California Community Colleges

Student Metrics Advisory Committee

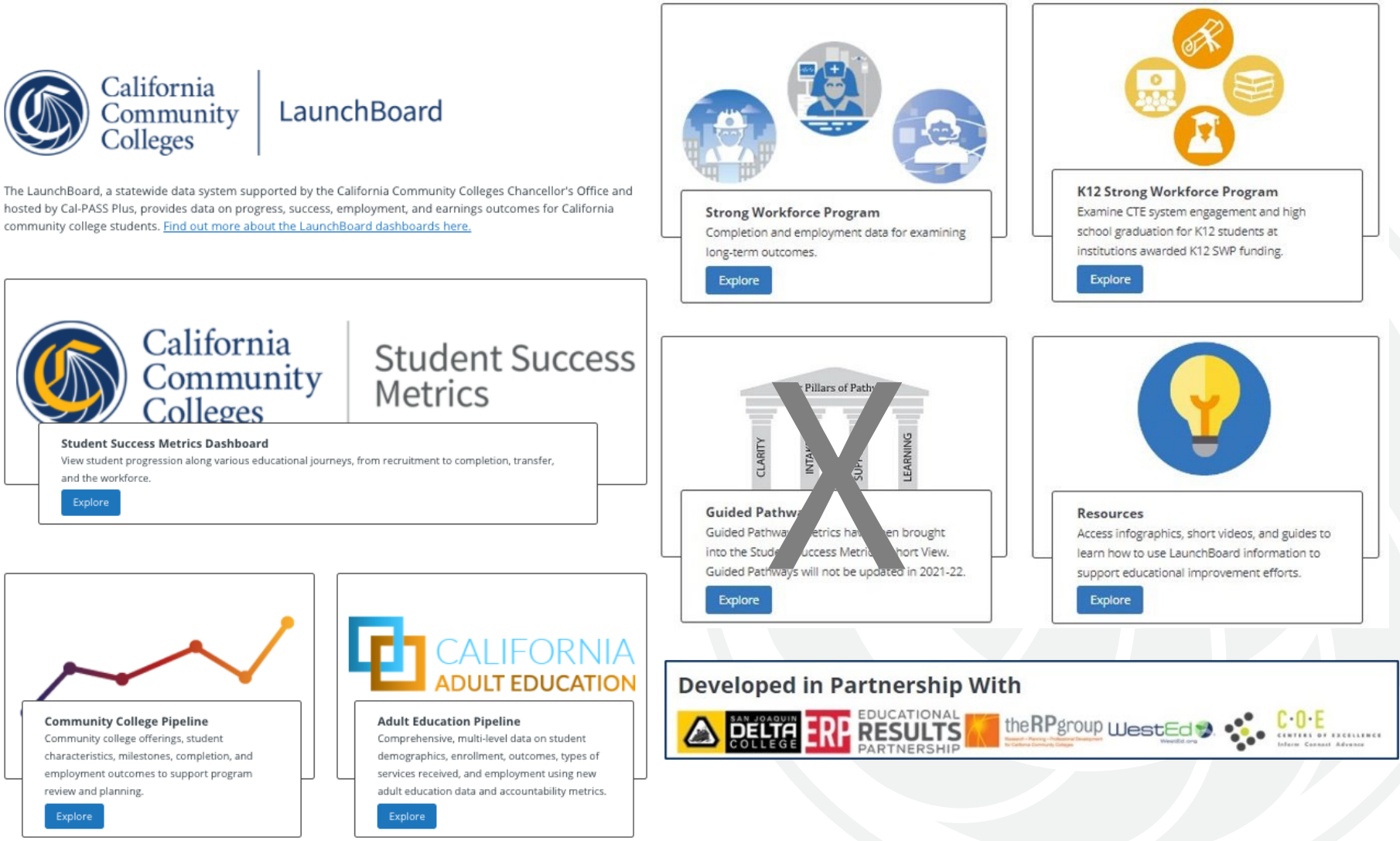
March 01, 2023

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

LaunchBoard 101

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

The LaunchBoard



California Community Colleges

For any comments or questions: please email launchboard@cccco.edu

All Dashboards

California Community Colleges

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

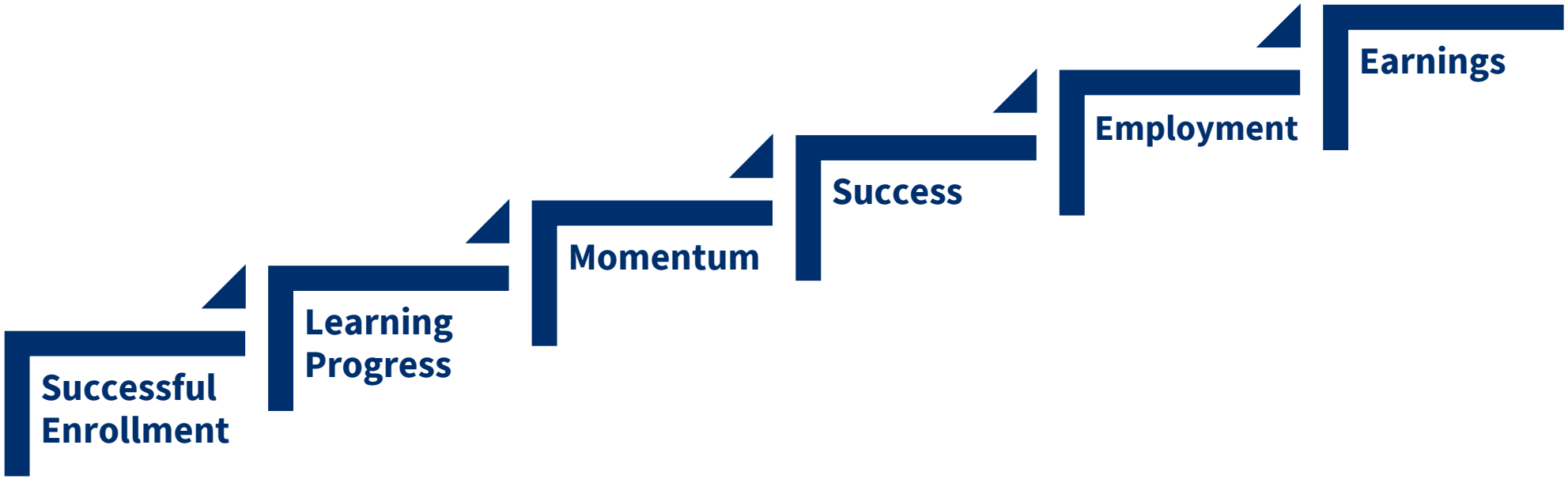
California Community Colleges

Commonalities Across Dashboards on the LaunchBoard

- **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

California Community Colleges

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



California Community Colleges

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.

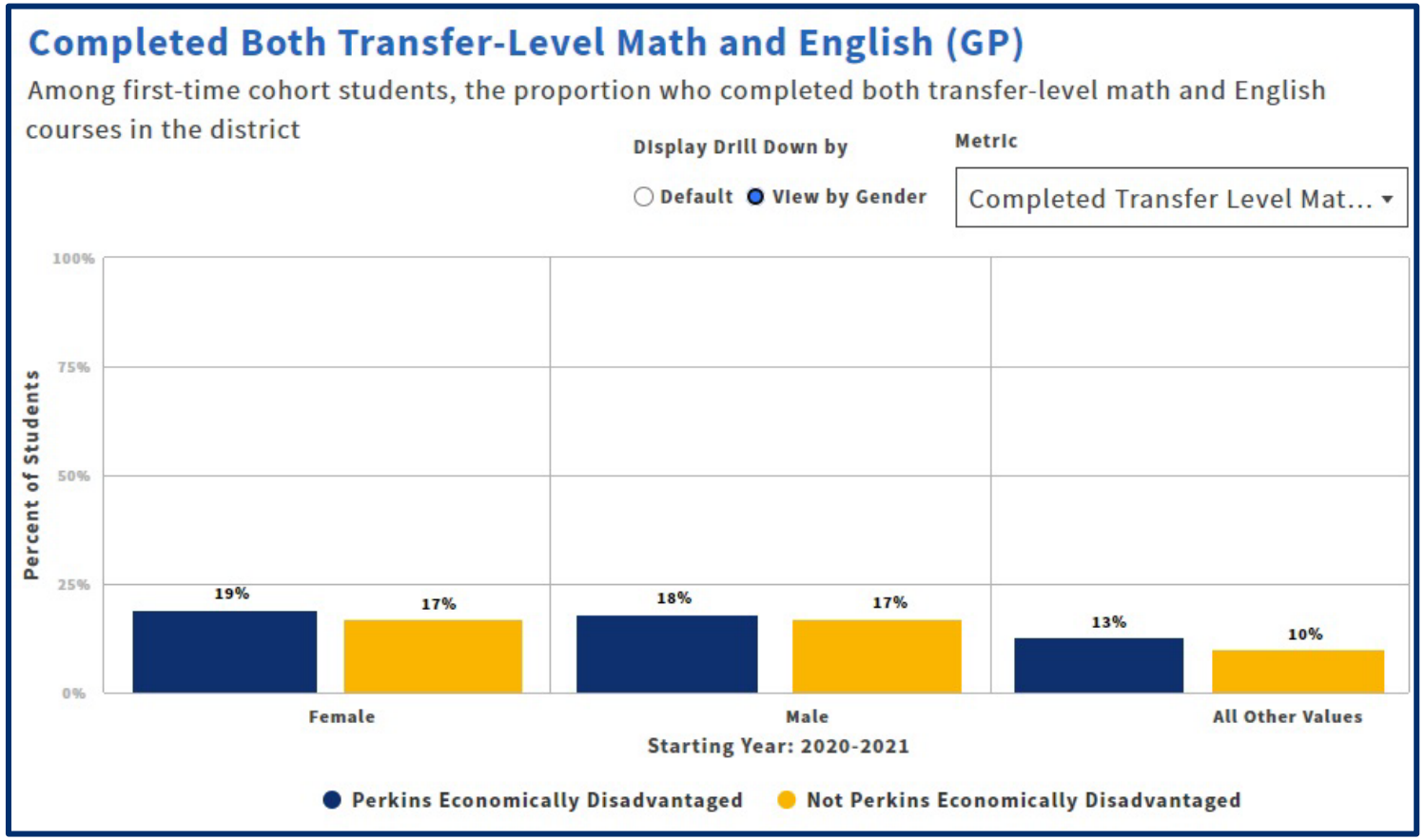
California Community Colleges

Student Success Metrics Dashboard

California Community Colleges

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)



