



Student Metrics Advisory Committee

March 01, 2023

Bitly link for PPT: <u>http://bit.ly/LB101-010323</u>

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LaunchBoard 101

The Chancellor's Office's suite of web-based data **dashboards**





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.



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



K12 Strong Workforce Program Examine CTE system engagement and high school graduation for K12 students at institutions awarded K12 SWP funding.





learn how to use LaunchBoard information to support educational improvement efforts.



Developed in Partnership With





Explore

California Community Colleges

For any comments or questions: please email <u>launchboard@cccco.edu</u>

All Dashboards





Where does the data come from that populates the LaunchBoard Dashboards? **Student and program** term and annual files (submitted by college institutional research offices to the Chancellor's Office MIS)

Employment and earnings data from California Employment Development Department UI wage file

Employment outcomes from the CTE Outcomes Survey administered by Santa Rosa Junior College

Labor market information and online job postings data from Lightcast (formerly EMSI) in Community College Pipeline

K12 information from CALPADS for K12 SWP

K12 adult ed information from CASAS for Adult Education Pipeline



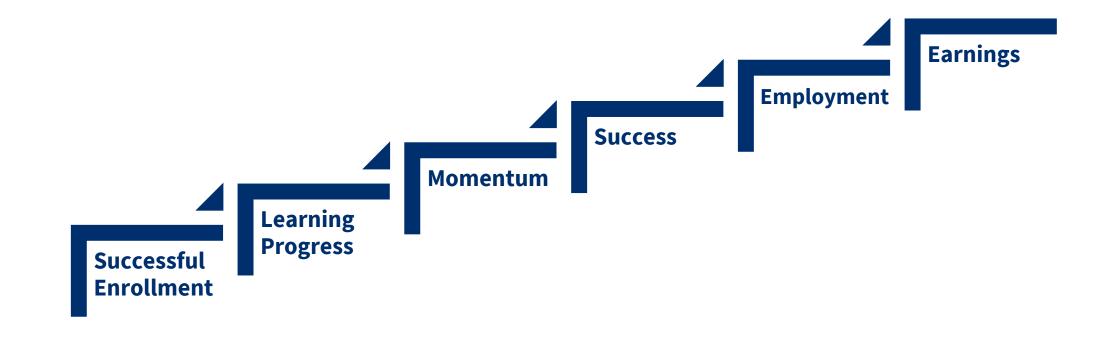
Commonalities Across Dashboards on the LaunchBoard

California

ommunity

- All except K12 SWP: Bring together several data sources
- All: Organized around student progression
- All: Disaggregations
- All: FERPA Suppression
- All except K12 SWP: EDD UI Wage file
- All except K12 SWP: CSU/UC and National Student Clearing House Data
- All: Export data to csv file
- All except SSM: Comparison Views
- Only SSM & CCP for certain metrics: Incomplete Years of Data Displayed

The dashboards include the same key student progress metrics as appropriate for universe of students included





Overview of Dashboards in the LaunchBoard



Student Success Metrics—showcases student progression along various educational journeys, from recruitment to completion, transfer and the workforce for a Cohort and Snapshot view

Strong Workforce Program—displays data for CTE students on all CTE programs, industry sectors and individual programs (using the four- and six-digit Taxonomy of Program coding).

K12 SWP—displays data for students enrolled in grades 9th, 10th, 11th, or 12th grade at a Cal-PASS Plus participant K12 institution awarded K12 SWP funding

Community College Pipeline—is the most comprehensive dashboard with nearly 150 metrics, offering views of students at the industry sector and program level.

Adult Education Pipeline—displays data for K-12 adult education and community college noncredit student journeys, including progress, transition, completion and workforce outcomes.

Student Success Metrics Dashboard



Student Success Metrics

• Snapshot View

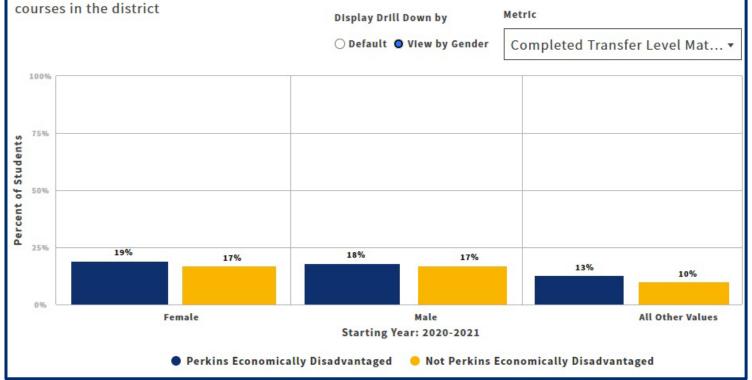
- Displays metrics applicable to five student journeys:
 - All
 - Adult Ed or ESL
 - Short Term Career Ed
 - Degree or Transfer
 - Undecided/Other

Cohort View

- Cohort includes first-time credit students
- Tracks students for 3, 4, 6 years
- First-year momentum metrics for Guided Pathways
- Metrics for 2022 Student Equity Planning (SEP)

Completed Both Transfer-Level Math and English (GP)

Among first-time cohort students, the proportion who completed both transfer-level math and English



Universe of Students: Who are the students included in the Student Success Metrics Dashboard?

