

# Partnering to Improve Hawai'i's Education-to-Workforce Pipeline



**2018 Data Summit**  
May 18, 2018

Stephen Schatz  
Executive Director  
Hawai'i P-20 Partnerships for Education

# Who

## Hawai'i Data eXchange Partnership (DXP)

Hawai'i State Department of Education  
University of Hawai'i  
Department of Labor and Industrial Relations  
Hawai'i State Department of Health  
Department of Human Services

# What

## Partners share data in the Statewide Longitudinal Data System (SLDS)

Managed by Hawai'i P-20 Partnerships for Education

# Why

Understand how individuals progress through the pipeline  
Make better informed decisions to reduce achievement gaps  
Create policies and programs to improve outcomes

# Protecting the confidentiality of data is a foundational commitment.

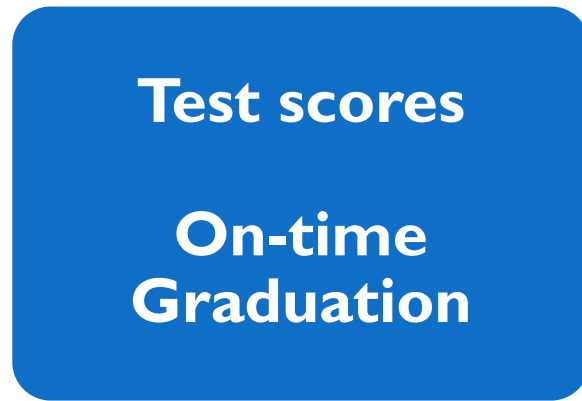
Adhere to all state and federal laws and agency policies

Data are de-identified or summarized

Active data governance program



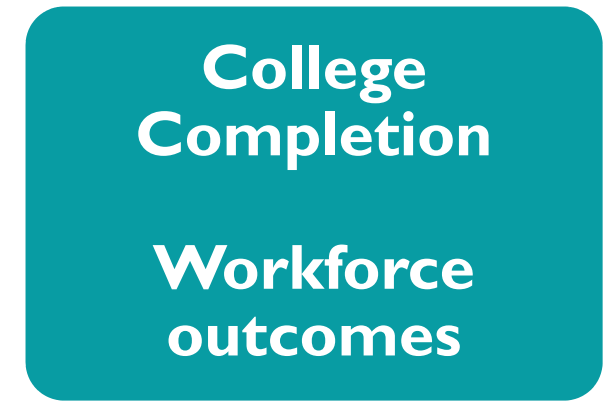
# Where we started



# Initial exploration



# Current focus



## Achievement gaps

Who is underperforming?

## Opportunity gaps

Why are they underperforming?

What opportunities and supports will improve outcomes for these students?

# For every 100 9<sup>th</sup> graders

9<sup>th</sup> grade cohort for the Class of 2013

82

**Graduated  
On Time**  
(by SY2012-2013)

46

**Enroll in  
College  
First Fall**  
(Fall 2013)

35

**Persist  
2nd Fall**  
(Fall 2014)

17

**Completed  
a Degree or  
Certificate  
within 4  
years of  
high school**

...6-year completion TBD

# Our data journey started 10 years ago

FY12 SLDS Grant

FY15 SLDS Grant



DOE-UH-DLIR  
(3-partner MOU)

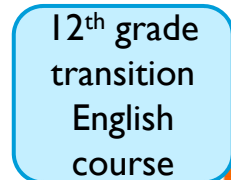
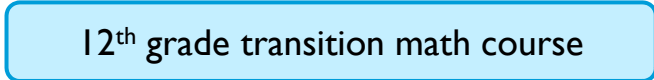
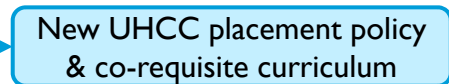
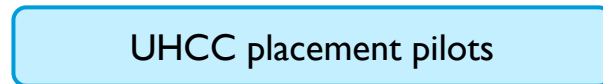
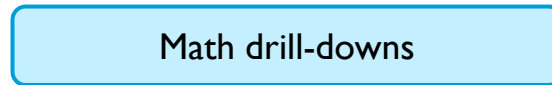
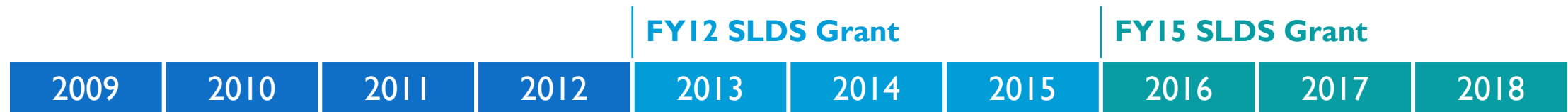
+ DOH-DHS  
(5-partner MOU)

