

Strengthening Data Literacy Through Strategic Collaboration

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Strengthening Data Literacy through Strategic Collaboration in Rhode Island

Presented by: Andrea Spargo and Sarah Cote

SHEEO Communities of Practice – November 6, 2025



Introduction to RIOPC & RILDS



Introduction



- Rhode Island Office of the Postsecondary Commissioner (RIOPC)
 - Coordinating board for Community College of Rhode Island and Rhode Island College
 - University of Rhode Island established its own governing board in early 2020
 - Three education centers
 - Rhode Island Longitudinal Data System (RILDS) Center became a unit at RIOPC in 2023

The Rhode Island Longitudinal Data System (RILDS) is...

.... A longitudinal data system (LDS) that collects and maintains **detailed, high-quality, student- and staff-level data** that are linked across entities and over time, providing a complete **academic and performance history for each student**. Key

Features of a longitudinal data system:



Data Collection

LDSs collect data from various sources, including early childhood education, K-12, postsecondary education, and workforce agencies.



Data Linking

They link data across different entities and over time, creating a unified record for each individual.



Data Accessibility

LDSs make data accessible through reporting and analysis tools, allowing researchers, policymakers, and educators to analyze trends and patterns.



Privacy and Security

LDSs must prioritize data privacy and security, ensuring that individual information is protected and used responsibly.

What does the Rhode Island LDS do?

The RILDS **links data across state agencies** to provide a comprehensive and longitudinal view of individuals' education & workforce outcomes, enabling better decision-making and improved outcomes for Rhode Islanders.



DCYF

Rhode Island
Department of Children,
Youth & Families

- ✓ Foster Care
- ✓ Juvenile Justice



RIDE

Rhode Island Department
of Elementary &
Secondary Education

- ✓ Enrollment
- ✓ Courses
- ✓ Assessments
- ✓ Adult Education
- ✓ Postsecondary Enrollment (NSC)



RIOPC

Rhode Island Office of the
Postsecondary
Commissioner

- ✓ Public Higher Education Enrollment, Courses, Completions
 - ✓ RIC
 - ✓ CCRI
 - ✓ URI
- ✓ Non-Degree Credentials



DLT

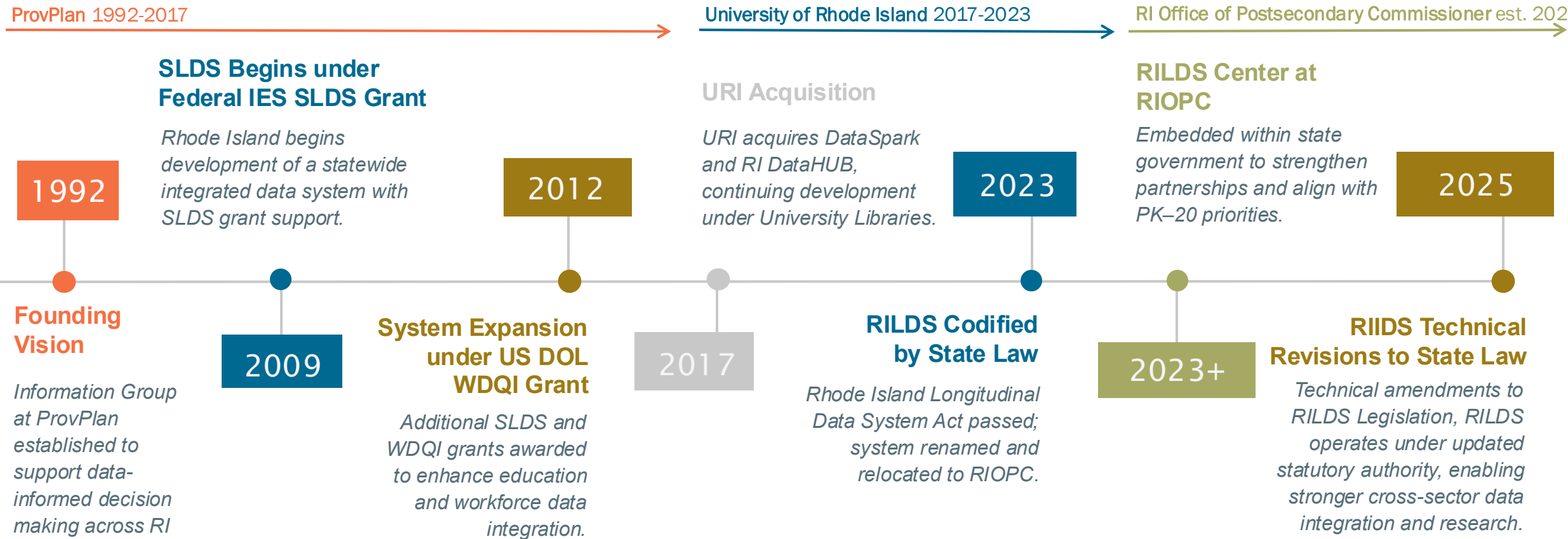
Rhode Island Department
of Labor & Training

- ✓ Wage & Unemployment Insurance
- ✓ Registered Apprenticeship
- ✓ RI Training programs

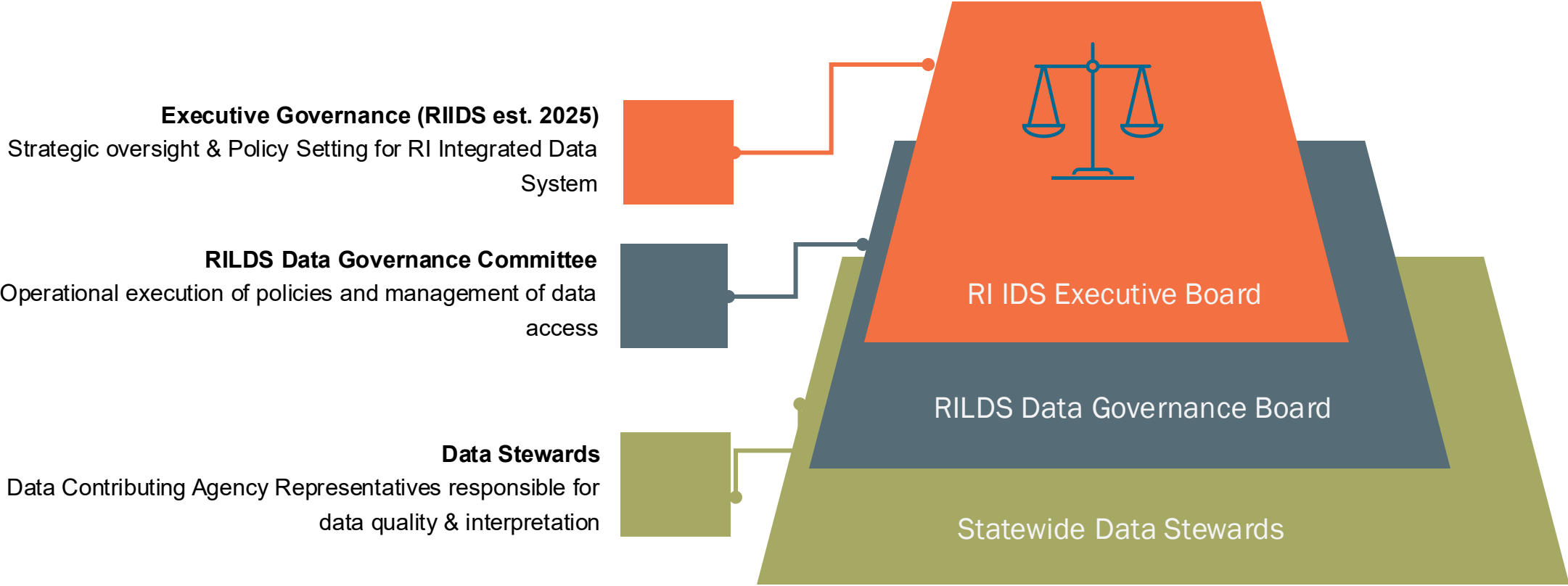
Special Projects

Department of Health (RIDOH)
Department of Human Services (DHS)

