

Massachusetts Education-to-Career Research and Data Hub (E2C Hub)

Research Advisory Committee (RAC) Meeting

August 18, 2023

Increasing data access to promote equity

Our focus for today

- Recap (~20 mins).
 - June 16th, 2023, RAC meeting
 - E2C Hub Leadership Group Meeting
 - Student and Family Voice Committee
- Review New E2C Hub Website (~30 mins).
- Building a Cross-Agency Research Agenda (~30 mins).
- Wrap-Up & Next Steps (~10 mins).



Open Discussion

- Any topics to discuss?
- Any Issues we need to address?

Recap (~20 mins)

2023 RAC Members

| Domain | Name | Org/District |
|-----------------|-----------------------|------------------------------------|
| Early Childhood | Anne Douglass | UMass Boston |
| Early Childhood | Ashley White | Massachusetts Taxpayers Foundation |
| Early Childhood | Christina Weiland | University of Michigan |
| Early Childhood | Yoonsook Ha | Boston University |
| K-12 | Brian Gill | Mathematica |
| K-12 | Christopher Cleveland | Harvard University |
| K-12 | Dan Goldhaber | CALDER |
| K-12 | Kate Keller | EdVestors |
| K-12 | Sarah Cohodes | University of Michigan |
| K-12 | Shaun M. Dougherty | Boston College |
| Higher Ed | Alexander K. Mayer | MDRC |
| Higher Ed | Cheryl Ching | University of Massachusetts Boston |
| Higher Ed | Jeremiah Johnson | UMass Donahue Institute |
| Higher Ed | Monnica Chan | UMass Boston |
| Higher Ed | Shanette Porter | University of Chicago |
| Higher Ed | Wil Del Pilar | The Education Trust |

| Domain | Name | Org/District |
|--------------------|------------------|--------------------------------------|
| Labor/Workforce | Pinghui Wu | Federal Reserve Bank of Boston |
| Labor/Workforce | Hannah Hermanson | UMass Chan Medical School |
| Labor/Workforce | Mark Melnik | UMass Donahue Institute |
| Labor/Workforce | Penny Hasseli | MassHire Metro North Workforce Board |
| District/Advocates | Abigail Anderson | Lowell Public Schools |
| District/Advocates | Anne McKenzie | Hadley Public Schools |
| District/Advocates | Sean Precious | Brockton Public Schools |
| District/Advocates | Vernée Wilkinson | SchoolFacts Boston |

24
RAC Members

Recap: June 16th, 2023, RAC Meeting

- **RAC Membership and Expectations**
 - Members will initially commit to a one-year term.
 - Formal meetings will be held every four months, with a duration of 1.5-2 hours (3x per year).
 - Members will be expected to attend at least two formal meetings annually.
 - Meetings will be held virtually.
 - RAC members can anticipate spending 1-3 hours a month on related activities.
- **Overview of the E2C Hub and role of the RAC in E2C Hub decision-making structure.**

First RAC topic selected:

Research questions in priority areas: Identifying potential research questions related to agency priority areas that could be addressed by the E2C Hub team via longitudinal or cross-agency data (e.g., wage data, ECIDS).

- Areas for collaboration
- Post-Meeting Survey for RAC Members

Recap: July 14th, 2023, E2C Hub Cross-Agency Leadership Group Meeting



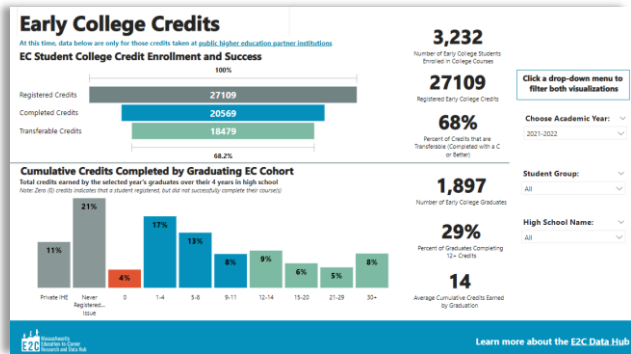
New website with search and export for public data



