



California Community Colleges

# Strong Workforce Program Dashboard

## 2022 Release Webinar

November 10, 2022

Bitly link for PPT: <http://bit.ly/LBSWP-11102022>

# Welcome

## **Sandra Sanchez**

Vice Chancellor

Economic and Workforce Development

California Community Colleges Chancellor's Office

## **John J. Hetts**

Executive Vice Chancellor

Office of Innovation, Data, Evidence, and Analytics

California Community Colleges Chancellor's Office





# Reminders

- Chat is disabled, but presenters will post links and other information in chat
- Link to the presentation slide deck will be available in chat
- Participants should use the Q&A feature to ask questions, which will be answered live or directly in the Q&A

# Objectives

Participants will better understand:

- Statewide Career Education key outcomes understood through data displayed on the SWP dashboard
- Importance and use of SWP data in the dashboard
- How to navigate SWP to find information that is relevant to your work especially for closing persistent equity gaps in Career Education programs
- How to export the SWP data and navigate the elements



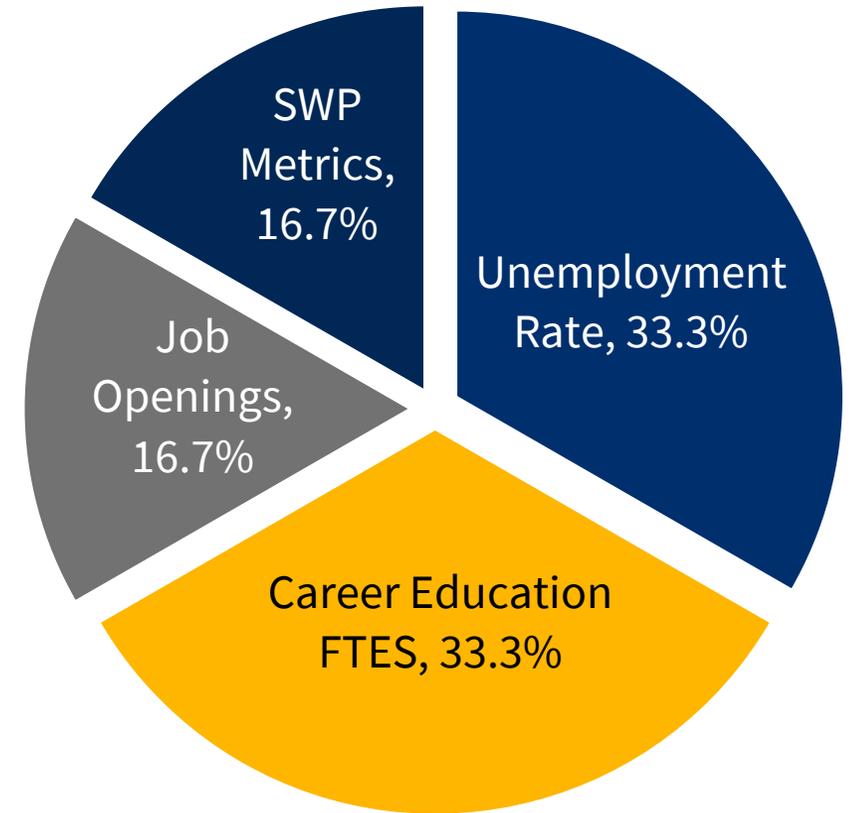
# Determining SWP Funding

How are SWP allocations calculated.

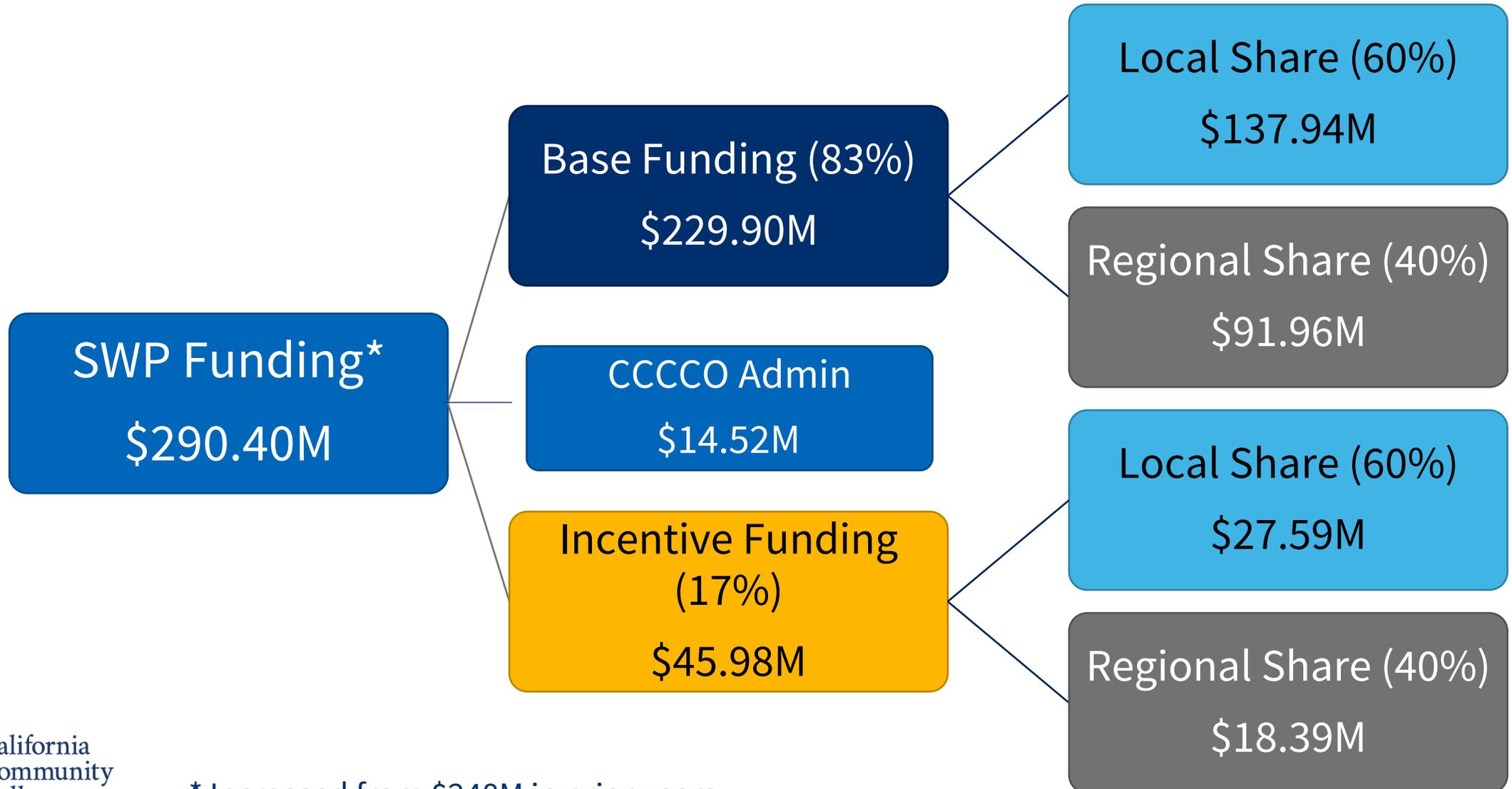
# Strong Workforce Program Funding Model