All students in the selected year who:

 who had an enrollment as a non-special admit student in at least one primary term of the selected year



Because dashboards were built for different purposes, they include different students

NOT TO SCALE

Year	SSM Snaphot	SSM Cohort	Cohort as a % of Snapshot
2015	2,151,935	356,136	17%
2016	2,155,172	355,374	16%
2017	2,145,385	342,197	16%
2018	2,138,205	349,270	16%
2019	2,097,885	329,550	16%
2020	2,021,326	324,967	16%
2021	1,752,081	266,307	15%

Student Success Metrics

First-Time Cohort

First-time credit students as part of a cohort



Student Success Metrics: Snapshot & Cohort Views



Snapshot View showcases a snapshot in time of a cross-section of students on the same educational journey:

All Students Adult Ed or ESL Short-Term Career Ed. Degree/Transfer Undecided/Other





Cohort View tracks the same cohort of students over time who started in the same academic year:

•Launched in March 2021

Includes first-time credit students in the system
Integration of Guided Pathway metrics
Metrics and disaggregations for Student Equity
Planning are included in the cohort view

•There is a 3-, 4-, 6-year time frame with a 2-year timeframe to be added for this next release

The snapshot view of SSM is the only dashboard to display data for groups of students based on their educational pathways

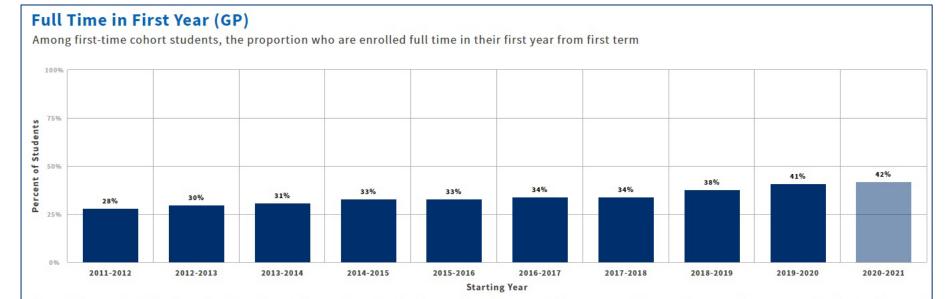
All Students	 Students from all educational journeys
Adult Education or Noncredit ESL	 Build foundational literacy, quantitative, and English-language skills Move from noncredit to credit courses Course-taking pattern: noncredit ESL, ABE or ASE courses
Short-Term Career Education	 Build skills to enter or advance careers Course-taking pattern: noncredit CTE or workforce preparation courses
Degree/Transfer	 Earn a two- or four-year degree
Undecided/Other	 Life-long learning Fulfill requirements of four-year institution (while already enrolled in one) Undecided



Guided Pathway Metrics in the SSM Cohort View

The **Guided Pathways (GP) Metrics** offer unique information to understand progress and success of students during their first year taking credit courses

- Integrated into the SSM cohort view in the Learning Progress and Momentum sections
- Distinguished in the User Interface which ones are GP metrics*



Note: Information is displayed for first-time students where the timeframe allowed to meet the outcome of the metric is complete as noted by darker bars and incomplete as noted by lighter, partially transparent bars.

Note: Depending on the display option selections made, as data becomes available, values and percentages for incomplete years of data will update over time as more students attain the metric outcome within the applicable timeframe from their first term of enrollment.



Stong Workforce Program Dashboard



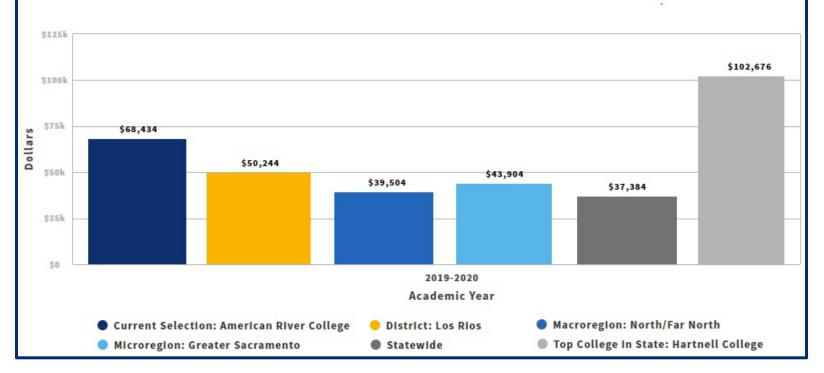


Strong Workforce Program

- Metrics in 17% SWP Incentive Funding
- Displays by All CTE Programs, sectors, TOP04 and TOP06
- Comparisons and benchmarking

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



Because dashboards were built for different purposes, they include different students

NOT TO SCALE



Student Success Metrics

Strong Workforce First-Time Program Cohort

CTE students only are included Display by TOP code or program and sector First-time credit students as part of a cohort

Universe of Students: Who are the students included in the Strong Workforce Program Dashboard?