First Research Advisory Committee with 24 members



Outreach & Engagement Specialist



Early College data using DESE and DHE merge

Recap: July 14th, 2023, E2C Hub Cross-Agency Leadership Group Meeting

Student/Family Voice: Equity & Community Advisory Committee

Design Goals

Formal, paid committee with fixed membership meets 2x per year

AND additional ad hoc focus groups

- Diverse representation
- Representation of the E2C Hub's broader audience for data and research
- Emphasis on family and community voice

Purpose

1. **Identify data/research needs** and collaborate on resources to support the needs of students, families, and other stakeholders
2. **Provide feedback** on data tools or learning resources
3. **Give input** on future plans for E2C Hub investments and projects

Outreach/Recruitment

- RAC referrals of students
- School/campus administrator nominations of students or parents
- DESE School and Family Partnership Summit (Oct)
- Newsletter announcements (E2C Hub, Commissioner's Weekly, etc.)
- State Student Advisory Council
- Parent advocacy groups
- Social media via the agencies

Recap: July 14th, 2023, E2C Hub Cross-Agency Leadership Group Meeting



New E2C Hub website with search and export for public data

Visit us at:
educationtocareer.data.mass.gov

Report on Goals

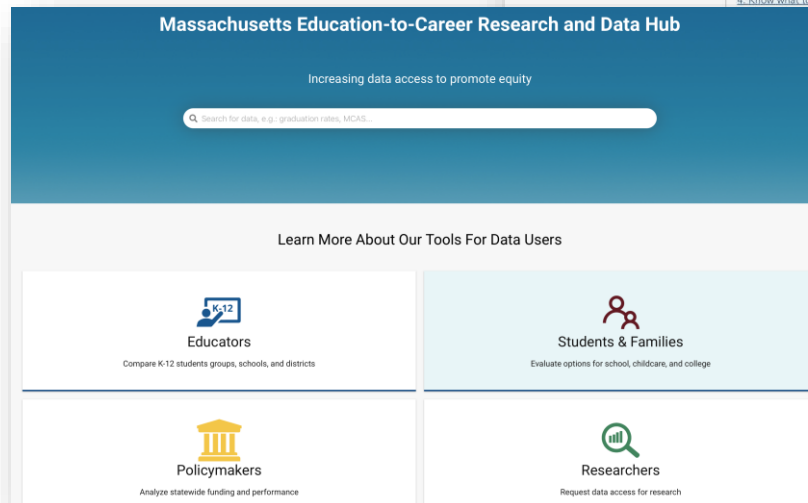
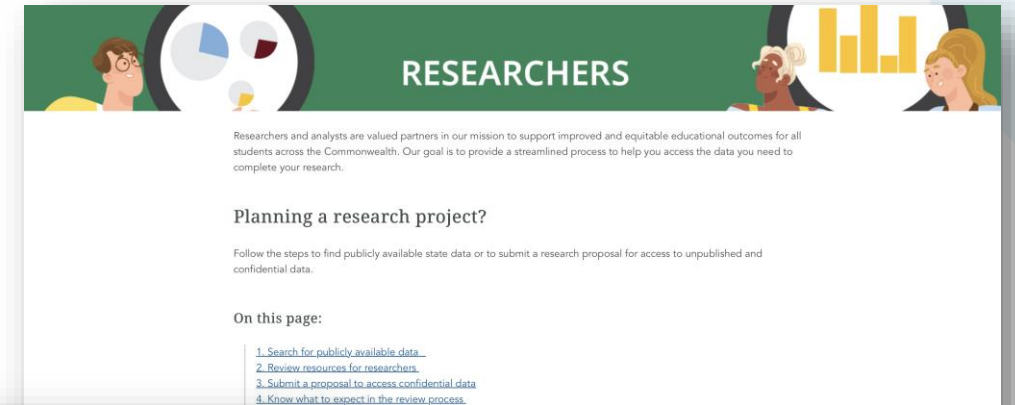
- Simple interface
- Automatic updates
- Provide context around metrics