Building a Statewide Longitudinal Data System



RILDS Governance Structure

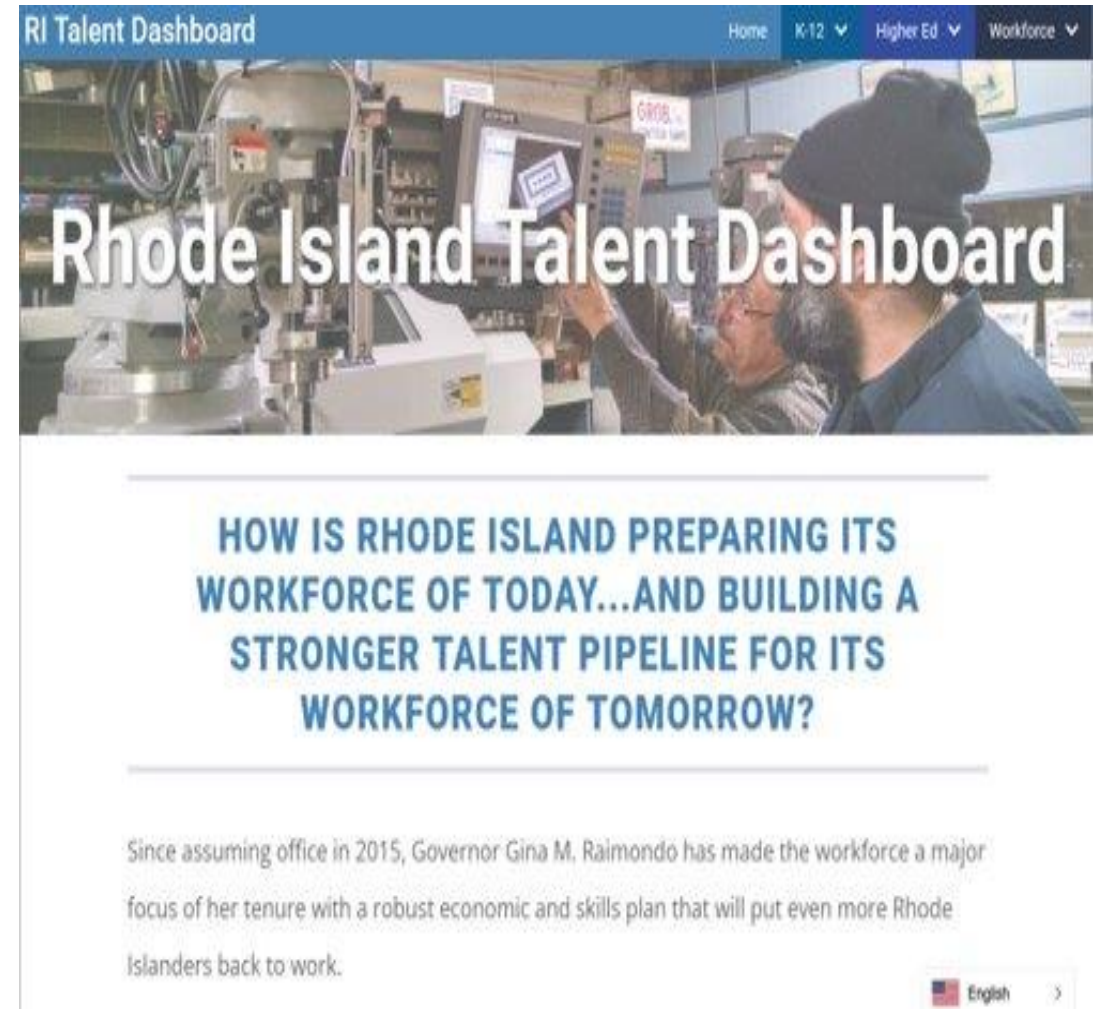


Dashboards & Data Resources

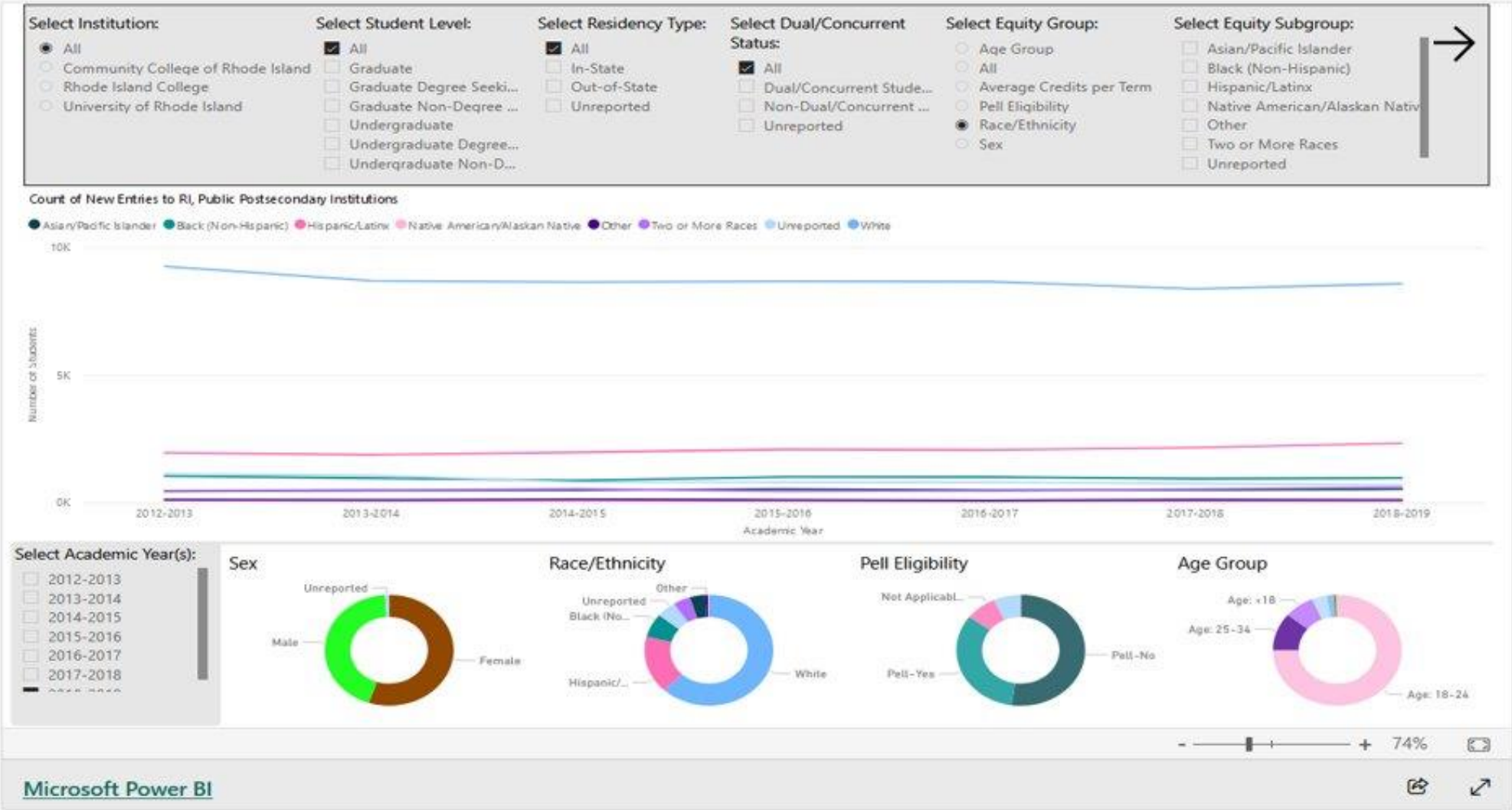


RI Talent Dashboard

- Multi-State Agency Partnership
- Launched in 2019
- Designed for public consumption
- **Goal:** Showcase trajectories across the P20W continuum
- Catalyst for other projects