Funding is *calculated each year* according to the factors prescribed in legislation

Factors		Proportions
Base Funding	Unemployment Rate	1/3
	Career Education FTES	1/3
	Job Openings	1/6
Incentive Funding	SWP Metrics	1/6



# 2021-22 SWP Funding Model

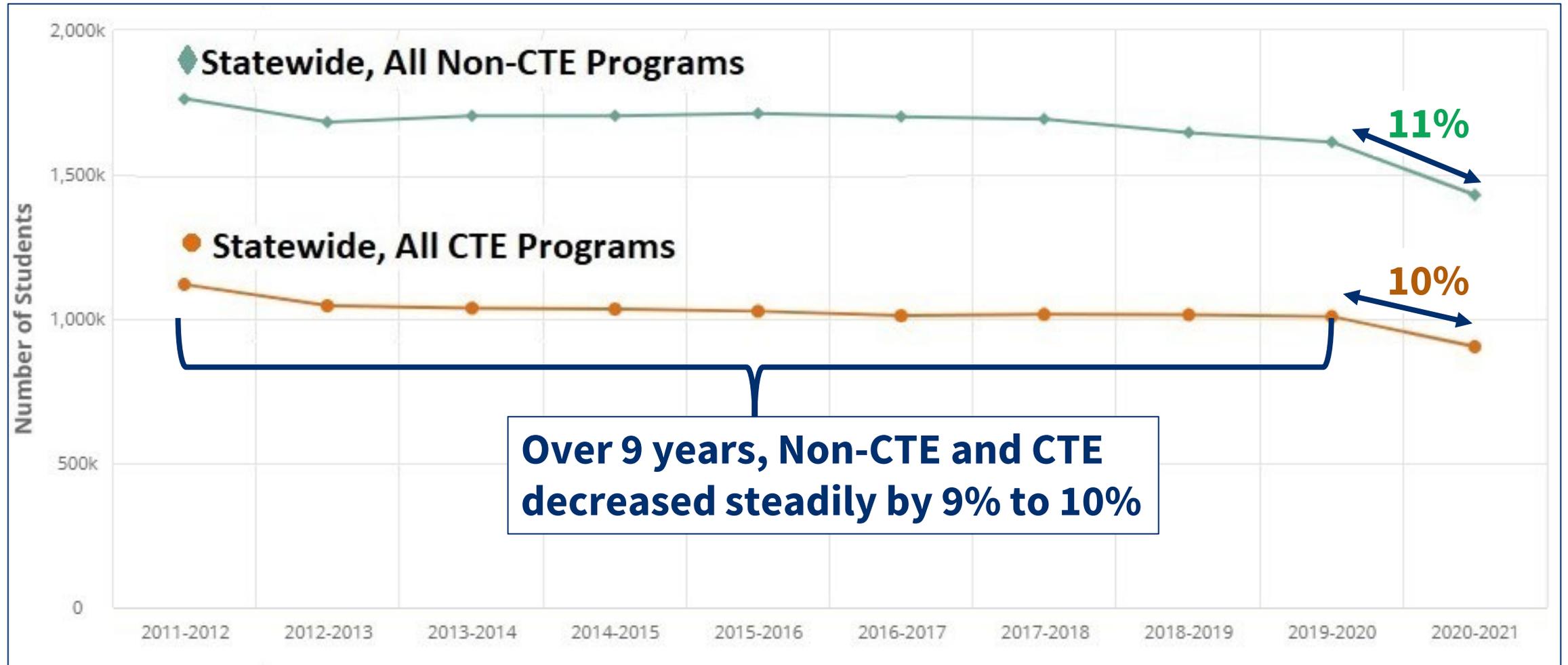




# Statewide SWP Outcomes

A 'State of the System' overview of CTE students and programs across the state

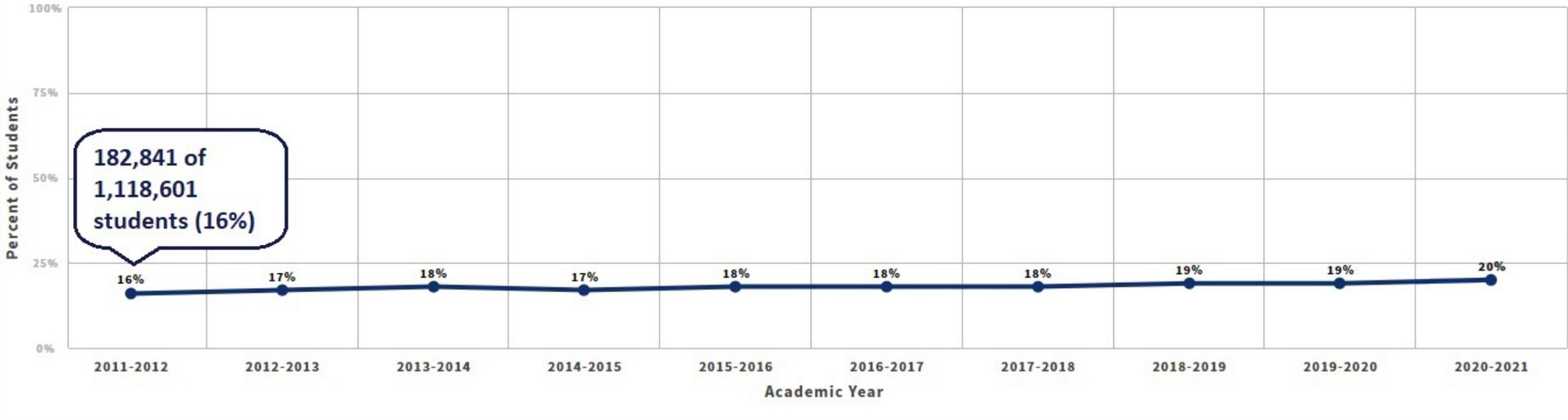
# Decline: Statewide in Number of Students



# Flat: Earned 9+ CTE Units

## SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year

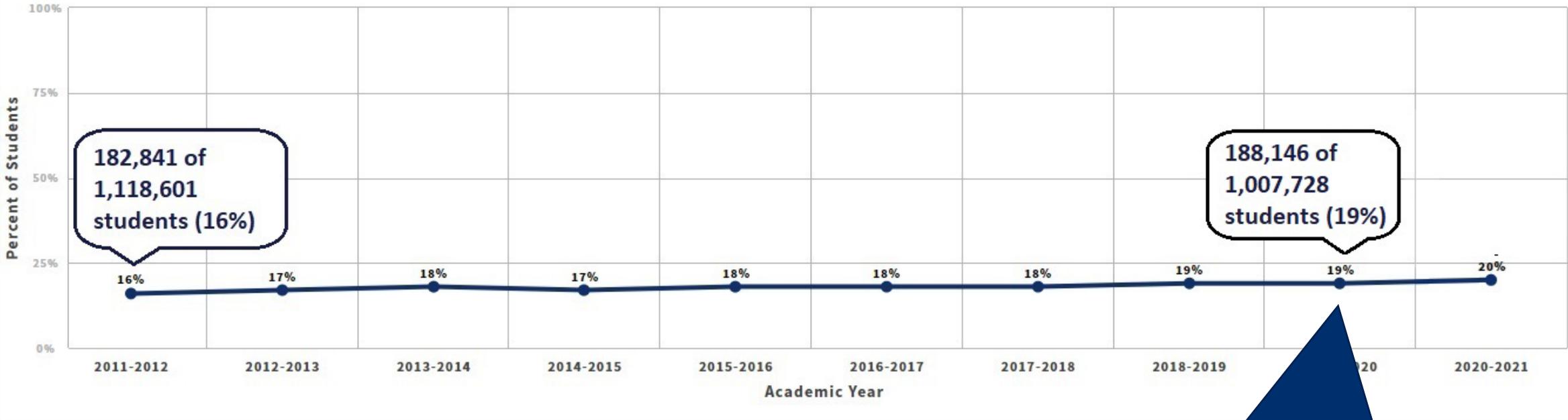
Among all SWP students, the proportion who successfully completed nine or more career education semester units in the selected year within a single district