All **minimally enrolled credit or noncredit** students in the selected year who:

- who had an enrollment as a non-special admit student in at least one term of the selected year
- who enrolled on a TOP code that is assigned to a vocational industry sector in the selected year



Universe of Students: Who are the students included in the Strong Workforce Program Dashboard (continued)?

Minimally enrolled credit or noncredit students:

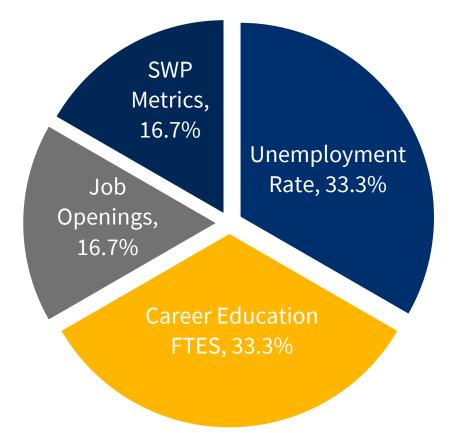
- took at least 0.5 units in any single credit course at the selected college OR
- who had at least 12 positive attendance hours in any noncredit course(s) [except on Tutoring (493009) or Supervised Study Skills (493014) TOP codes]
 OR
- who enrolled in noncredit course(s) [except on Tutoring (493009) or Supervised Study Skills (493014) TOP codes] in Spring 2020 or in any term in 2020-21 (and 2021-22 for this year's build) at any college in the selected year



Strong Workforce Program Funding Model

Funding is re-calculated each year according to the factors prescribed in legislation:

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





Systemwide Accountability Metrics are Basically the Same and Aligned

Metric Type	Metric	Vision Goals	Funding Formula (SCFF)	Student Success Metrics	SWP (17% Incentive Funding)
Progress	Earned 9+ CTE Units in the District in a Year		x	Х	X
	Noncredit Workforce Milestone at the College in a Year			х	Х
	Completed Transfer-Level Math & English in the District in the First Year		Х	х	
Success	Average Number of Units for Associate Degree Earners	x		х	
	Students Who Earned a Degree or Certificate (over 8 or 16 units or 48 hours) or Attained Apprenticeship Journey Status in the District in the Year	X	X	x	X
+	Transferred to a Four-Year Institution (NOT EXACTLY ALIGNED)	х	X	х	Х
Employment	Job in Field of Study from CTE Outcomes Survey	Х		х	Х
Earnings	Median Annual Earnings			х	Х
	Median Change in Earnings			х	х
↓	Living Wage Attainment		x	х	x

California Community Colleges

And Close Equity Gaps and Regional Achievement Gaps...

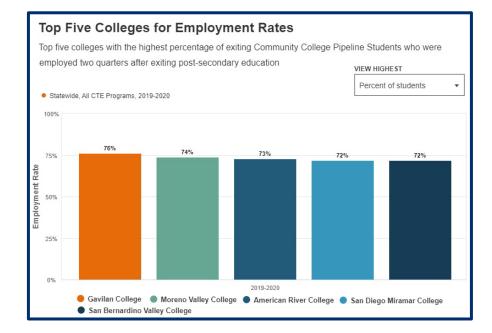
Community College Pipeline Dashboard

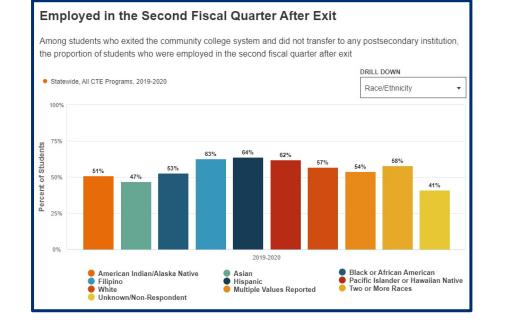




Community College Pipeline

- Oldest and most comprehensive dashboard with over 150 metrics
- Displays by All Programs, All CTE Programs, All Non-CTE Programs, sectors, TOP04 and TOP06
- Comparison views and top 5 metrics
- Contains Equity Gap charts for 3 metrics
- Includes labor market information and online job postings data from Lightcast (formerly Emsi)





Because dashboards were built for different purposes, they include different students

NOT TO SCALE



Student Success Metrics Community College Pipeline **Display by TOP code or** program and sector **First-Time Strong Workforce** Cohort **Program First-time credit CTE students only** students as part/ are included of a cohort **Display by TOP code or** program and sector

Universe of Students: Who are the students included in the Community College Pipeline Dashboard?