New Entries to Public IHEs



CIP to SOC: Undersupplied Occupations

Education, Training & Library Occupations

Occupation	Median Hourly Wage	Typical Education	Experience/ Preparation Needed	% of Demand Currently Met Through Higher Ed	Additional Annual Supply Needed
Misc. Teachers & Instructors*	Not Available	Bachelor's degree	No information	10%	275
Teaching Assistants	Not Available	Postsecondary non-degree award	L3: Medium	30%	250
Preschool & Kindergarten Teachers	\$18.90	Bachelor's degree	4: Considerable	25%	150
Self-Enrichment Teachers	\$21.80	High school diploma or equivalent	L3: Medium	0%	125
Elementary & Middle School Teachers	Not Available	Bachelor's degree	L4: Considerable	70%	100
Librarians & Media Collections Specialists	\$31.00	Master's degree	L5: Extensive	15%	50
Archivists, Curators & Museum Technicians	\$27.50	Master's degree	L5: Extensive	10%	50

*This 5-digit occupation includes the following 6-digit occupations: Teachers & Instructors—All Other, this represents occupations which do not fit into one of the detailed teaching occupations at the 6-digit level.

Transportation & Material Moving Occupations

Occupation	Median Hourly Wage	Typical Education	Experience/ Preparation Needed	% of Demand Currently Met Through Higher Ed	Additional Annual Supply Needed
Drivers/Sales Workers & Truck Drivers	\$23.10	Various	L2: Some	50%	725

Affordability Mechanisms

- Comprehensive review of ROI
- 8 programs under review
- 10+ years of scholarship provision
- RIOPC
 - Manages and disburses funds
- RILDS
 - Links data on student trajectories



RI Climate Dashboard

- Released October 2025
- Comprehensive Tableau dashboard on climate initiatives in RI
- 'Green' fields of study and degrees awarded

Green Education & Employment in Rhode Island: Green Fields of Study
Source: RI Office of the Postsecondary Commissioner

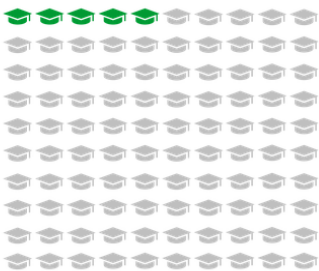
RIEC⁴

Since 2018, there have been...



degrees or certificates awarded in
green fields of study at Rhode
Island public institutions of
higher education

This represents **5.43%**



of all awards at these
institutions during that time

[Return to Main Page](#)

Top 10 Green Fields of Study by Number of Awards

Animal Sciences.	423
Natural Resources Management and Policy.	324
Ocean Engineering.	250
Wildlife and Wildlands Science and Management.	226
Ecology, Evolution, Systematics, and Population Biology.	217
Natural Resources Conservation and Research.	213
Biological and Physical Sciences.	210
Geological and Earth Sciences/Geosciences.	198
Geography and Cartography.	100
Landscape Architecture.	89

*Note: Data represents all awards of credit-bearing certificates and degrees from Rhode Island state colleges and universities (RIC, CCRI, URI) from Spring 2018 through Summer 2023 terms.

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Appendix

[Rhode Island Longitudinal Data System](#)

[Rhode Island Longitudinal Data System Data Governance Policy](#)

[Rhode Island Longitudinal Data System Data Request & Release Policies](#)

[Rhode Island Longitudinal Data System Data Quality & Metadata Policies](#)

[Rhode Island Climate Change Dashboard](#)

Strengthening Data Literacy Through Strategic Collaboration



Dan Oliver, Director of Research
Washington Student Achievement Council (WSAC)

Natasha Rosenblatt, Sr. Data Governance & Ops
Washington Education Research and Data Center (ERDC)

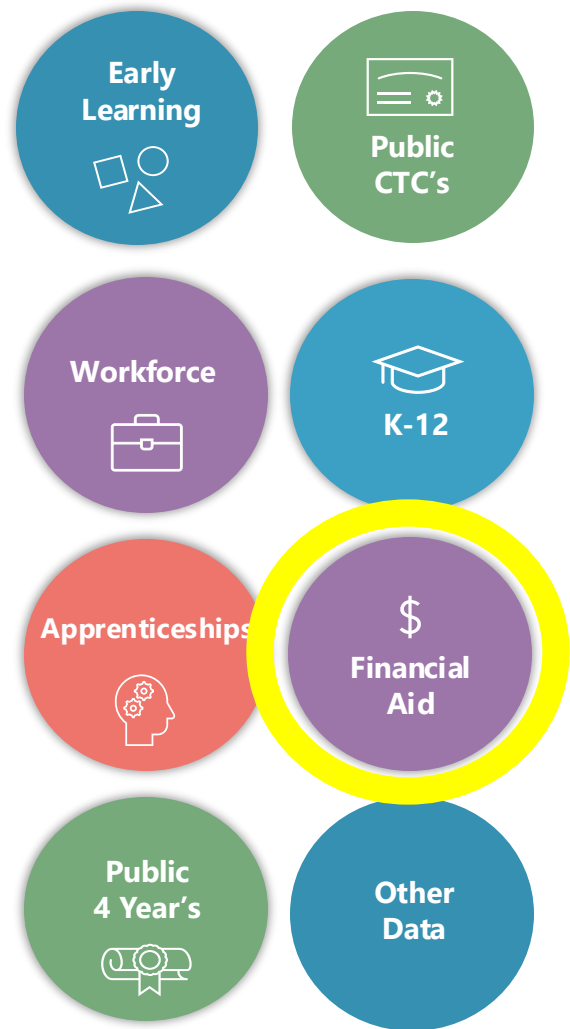
SHEEO Community of Practice

What is ERDC?

- ERDC was created in OFM by legislation ([RCW 43.41.400](#)) in 2007 to:
 - Identify the critical research and policy questions and the data to answer them;
 - Assemble, link, analyze education and workforce data;
 - Provide analysis and research focusing on student transitions;
 - Make data available to the education agencies and institutions; and,
 - Provide analysis and data that ensure the interests of the education and fiscal committees of the legislature are served.