# Flat: Earned 9+ CTE Units

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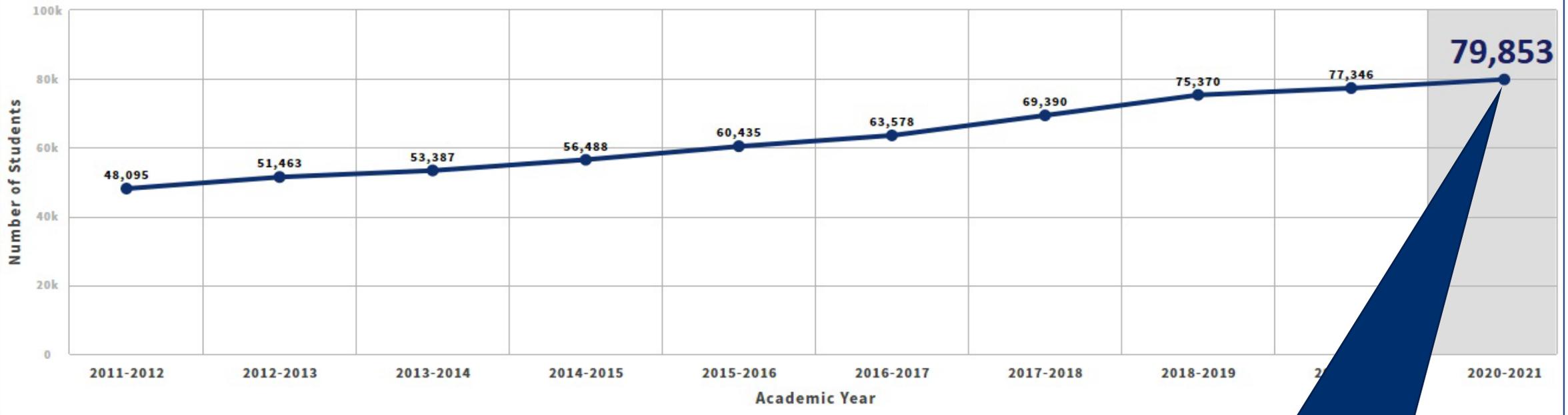


**9 years later, very little change in the % of students who earned 9+ CTE units**

# Steady Increase: Number of CTE Completers

## SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status

Number of unduplicated SWP students who earned a certificate, associate degree, and/or CCC baccalaureate degree on a TOP code assigned to a vocational sector or who attained apprenticeship journey status on a vocationally flagged TOP code in the selected year