Publish Data Stories

- Use trusted data
- Easy authoring tools for agency staff
- Charts link to raw dataset

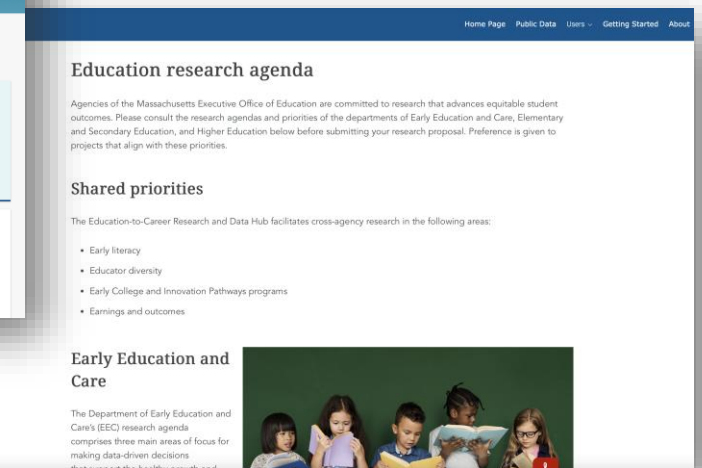
Provide Tools and Tips

- Built-in visualization tools
- Easy connections to Tableau or web pages
- Trainings and guides to data





Publicly available data

and school-level data is already published and available online. For quick access to datasets that research questions:



Review E2C Hub Website (~30 mins)

List of Public Datasets Included in New E2C Hub Website

| |  Now Available |  Next Up (2nd half 2023) |
|---------------------|--|---|
| DESE | <ul style="list-style-type: none"> Enrollment <ul style="list-style-type: none"> By grade, race, gender, and special populations Pre-K and KG NextGen MCAS achievement DART* | <ul style="list-style-type: none"> Educator data dashboard CVTE pathways/programs enrollment VOCAL RADAR NextGen MCAS test item analysis More Profiles data |
| DHE | <ul style="list-style-type: none"> Fall Enrollment by race, gender Tuition and Mandatory Fees | <ul style="list-style-type: none"> Annual Enrollment Degrees Conferred Performance Measurement Reporting System |
| EEC | <ul style="list-style-type: none"> Licensed and funded child care providers (quarterly: July 22 – Apr 23) | <ul style="list-style-type: none"> Licensed and funded child care providers (quarterly) |
| EOLWD/ Other | <ul style="list-style-type: none"> District wage records | <ul style="list-style-type: none"> Early College data |

E2C Hub New Website Features

Massachusetts
Education-to-Career
Research and Data Hub

Home Page

Public Data

Users

Getting Started

About

Sign In

Search

Authority

Official

Community

Categories

Assessment Accountability

Early Childhood Programs

Finance

Student Enrollment Indicators

View Types

3 Results filtered by Categories > Student Enrollment and Indicators

Sort by Most Relevant

Enrollment: Grade, Race, Gender, and Selected Populations

Dataset

This dataset includes count and percentage of enrollment for all grades, race, gender and selected populations for all students in public schools and charter schools in Massachusetts since 2017. A count of zero indicates that the school