Build the SLDS and  
increase data use

Grant focus on data use

Begin data  
sharing  
DOE-UH-DLIR

# How prepared are DOE graduates for college-level work?



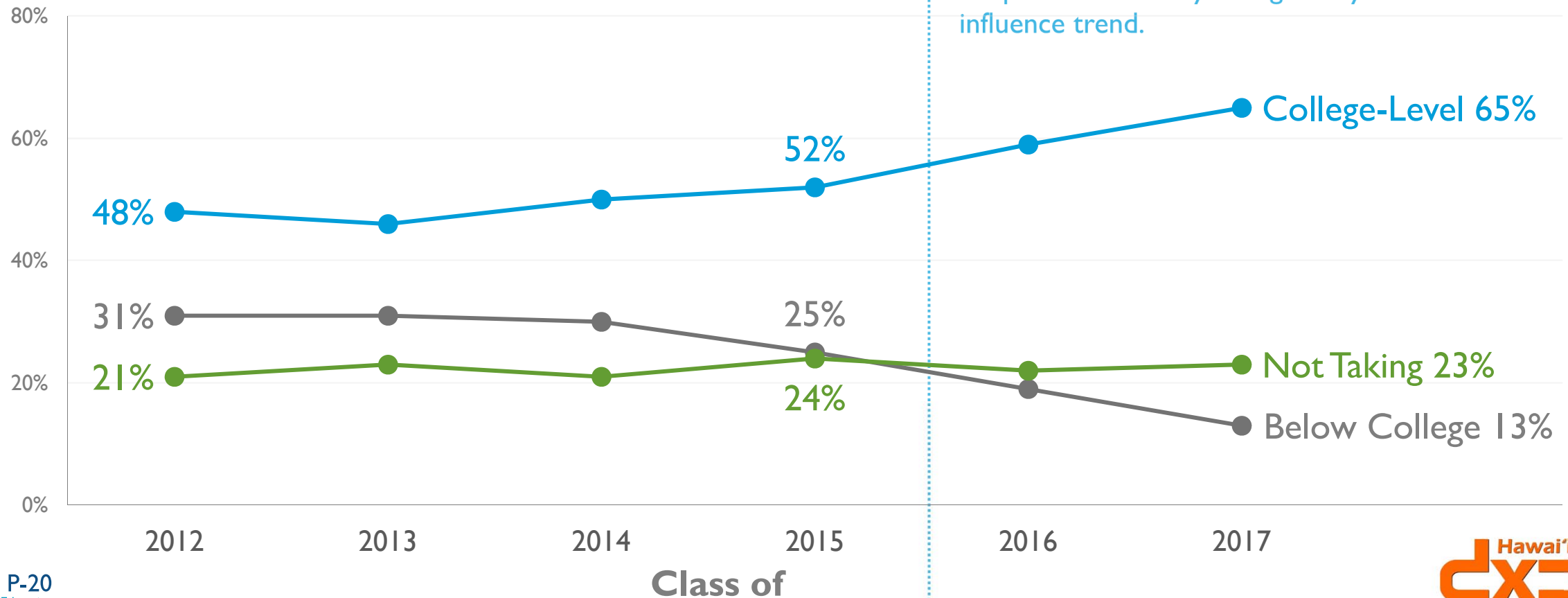
**In progress:**

- Science alignment
- Career and Technical Education alignment
- Middle school transition math course

# More DOE graduates are enrolling in college-level English at UH.

College-level includes credit earned in high school.

