passing grades in Math:

1. Filter records where ***School Courses for the Exchange of Data Course Subject Area*** = 02 (Mathematics), and
2. ***School Courses for the Exchange of Data Course Code*** is not null, and
3. ***Student Course Section Grade Earned*** is not null, and
4. ***Grade Value Qualifier*** = A, B or C

Identify which students have passing grades in reading/English language arts:

1. Filter records where ***School Courses for the Exchange of Data Course Subject Area*** = 01 (English Language and Literature), and
2. ***School Courses for the Exchange of Data Course Code*** is not null, and
3. ***Student Course Section Grade Earned*** is not null, and
4. ***Grade Value Qualifier*** = A, B, or C

Identify which students have an attendance record of 96% or higher:

1. ***Student Attendance Rate*** ≥ .96
2. ***Chronic Student Absenteeism Indicator*** = No

Identify which students have no records of either in/out of school suspensions or expulsions:

1. Filter records where ***Disciplinary Action Taken*** ≠ Expulsion with services
2. Filter records where ***Disciplinary Action Taken*** ≠ Expulsion without services
3. Filter records where ***Disciplinary Action Taken*** ≠ Suspension after school
4. Filter records where ***Disciplinary Action Taken*** ≠ Suspension, in-school
5. Filter records where ***Disciplinary Action Taken*** ≠ Suspension, out-of-school, greater than 10 consecutive school days
6. Filter records where ***Disciplinary Action Taken*** ≠ Suspension, out-of-school, separate days culminating to more than 10 school days

7. Filter records where **Disciplinary Action Taken** ≠ Suspension, out-of-school, without services
8. Filter records where **Disciplinary Action Taken** ≠ Suspension, out-of-school, with services

Divide the number of students with a GPA of 3.0 or higher by the total number of students. Multiply the results by 100.

Disaggregate by Home Language

Use the following **CEDS** elements 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 elements to disaggregate the final set of students by homelessness:

1. **Homelessness Status** = Yes or No, and
2. **Status Start Date** ≤ July 1 of the school year being reported, and
3. **Status End Date** ≥ June 30 of the school year being reported or is null

Disaggregate by Race and Ethnicity

Use the following CEDS elements 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 to disaggregate the final set of students by sex:

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

Disaggregate by Disability Status

Use the following CEDS elements to disaggregate the final set of data by disability status:

A. Determine if there is a disability

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

B. 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:

1. Filter records where:
 - **IDEA Indicator** = Yes, and
 - **Program Participation Start Date** ≤ July 1 of the school year being reported, and
 - **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 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 Student From Migrant Family Household

Use the following CEDS elements to disaggregate the final set of students by migrant status:

1. **Migrant Status** = Yes or No
2. **Program Participation Start Date** ≤ July 1 of the school year being reported, and
3. **Program Participation Exit Date** ≥ June 30 of the school year being reported

Disaggregate by English Learner

Use the following CEDS elements to disaggregate the final set of students by English learner:

1. **English Learner Status** = Yes or No
2. **Program Participation Start Date** ≤ July 1 of the school year being reported, and
3. **Program Participation Exit Date** ≥ June 30 of the school year being reported

Disaggregate by K12 School Type

Use the following CEDS elements 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 Education School, or Other
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 elements to disaggregate the final set of students by income level:

1. **Eligibility Status for School Food Service Programs** = Free, Full Price, Reduced Price, or Other
2. **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:

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 elements to disaggregate the final set of students by individual with current or past child welfare involvement:

1. **Program Type** = Foster Care
2. **Student Support Service Type** = Children's protective services, and
3. **Program Participation Start Date** ≤ July 1 of the school year being reported, and
4. **Program Participation Exit Date** ≥ June 30 of the school year being reported

Disaggregate by Justice Involvement

Use the following CEDS elements 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, or is null

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

Community Feedback

Average Overall Rating:

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