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

All students in the selected year who:

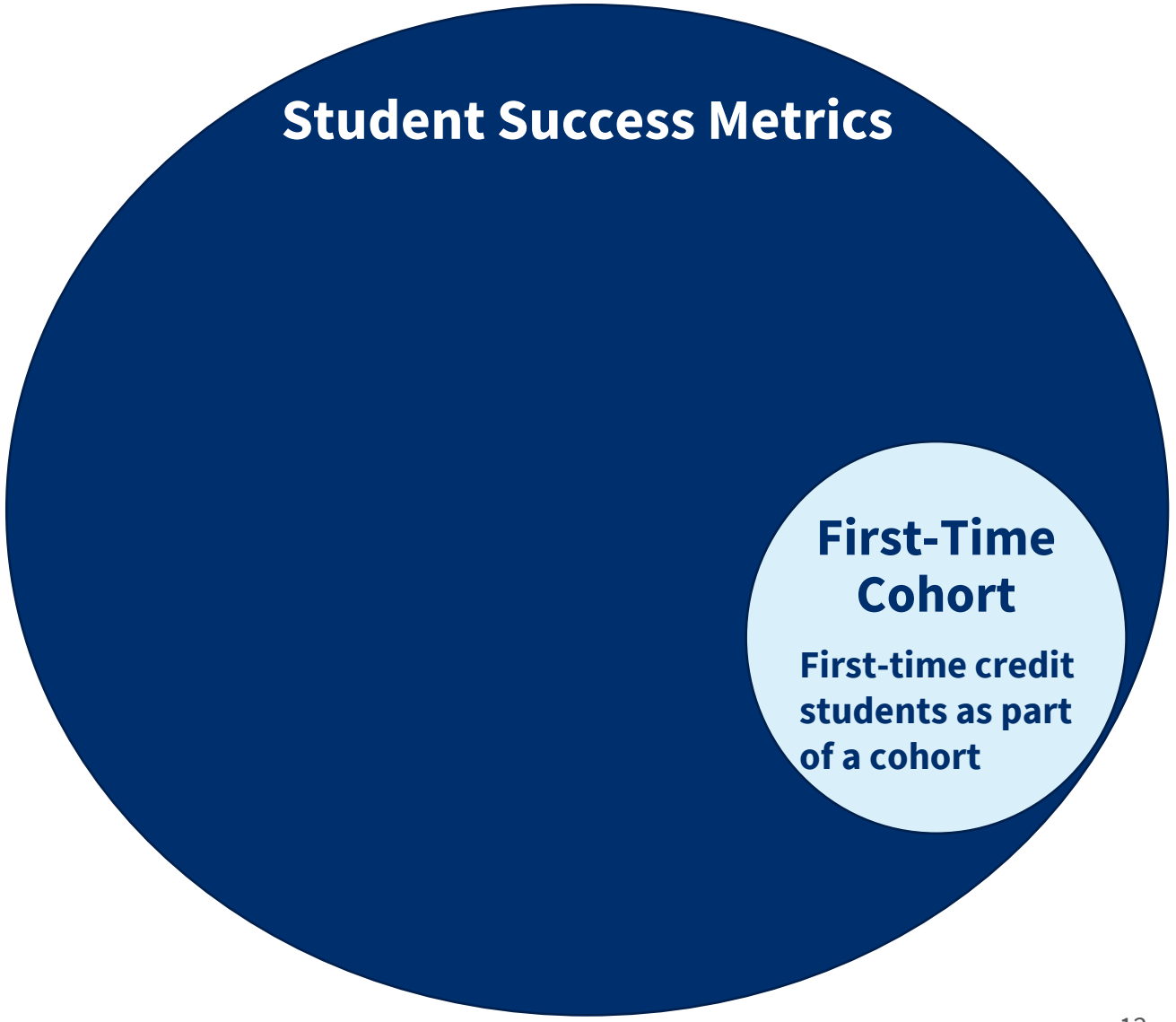
- who had an enrollment as a non-special admit student in at least one primary term of the selected year

California Community Colleges

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%**



California Community Colleges

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

California Community Colleges

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

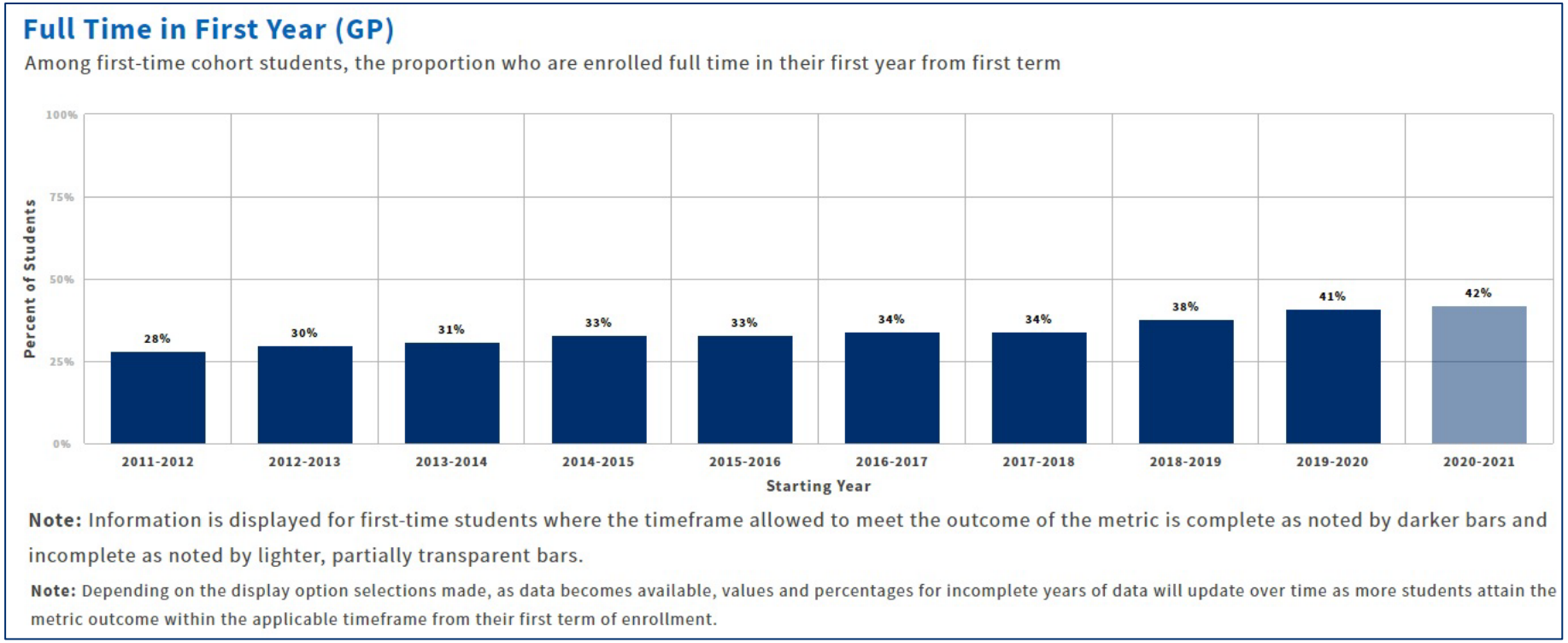
All Students	▪ Students from all educational journeys
Adult Education or Noncredit ESL	▪ Build foundational literacy, quantitative, and English-language skills ▪ Move from noncredit to credit courses ▪ *Course-taking pattern: noncredit ESL, ABE or ASE courses*
Short-Term Career Education	▪ Build skills 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