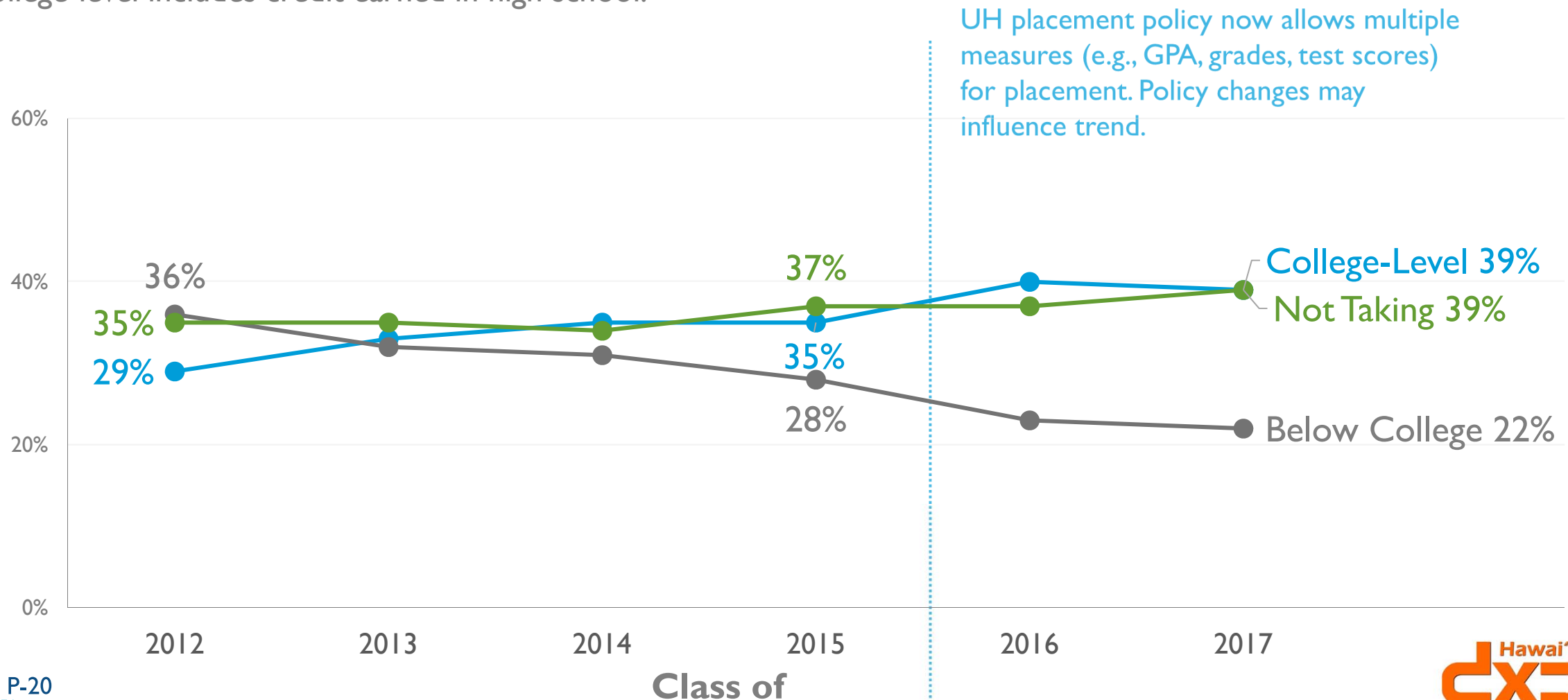
UH placement policy now allows multiple measures (e.g., GPA, grades, test scores) for placement. Policy changes may influence trend.



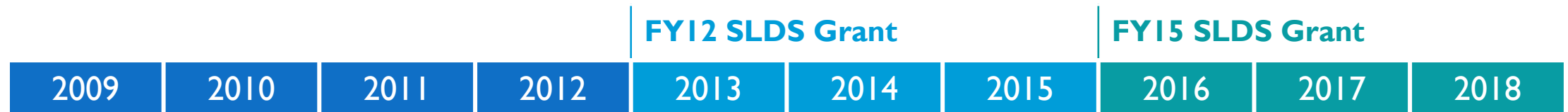


# More DOE graduates are enrolling in college-level Math at UH.

College-level includes credit earned in high school.



# How can we provide students more opportunities to earn college credit?



Dual Credit white paper

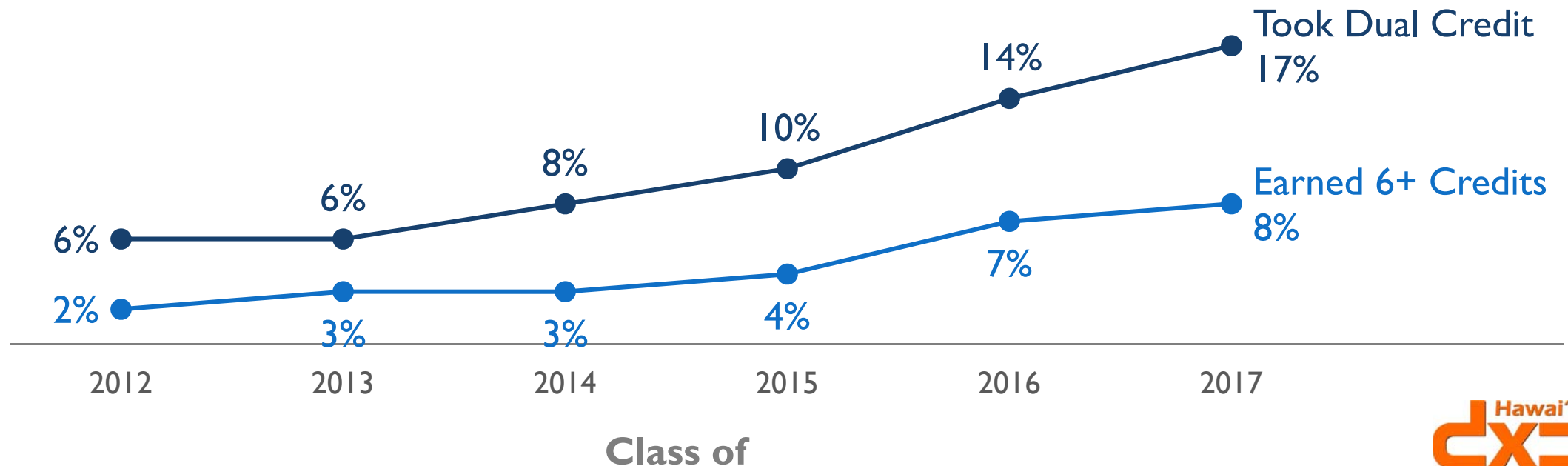
Early College High School (ECHS) Program Grant

Change in statute to expand Running Start

Legislative funding \$1 million per year for Early College

# More students are participating in dual credit.

Dual credit includes Early College.