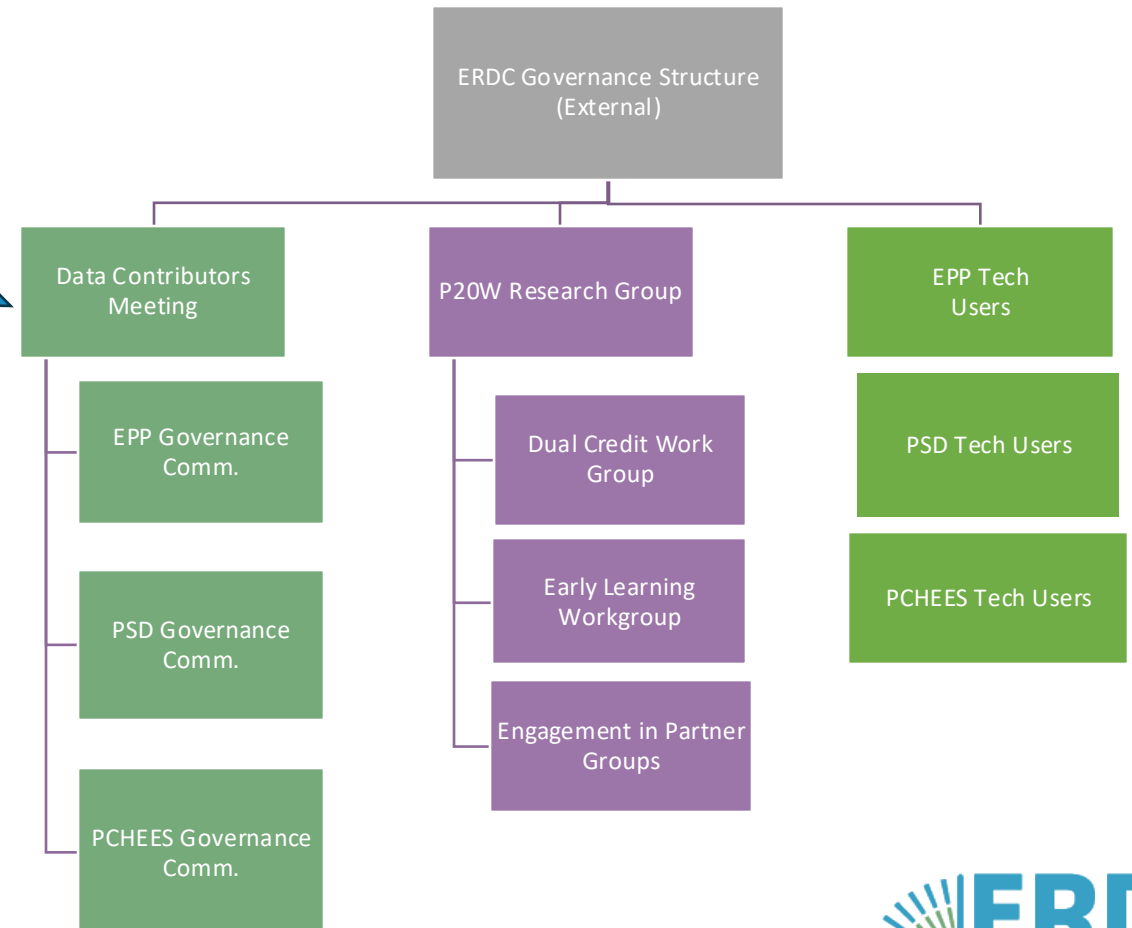




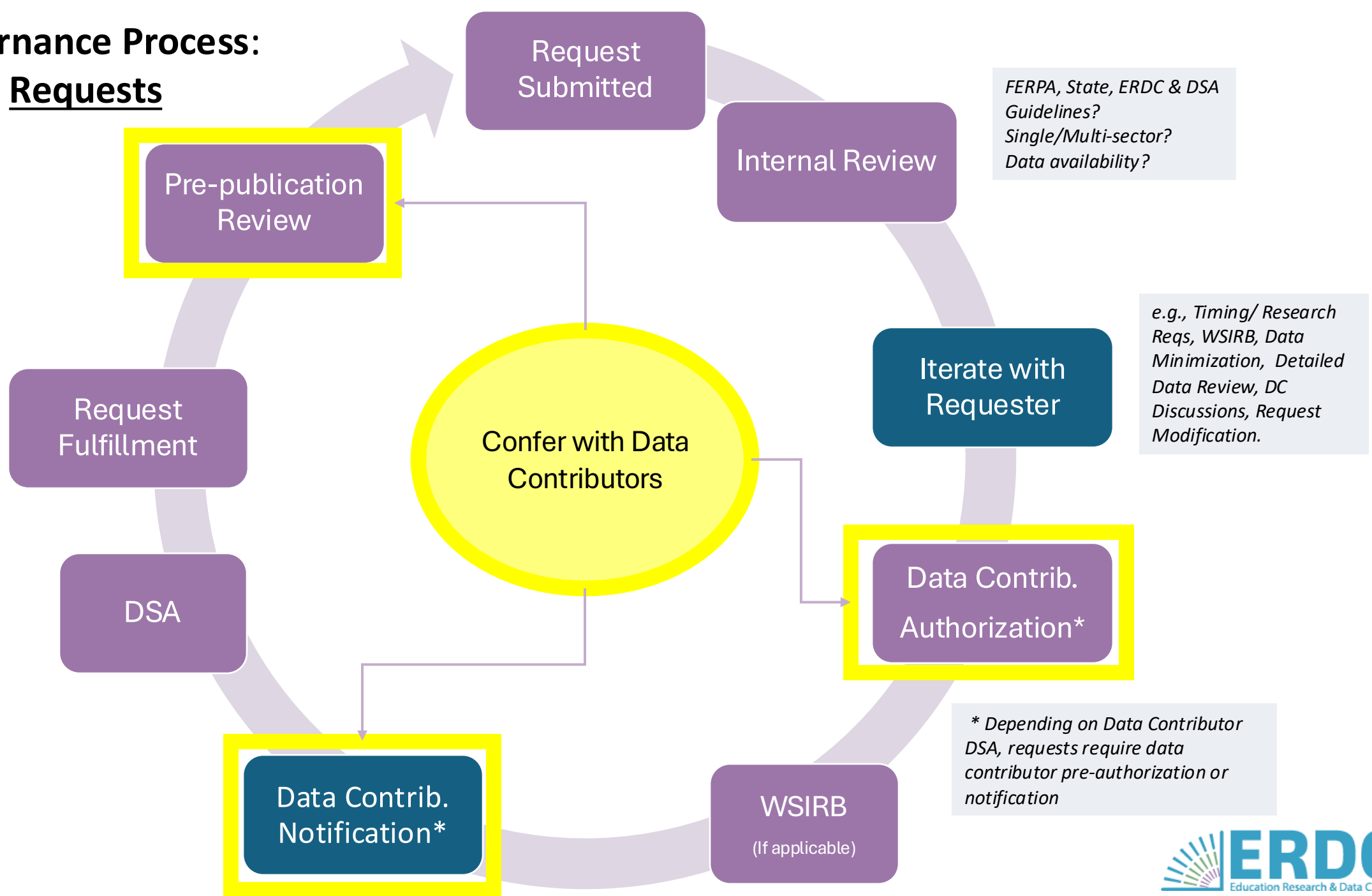
Data Contributors' Engagement in Governance

State agencies that contribute data to the ERDC P20W meet quarterly to:

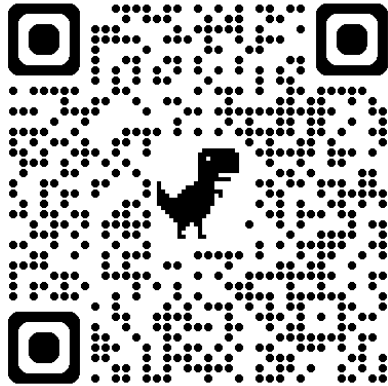
- 1) Receive updates on P20W data requests and uses*
- 2) Share legislative priorities and updates*
- 3) Discuss best practices in data collection, management, governance and use*



Data Governance Process: ERDC Data Requests



ERDC Data Products & Resources



<https://erdc.wa.gov/data-dashboards>



 English ▾

Search

ERDC: Trusted. Accurate. Objective.