California Community Colleges

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*



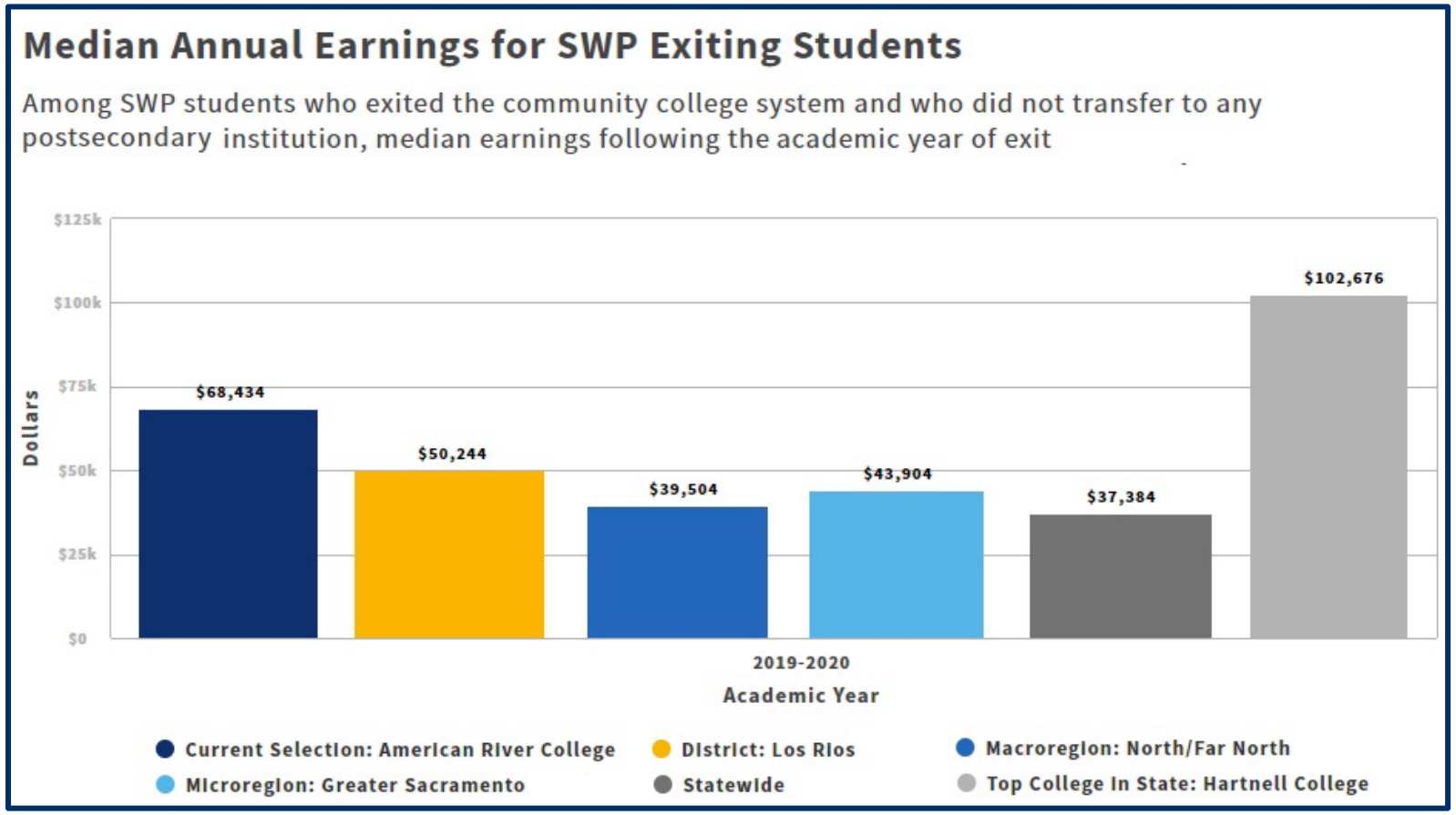
California Community Colleges

Stong Workforce Program Dashboard

California Community Colleges

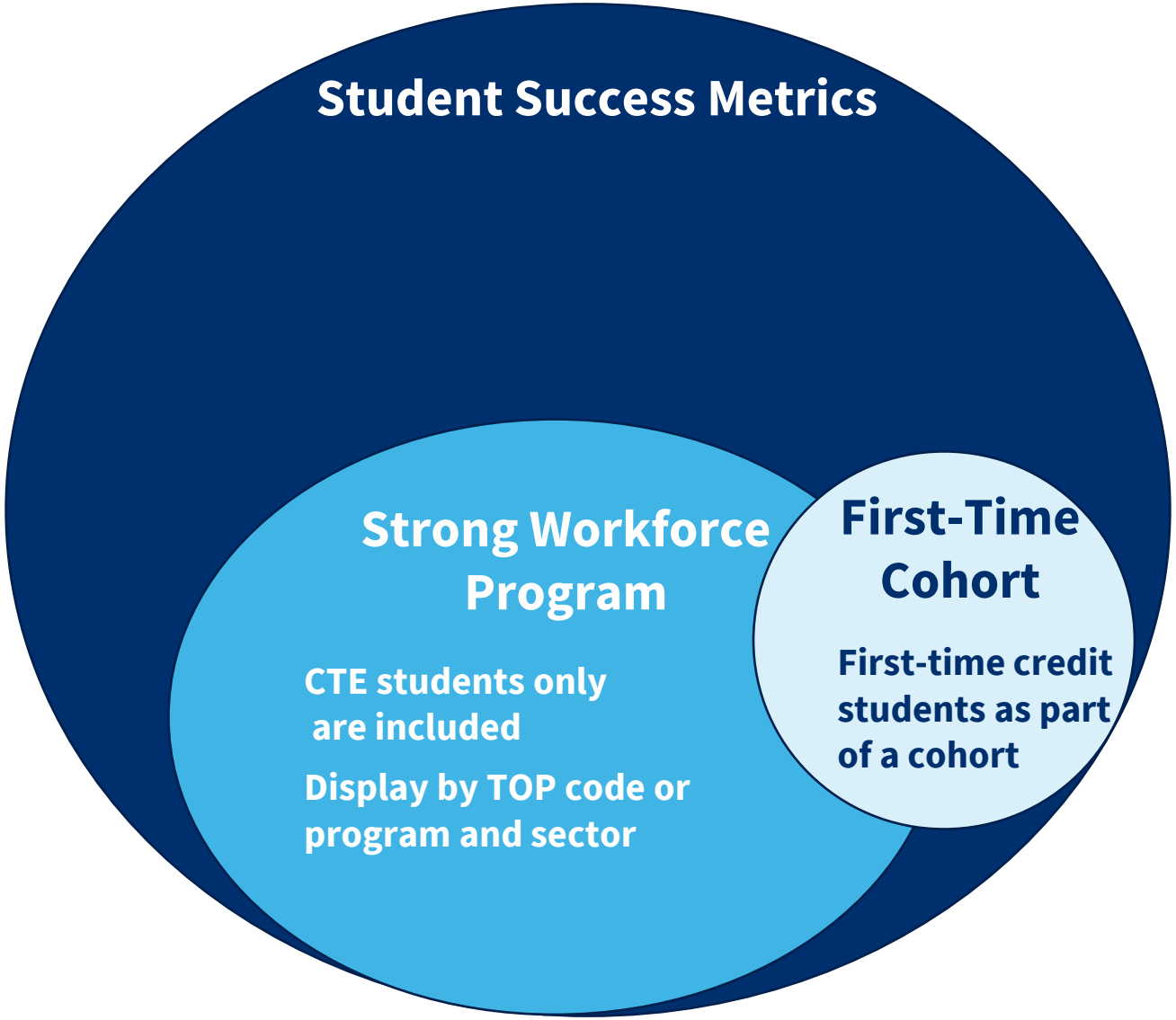
Strong Workforce Program

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



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

NOT TO SCALE



California Community Colleges

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)?

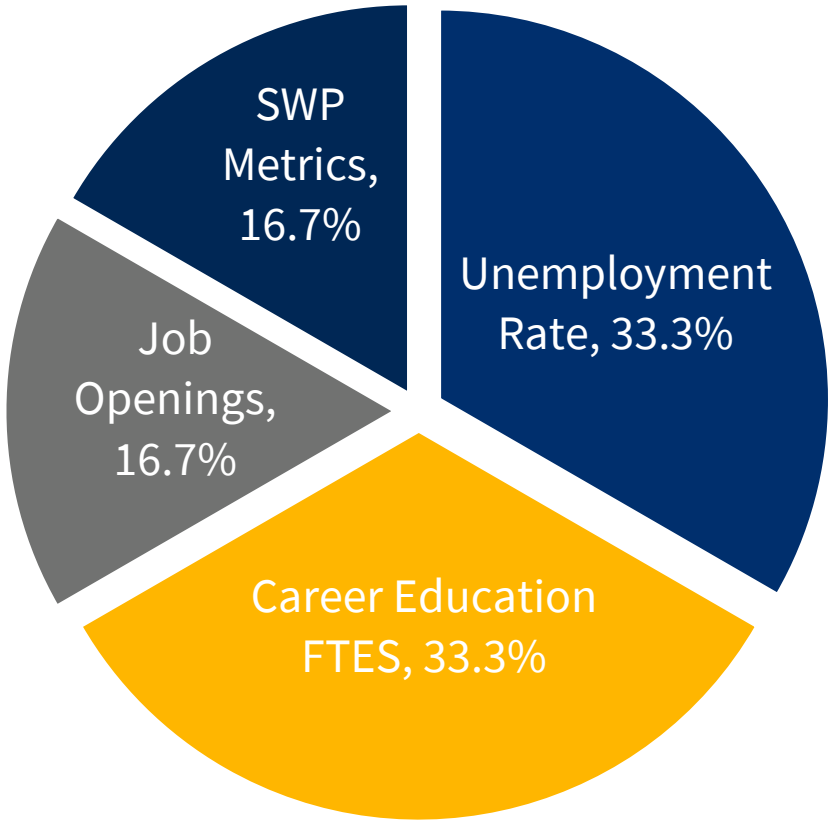
Minimally enrolled credit or noncredit students:

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



California Community Colleges

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	x	x
↓	Noncredit Workforce Milestone at the College in a Year			x	x
↓	Completed Transfer-Level Math & English in the District in the First Year		x	x	
Success	Average Number of Units for Associate Degree Earners	x		x	
↓	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)	x	x	x	x
Employment	Job in Field of Study from CTE Outcomes Survey	x		x	x
Earnings	Median Annual Earnings			x	x
↓	Median Change in Earnings			x	x
↓	Living Wage Attainment		x	x	x

California Community Colleges

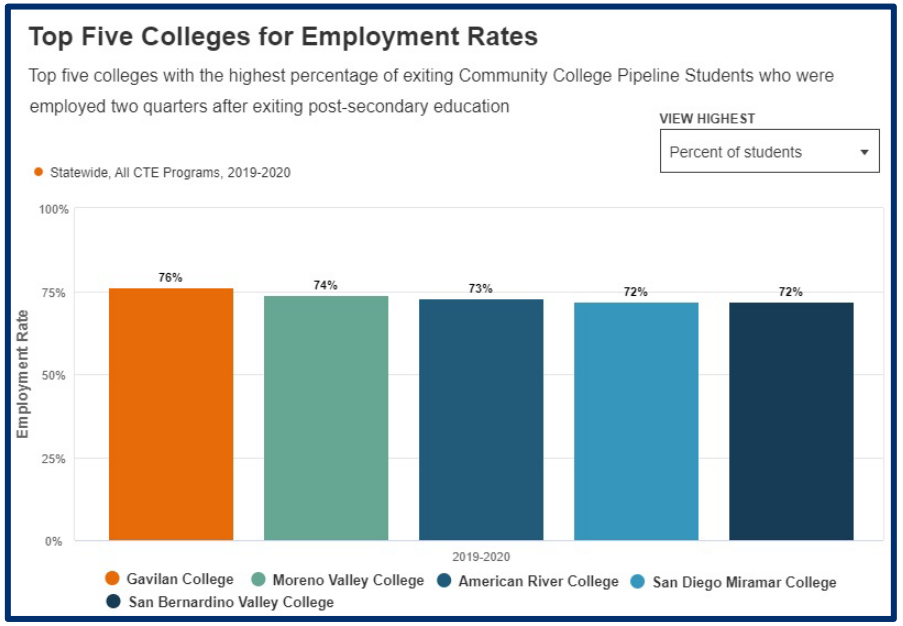
And Close Equity Gaps and Regional Achievement Gaps…

