

2021 Spring Summit: *Building a Community of Practice*

MA Early College Program: Using Data to Inform Programming Resource List

Massachusetts Early College Dashboard



MASSACHUSETTS
Department of
Higher Education

Massachusetts Early College Dashboard Introduction Page:

Welcome to the Early College (EC) workbook of Data Dashboards. Each dashboard is on a separate tab, which can be clicked on to be viewed, similar to a Microsoft Excel tab. To the right of each dashboard are filters that enable the viewer to slice the data by fields, such as school year and grade level.

School year refers to the DESE fiscal year (i.e. fall 2018 and spring 2019 are 2019 school year), and grade level is the grade in which the student enrolled during the selected fiscal year.

Each dashboard has multiple indicators, or measures of interest—such as percent of students completing the FAFSA, percent of students completing MassCore, or percent of students graduating high school.

Indicators are presented for Early College participants compared against non-participants of the same grade from their school and a state comparison group of students with identical demographic information as EC participants. Students from the state comparison group do not attend the same school as EC participants.

The graph titles and axis labels should make it clear what the figures represent. Be mindful of filter selections when viewing the dashboards, as some measures will not appear under certain conditions (e.g. graduation rates for 2021 or FAFSA completion rates for 9th graders).

A couple of other points to note: FAFSA completion rates for 2021 are current as of January 1st and there may be instances where a high school course grade is not equivalent to the grade on the college transcript.

Massachusetts Department of Elementary and Secondary Education

<https://www.doe.mass.edu/SchDistrictData.html>

The Department collects a wide range of data to help improve teaching and learning in Massachusetts schools. The state also uses school and student data to inform our accountability system, which targets resources and assistance where they are needed most.

This section of our website includes school- and district-level data about student enrollment and achievement, educators, and district indicators such as per pupil spending. For district administrators, this section also includes links to Edwin Analytics to help analyze data and to the Early Warning Indicator System, which gives districts a chance to identify students for extra support before students fall further behind.

References in this document are for the information and convenience of the public and do not constitute endorsement or recommendation by the Massachusetts Department of Elementary and Secondary Education or the Department of Higher Education.

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Data Reports

(information about students, educators, spending, and more)

- [Dropout Rates](#)
- [Educator Evaluation Data](#)
- [Enrollment Data](#)
- [Enrollment in Institutions of Higher Education](#)
- [Grade Retention Reports](#)
- [Graduation Rates](#)
- [MCAS Results](#)
- [Mobility Rates](#)
- [Per Pupil Expenditure Reports](#)
- [Plans of High School Graduates](#)
- [Student Growth Percentile](#)
- [Other DESE Data Collections](#)

Data Tools

(used to sort, filter, and display data)

- [School/District Profiles \(includes a "Schools Near Me" search by location\)](#)
- [District Analysis, Review and Assistance Tools \(DARTs\)](#)
- [Edwin Analytics \(formerly the Education Data Warehouse\)](#)

Data Resources

(used by districts to interpret and understand the data)

- [District Data Team Toolkit](#)
- [Early Warning Indicator System \(EWIS\)](#)
- [Progress and Performance Index \(PPI\)](#)

Massachusetts Department of Higher Education

<https://www.mass.edu/datacenter/home/home.asp>

The DHE, collaborating with the Executive Office of Education and the Commonwealth's public colleges and universities, is engaged in a wide-ranging effort to modernize data and analytics systems, and improve analytic capabilities.

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Handbook on Measuring Equity in Education

The new [Handbook on Measuring Equity in Education](#), produced by the UNESCO Institute for Statistics (UIS), the [FHI 360 Education Policy Data Centre](#), [Oxford Policy Management](#) and the Research for Equitable Access and Learning (REAL) Centre at the University of Cambridge, provides practical guidance on the calculation and interpretation of indicators designed to target the most disadvantaged groups. It is intended for anyone involved in the measurement and monitoring of equity in education,

6 Steps to Equitable Data Analysis

When analyzing data, educators should include students' identities and culture for a fuller picture of how they are doing

A Data-Driven Approach Needed to Close the Equity Gap in Education

On October 6, the National Student Clearinghouse hosted a panel session, "[Opening the Door to Equity in Education](#)," highlighting how vulnerable populations, based on socioeconomic and cultural factors such as race and ethnicity, are getting left behind in the current education-to-workforce ecosystem. This panel session's key focus was around the academic impact the pandemic is having on underserved populations.

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