Data Dashboards ▾

Publications ▾

Data Resources ▾

[Home](#) ▸ Data Dashboards

DATA DASHBOARDS

- Dual Credit Dashboard
- Early Learning Feedback Report
- Earnings for Graduates Dashboard
- High School Graduate Outcomes
- Public Four Year Finance Dashboard
- Statewide Public Four-Year Dashboard

Data Dashboards



Dual Credit Dashboard



Earnings for Graduates Dashboard



High School Graduate Outcomes



Early Learning Feedback Report



Statewide Public Four-Year Dashboard



Public Four Year Finance Dashboard

All in data resources →

- Request Data
- Working with ERDC Data
- Public Data Request Log

- Acronym Guide
- Resources for Submitting Data



High School Graduate Outcomes

Updated: February, 2025

SELECT A UNIT

Statewide

STATEWIDE COMPARISON

Off On

DASHBOARD

Overview

ENROLLMENT

First Year Enrollment

Enrollment by Sector

Enrollment by Institution

PROGRESS AND COMPLETION

Pre-College

Coursetaking

Persistence and Retention

PS Completion

EARNINGS

Median Earnings

Earnings by NAICS

ABOUT

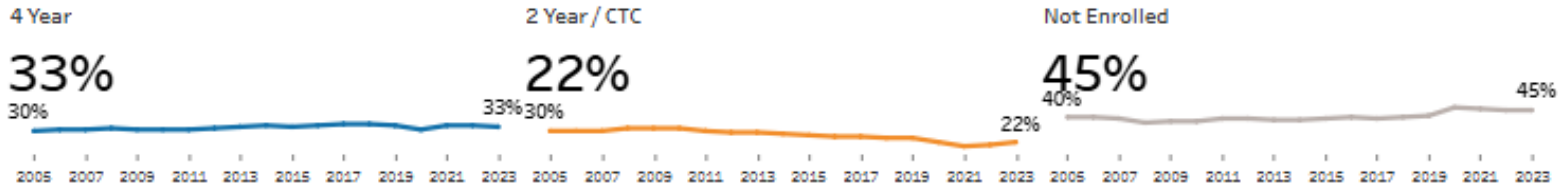
Terms & Definitions

FAQ

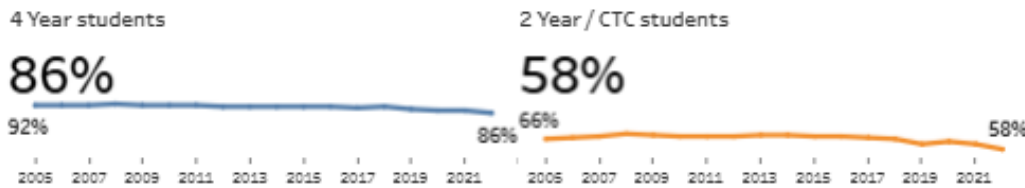
Download Data

Statewide || Statewide

What percent of students enrolled in the first year after high school graduation?



What percent of enrollees persisted beyond the first year of postsecondary?



What were the highest degrees attained within 8 years of high school graduation?



What were the median earnings of graduates in the 15 years after high school graduation?



View on Tableau Public

Share



<https://erdc.wa.gov/publications-and-reports/high-school-graduate-outcomes>

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Statewide Public Four-Year Dashboard

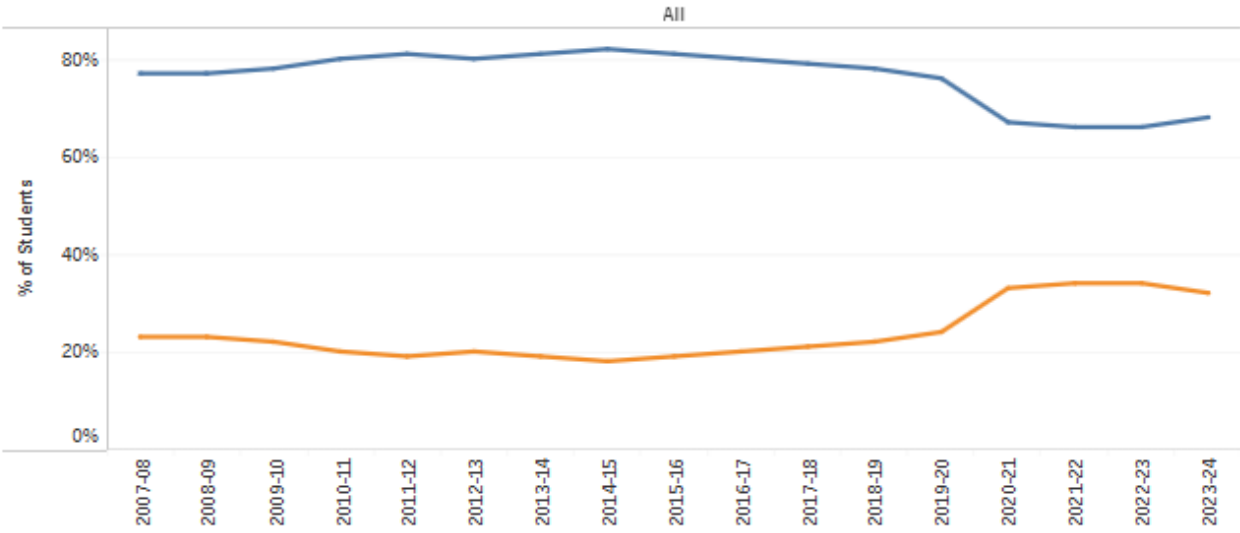
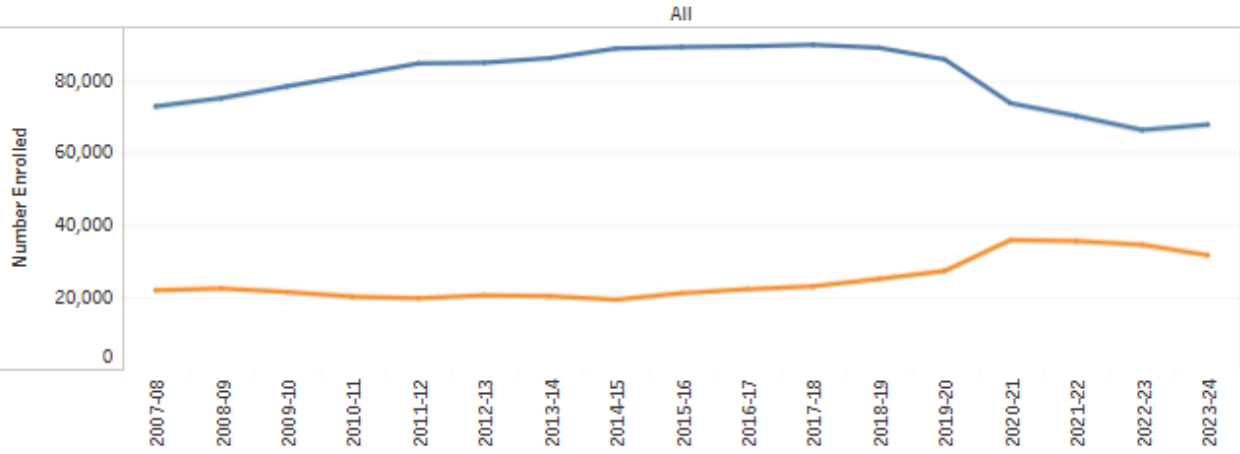
Published: December, 2016 | Updated: January, 2025

- Introduction
- STUDENT ENROLLMENT
- Annual Enrollment
- Pre-College Courses
- Enrollments by Origin
- STUDENT PROGRESS
- Success beyond Pre-College
- Success in College Math and English
- Credit Accumulation
- Graduation / Continuation
- Course Completion
- DEGREES & GRADUATES
- Degrees
- Time to Degree
- Credits to Degree
- Completion Ratio
- Market Penetration
- Degree Counts
- ABOUT THE DATA
- General
- Terms & Definitions
- FAQ

Annual Enrollment

Count of unduplicated students enrolled in courses in each academic year (Summer, Fall, Winter, Spring terms).