# CCRI Dashboards

[hawaiiidxp.org/data/ccri](http://hawaiiidxp.org/data/ccri)

## DASHBOARDS

### College & Career Readiness Indicators (CCRI)

- Highlights
- By High School
- By Demographics / Academics**
- By Grad Class
- Glossary
- About

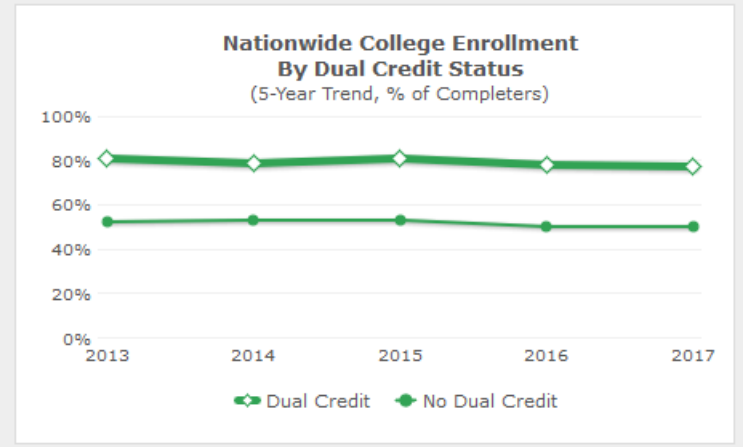
Select Criteria

View:  Metric:  [+ How to use the charts](#)

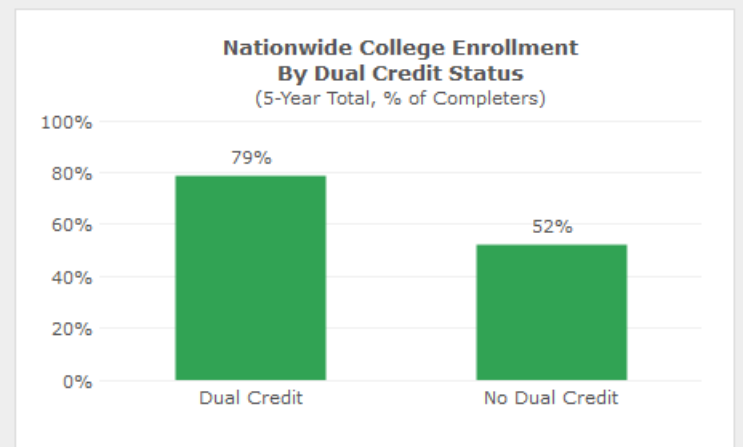
#### Statewide Total

- Gender
- Economic Status
- Race / Ethnicity
- AP Exam
- Dual Credit**
- SBA Proficiency

Class of	No. of Completers	
	Dual Credit	No Dual Credit
2013	722	10,507
2014	879	10,337
2015	1,058	9,869
2016	1,573	9,430
2017	1,823	9,064



Class of	No. of Completers	
	Dual Credit	No Dual Credit
2013 to 2017	6,055	49,207



