

**Connection Title:** Access to early college coursework: Number of AP, IB, and dual enrollment courses offered, overall and by subject

**Selected Descriptors:**

Curriculum Organization->Advanced Courses  
Educational Process: Societal Perspectives->College Preparation  
Curriculum Organization->Courses  
Curriculum Organization->Curriculum  
Education-to-Workforce (E-W) Indicator Framework ->EQ12: Access and completion of rigorous and accelerated college preparatory coursework

**Author:** Education-to-Workforce Indicator 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 number of AP, IB, and dual enrollment courses offered, overall and by subject. The recommended analysis criteria are also included. 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 -> Course Section -> Course Level Type  
C. K12 -> Course Section -> Session Type  
D. K12 -> K12 Course -> Advanced Placement Course Code  
E. K12 -> K12 Course -> Course Begin Date  
F. K12 -> K12 Course -> Course End Date  
G. K12 -> K12 Course -> Course Identifier  
H. K12 -> K12 Course -> Course Level Characteristic  
I. K12 -> K12 Course -> School Courses for the Exchange of Data Course Subject Area  
J. K12 -> K12 School -> Identification -> School Identification System  
K. K12 -> K12 School -> Identification -> School Identifier  
L. K12 -> K12 Student -> Identity -> Student Identification System  
M. K12 -> K12 Student -> Identity -> Student Identifier  
N. K12 -> LEA -> Identification -> Local Education Agency Identification System  
O. K12 -> LEA -> Identification -> Local Education Agency Identifier  
P. K12 -> SEA -> Identification -> State Agency Identification System  
Q. K12 -> SEA -> Identification -> State Agency Identifier

**Elements Not Currently in CEDS:**

**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 key institutional or systemic environments, policies, and practices within E-W systems that support positive E-W outcomes.

**Calculating a Response**

**Metric:** Number of AP, IB, and dual enrollment courses offered, overall and by subject.

Use the following CEDS elements to identify the school year:

- ***School Year*** = the most recent school year or the school year being reported, representing July 1 through June 30.

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

- Pull all unique organizations, where the organization
- 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, and
- is associated with a K12 school through the ***School Identifier*** where ***School Identification System*** = SEA

From the universe of organizations, identify the organizations that offer AP, IB, and dual enrollment courses and count the number of courses that are offered for each organization.

- Pull the unique ***Course Identifier*** and/or ***Advanced Placement Course Code*** where
- ***Course Level Characteristic*** = 00574 (International Baccalaureate course), 00575 (Advanced placement course), 73048 (dual enrollment), or equivalent college level course, where
- ***Course Level Type*** = College Level, and where
- ***Course Begin Date*** and ***Course End Date*** are within the school year being reported.

Count the total number of AP, IB, and dual enrollment courses offered.

**NOTE:** If an instance of an AP, IB or dual credit course is taught during a specific term, use ***Course Section Identifier*** where ***Session Type*** = Semester to identify the course.

From the list of organizations that offer AP, IB, and dual enrollment courses, identify how many of the courses fall into each subject, using the following CEDS elements:

- Disaggregate by ***School Courses for the Exchange of Data Course Subject Area***

To calculate the percentage of organizations who offer AP, IB, and dual enrollment courses:

- Count the number of organizations who offer AP, IB, and dual enrollment courses.

- Count the total number of organizations
- Divide the number of organizations who offer AP, IB, and dual enrollment courses by the total number of organizations and multiply by 100.

To calculate the percentage of organizations who offer AP, IB, and dual enrollment courses by subject area:

- Count the number of organizations who offer AP, IB, and dual enrollment for the given subject area that you wish to measure
- Count the total number of organizations
- Divide the number of organizations who offer AP, IB, and dual enrollment for the given subject area that you wish to measure by the total number of organizations and multiply by 100.

► **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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Last Modified: 02/26/2025

Status: Shared with All