DOWNLOAD
data.mega



Institution
Statewide

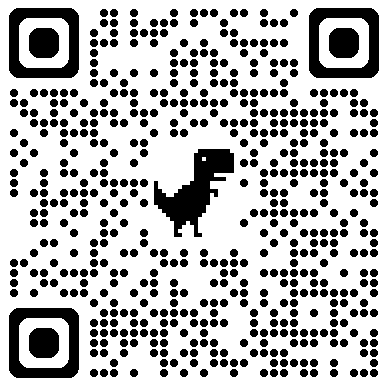
Student Type
☒ Undergraduate
☐ Graduate

Group By
☐ None (All Students)
☐ Age
☐ Sex
☐ Race/Ethnicity
☐ Residency
☐ Entering Status
☐ Pell Grant Status
☐ Pell or Washington C...
☒ Washington College ...
☐ Pre-College Course Ta...
☐ Veteran Status

Indicates whether a student received a Washington College Grant in the fall term. If student was not enrolled in the fall term, first term of enrollment is used.

Show Subgroup
☒ None
☐ Sex
☐ Race/Ethnicity

Group/Subgroup Hierarchy
Subgroup/Group



<https://erdc.wa.gov/publications-and-reports/statewide-public-four-year-dashboard>

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[Home](#) ▸ [Publications And Reports](#) ▸ Dual Credit Dashboard

Dual Credit Dashboard

Published: October, 2023 | Updated: September, 2025

Introduction

DASHBOARD

All Students

Student Groups

Intersectional Groups

ABOUT THE DATA

Terms & Definitions

FAQ

How many and what percent of Washington Public High School students take and complete Dual Credit courses?

Enrollment represents the students who had at least one course record during high school with a designation as a dual credit type listed out of all students in the cohort or combination of subgroups selected. Cohorts are based on graduation requirement year and look at all courses taken during high school, not a specific year. *Note: all enrollment counts rounded to the nearest 10 to protect student privacy. Enrollment counts are redacted for student groups with fewer than 10 members or if there are fewer than 5 participants. N/A is displayed if no students in the district participated in a particular dual credit program. See FAQ for more information.*

District/Region

Statewide ▾

Cohort

2024 ▾

Type of Dual Credit Course	Count of Enrollees	Percent of Students Enrolled	% earned K12 Credit
Any Dual Credit Course	79,540	90%	97%
Career and Technical Education (CTE)	66,770	76%	96%
Advanced Placement (AP)	34,010	39%	97%
International Baccalaureate (IB)	4,890	6%	95%
Cambridge International (CI)	520	0-1%	93%
College in the High School (CIHS)	32,480	37%	96%
Running Start (RS)	18,230	21%	96%

----- Click on a Dual Credit Course Type (above) to filter the Student Group Charts (below). To remove the filter, click on 'Any Dual Credit Course' (above). -----

Race/Ethnicity

American Indian or Alaska Native	840	75%	88%
Asian	7,050	97%	99-100%
Black or African American	3,890	92%	96%
Hispanic or Latino of any race(s)	20,110	89%	95%

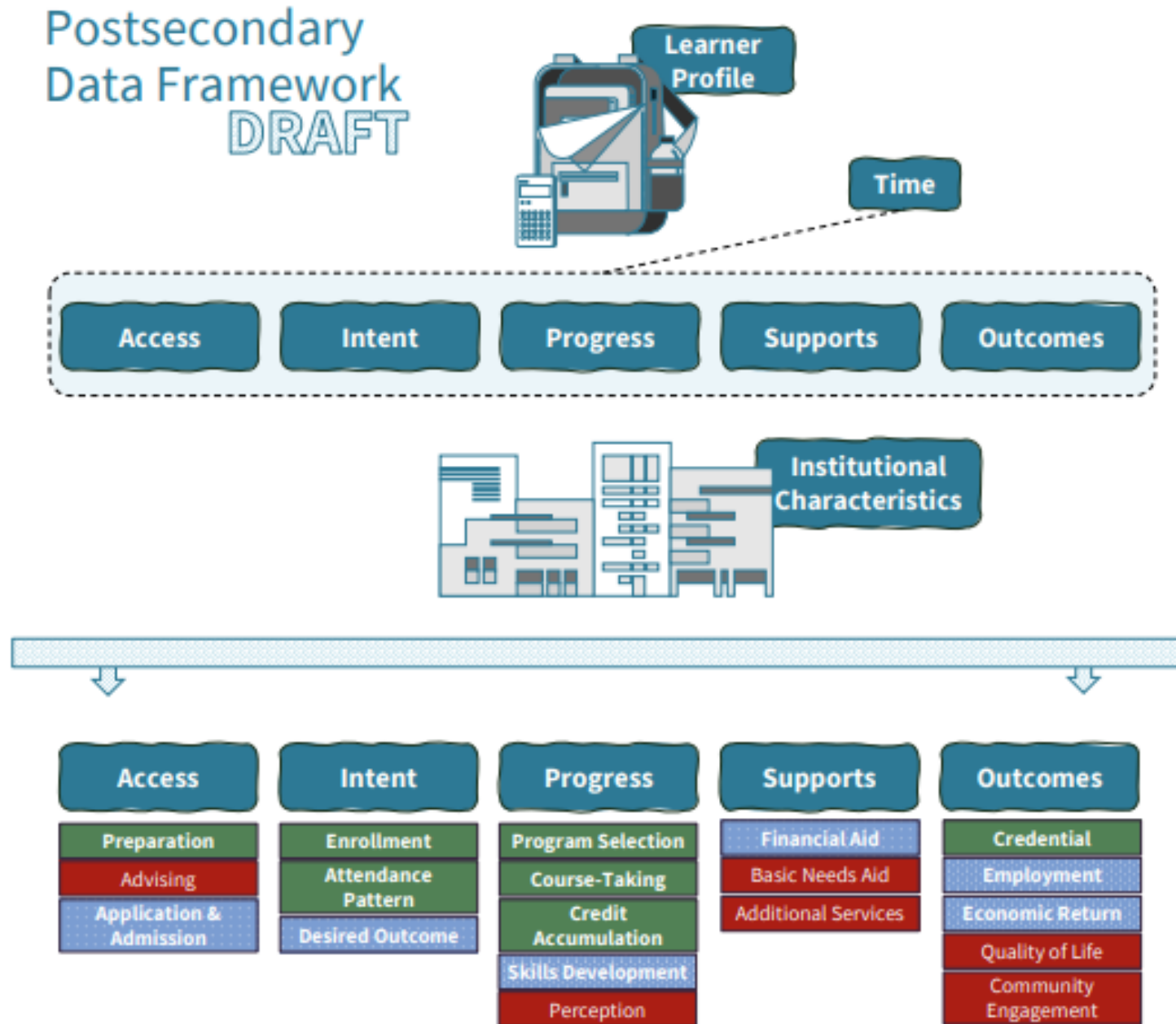
<https://erdc.wa.gov/publications-and-reports/dual-credit-dashboard>

Where are we headed?