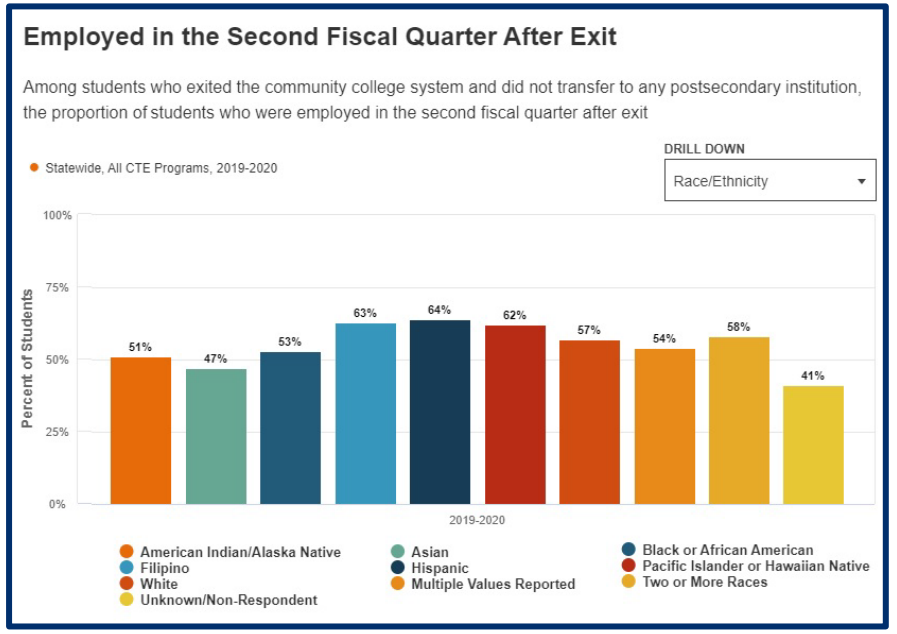
Community College Pipeline Dashboard

California Community Colleges

Community College Pipeline

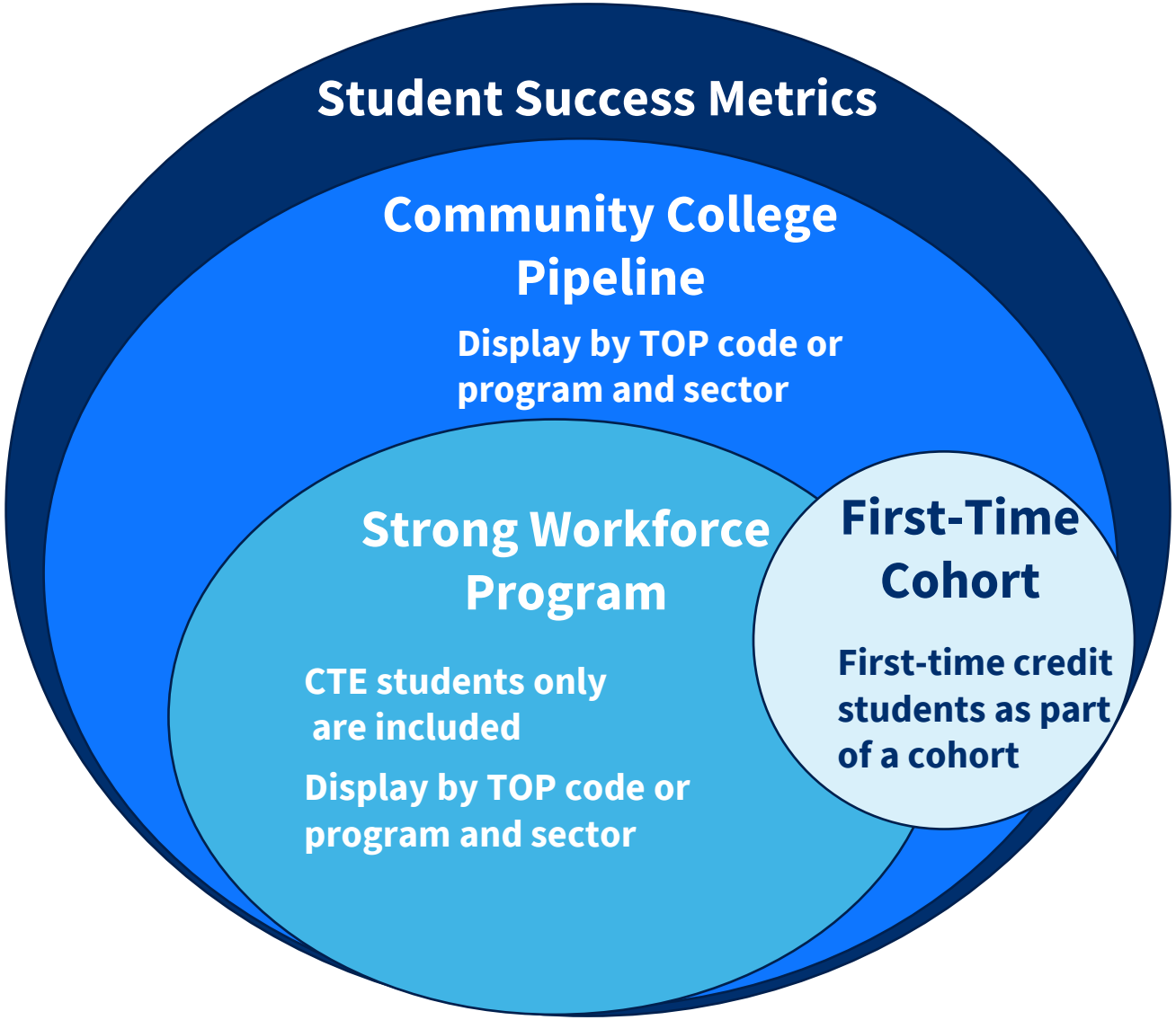
- Oldest and most comprehensive dashboard with over 150 metrics
- Displays by All Programs, All CTE Programs, All Non-CTE Programs, sectors, TOP04 and TOP06
- Comparison views and top 5 metrics
- Contains Equity Gap charts for 3 metrics
- Includes labor market information and online job postings data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





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

NOT TO SCALE



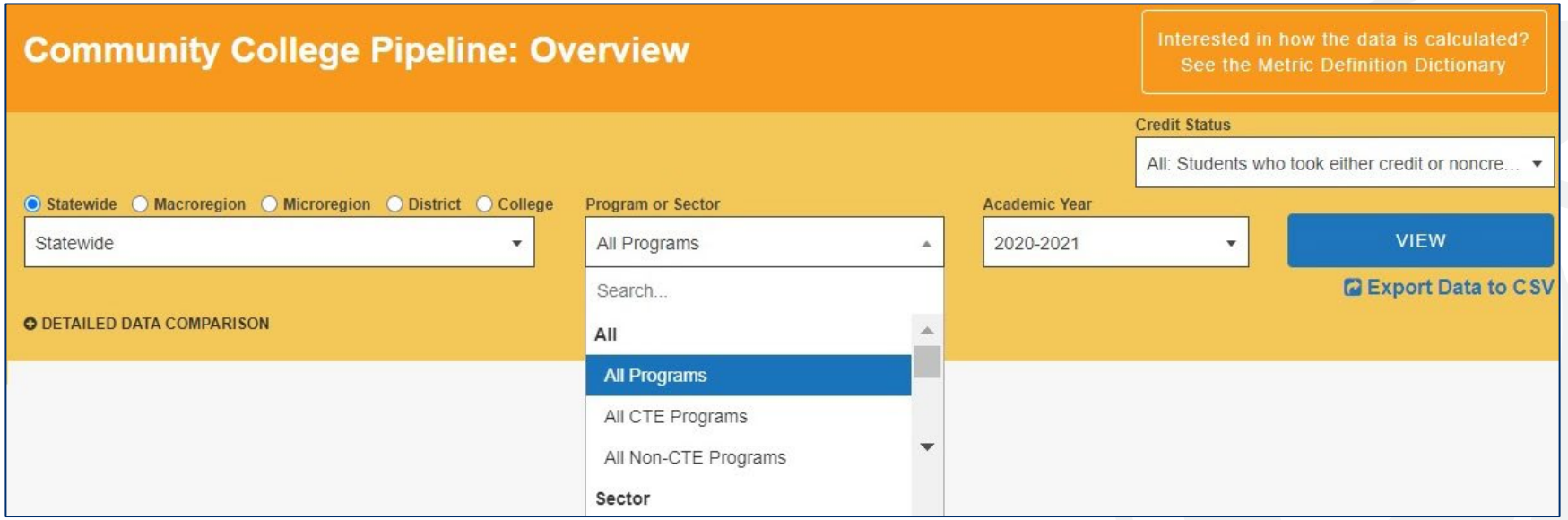
California Community Colleges

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



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

California Community Colleges

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

California Community Colleges

Equity Gap Charts

Are there Equity Gaps in Access using a Proportionality Index?