All **minimally enrolled credit or noncredit** students in the selected year who:

 who had an enrollment as a non-special admit student in at least one term of the selected year



Universe of Students: SWP and CCP Dashboard are the same students for All CTE Programs selection

Community College Pipeline: Overview			Interested in how the data is calculated? See the Metric Definition Dictionary		
				Credit Status	
				All: Students who	took either credit or noncre 🔻
Statewide Macroregion Microregion District College	Program or Sector		Academic Year	in the second	
Statewide 👻	All Programs		2020-2021	•	VIEW
	Search				Export Data to CSV
O DETAILED DATA COMPARISON	All	*			
	All Programs				
	All CTE Programs				
	All Non-CTE Programs	•			
	Sector				

Why does this matter?

- Because there are many more metrics in CCP beyond the few accountability SWP or even SSM metrics to help understand who your students are and what their outcomes are
- Because you can do comparisons for all of these metrics
- Because you can see calculated equity gap charts in CCP



Community College Pipeline and Adult Education Pipeline have 3 levels of information

- 1. Homepage: Six high-level data points on key points in students' journeys
- 2. Summary View: several metrics designed to support data-informed conversations about student progress and outcomes, including equity gap analyses in CCP
- 3. Detailed Data View: data charts **and tables** with:
 - The ability to view disaggregated results
 - Options to compare results to any other institution or program
 - Time trends
 - Information on the top programs in the state



Equity Gap Charts

Are there Equity Gaps in Access using a **<u>Proportionality Index?</u>**

For more detailed information, go to the Detailed Data view under the Equity Gap section. Please make any selection besides "All Programs" under Program or Sector.

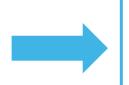
Are there Equity Gaps in Completion using a **<u>Proportionality Index?</u>**

For more detailed information, go to the Detailed Data view under the Equity Gap section.

Are there Equity Gaps in Transfer using a Proportionality Index?

For more detailed information, go to the Detailed Data view under the Equity Gap section.

	DRILL DOWN	
	Gender	*
	Gender	
)	Race/Ethnicity	
	Age Group	
	Perkins Economically Disadvantaged	



Charts on the Summary and Detailed Data Views and tables with all calculations provided on the Detailed Data view for gender, race/ethnicity, age groups, and Perkins Economically Disadvantaged



For more information about Equity Gap Charts in CCP: <u>https://launchboard-resources.wested.org/resources/160</u>

Equity Gap Charts

Available in summary and detailed data views for the following metrics:

- Access (Enrollment)
- Completion
- Transfer

Different than just using the drilldown to compare %s

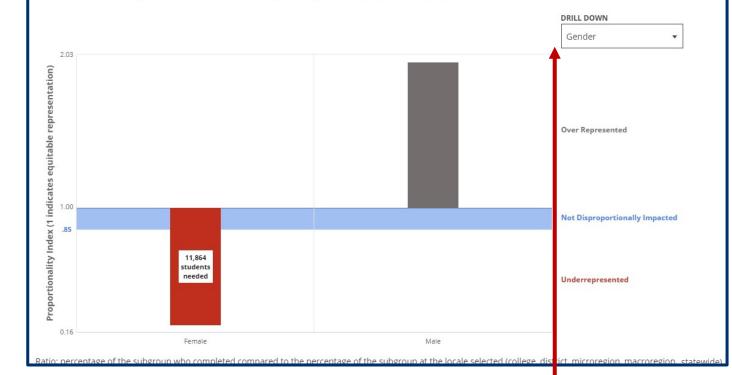
O District O College		Program or Sector		Academic Year		
Statewide	•	Advanced Transportation and Logistics	•	2019-2020	•	VIEW
						 Export Data to CSV

O DETAILED DATA COMPARISON

Are there Equity Gaps in Access using a **Proportionality Index?**

For more detailed information, go to the Detailed Data view under the Equity Gap section. Please make any selection besides "All Programs" under Program or Sector.