More bite-sized information

Accessible products

Data Framework: user-friendly data model



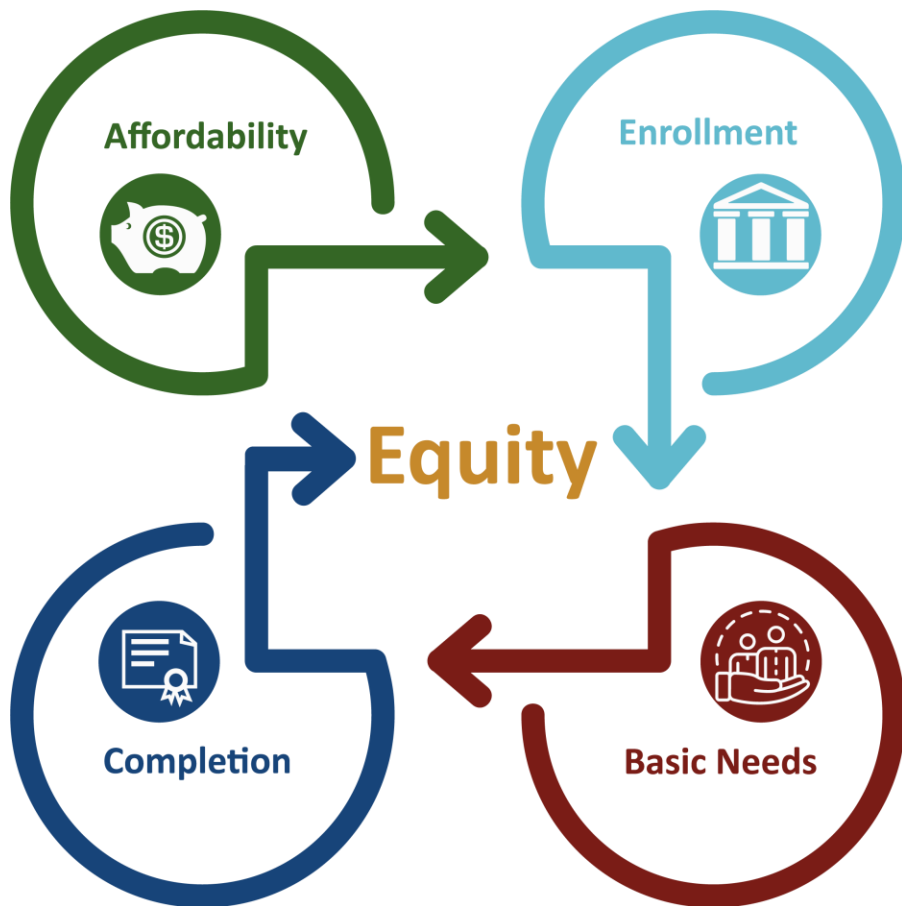


WSAC Research – Key Missions

- Educating the public on the benefits of postsecondary education, and the consequent need for increased financial support and civic commitment in the state.
- Facilitating educational attainment analysis and research leading to increased educational attainment and education system development.
- Link the work of educational programs, schools, and institutions from secondary through postsecondary education and training and through careers.



WSAC's Strategic Framework – Centered Around Equity



If we build an **affordable** and **supportive** educational environment, more Washingtonians will **enroll** in programs and **complete** credentials.



The WSAC Strategic Action Plan (SAP) Dashboard includes selected indicators that track Washington State's progress toward its postsecondary [attainment goal](#) with a focus on equity. The dashboard includes indicators in the SAP's four cluster areas: Affordability, Enrollment, Basic Needs, and Completion.

AFFORDABILITY

FAFSA Completion Rate by FRPL Status

50% 3.0% ▲ from previous year



FAFSA Completion Rate of High School Seniors

53% 3.0% ▲

Avg. Net Price at Public Institutions

\$11,256 \$935 ▲

Need-Based Financial Aid Recipients

137,005 4.9% ▲

Avg. State Need-Based Grant Aid

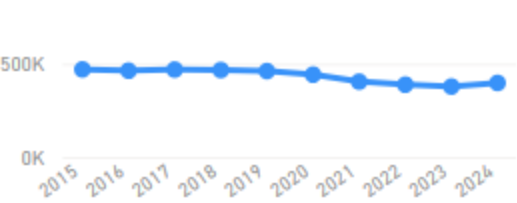
\$2,263 \$254 ▲

Learn more

ENROLLMENT

Undergraduate Enrollment

396,764 5.2% ▲ from previous year



Direct Enrollment from High School Rate

55% 1.0% ▲

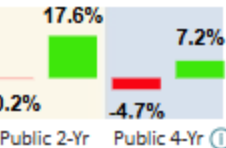
Adult Enrollment Rate

1.6% 0.1% ▲

High School Graduation Rate

85.5% -0.6% ▼

Fall Enrollment Change by Financial Aid Status

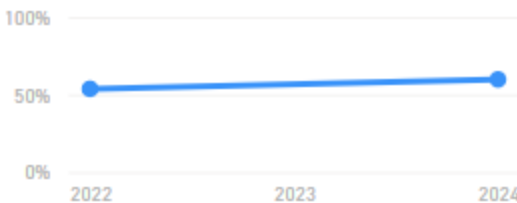


Learn more

BASIC NEEDS

Benefits Utilization Rate

59.7% 6.1% ▲ from previous survey



Food Insecurity Rate

43.8% 5.5% ▲

Housing Insecurity or Homelessness Rate

35.9% -0.1% ▼

Inadequate Access to Health/Mental Care Rate

54.1% 1.0% ▲

Inability to Afford Childcare Rate

75.6% 9.1% ▲

Learn more

COMPLETION

Graduation Rate (150% of Normal Time)

56.7% -0.6% ▼ from previous year



Graduation Rate (200% of Normal Time)

69.2% 0.4% ▲

Number of Degrees/Certificates

91,231 2.1% ▲

Retention Rate

81.2% 1.6% ▲

Adults without an Initial Credential

45.9% -1.0% ▼

Learn more

Note: The dashboard may take a few seconds to load.

Washington's State Goal for Educational Attainment: 70% of Adults with a Credential Beyond High School

In 2013, the Washington Student Achievement Council (WSAC) proposed as our state goal that 70% of the state's 25- to 44-year-olds (i.e., our early and mid-career residents) should have a credential beyond high school, which could be a short-term certificate, Associate's degree, or Bachelor's degree and higher. The Legislature approved the goal, and it was signed into law.

After a decade, we have still not reached our goal.

An attainment gap persists between regions of the state and between adult racial/ethnic populations.

Note: Unlike the statewide data, attainment %s by region and race/ethnicity do not include [short-term credentials](#). Thus, they are an under-estimation.

Data Sources: WSAC staff analysis of American Community Survey (ACS) 1-Year PUMS data and [Lumina Foundation's A Stronger Nation Report, Washington](#), short-term credentials, ages 25-64.