Updated July 19, 2023

Table Preview

View Data

Create Visualization

| ORG_... | ORG_... | DIST_... | DIST_... | FY | TOTA... | PK_C... | K_CNT | G1_C... | G2_C... | G3_C... | G4_C... | G5_C... |
|----------|--------------|----------|--------------|------|---------|---------|-------|---------|---------|---------|---------|---------|
| 044501 | Abby Ke | 044500 | Abby Ke | 2023 | 1 | | 120 | | | | | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2022 | 1,426 | 0 | 119 | 118 | 119 | 119 | 120 | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2021 | 1,425 | 0 | 117 | 116 | 120 | 118 | 117 | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2020 | 1,425 | 0 | 114 | 120 | 119 | 120 | 116 | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2019 | 1,428 | 0 | 117 | 114 | 116 | 118 | 116 | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2018 | 1,425 | 0 | 117 | 116 | 113 | 117 | 122 | |
| 04450105 | Abby Kell... | 04450000 | Abby Kell... | 2017 | 1,425 | 0 | 116 | 113 | 118 | 122 | 119 | |
| 00010001 | Abington ... | 00010000 | Abington | 2023 | 87 | 87 | 0 | 0 | 0 | 0 | 0 | |
| 00010001 | Abington ... | 00010000 | Abington | 2022 | 76 | 76 | 0 | 0 | 0 | 0 | 0 | |
| 00010001 | Abington ... | 00010000 | Abington | 2021 | 51 | 51 | 0 | 0 | 0 | 0 | 0 | |
| 00010001 | Abington ... | 00010000 | Abington | 2020 | 88 | 88 | 0 | 0 | 0 | 0 | 0 | |
| 00010001 | Abington ... | 00010000 | Abington | 2019 | 90 | 90 | 0 | 0 | 0 | 0 | 0 | |
| 00010001 | Abington ... | 00010000 | Abington | 2018 | 84 | 84 | 0 | 0 | 0 | 0 | 0 | |

< Previous

Next >

Showing Schools

Data catalog allows users to:

- Search and filter to find datasets, reports, research, and more.
- Analyze and export multi-year and multi-student group files.
- Find merged cross-agency data sets (wage, early college, etc.)
- Explore built-in visualization tools linked to raw datasets.
- Search and filter to find

User pages with curated data tools and resources.

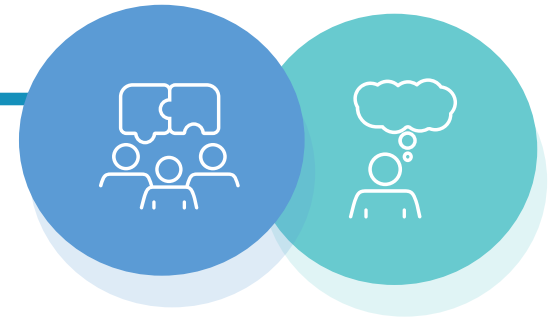
Flexible download export tool

Find and explore data tools and dashboards more quickly.

Visit the [New E2C Hub Website](#)