For the locale, program/sector and year selection made above, the Equity Gap charts shows how many students need to enroll in order to Close the Equity Gap for underrepresented populations disproportionately impacted either by gender, race/ethnicity or age. The number of students needed to Close the Equity Gap refers to the number of students who need to enroll (by gender, by race/ethnicity or by age) to achieve a one-to-one ratio. Example of a one-one-ratio: % of female students who enrolled in Accounting in 2017-18 = % of female students who enrolled in All Programs in 2017-18 at the college, district, microregion, macroregion, or statewide selected



View gaps by gender, race/ethnicity or age group

New Feature: Prototype Metrics for Labor Market Data and Online Job Postings

Employment

▲ Labor Market Data

Total Historical Regional Employment Total Projected Regional Employment Projected Regional Job Openings

▲ Online Job Postings

Hard Skills Requested in Online Job Postings (90 days) Hard Skills Requested in Online Job Postings (365 days) Common Skills Requested in Online Job Postings (90 days) Common Skills Requested in Online Job Postings (365 days) Qualifications Requested in Online Job Postings (90 days) Qualifications Requested in Online Job Postings (365 days) Employers in Online Job Postings (90 days) Employers in Online Job Postings (365 days)

Earnings

∧ Labor Market Data

Regional Entry-Level and Median Annual Salaries



For more information about Labor Market Data and Online Job Postings: <u>https://launchboard-resources.wested.org/resources/161</u>

Adult Education Pipeline Dashboard

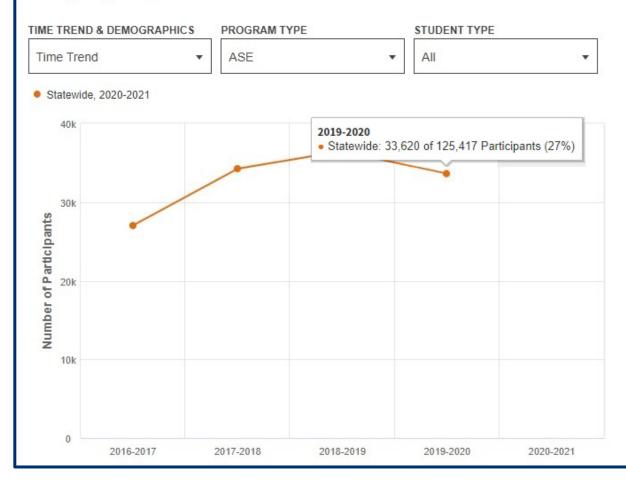


Adult Education Pipeline

- Integrates data from CASAS for K12 adult education and noncredit data from Chancellor's Office MIS
- Score card provides metrics reported annually to the Legislature for CAEP
- Drilldowns available by AE program area and by first-time vs returning students
- Comparisons and top five metrics

Transition to Postsecondary

Among all Participants in ESL, ABE and ASE, the number who transitioned to postsecondary by enrolling in either a K12 adult education or community college CTE course, or a non-developmental credit college course for the first time at any institution within the same or subsequent year. ?



Because dashboards were built for different purposes, they include different students

NOT TO SCALE

Adult Education Pipeline

Only dashboard that includes data for nearly all metrics from another data source besides COMIS for K-12 Adult Ed institutions and consortia

Student Success Metrics

Community College Pipeline Display by TOP code or program and sector

Strong Workforce First-Time Program Cohort

CTE students only are included Display by TOP code or program and sector First-time credit students as part,

students as pa of a cohort



Universe of Students: Who are the students included in the Adult Education Dashboard?

Two sources for **California Adult Education** students:

- Noncredit students from the Chancellor's Office MIS
 - Minimal Enrollment required for outcome metrics for Adult Ed Participants (received 12+ hours of instruction or positive attendance hours across all Adult Ed enrollments):
 - who had at least 12 positive attendance hours in any noncredit course(s) [except on Tutoring (493009) or Supervised Study Skills (493014) TOP codes] OR
 - who enrolled in noncredit course(s) [except on Tutoring (493009) or Supervised Study Skills (493014) TOP codes] in Spring 2020 or in any term in 2020-21 (and 2021-22 for this year's build) at any college in the selected year
 - Adults Served
 - The number of learners who had one or more hours of instruction or positive attendance hours, across all enrollments, in an adult education program, and / or who received services at a K12 adult school or noncredit services at a community college.
- Adults Served and Adult Ed Participants from the CASA TopsPRO Enterprise (includes K12 Adult Ed providers and mostly colleges using WIOA Title II funds)



Community College Pipeline and Adult Education Pipeline have 3 levels of information

- 1. Homepage: Six high-level data points on key points in students' journeys
- 2. Summary View: several metrics designed to support data-informed conversations about student progress and outcomes
- 3. Detailed Data View: data charts **and tables** with:
 - The ability to view disaggregated results
 - Options to compare results to any other institution or program
 - Time trends
 - Information on the top programs in the state
- **4. AEP Score Card View**: Consortium, member, and regional performance on the Measuring Our Success metric