# Understanding college readiness

**Concurrent Session I**  
10:30 – 11:20 am

**Using Data to Shape  
UH's Returning Adults  
Enrollment Initiative**

**Concurrent Session II**  
1:00 – 1:50 pm

**A High School's  
Journey—Deriving  
Information Value  
from Data**

**The Impact of Early  
College: A Matched-  
Comparison Study**

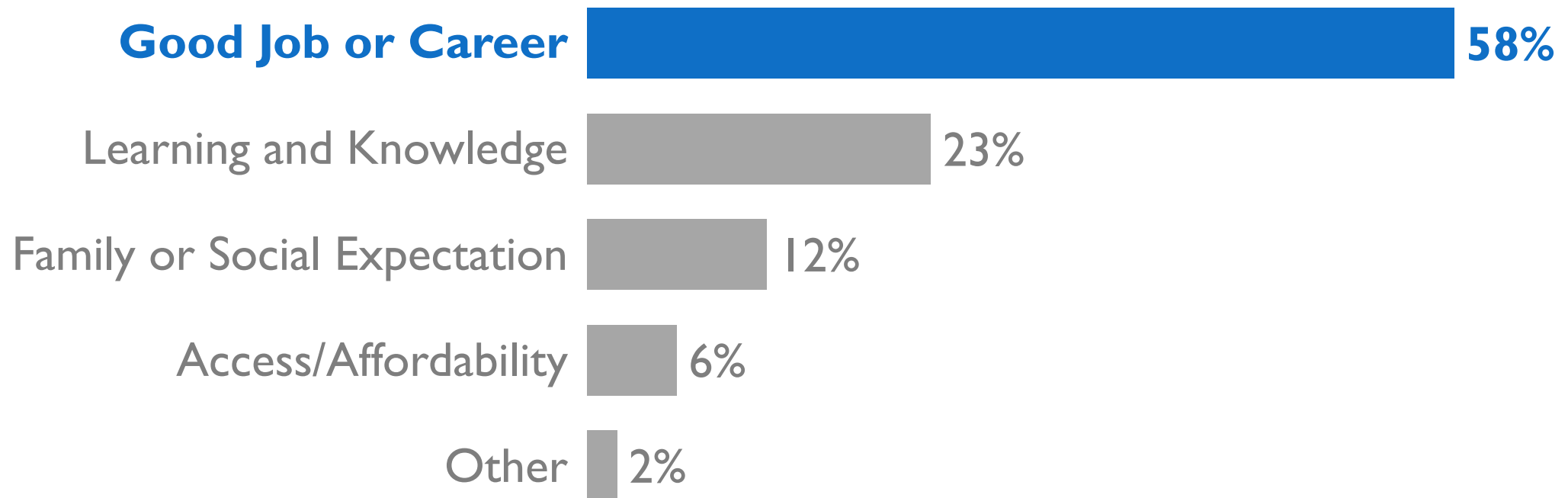
**Concurrent Session III**  
2:10 – 3:00 pm

**Designing Middle  
School Math  
Interventions to Open  
Doors to STEM Careers**

**Strengthening College  
Bound Preparatory  
Activities**

# College readiness and career readiness are connected.

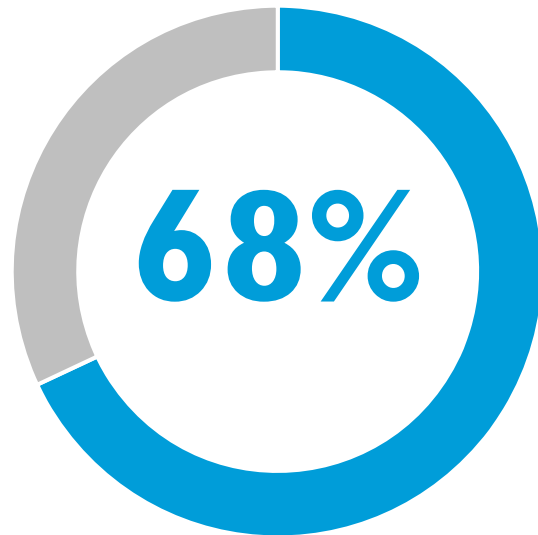
## Main Reason for Choosing Your Highest Level of Education



Source: Gallup/Strada. (2018). Why Higher Ed? <http://news.gallup.com/reports/226457/why-higher-ed.aspx>

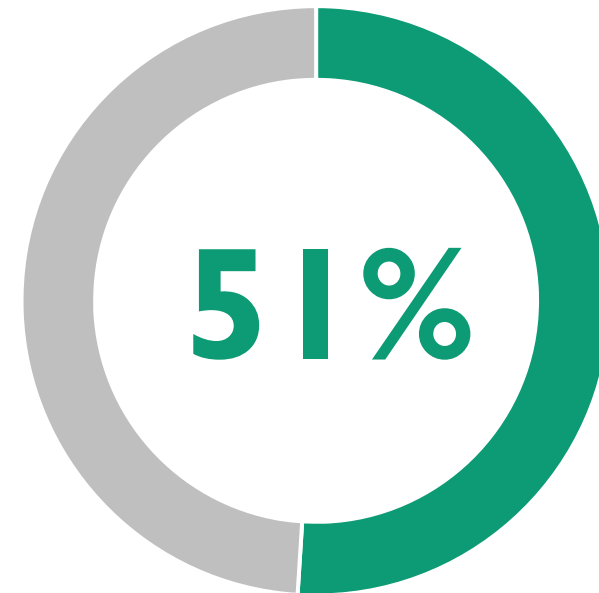
# Education is critical

Having a professional certificate or degree beyond high school is essential for getting a good job