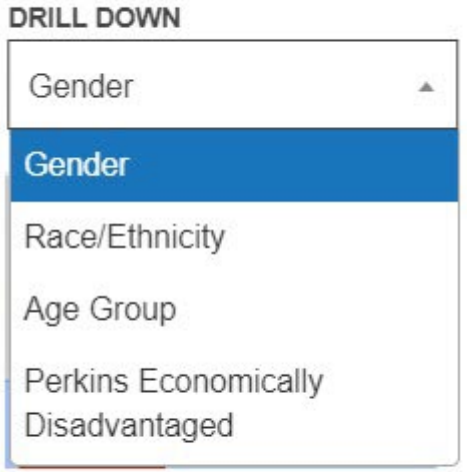
For more detailed information, go to the Detailed Data view under the Equity Gap section.
Please make any selection besides "All Programs" under Program or Sector.

Are there Equity Gaps in Completion using a Proportionality Index?

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.



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

California Community Colleges

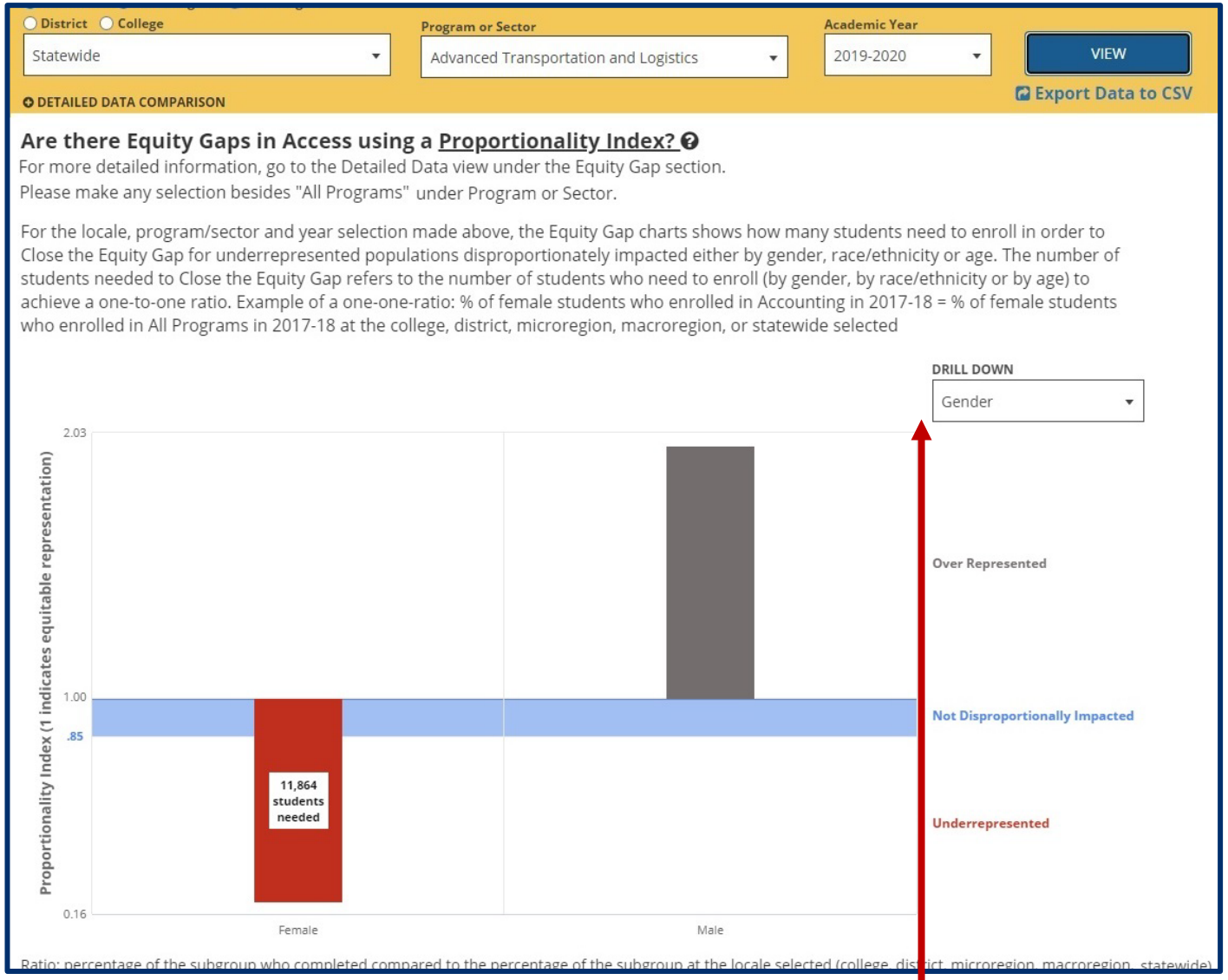
For more information about Equity Gap Charts in CCP:
https://launchboard-resources.wested.org/resources/160

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



View gaps by gender, race/ethnicity or age group

California Community Colleges

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

California Community Colleges

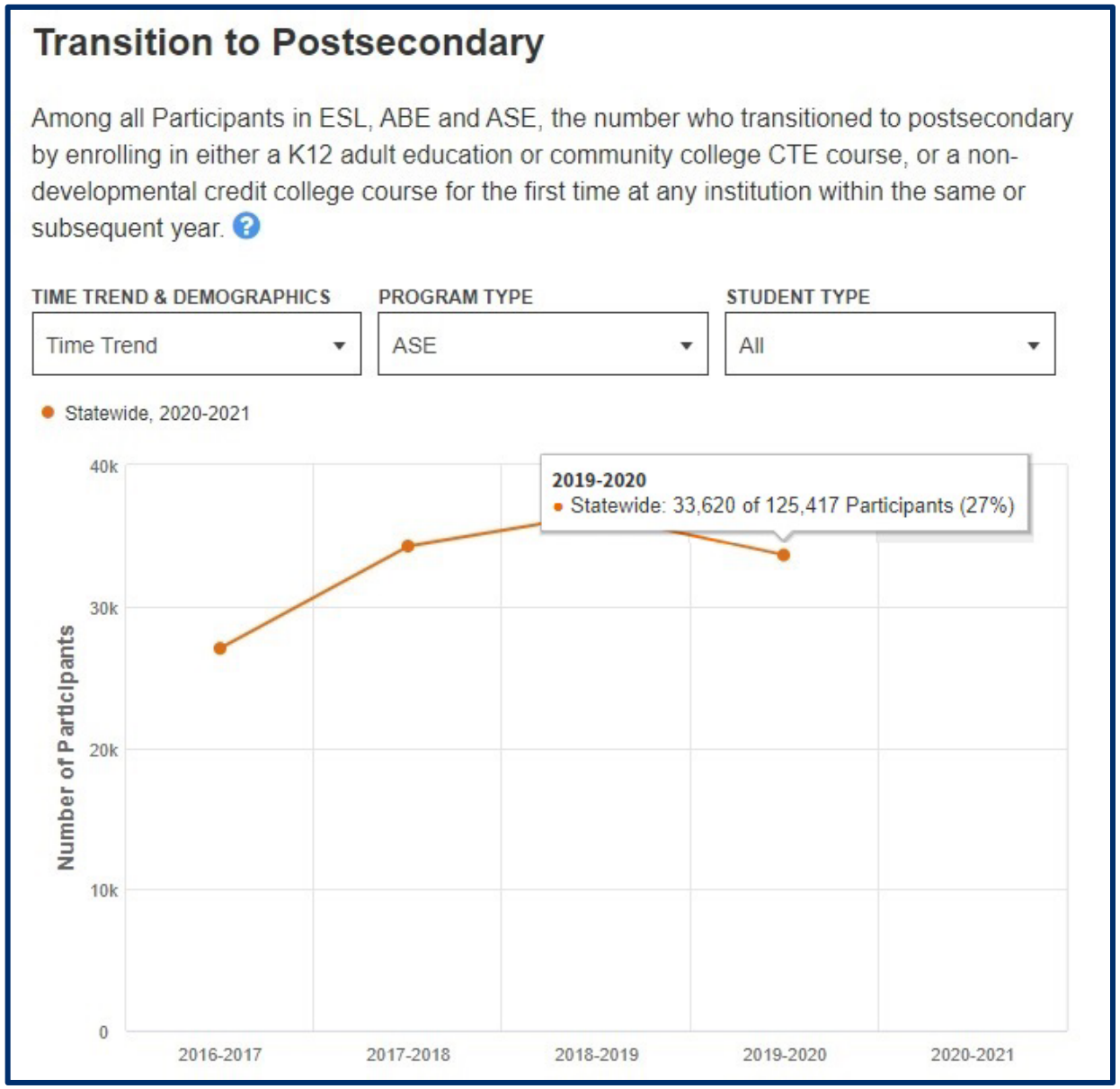
For more information about Labor Market Data and Online Job Postings: https://launchboard-resources.wested.org/resources/161