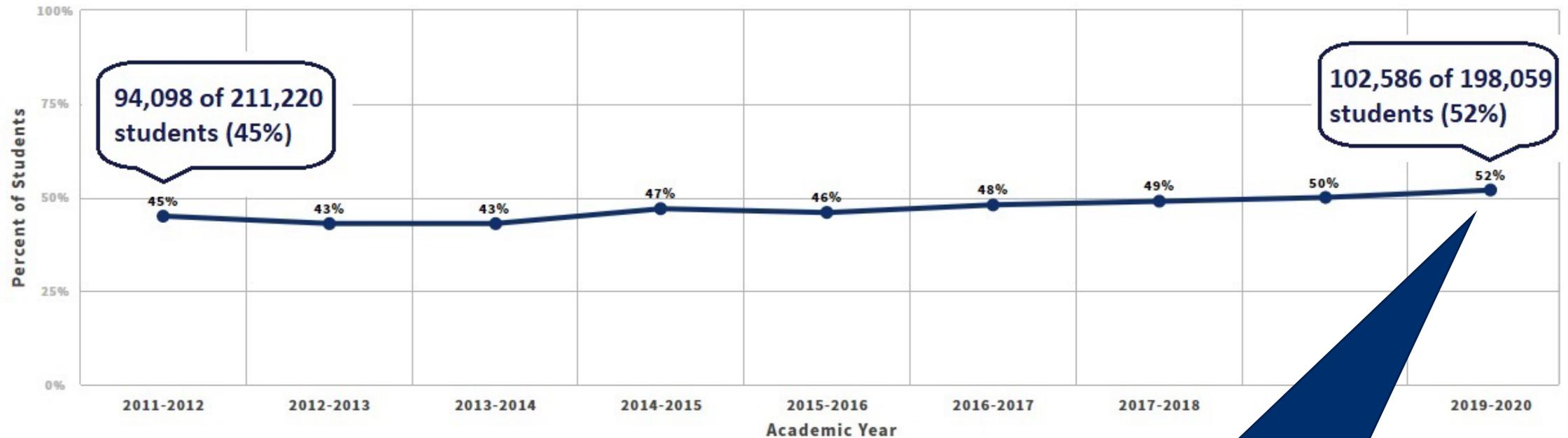


**Nearly 80,000 students completed a CTE award or apprenticeship in 2020-21 or a 66% increase from 2011-12**

# More Complex: Attained a Living Wage

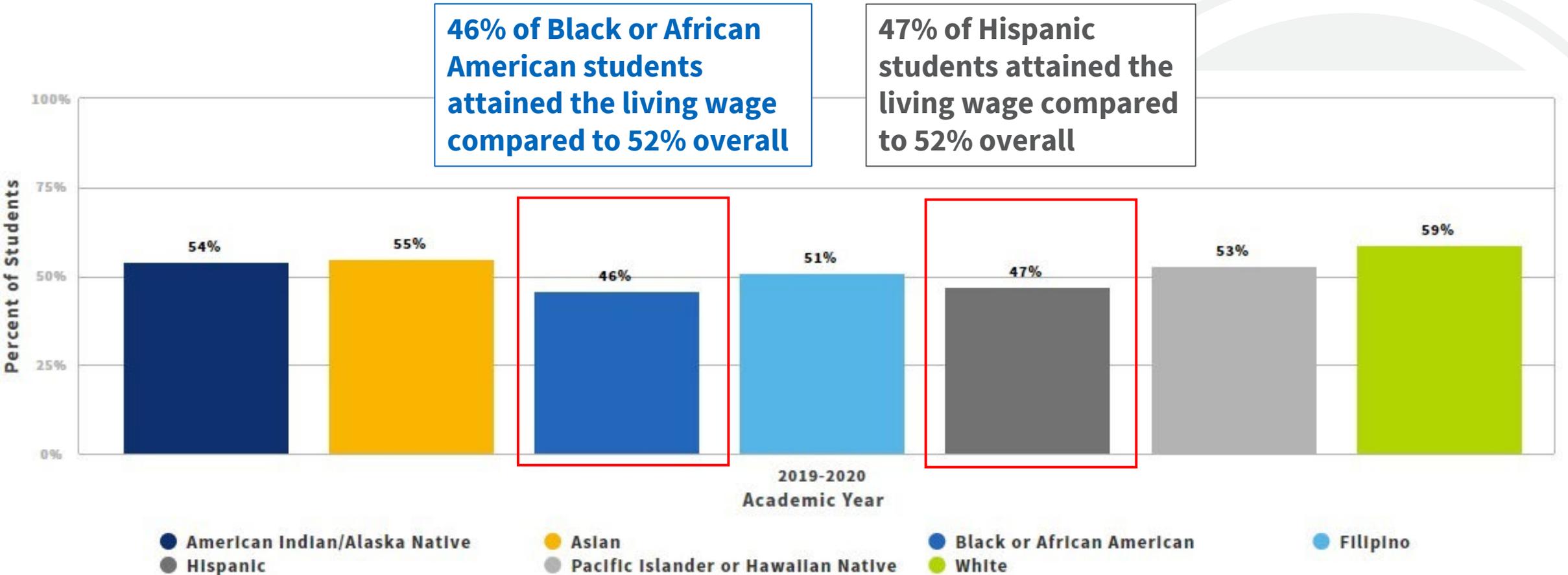
## SWP Exiting Students Who Attained the Living Wage

Among SWP students who exited college and did not transfer to any postsecondary institution, the proportion who attained the district county living wage for a single adult measured immediately following academic year of exit



**Nearly 102,590 CTE students attained the living wage in 2019-20 or a 9% increase in numbers but small % increase**

# Are those living wage percentages equitable?





# Data matters

- To students
- To the system
- To the state

# Accountability to our students

The Strong Workforce Dashboard provides data that can be used during program review to identify:

- **Successes** to be expanded to benefit more of our students
- **Concerning outcomes** that help focus our improvement efforts
- **Equity gaps** between student groups to target our interventions



# Why do these data matter to the State?

The State wants to know the **return on investments** and if funding is having an **impact on student outcomes** from education to workforce.

To develop more workforce opportunity and lift low-wage workers into living-wage jobs, California took a bold step in 2016 to create one million more middle-skill workers. At the recommendation of the California Community College Board of Governors, the [Governor and Legislature approved the Strong Workforce Program](#), adding a new annual recurring investment of \$248 million\* to spur career technical education (CTE) in the nation's largest workforce development system of 115 colleges.



# The LaunchBoard

An overview of key metrics and functionality in SWP and CCP Dashboards

# The LaunchBoard



The LaunchBoard, a statewide data system supported by the California Community Colleges Chancellor's Office and hosted by Cal-PASS Plus, provides data on progress, success, employment, and earnings outcomes for California community college students. [Find out more about the LaunchBoard dashboards here.](#)

**Student Success Metrics Dashboard**  
View student progression along various educational journeys, from recruitment to completion, transfer, and the workforce.

[Explore](#)

**Community College Pipeline**  
Community college offerings, student characteristics, milestones, completion, and employment outcomes to support program review and planning.

[Explore](#)

**Adult Education Pipeline**  
Comprehensive, multi-level data on student demographics, enrollment, outcomes, types of services received, and employment using new adult education data and accountability metrics.

[Explore](#)

**Strong Workforce Program**  
Completion and employment data for examining long-term outcomes.

[Explore](#)

**K-14 CTE Transitions**  
Examine outcomes for high school CTE students after they enroll in community college.

[Explore](#)

**Guided Pathways**  
First-year momentum points for evaluating college redesign efforts.

[Explore](#)

**Resources**  
Access infographics, short videos, and guides to learn how to use LaunchBoard information to support educational improvement efforts.

[Explore](#)

Developed in Partnership With



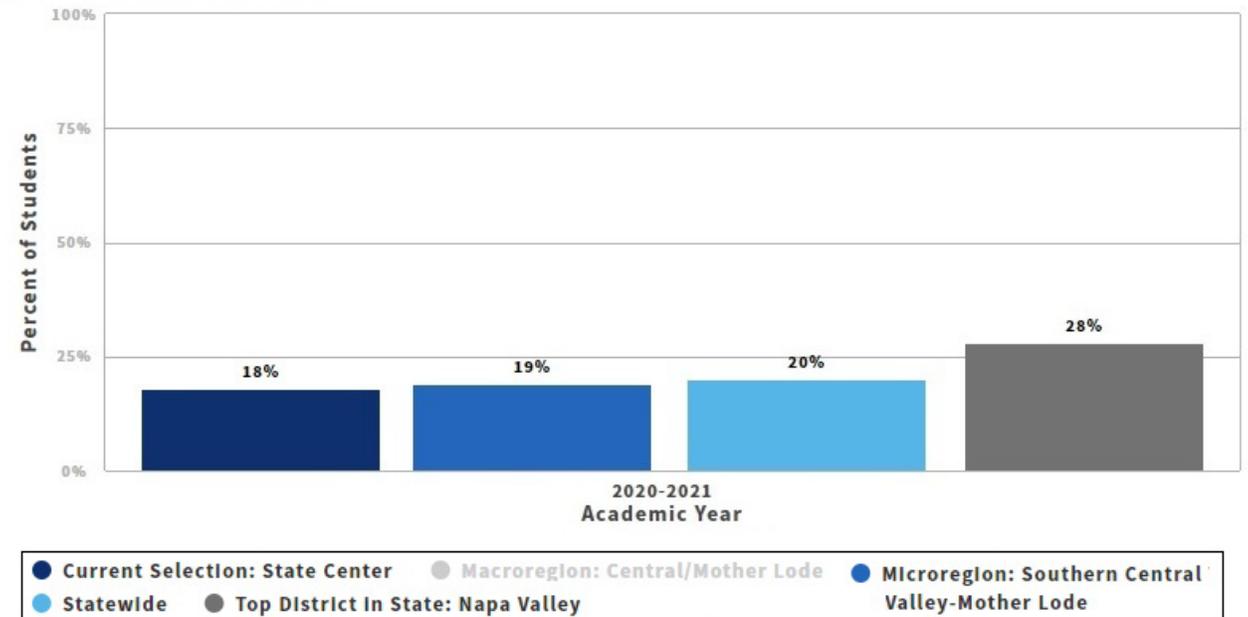
# Why the SWP Dashboard?