AEP Score Card

Consortium, member, and regional performance on the Measuring Our Success metric



Adult Education Pipeline: A	Interested in how the data is calculated? See the Metric Definition Dictionary			
Statewide Region Consortia CC District Statewide T DETAILED DATA COMPARISON	Institution All •	Academic Year 2019-2020 VIEW R Export Data to CSV		
ome O Summary Detailed Data O				
The AEP Score Card provides a snap Education in California. TIME TREND & DEMOGRAPHICS Time Trend	pshot view of the metrics reported annu 4,991	ally to the legislature for Adult		
Students with 12+ Instruct	ional Contact Hours (Participants): 470,551		
✓ Completed an Educational	Functioning Level Gain : 114,746			
Completed a Workforce Pr	eparation Milestone: 45,671			
✤ Transition to Postseconda	ry: 60,418			
✓ Earned a Diploma, GED, or	High School Equivalency: 15,27	3		
✓ Completed a Postseconda	ry Credential: 76,337			
✓ Employment Two Quarters	After Exit: 65,774			
✓ Median Change in Earnings	s: 25%			
✔ Median Annual Earnings : S	\$31,064			

Include drilldowns by Program and by First-Time vs **Returning Students**

Progress

Completed an Educational Functioning Level Gain

Completed a Workforce Preparation Milestone

Completed an Immigrant Integration Milestone

Subsequently Took a Transfer-Level English Course

Subsequently Took a Transfer-Level Math Course

Completed an Occupational Skills Gain

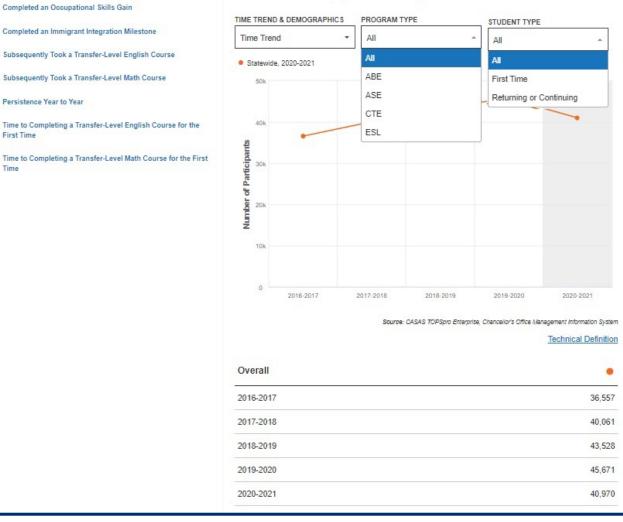
Persistence Year to Year

First Time

Time

Completed a Workforce Preparation Milestone

Among all Participants, the number who completed a noncredit career education or workforce preparation course or had 48 or more contact hours in a noncredit career education or workforce preparation course.





K12 Stong Workforce Program Dashboard



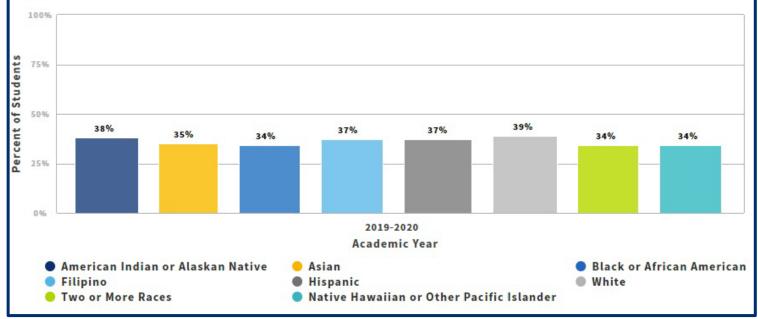


K12 Strong Workforce Program

- Newest dashboard added to LaunchBoard in 2021-22
- Displays data for HS students enrolled in 9th-12th grades at a Cal-PASS Plus participant K12 institution awarded K12 SWP funding as part of Round 1
- Displays CTE Completers by Industry Sector
- Additional years of data and grantees of later rounds of funding will be added

K12 CTE Participants

Among students at a Cal-PASS Plus participant K12 institution awarded K12 SWP funding as part of the round selected, the percentage of students who completed at least one course in a CTE pathway with a C- or better



Universe of Students: Who are the students included in the K12 Strong Workforce Program Dashboard?

Very different data source for **Universe of students** including:

- Students enrolled in grades 9-12 at a Cal-PASS Plus participant K12 institution, awarded K12 SWP funding in Round 1, 2 or 3, and who successfully uploaded CALPADS data to Cal-PASS Plus
- Only data from files uploaded for 2018-19, 2019-20, 2020-21, 2021-22 are included in metric calculations
- Data caveats galore!