Last Updated: 2/10/2025

Overview

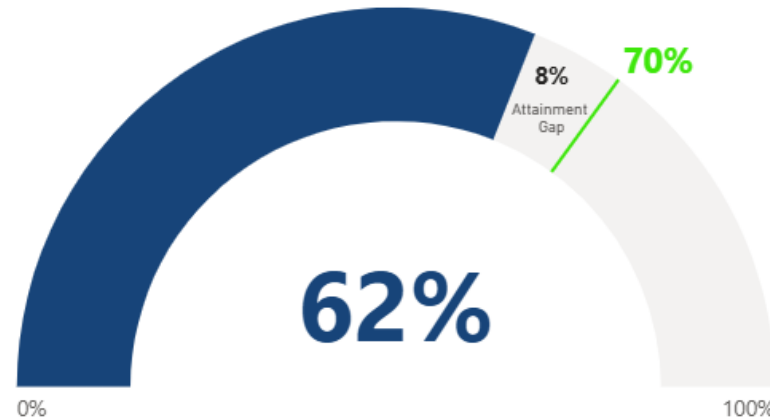
Trends

Maps

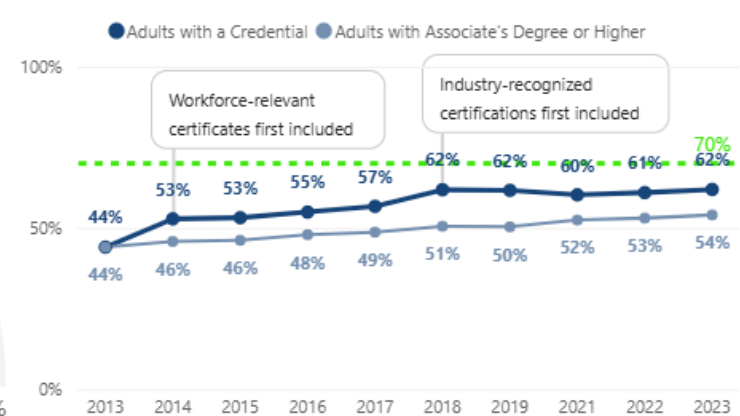
Charts

Technical Notes

Washington's Current Year Postsecondary Attainment

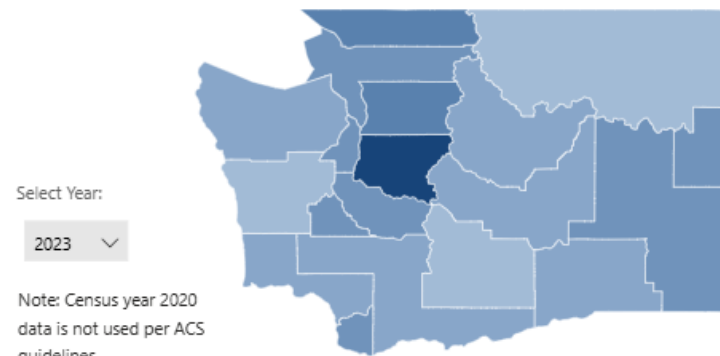


Washington's Postsecondary Attainment by Year



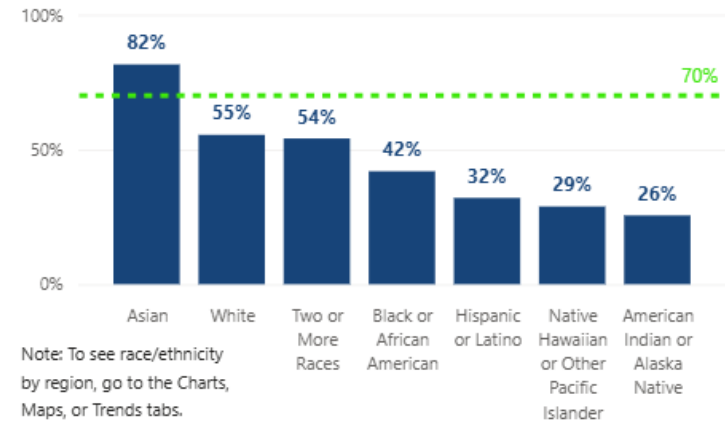
Postsecondary Attainment by Region and Year

20-29% 30-39% 40-49% 50-59% 60-69% 70-100% (Goal Met)



Note: Census year 2020 data is not used per ACS guidelines.

Postsecondary Attainment by Race/Ethnicity and Year



Note: To see race/ethnicity by region, go to the Charts, Maps, or Trends tabs.



Overall Completion Rate
as of October 27th, 2025

14%

▼ 39% vs last year (final rate)

[Dive Deeper →](#)

Completion Rate among FRPL
Students
as of October 27th, 2025

10%

[Dive Deeper →](#)

Number of Completed FAFSAs
as of October 27th, 2025

11,975

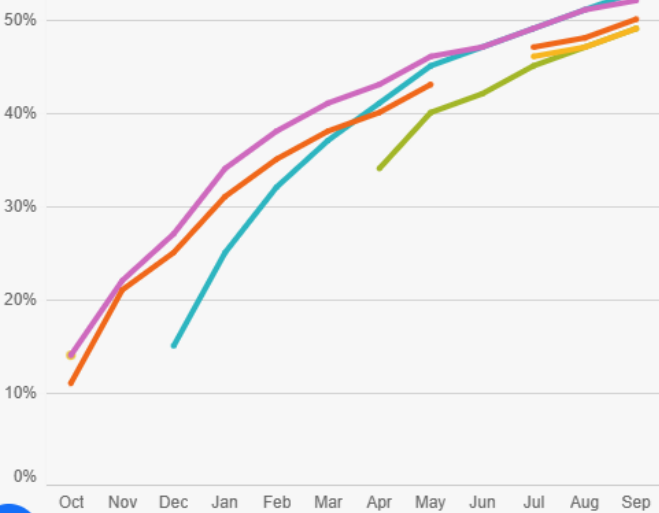
[Dive Deeper →](#)

Expected Number of Seniors
Class of 2026

87,144

Completion rate over the FAFSA cycle by HS Graduation Year

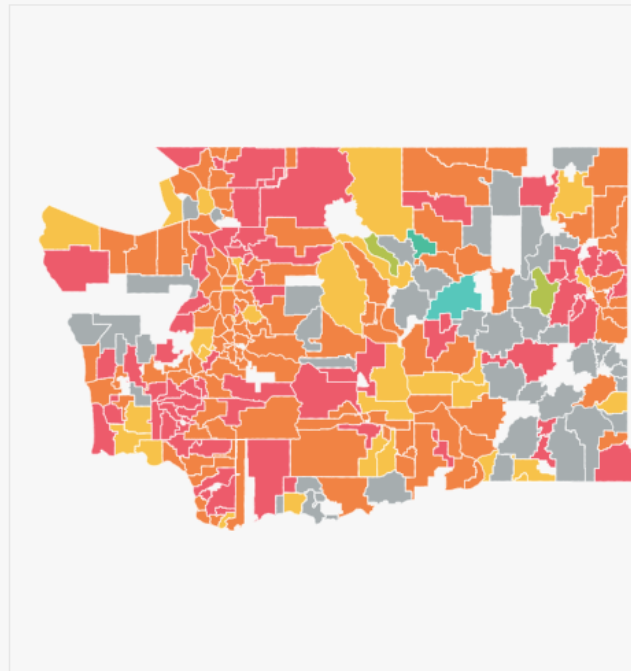
Class of 2021 Class of 2022 Class of 2023 Class of 2024 Class of 2025 Class of 2026



[Dive Deeper →](#)

Completion Rates by Region

ESD map



0% 100%

Filter By ESD

ESD	Completion Rate
Washington State Charter School Com...	21%
ESD 123	16%
ESD 105	16%
ESD 171	15%
ESD 121	15%
ESD 189	13%
ESD 112	12%
ESD 101	12%
ESD 113	11%
ESD 114	9%
Office of Superintendent of Public Instru...	2%
Null	1%
Spokane Public Schools Charter Authori...	

[Dive Deeper →](#)



Washington High Schools FAFSA Completion Leaderboard

Find your school's league

Only public high schools that participate in a WIAA league are included in this leaderboard.

Select your school from the dropdown

East Valley High School (East Valley (Yakima) School D...

Your league:

CWAC
Group - 18

Your ranking:

#7

[View full leaderboard](#)

<https://wsac.wa.gov/policy-research>