# But many would want a do-over

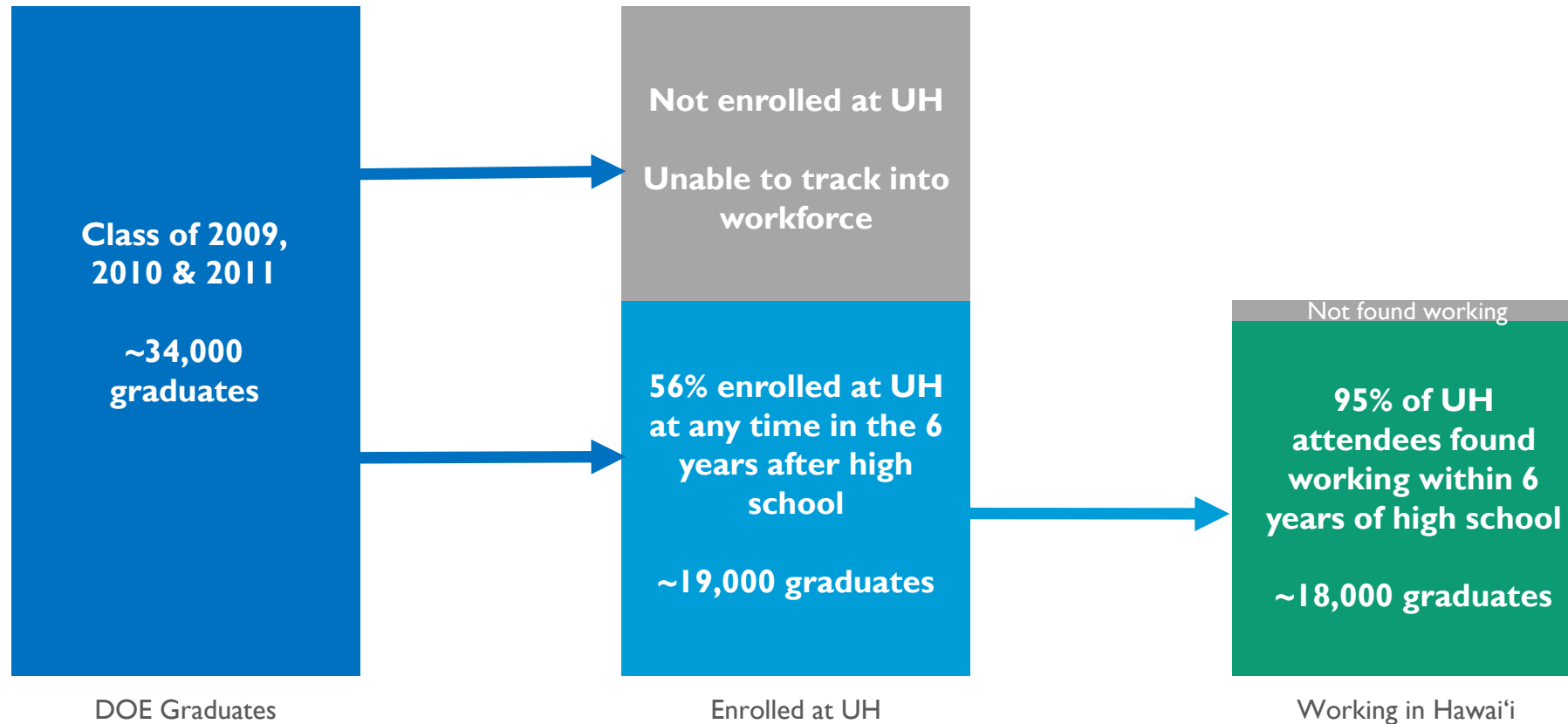
Would change either their degree, institution, or field of study



Source: Gallup/Lumina. (2015). Postsecondary Education Aspirations and Barriers. <https://www.luminafoundation.org/resources/postsecondary-education-aspirations-and-barriers>

Source: Gallup/Strada. (2017). On Second Thought: US Adults Reflect on Their Education Decisions. <http://news.gallup.com/reports/208535/gallup-strada-education-ecp-inaugural-report-2017.aspx>