12

E2C Hub New Website Features

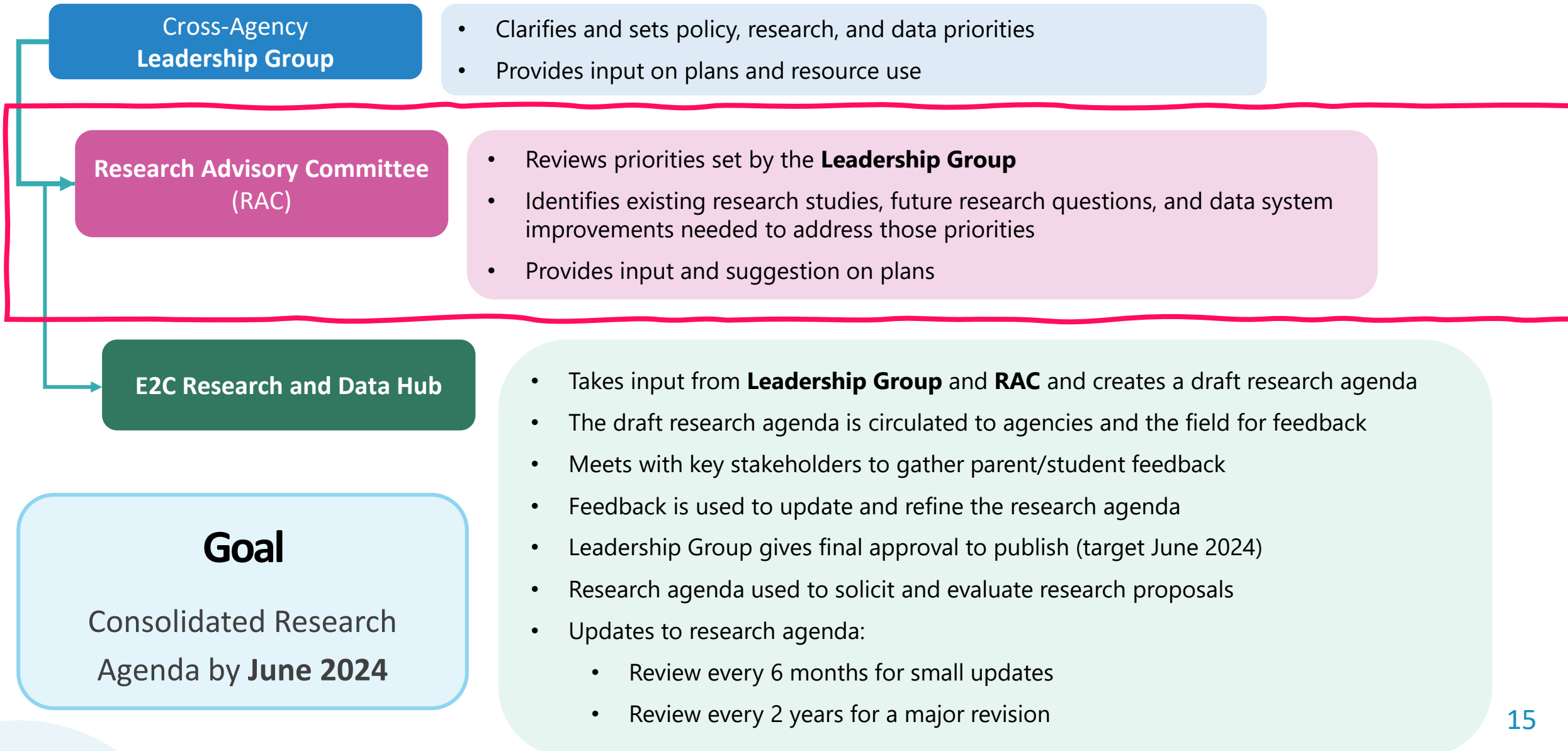


- What additional datasets do you most want to see included in the data Hub?
- How can we make this tool as useful as possible for researchers and analysts?
 - How do you envision using this tool?
- What documentation do you need to make good use of the data?
- What groups should we contact or present this tool to?