## Unique functionality to inform analysis and inquiry:

- Data included from 2011-12 to most current year available
- Comparisons and benchmarking
- Disaggregation
- Display by college, district, microregion, macroregion and statewide
- Display by All CTE Programs, sectors, TOP04 and TOP06

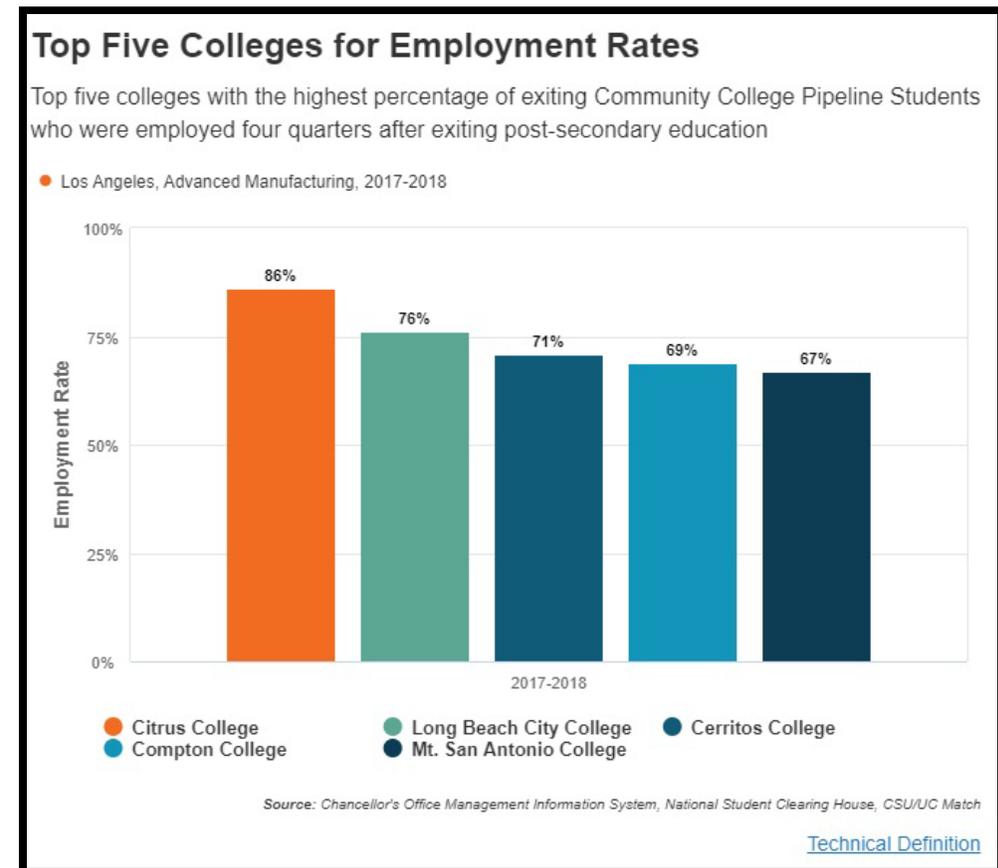
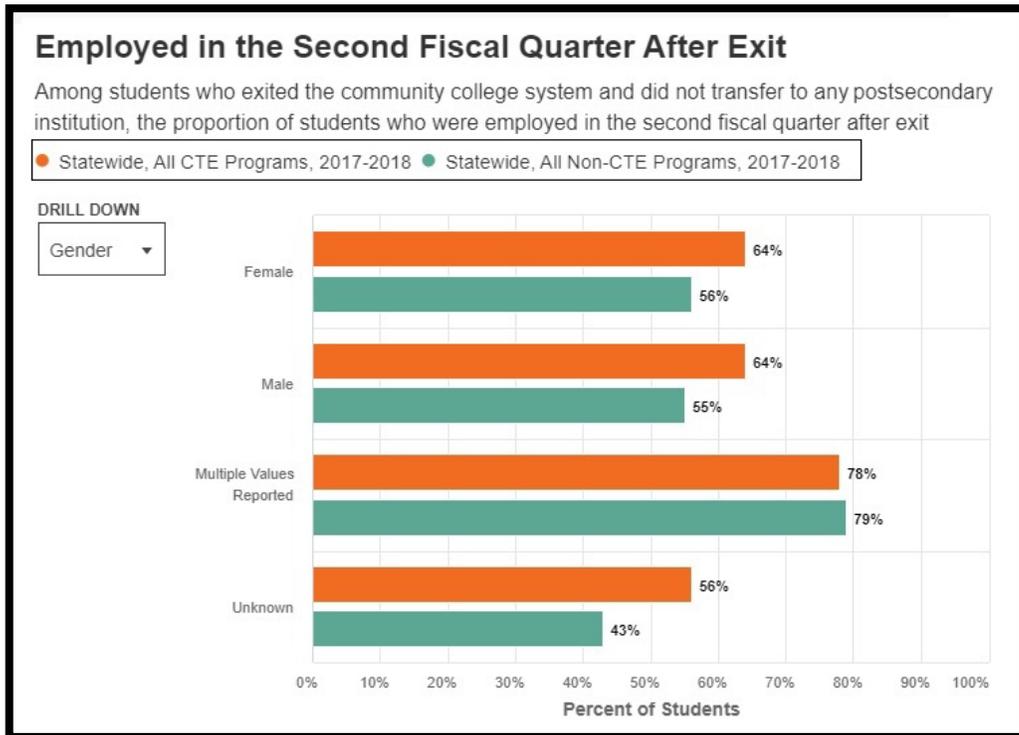
### SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year

Among all SWP students, the proportion who successfully completed nine or more career education semester units in the selected year within a single district



# Community College Pipeline (CCP) Dashboard

CCP offers additional information & metrics for Career Education Students or All CTE Programs and allows for comparisons with All Non-CTE Programs





# Updates to the SWP dashboard

Updates for 2021-22

# Quick Review of SWP Updates

- **Noncredit SWP Students:** two updates
  - **12 Hour Positive Attendance Hours Minimal Enrollment Requirement for Noncredit:** carried forward Spring 2020 special COVID logic where ONLY enrollment in noncredit needed for noncredit students to be included all terms in 2020-21\*
  - **Positive Attendance Hours Earned on 493009 Supervised Tutoring and 493014 Study Skills:** not included for the 12-hour threshold to better align with Adult Education Pipeline

**NOTE: Added two new locales:** Madera College in the State Center District and CalBright College and California Online District

## IMPACTS

- ➔ More noncredit students included in Spring 2020 and 2020-21 since threshold of 12 hours not applied
- ➔ Slightly fewer noncredit students included for Noncredit Workforce Milestone for a handful of colleges

# Quick Review of SWP Updates

- **Completion and Attained Apprenticeship Journey Level Status:** Alignment for unique student identifier to the rest of the dashboard
- **Indexing Wages for a Timeline Display:** adjusted for inflation using CPI extracted from CA Department of Finance
- **Living Wage:** updated to 2021 living wages from 2020