K12 SWP dashboard metrics

Students

- K12 Students
- K12 CTE Students



Progress

- K12 CTE Participants
- K12 CTE Completers
- K12 CTE Completers by Industry Sector
- K12 CTE Completers with Early College Credit, Work-Based Learning or Third-Party Certification
- K12 CTE Completers
 by Industry Sector
 with Early College
 Credit, Work-Based
 Learning or Third-Party
 Certification

Success

- K12 Students Who Graduated from High School
- K12 CTE Students Who Graduated from High School
- K12 CTE Participants Who Graduated High School
- K12 CTE Completers Who Graduated High School
- K12 CTE Completers with Early College Credit, Work-Based Learning or Third-Party Certification Who Graduated from High School

Homework Review

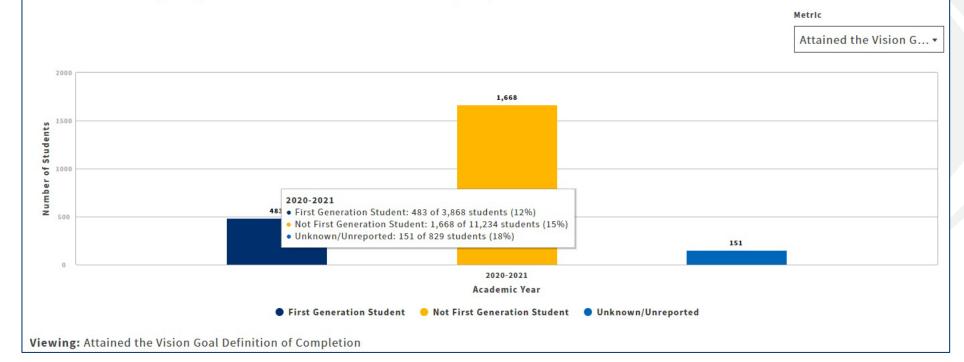
- 1. How many Degree/Transfer students at your college attained the Vision Goal Definition of Completion in 2020-21?
 - a) How does this breakdown by First Generation vs Not First-Generation students?
- 2. What percentage of first-time cohort students at your college were full-time in their first year in 2020-21?
 - a) Are there differences by race/ethnicity?
 - b) Are there differences between LGBT and Non-LGBT students?
- 3. What percentage of Strong Workforce Program Students in the Health sector at your college Attained the Living Wage in 2019-20?



How many Degree/Transfer students at your college attained the Vision Goal Definition of Completion in 2020-21?

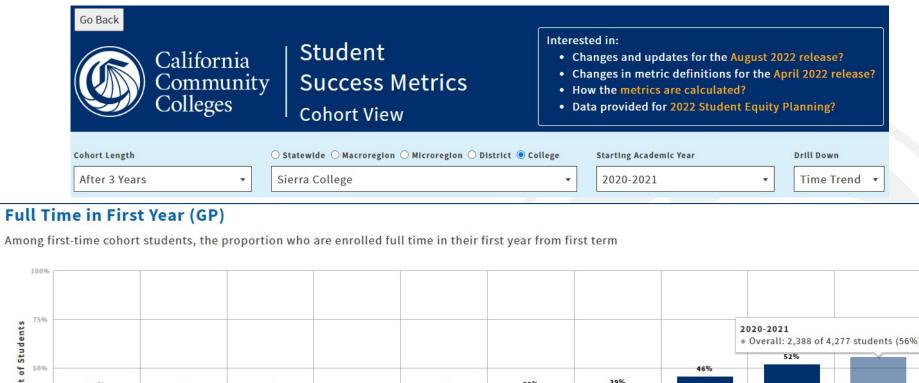
How does this breakdown by First Generation vs Not First-Generation students?

Go Back California Community Colleges	Student Success Metrics	Changes in me		netric defir	updates for the August 2022 release? etric definitions for the April 2022 release? ics are calculated?		
Journey Type	○ Statewide ○ Macroregion ○ Microregion ○ District ⑧ College	Academi	c Year		Drill Down		
Degree/Transfer Students 🔹	Sierra College 🔹	2020-2	2021	•	First Generation		
SUCCESS							
SUCCESS	and an an Earney days Arrend						
	ondary or Earned an Award						
Among students in selected studen	t journey, the number of students who earned various type	es of awa	rds in the selecte	ed year or a	attained apprenticeship journey		
status and the number of adult bas	ic education, adult secondary education, and English as a S	Second L	anguage studen.	ts who enro	olled in either a noncredit caree		
education course or any college lev	el credit course in the selected or subsequent year						





What percentage of first-time cohort students at your college were full-time in their first year in 2020-21?



Students of Percent 38% 39% 37% 36% 36% 35% 35% 2011-2012 2012-2013 2013-2014 2014-2015 2015-2016 2016-2017 2017-2018 2018-2019 2019-2020 **Starting Year** Overall Note: Information is displayed for first-time students where the timeframe allowed to meet the outcome of the metric is complete as noted by darker bars and incomplete as noted by lighter, partially transparent bars.

metric outcome within the applicable timeframe from their first term of enrollment.