# Are DOE graduates working after high school? Where are the gaps in data?

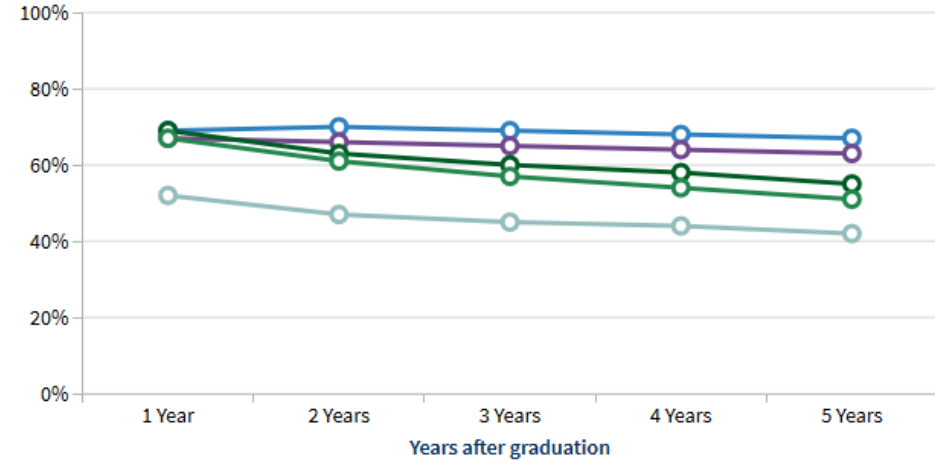




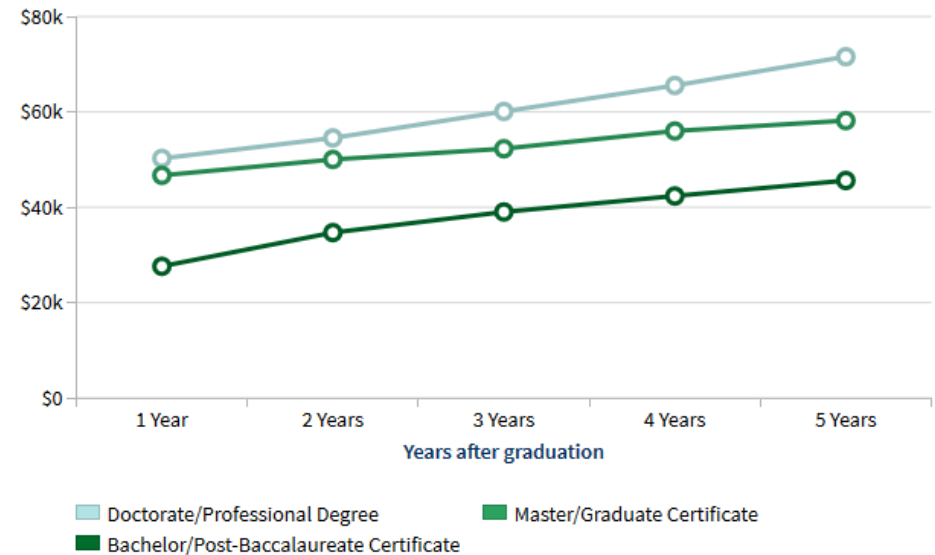
# UH-to-Workforce Dashboards

[hawaiiidxp.org/data/work](http://hawaiiidxp.org/data/work)

University of Hawai'i graduates found in Hawai'i's workforce



University of Hawai'i graduates median wage



# Partnerships beyond public education

## Connect to Careers



## Sector Partnerships



UNIVERSITY of HAWAII®  
**COMMUNITY  
COLLEGES**



Chamber of Commerce HAWAII



## Work-based Learning

Harold K. L. Castle Foundation

Pearl City-Waipahu Complex Area  
Chamber of Commerce Hawaii

Kapaa-Kauai-Waimea Complex Area  
Kauai Planning & Action Alliance

Baldwin-Kekaulike-Maui Complex Area  
UH Maui College

Campbell-Kapolei Complex Area  
KUPU



# Building Hawai'i's workforce

**Concurrent Session I**  
10:30 – 11:20 am

**Want to Increase Access  
to Quality Early  
Childhood Programs?  
Build Hawaii's Workforce!**

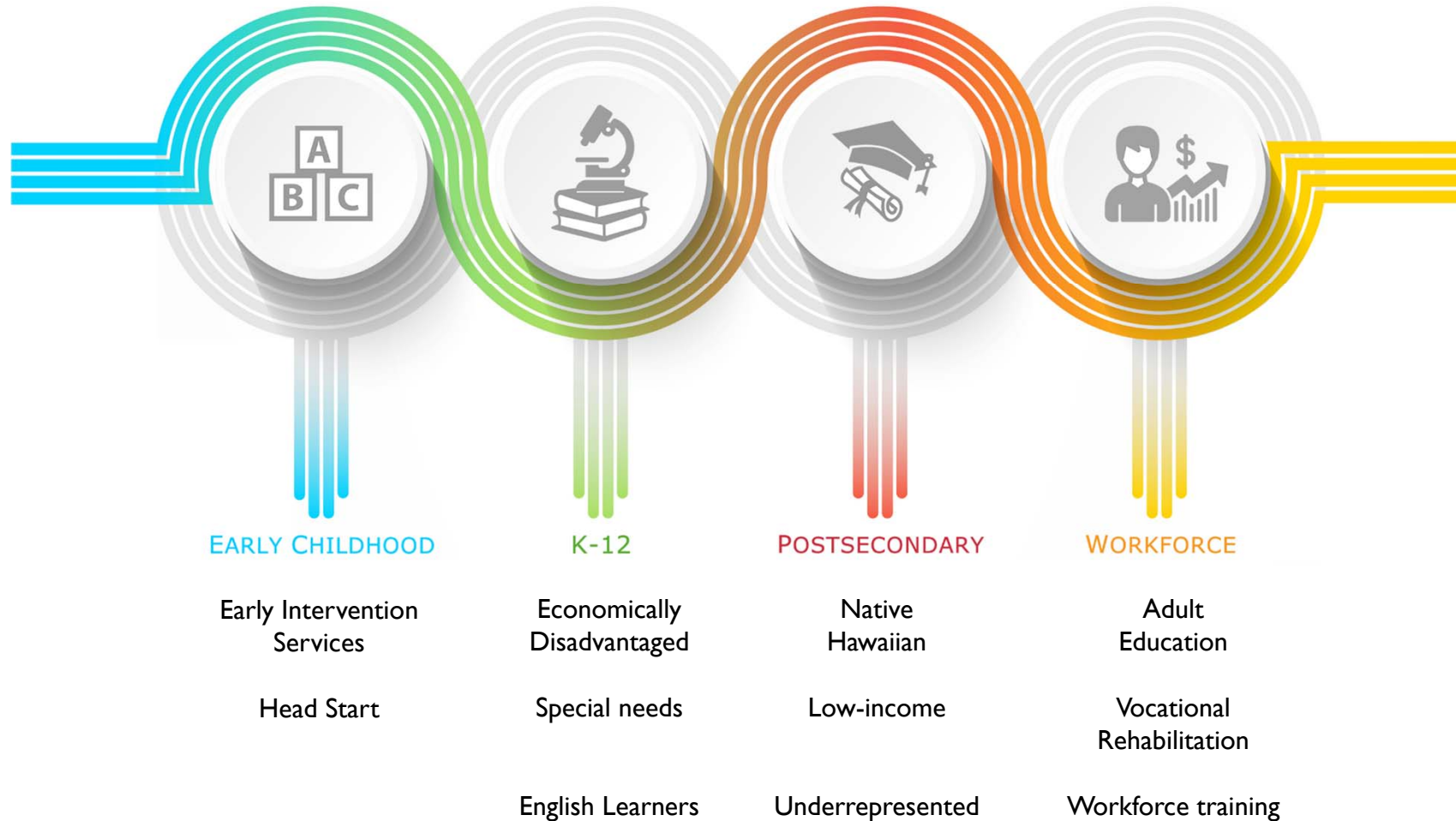
**Concurrent Session II**  
1:00 – 1:50 pm