## IMPACTS



More students counted for Apprenticeship especially in earlier years



Wages are adjusted upwards to equate to 2021 wages for a timeline display



Living wages are higher by 3% to 19% depending on the county



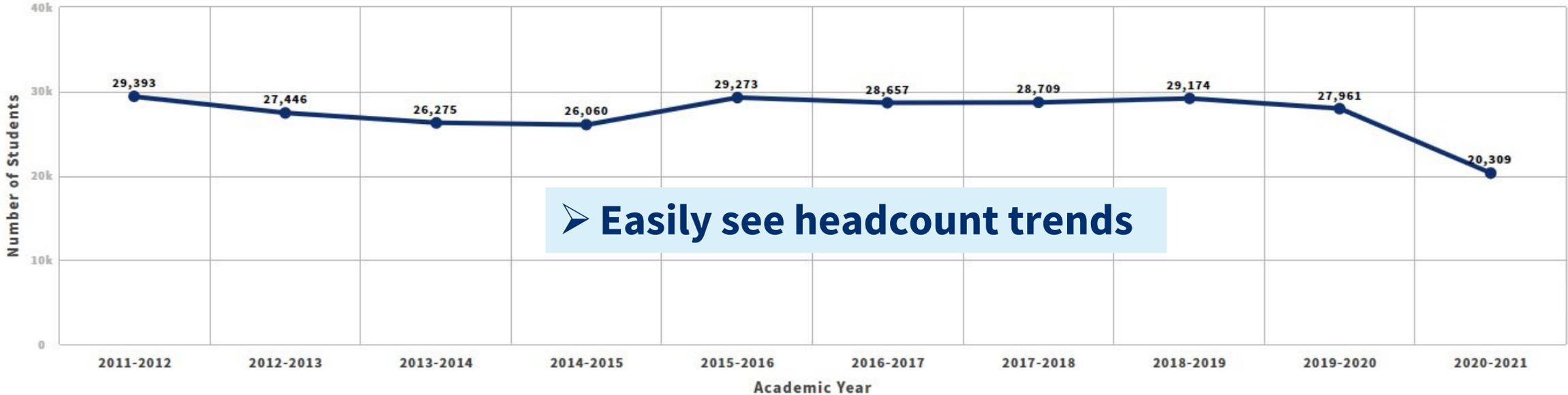
# Live Demo

Screen shots from Navigation Demo of the SWP dashboard

# 10-Year Time Trends

## Strong Workforce Program Students

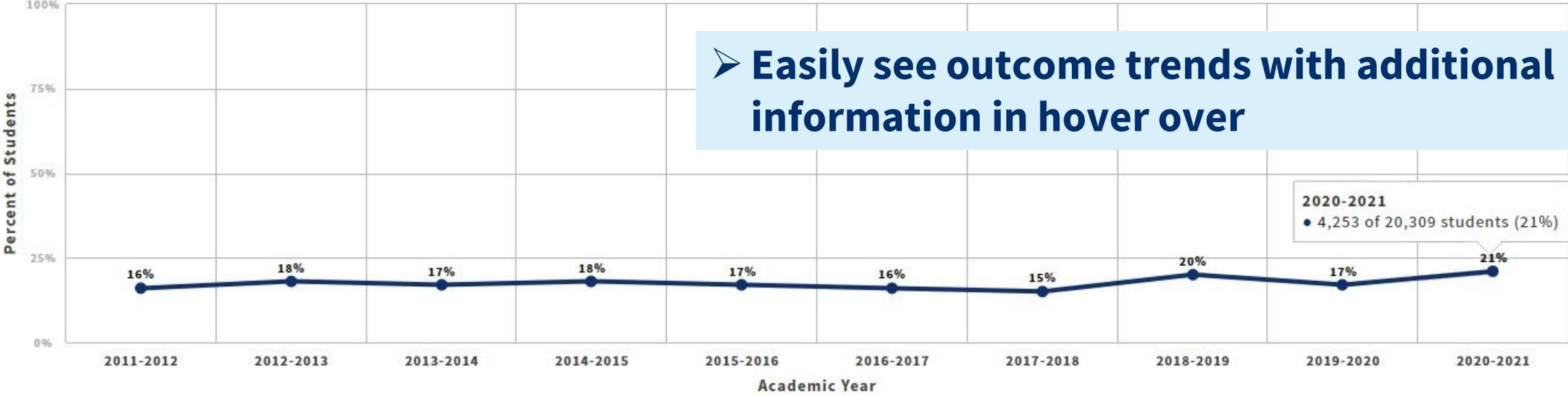
All students who took at least 0.5 units in any single credit course or who had at least 12 positive attendance hours in any noncredit course(s) in the selected year or who enrolled in noncredit course(s) in Spring 2020 or any term in academic year 2021 and who enrolled on a TOP code that is assigned to a vocational industry sector in the selected year



# 10-Year Time Trends

## SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year

Among all SWP students, the proportion who successfully completed nine or more career education semester units in the selected year within a single district

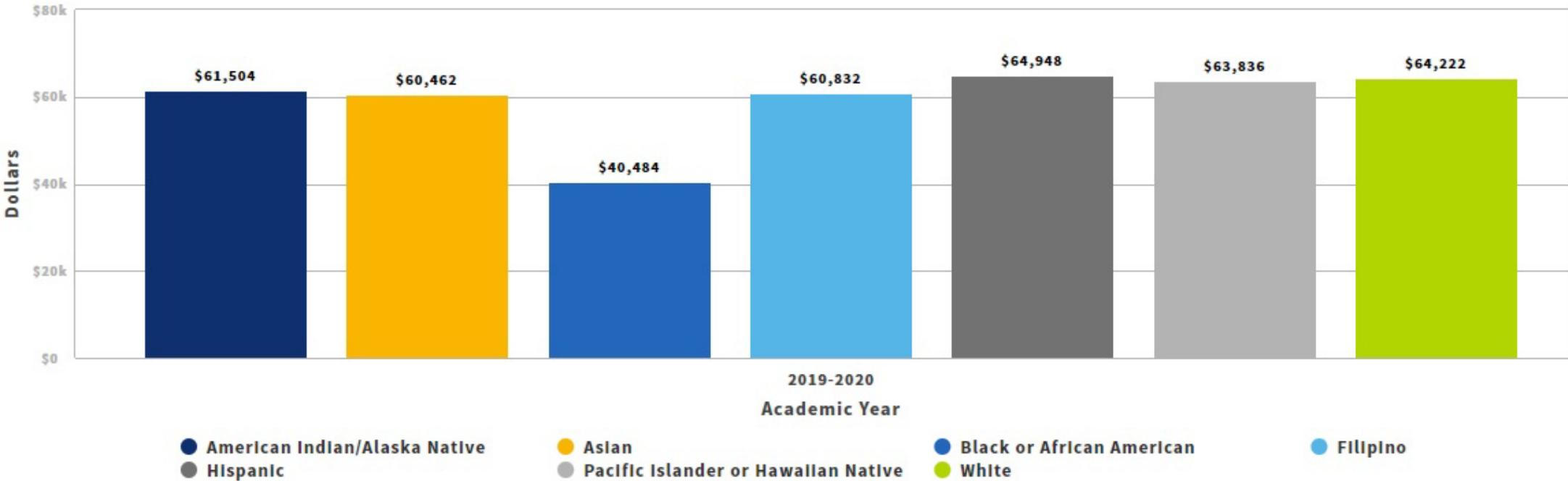


➤ Easily see outcome trends with additional information in hover over

# Compare Outcomes by Demographics

## Median Annual Earnings for SWP Exiting Students

Among SWP students who exited the community college system and who did not transfer to any postsecondary institution, median earnings following the academic year of exit