Note: Depending on the display option selections made, as data becomes available, values and percentages for incomplete years of data will update over time as more students attain the

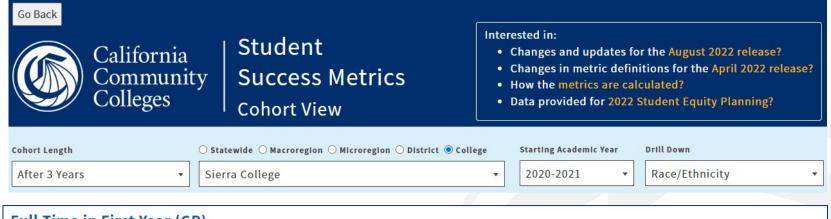


2020-2021

What percentage of first-time cohort students at your college were full-time in their first year in 2020-21 (continued)?

Are there differences by race/ethnicity?

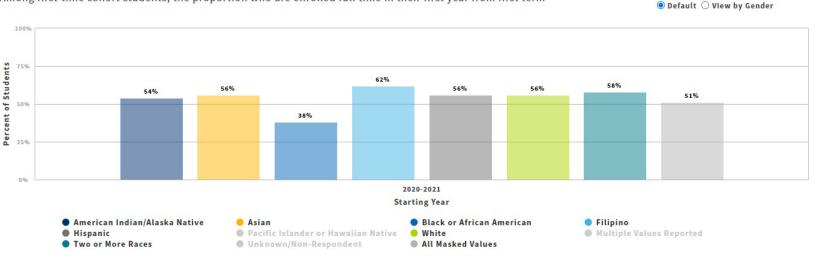




Display Drill Down by

Full Time in First Year (GP)

Among first-time cohort students, the proportion who are enrolled full time in their first year from first term



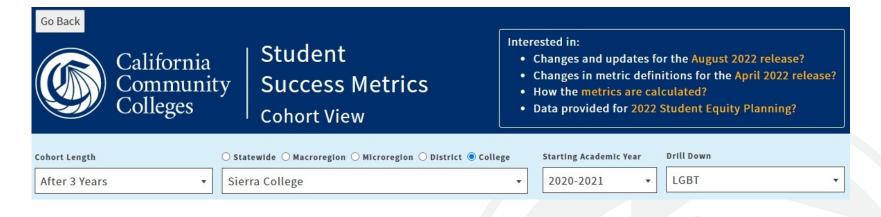
Groups with fewer than ten people or missing information are summed together and displayed in the "All Masked Values" for <u>Suppression and Complementary</u> Suppression 🚱 purposes in accordance with FERPA. Under Complementary Suppression circumstances, the "All Masked Values" bar may represent a larger group together with small groups with <10 students. "All Masked Values" in this chart includes subgroups: Pacific Islander or Hawaiian Native, Multiple Values Reported, and Unknown/Non-Respondent.

Note: The data displayed in this chart are from an incomplete year of data.

Note: Depending on the display option selections made, as data becomes available, values and percentages for incomplete years of data will update over time as more students attain the metric outcome within the applicable timeframe from their first term of enrollment.

What percentage of first-time cohort students at your college were full-time in their first year in 2020-21 (continued)?

Are there differences between LGBT and Non-LGBT students?

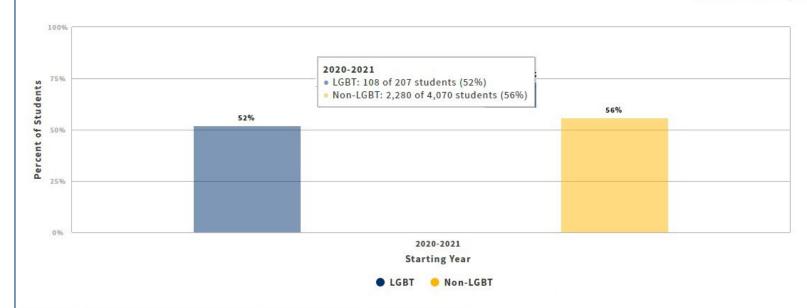


Full Time in First Year (GP)

Display Drill Down by

Among first-time cohort students, the proportion who are enrolled full time in their first year from first term

● Default ○ View by Gender



Note: The data displayed in this chart are from an incomplete year of data.

Note: Depending on the display option selections made, as data becomes available, values and percentages for incomplete years of data will update over time as more students attain the metric outcome within the applicable timeframe from their first term of enrollment.



What percentage of Strong Workforce Program Students in the Health sector at your college Attained the Living Wage in 2019-20?