**Improving the  
Education to Workforce  
Pipeline in Hawaii's  
Early Childhood System**

**Concurrent Session III**  
2:10 – 3:00 pm

**Education to  
Workforce Alignment  
Report – STEM Focus**

# Partners are working to close achievement gaps for their vulnerable populations.



# New DXP Data Sources



**NEW**

Adult Education

**MOU in development**

DOH Early Intervention Services (EIS)

State Head Start programs

DHS Vocational Rehabilitation (DVR)

DLIR Workforce training programs

For every 100 9<sup>th</sup> graders who were:

**Graduated  
On Time**

**Enroll in College  
First Fall**

**Persist  
2<sup>nd</sup> Fall**

**Degree/Certificate  
Within 4 Years**

**STATEWIDE**

82

46

35

17

**Economically  
Disadvantaged**

79

36

25

12

**English Language  
Learner**

73

27

20

10

**Native Hawaiian**

79

35

21

9

# Examining outcomes for vulnerable populations

**Concurrent Session I**  
10:30 – 11:20 am

**Charting a Native Hawaiian Post-Secondary Journey: Findings from the UH Comprehensive Title III Evaluation**

**Using Data to Improve English Learners' Access to Education-to-Workforce Pipeline**

**Concurrent Session II**  
1:00 – 1:50 pm

**Native Control of Native Education:  
Designing a Native Hawaiian Research Agenda**

**Concurrent Session III**  
2:10 – 3:00 pm

# Data are critical to strengthening the education-to-workforce pipeline.



- FY15 SLDS Grant funds ending
- Without permanent funding, capacity to fulfill requests will be severely limited



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10:30 – 11:20 am**

**Concurrent Session II  
1:00 – 1:50 pm**

**Concurrent Session III  
2:10 – 3:00 pm**

**Hibiscus/  
Ilima**

**Charting a Native Hawaiian  
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Findings from the UH  
Comprehensive Title III  
Evaluation**

**A High School's  
Journey—Deriving  
Information Value from  
Data**

**Designing Middle School  
Math Interventions to  
Open Doors to STEM  
Careers**

**Pikake**

**Using Data to Shape  
UH's Returning Adults  
Enrollment Initiative**

**The Impact of Early  
College: A Matched-  
Comparison Study**

**Strengthening College  
Bound Preparatory  
Activities**

**Ohia**

**Want to Increase Access  
to Quality Early  
Childhood Programs?  
Build Hawaii's Workforce!**

**Improving the Education  
to Workforce Pipeline in  
Hawaii's Early Childhood  
System**

**Education to Workforce  
Alignment Report –  
STEM Focus**

**Kamani**

**Using Data to Improve  
English Learners' Access  
to Education-to-  
Workforce Pipeline**

**Native Control of Native Education:  
Designing a Native Hawaiian Research Agenda**



# HAWAI'I P-20

## Partnerships for Education

*Spark. Transform. Excel.*

FOR QUESTIONS, CONTACT:

STEPHEN SCHATZ  
Executive Director  
[sschatz@hawaii.edu](mailto:sschatz@hawaii.edu)  
(808) 956-3256

JEAN OSUMI  
Project Director  
[josumi@hawaii.edu](mailto:josumi@hawaii.edu)  
(808) 956-7101

[www.hawaiidxp.org](http://www.hawaiidxp.org)  
[www.p20hawaii.org](http://www.p20hawaii.org)