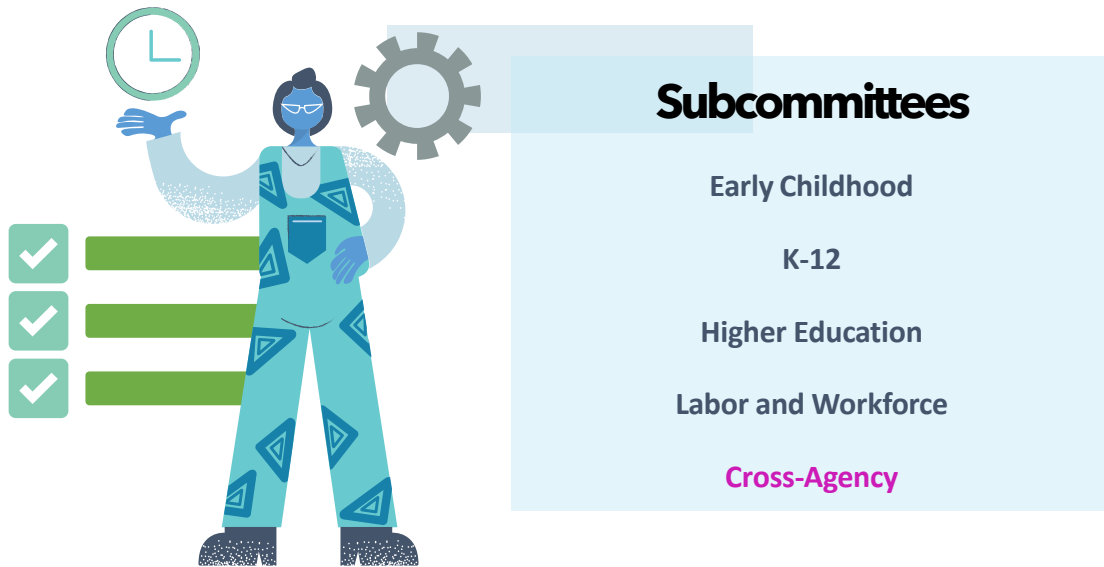
Jamboard

RAC Topic:
**Building a Cross-Agency
Research Agenda.**
(~30 mins)

Process for Setting Research Priorities and Agenda



RAC Process for Reviewing Research Priorities



- Each committee will **review and assess research priorities** from the respective agency.
- **Overlap between subcommittees:** subcommittees work together to ensure a comprehensive understanding of the agencies' needs and foster synergy among their efforts.
- **Collaboration with agencies:** Analysts and Agency Staff from respective agencies will help facilitate these discussions.

Goal:

- To establish a comprehensive and well-informed **education research agenda for June 2024**.
- The overall aim is to improve the effectiveness of research efforts and promote evidence-based decision-making within the education community.

Purpose of the proposed process:


- A structured approach to identify research priorities, address gaps in existing knowledge, and formulate future research questions.
- Addresses organizational needs and priorities and aligned with stakeholder interests.
- Helps ensure the education research agenda is comprehensive, relevant, and actionable.


Examples from other states:


- Virginia: [VLDS](#)
- WA: [ERDC](#)
- KY: [KYSTATS](#)
- CT: [P20 WIN](#)


Example Research Agenda: Virginia


Research Agenda Planning Committee Participants


 **State Council of Higher Education for Virginia**
Tod Massa
Paula Robinson


 **Virginia Community College System**
Cat Finnegan
Scott Murrah


 **Virginia Office of Children's Services**
Howard Sanderson

 **Virginia Department of Aging and Rehabilitative Services**
Kurt Sprenger


 **Virginia Department for the Blind and Vision Impaired**
Deborah Collard

 **Virginia Department of Education**
Secretary Atif Qarni
Jennifer Piver-Renna
Jamie Williams
Eric Ekholm
Dave Myers
Ron Parrish
Leah Walker
Susan Williams

 **Virginia Department of Health Professions**
Yetty Shobo

 **Virginia Department of Juvenile Justice**
Jenna Easton
Autumn Kaufman
Jessica Schneider

 **Virginia Department of Social Services**
Eleanor Brown
Gail Jennings
Jeff Price
Aline Jesus Rafi

 **Virginia Employment Commission**

Family and Children's Trust Fund of Virginia
Nicole Poulin

George Mason University
Matthew Steinberg

Howard University
Kenneth Anderson
Cristóbal Rodríguez

Joint Legislative Audit & Review Committee
Erik Beecroft
Ellen Miller

Syracuse University
Colleen Heflin

University of Virginia
Luke Miller
Jim Wyckoff

Urban Institute
Matt Chingos

Virginia Commonwealth University
David Naff
Jesse Senechal

Virginia Department of Health
Justin Crow

Virginia Early Childhood Foundation
Kathy Glazer

Virginia General Assembly
Delegate Lashrecse Aird
Delegate Carrie Coyner
Senator Ghazala Hashmi

Virginia State University
Willis Walter

Virginia Tech
David Knight

Topic:

Priority Topic: Measuring Equity

The topic of measuring equity is broad in concept, spanning conversations from how equity is operationalized within and across sectors, to questioning the origin and purpose of data collected to quantify it. Coupled with conversations about measurement is the importance of defining research priorities in ways that require action when inequities are discovered. Such actions could range from monitoring and reporting group-level differences in opportunities and outcomes, to identifying the root causes of systemic inequity.