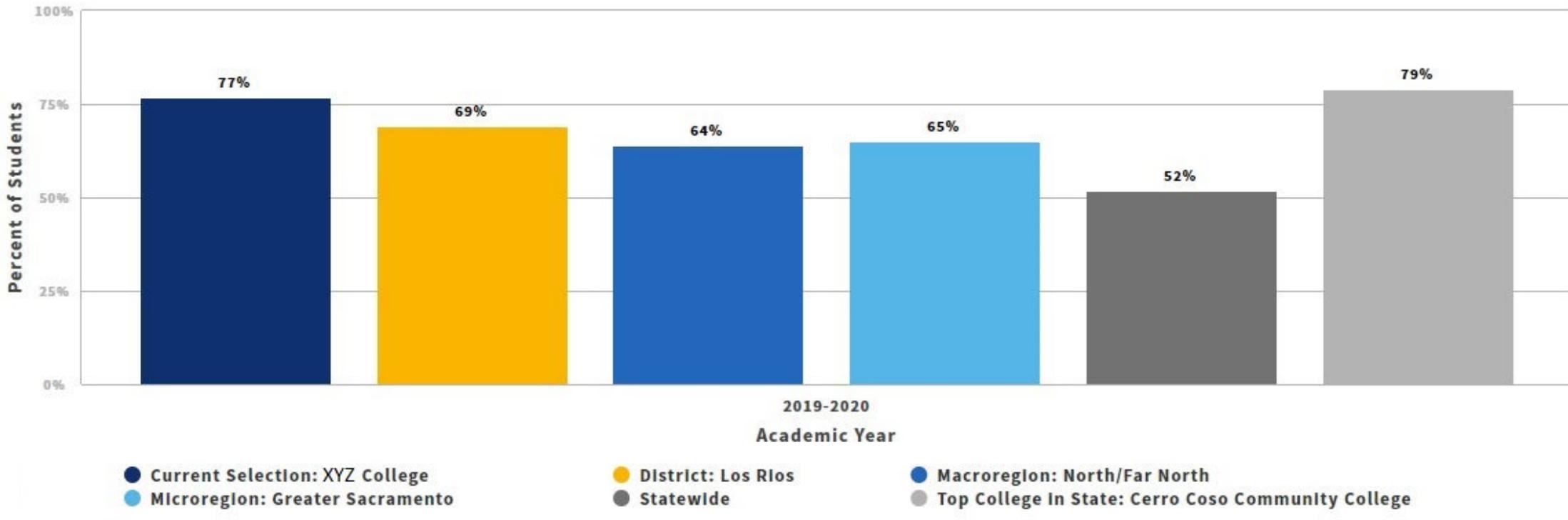


➤ Easily compare outcomes for student populations

# Benchmarks

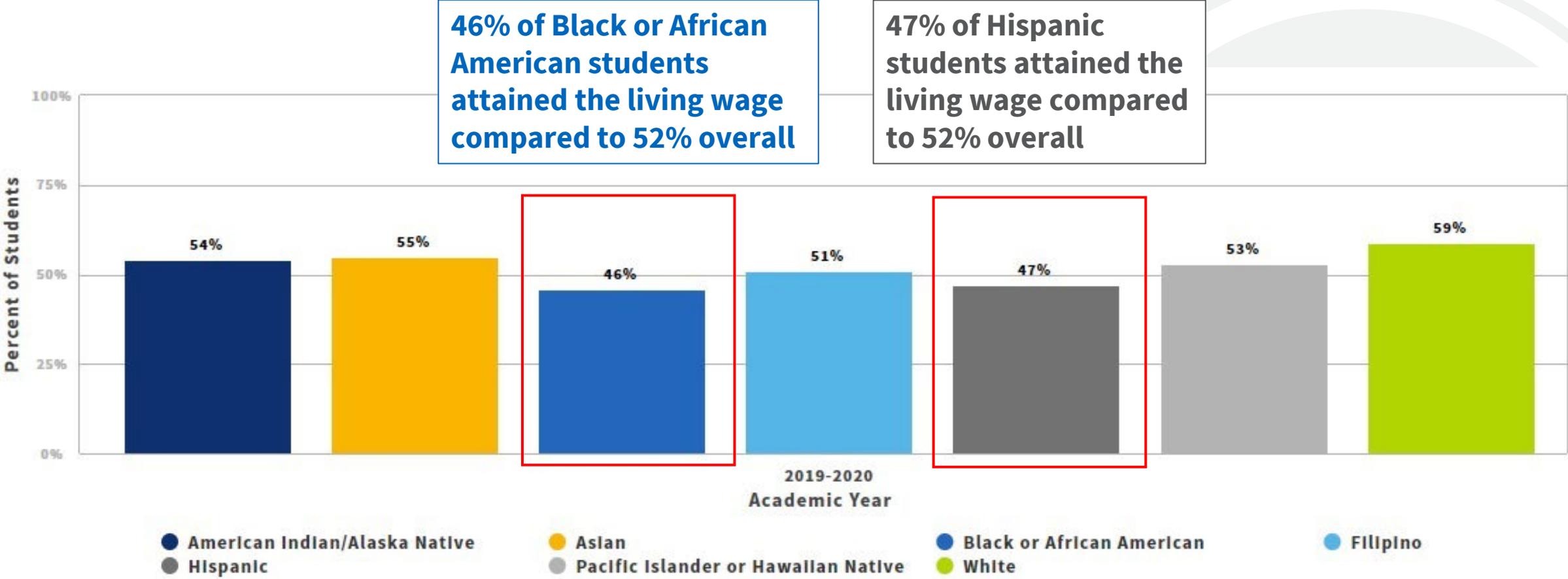
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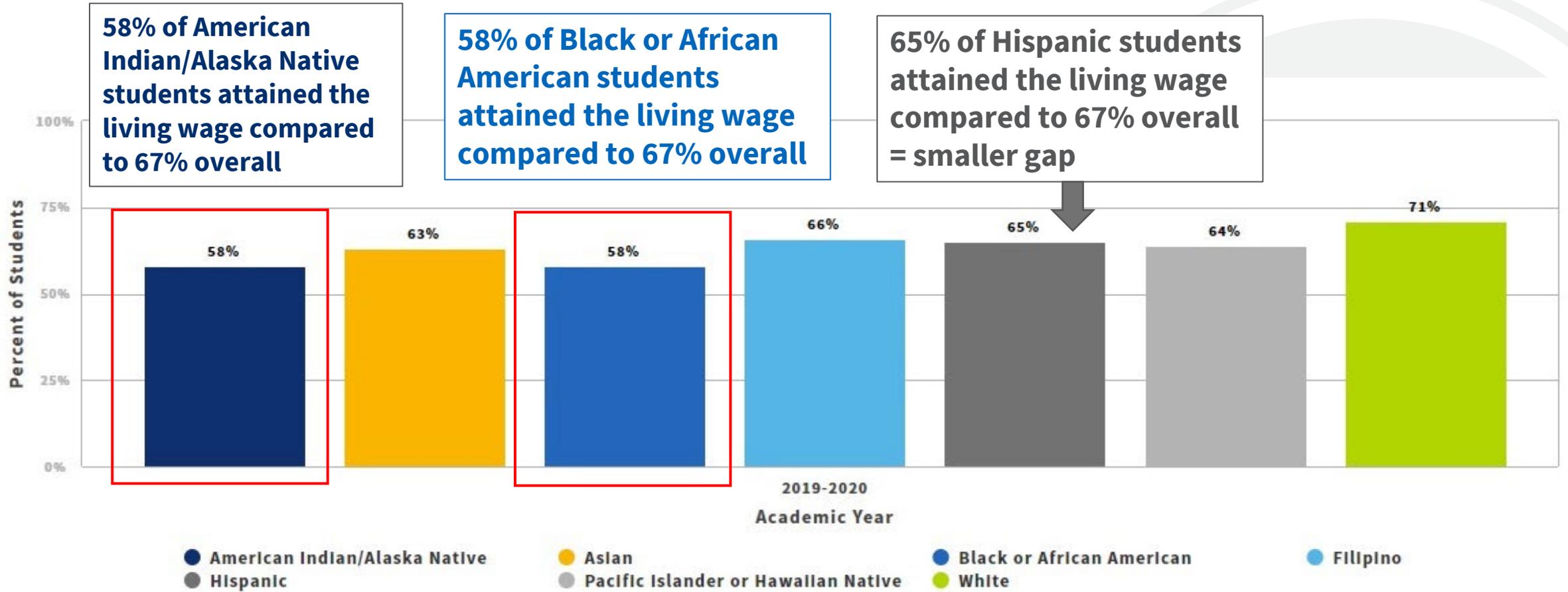