Adult Education Pipeline Dashboard

California Community Colleges

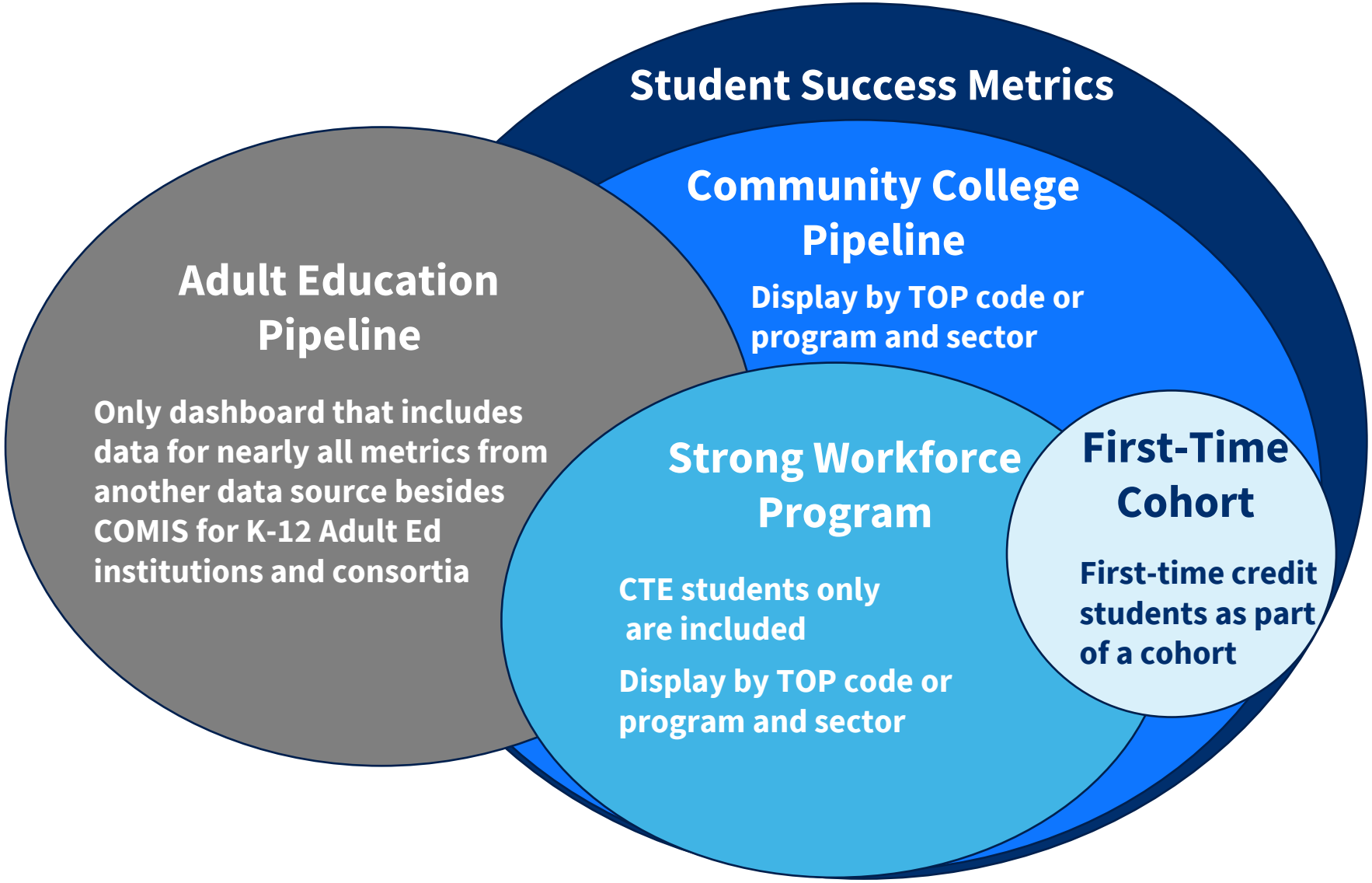
Adult Education Pipeline

- 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



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

NOT TO SCALE



California Community Colleges

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)

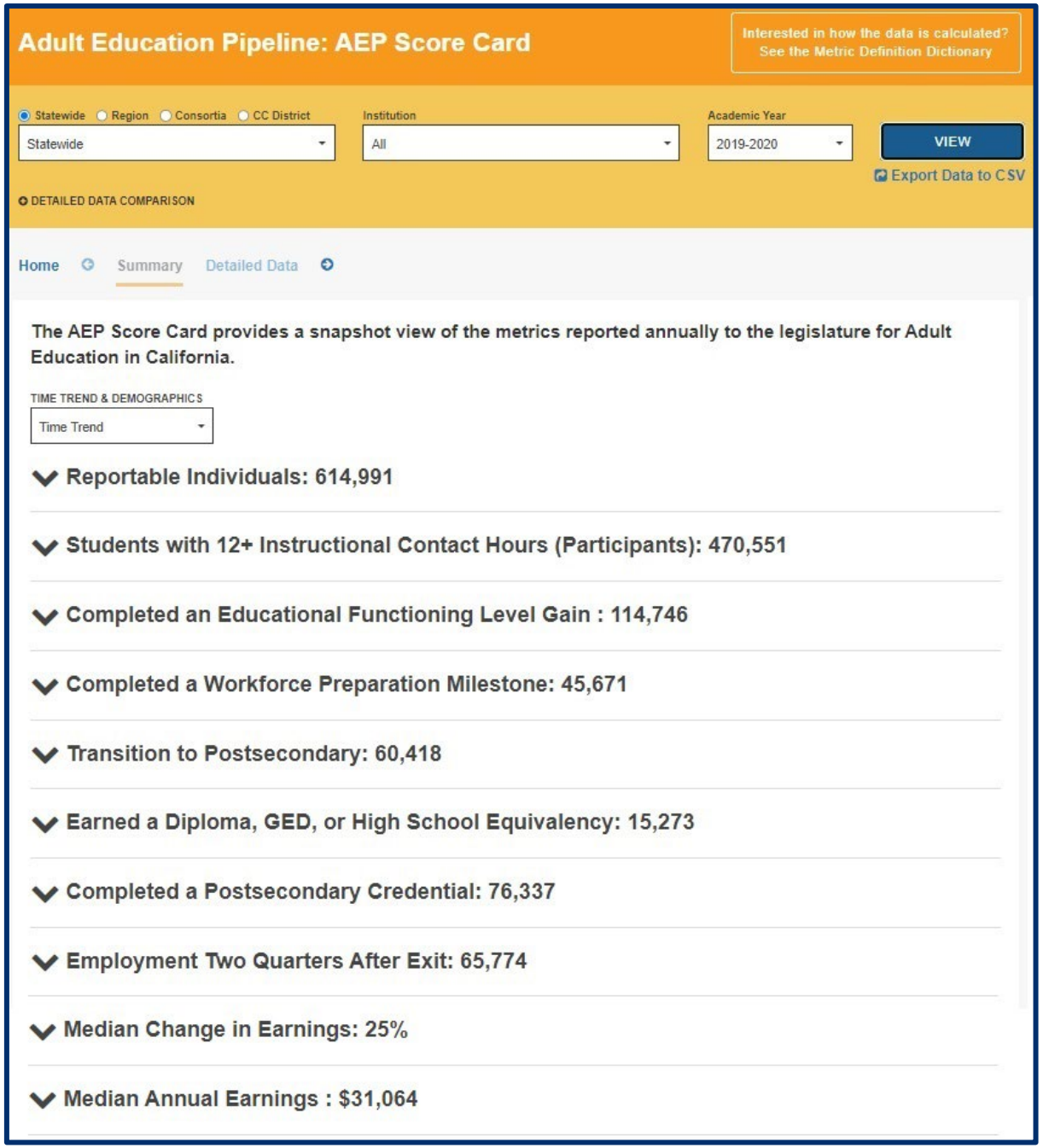
Community College Pipeline and Adult Education Pipeline have 3 levels of information