The research questions outlined in this section prioritize the use of data from the VLDS to promote action. Priority questions focus on malleable factors that drive variation in opportunity and access to services, identifying programs that are successfully preparing individuals for the workforce, and the actualized benefits of engagement with human service programs. In addition, priority questions focus on the importance of educators in conversations about equity, particularly in the distribution of qualified educators aligned with students' needs.

Equity-centered researchers must adopt, as a point of practice, publishing disaggregated results by group dimensions, such as race or gender. Researchers should also translate findings into policy- and practice-based recommendations, but not in isolation. In other words, the research process should include early and frequent engagement with stakeholders and equity experts to avoid the consequences of well-intentioned but ill-informed recommendations. This collaborative process is even more critical when administrative data are used for research, which is often lacking important context and history.

Priority Research Questions

Research Priority 1: What factors drive variation in the access to and availability of opportunities (e.g., housing, employment, education, ability and healthcare) in Virginia?

Example Research Questions:

- What are the longitudinal impact of social and geographical location throughout the lifecycle?
- What are the drivers of differences in opportunities and outcomes across Virginia?

Research Priority 2: Which programs or policies have been most successful at preparing students for higher education and for the workforce, and why? How do definitions of college and career readiness align with the experiences and needs of

Framework for Developing the Research Agenda



General Discussion



Overview of the current process at each agency:

- What's happening - the current state of research agenda development
- Timelines - where they are and next steps
- How the RAC can get involved - opportunities for collaboration
 - Let's discuss!

Timeline:

- We aim to have **agency-specific agendas** ready **by March 2024**, so we can shift focus to a unified cross-agency agenda
- We'll have informal, ad hoc meetings as needed (no more than once a month), on timelines set by each agency

Next steps for collaboration:

How can we work together to build a comprehensive cross-agency research agenda that meets all our needs?



Thank You!

Any Questions?

Members of the public who have questions, please unmute yourself.

Wrap Up & Next Steps

Meeting Recap

- Review of E2C Hub Website
- Discussion of RAC Topic: Building a Cross-Agency Research Agenda

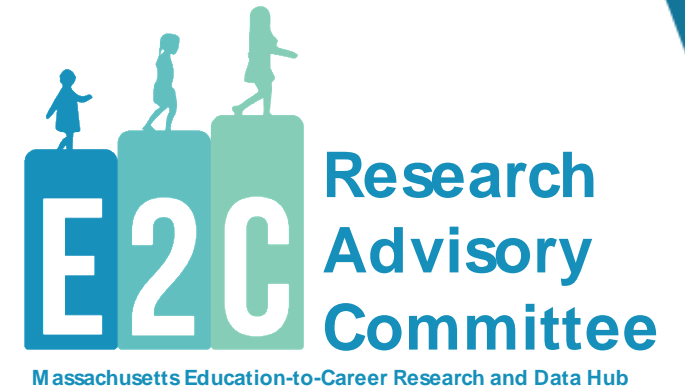
Upcoming RAC Meetings: Virtual

- November 17th, 2023, 1 – 2:30 p.m.
- March 15th, 2023, 1 – 2:30 p.m.

Next E2C Hub Leadership Meeting: November 13th, 2023

Announcement!

Upcoming annual FoLDS Fall Symposium: **October 18th, 2023**



- Questions? Email us at E2CHub@mass.gov
- Visit our website at: <https://www.mass.gov/e2c>