➤ Easily compare your college (district) to top college (district) in state, your district, microregion, macroregion, statewide

# Living Wages: Statewide | All CTE Programs | 2019-2020



# Living Wages: Statewide | ECU Sector | 2019-2020



# Download 10 years of data with one click

localeName	college, district, microregion, macroregion or statewide selection made
programName	All CTE Programs, Sector, TOP04, TOP06
academicYear	2011-12 through 2020-21 as applicable for each metric
metricID	unique ID for metrics in the SWP dashboard
title	metric title
description	long description of metric outcome
source	data source(s) for the metric
disagg	Overall, Age, Gender, Race/Ethnicity, Perkins Economically Disadvantaged
subgroup	student populations for each disagg
value	count or numerator
denom	denominator or universe of students
perc	percentage as applicable
dataType	display format of data
missingFlag	1=missing data
ferpaFlag	1=data has been suppressed per FERPA rules

➤ **Fields or columns available in the csv export**

# Download 10 years of data with one click

localeName	programName	academicYear	metricID	title	description	source	disagg	subgroup	value	denom	perc	dataType	missingFlag	ferpaFlag
Greater Sacra	All CTE Program	2012	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	2296	16349	0.14044	Percent	0	0
Greater Sacra	All CTE Program	2013	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	2567	16693	0.15378	Percent	0	0
Greater Sacra	All CTE Program	2014	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	2641	17075	0.15467	Percent	0	0
Greater Sacra	All CTE Program	2015	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	2782	17904	0.15538	Percent	0	0
Greater Sacra	All CTE Program	2016	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3092	19423	0.15919	Percent	0	0
Greater Sacra	All CTE Program	2017	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3050	19652	0.1552	Percent	0	0
Greater Sacra	All CTE Program	2018	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3116	20654	0.15087	Percent	0	0
Greater Sacra	All CTE Program	2019	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3996	22165	0.18028	Percent	0	0
Greater Sacra	All CTE Program	2020	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3516	22591	0.15564	Percent	0	0
Greater Sacra	All CTE Program	2021	SW 402	SWP S	Among all S	Chancell	Ethnicity	Hispanic	3268	18384	0.17776	Percent	0	0

➤ **Filter the data in a csv format to easily look at trends for different student populations like Earned 9+ CTE Units**

# Download 10 years of data with one click

localeName	programName	academicYear	metricID	title	description	source	disagg	subgroup	value	denom	perc	dataType	missingFlag	ferpaFlag
Greater Sacra	All CTE Program	2012	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	1555	3163	0.49162	Percent	0	0
Greater Sacra	All CTE Program	2013	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	1530	3269	0.46803	Percent	0	0
Greater Sacra	All CTE Program	2014	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	1612	3400	0.47412	Percent	0	0
Greater Sacra	All CTE Program	2015	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	2039	3817	0.53419	Percent	0	0
Greater Sacra	All CTE Program	2016	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	2091	4111	0.50864	Percent	0	0
Greater Sacra	All CTE Program	2017	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	2210	4149	0.53266	Percent	0	0
Greater Sacra	All CTE Program	2018	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	2618	4482	0.58411	Percent	0	0
Greater Sacra	All CTE Program	2019	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	2896	4884	0.59296	Percent	0	0
Greater Sacra	All CTE Program	2020	SW 802	SWP E	Among SWP	Chancell	Ethnicity	Hispanic	3424	5466	0.62642	Percent	0	0

➤ **Filter the data in a csv format to easily look at trends for different student populations like Attained the Living Wage**



# Question & Answer

# Give us your feedback!

Feedback survey  
link: <https://www.surveymonkey.com/r/22SWPDash>

For any comments or questions: please  
email [launchboard@cccco.edu](mailto:launchboard@cccco.edu)





California Community Colleges

Thank you!

[www.cccco.edu](http://www.cccco.edu)



# Appendix

Key questions to answer

# Accountability to CTE students

Are the dollars spent on Strong Workforce Program benefiting CTE students and meeting regional workforce needs?

Strong Workforce Program Dashboard provides data to:

- Understand whether we are delivering on commitments to students
- Improve programs to better serve students
- Are we serving students equitably?



# Why do these data matter for students?

## Number of students

- Identify ways to connect with students to increase enrollments
- Improve recruitment to get more students engaged
- Identify and address equity gaps

## 9+ Units and Workforce Milestone

- Indicate if there are barriers or disconnects where students get off route to achieve their goals

## Completion and transfer

- Indicate whether students completed their journey or continued their journey at a four-year

## Employment and earnings

- Tells us what happens to students once they leave the college
- Indicates whether we are delivering on promises of economic mobility

# Accountability to the legislature

Are the dollars spent on Strong Workforce Program benefiting CTE students and meeting regional workforce needs?

Strong Workforce Program dashboard provides data to:

- Measure progress on Strong Workforce Program goals, aligned to Vision for Success and reported to the legislature
- Measure progress toward regional workforce development goals, as outlined in Strong Workforce Program
- Determine 17% SWP Incentive Funding Allocation

# Accountability to the legislature

Strong Workforce Program offers a one-stop view of key accountability metrics

- **More CTE**

- Number of students enrolled in CTE Programs
- Information available by sector or program, as well by region, district, or college

- **Better CTE**

- Earn 9+ CTE or meet a workforce milestone
- Student Outcomes
  - Earn an award or apprenticeship journey level status
  - Transfer
  - Median Earning
  - Change in Earnings
  - Living Wage Attainment

# What can we do to address equity gaps?

- ① Explore a bit deeper on the SWP and Community College Pipeline Dashboards
  - ① Have these gaps persisted over time for these same student populations?
  - ① Are there sectors or programs where all students are attaining higher living wages?
  - ① Are there sectors or programs where the equity gaps for Black or African American or Hispanic students are not as large?
- ① What other quantitative information can you gather?
- ① Have student or community interviews been conducted about their experiences with CTE counseling or guidance?
- ① Have counselors, faculty or other staff been engaged to think about these types of equity gaps for these student populations?