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

California Community Colleges

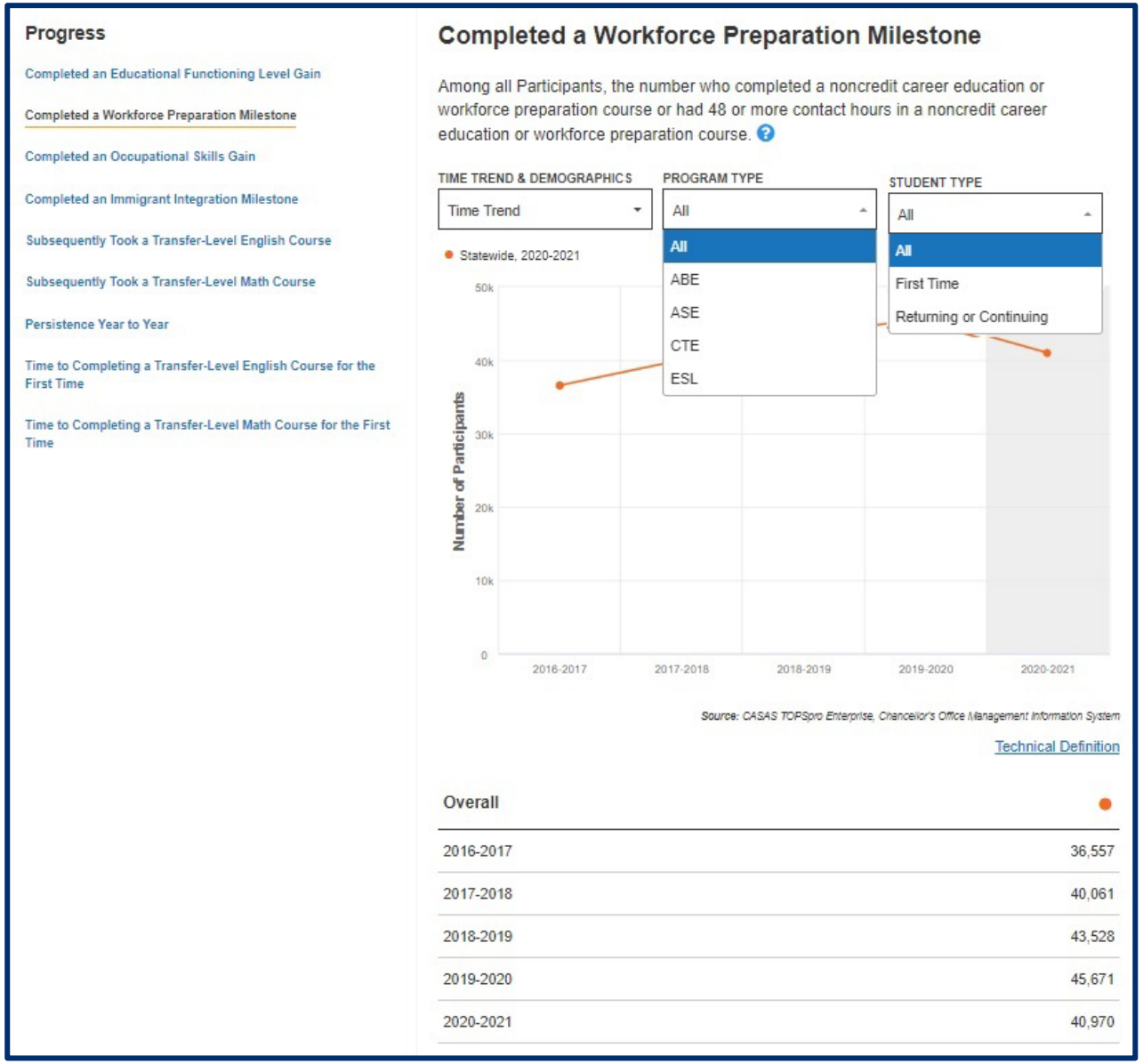
AEP Score Card

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



California Community Colleges

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



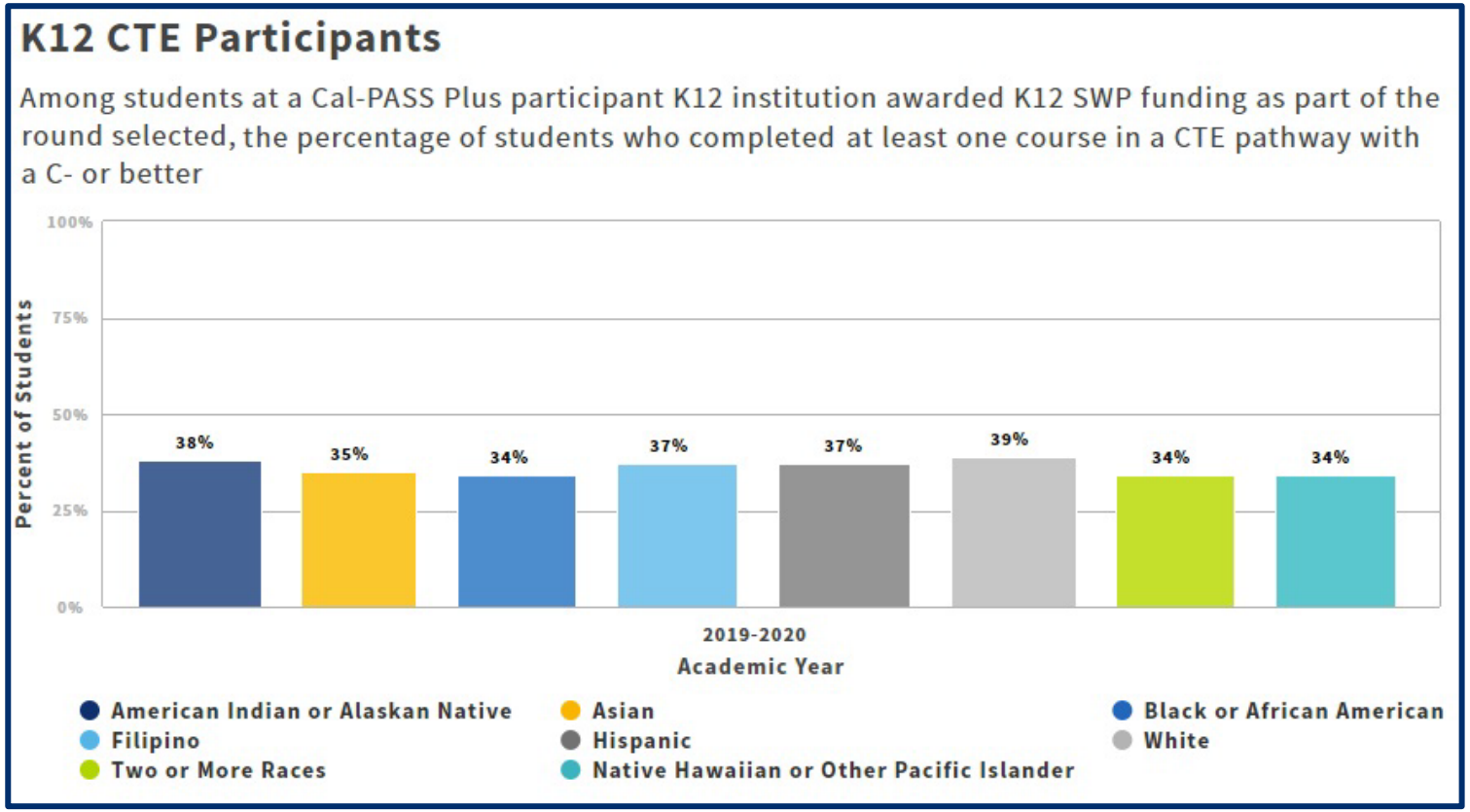
California Community Colleges

K12 Stong Workforce Program Dashboard

California Community Colleges

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



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!

California Community Colleges

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

California Community Colleges

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?

California Community Colleges

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

Interested in:
- Changes and updates for the August 2022 release?
- Changes in metric definitions for the April 2022 release?
- How the metrics are calculated?

Journey Type: Degree/Transfer Students

Statewide | Macroregion | Microregion | District | College: Sierra College

Academic Year: 2020-2021

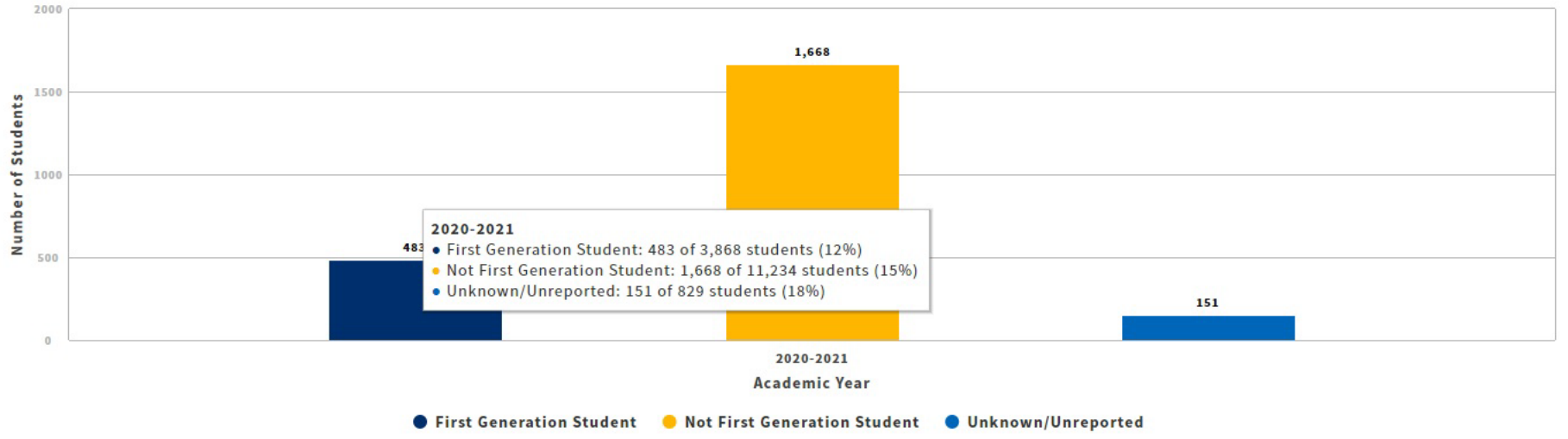
Drill Down: First Generation

SUCCESS

Transitioned to Postsecondary or Earned an Award

Among students in selected student journey, the number of students who earned various types of awards in the selected year or attained apprenticeship journey status and the number of adult basic education, adult secondary education, and English as a Second Language students who enrolled in either a noncredit career education course or any college level credit course in the selected or subsequent year

Metric: Attained the Vision G...



Viewing: Attained the Vision Goal Definition of Completion

California Community Colleges

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

Go Back

California Community Colleges | Student Success Metrics

Cohort View

Interested in:
- Changes and updates for the August 2022 release?
- Changes in metric definitions for the April 2022 release?
- How the metrics are calculated?
- Data provided for 2022 Student Equity Planning?

Cohort Length: After 3 Years

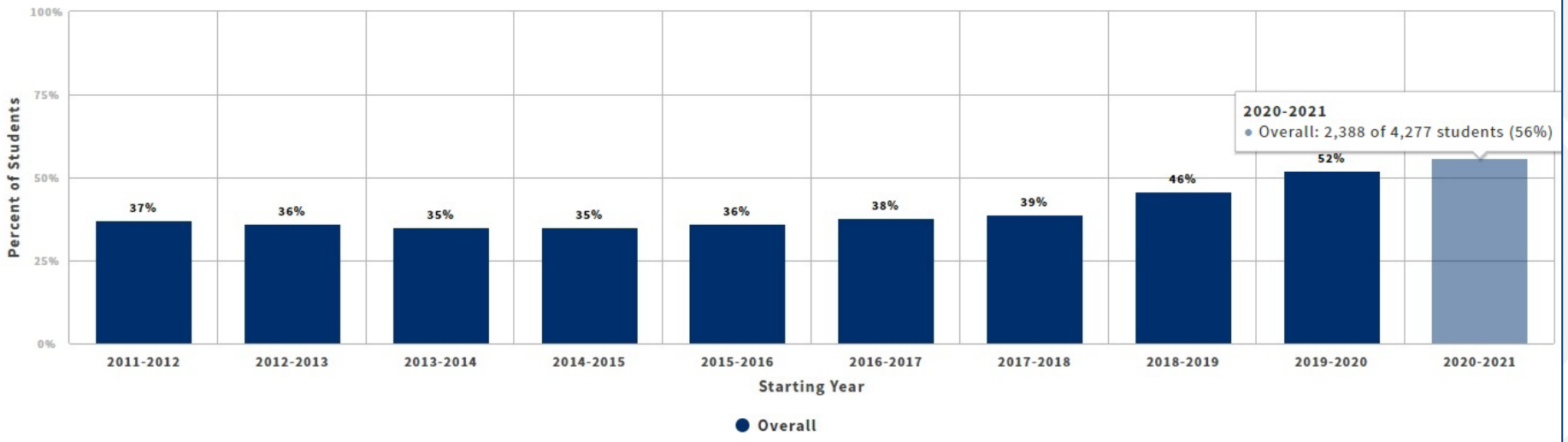
Statewide | Macroregion | Microregion | District | College: Sierra College

Starting Academic Year: 2020-2021

Drill Down: Time Trend

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



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.

California Community Colleges

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?

Go Back

California Community Colleges | Student Success Metrics

Cohort View

Interested in:
- Changes and updates for the August 2022 release?
- Changes in metric definitions for the April 2022 release?
- How the metrics are calculated?
- Data provided for 2022 Student Equity Planning?

Cohort Length: After 3 Years

Statewide | Macroregion | Microregion | District | College: College

Sierra College

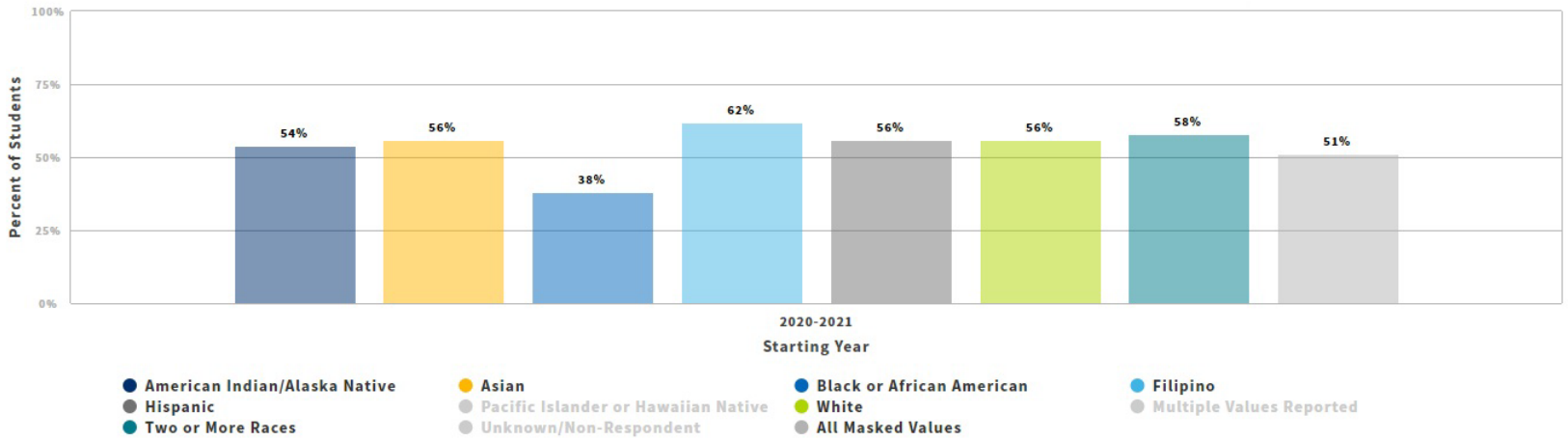
Starting Academic Year: 2020-2021

Drill Down: Race/Ethnicity

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

Display Drill Down by: Default | View by Gender



Groups with fewer than ten people or missing information are summed together and displayed in the "All Masked Values" for Suppression and Complementary 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.

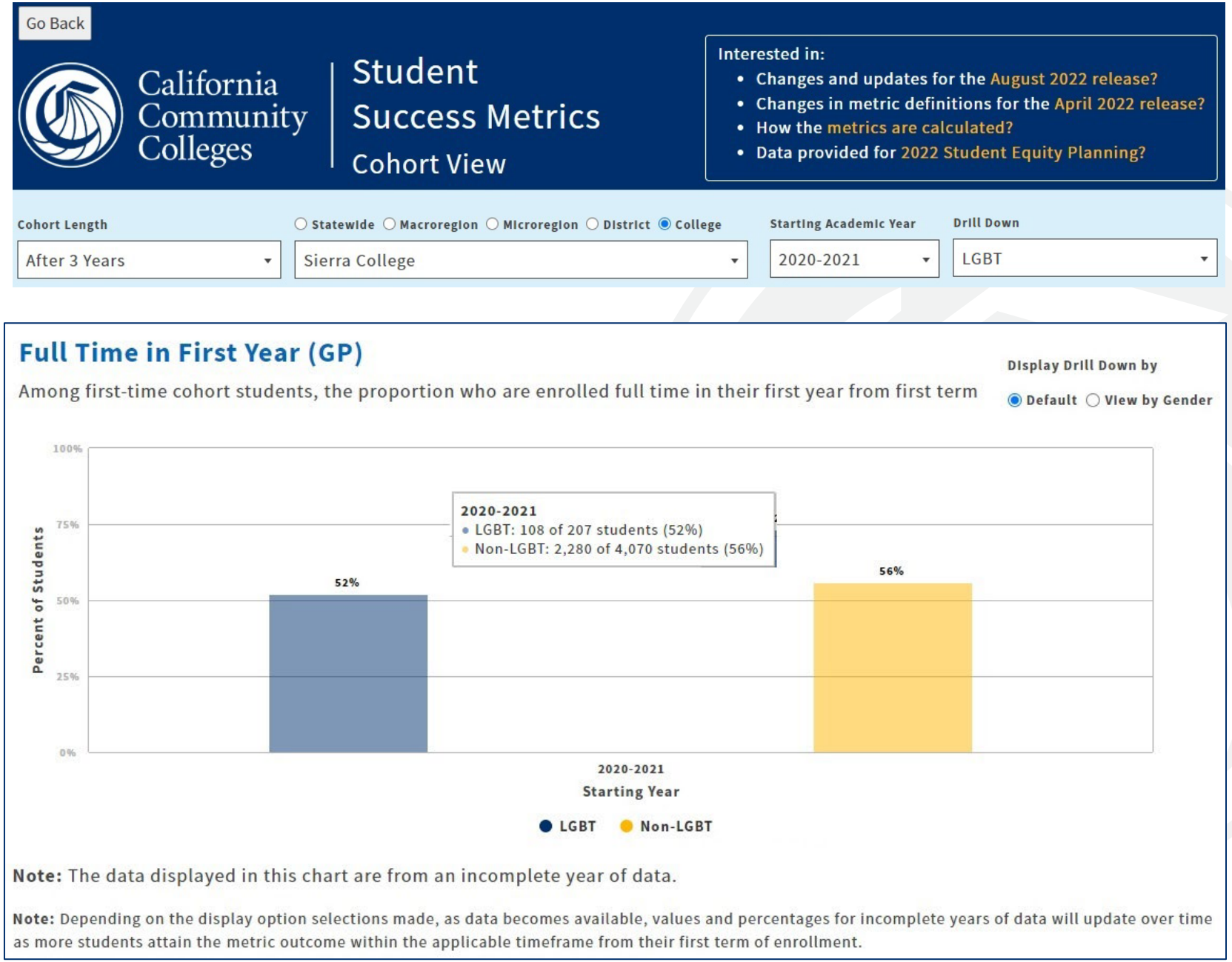
Note: The data displayed in this chart are from an incomplete year of data.

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.

California Community Colleges

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?



California Community Colleges

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

California Community Colleges | Strong Workforce Program

Interested in how the data is calculated? See the Metric Definition Dictionary

Statewide | Macroregion | Microregion | District | College

Sierra College

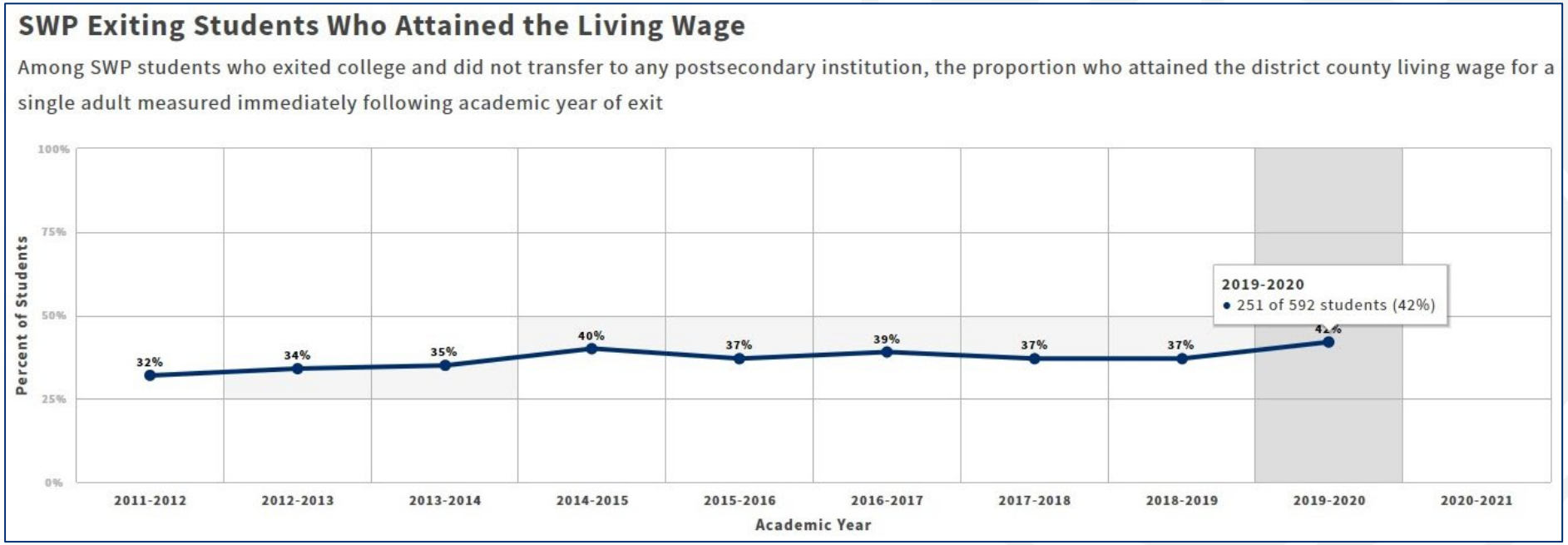
Program or Sector: Health

Year: 2019-2020

Drill Down: Time Trend

COMPARISON

Viewing Data for: Sierra College, Health



California Community Colleges