



California Community Colleges

Using K12 SWP Dashboard Data to Inform Planning

CCCAOE Spring
April 20, 2023



Bitly link for PPT: <https://bit.ly/CCCAOEK12SWPS23>

Welcome



K12 STRONG WORKFORCE PROGRAM

The purpose of the K12 Strong Workforce Program is to create a seamless transition for California's secondary education students into community college completion to in-demand careers.

K-12 FUNDING ALLOCATIONS: EDUCATION CODE, SECTION 88827

The initiative annually funds \$150 million to support K-12 local education agencies (LEAs) in creating, improving and expanding career education (CE) pathways and programs. The SWP K-12 program provides an additional \$12M in funding for a two-tiered system of technical assistance to the field. The funds are allocated to LEA's to hire 72 pathway coordinators providing the K-12 system \$9.3M for direct technical assistance and \$2.6 M for 8-Technical Assistance providers to provide regional support to LEA's. This team provides extensive direct assistance to the field to successfully implement the program.

PROGRAM GOALS

- Increase college access and readiness through strengthened K-12 and community college system alignment and collaboration
- Engage regional employers to participate in career education programs by advising on curriculum for in-demand skills, internships, and mentorship
- Introduce K-12 students to careers of the future
- Increase student achievement and preparation for high-wage, high growth jobs by completing industry-valued certificates and degrees



K12 SWP 'CALIFORNIA VOICES'

“ Shasta High School student, **NOLAN SPENCER**, was one of the first students to take robotics classes at the high school through an SWP K-12 program. He said of the experience, it 'led me to my eventual career path.' He was a founding member of the school's robotics club and organized a robotics competition. The machine had to venture from their classroom to the principal's office running on code alone. While only one machine made it to the finish line, Spencer recalled that 'everyone enjoyed the learning process.' ”

“ Moreno Valley Unified School District was awarded Round 1 of the K12 Strong Workforce Program to advance their Cyber Career Pathways at 4 high schools. Funds contributed to establishing the first K12 Cyber Innovation Center in a K-12 public school district nationwide. The ribbon cutting ceremony was attended by State Superintendent Tony Thurmond. **LATOYSHA BROWN**, College and Career Readiness Director shared, "Due to the SWP K12 Grants, our Academic Partners, and Industry Partners we were able to meet and exceed our goals - even during COVID - and received the California Pivotal Practice Award 2021-22". ”

“ **RYANNE MESCHKAT** who teaches at John Burroughs High School in Burbank, stated "This year my students in our Film and Television Production career pathway earned college credit due to strong articulation agreements with our community college partner LA Valley College. Students also had opportunities to work with our business partner PBS SoCal and PBS NewsHour; one group of student reporters had their work featured on their national broadcast." ”

INDUSTRY SECTORS & PATHWAYS	TOTAL NUMBER OF STUDENTS WHO COMPLETED A PROGRAM ACROSS ALL ROUNDS	K12 SWP AWARD DISTRIBUTION BY INDUSTRY SECTORS AND PATHWAYS ACROSS ALL ROUNDS
Agriculture and Natural Resources	45,082	\$57,524,902
Arts, Media, and Entertainment	85,963	\$68,331,809
Building and Construction Trades	16,856	\$52,825,545
Business and Finance	16,134	\$45,987,817
Education, Child Development, and Family	16,102	\$34,764,158
Energy, Environment, and Utilities	4,832	\$17,466,244
Engineering and Architecture	32,403	\$59,390,426
Fashion and Interior Design	1,721	\$7,967,369
Health Science and Medical Technology	74,901	\$113,105,250
Hospitality, Tourism, and Recreation	31,456	\$39,825,328
Information and Communication Technologies	30,187	\$71,353,328
Manufacturing and Product Development	10,637	\$60,758,430
Marketing, Sales, & Service	10,672	\$27,521,228
Public Services	20,891	\$39,715,290
Transportation	20,912	\$41,484,541
TOTAL	418,749	\$738,021,665

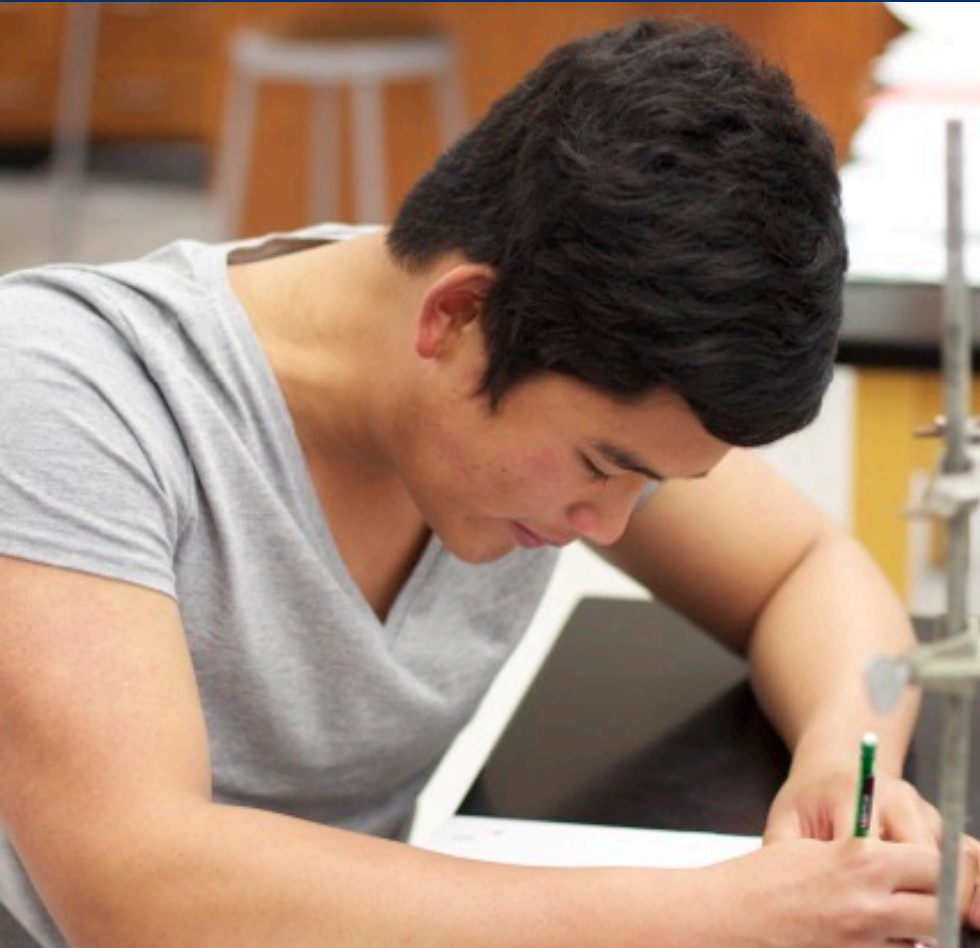
To learn more, please visit the California Community Colleges Chancellor's Office Workforce and Economic Development Division website at: www.cccco.edu/about-us/Chancellor's-Office/Divisions/Workforce-and-Economic-Development

CONNECT WITH US

Objectives

Participants of this session will learn:

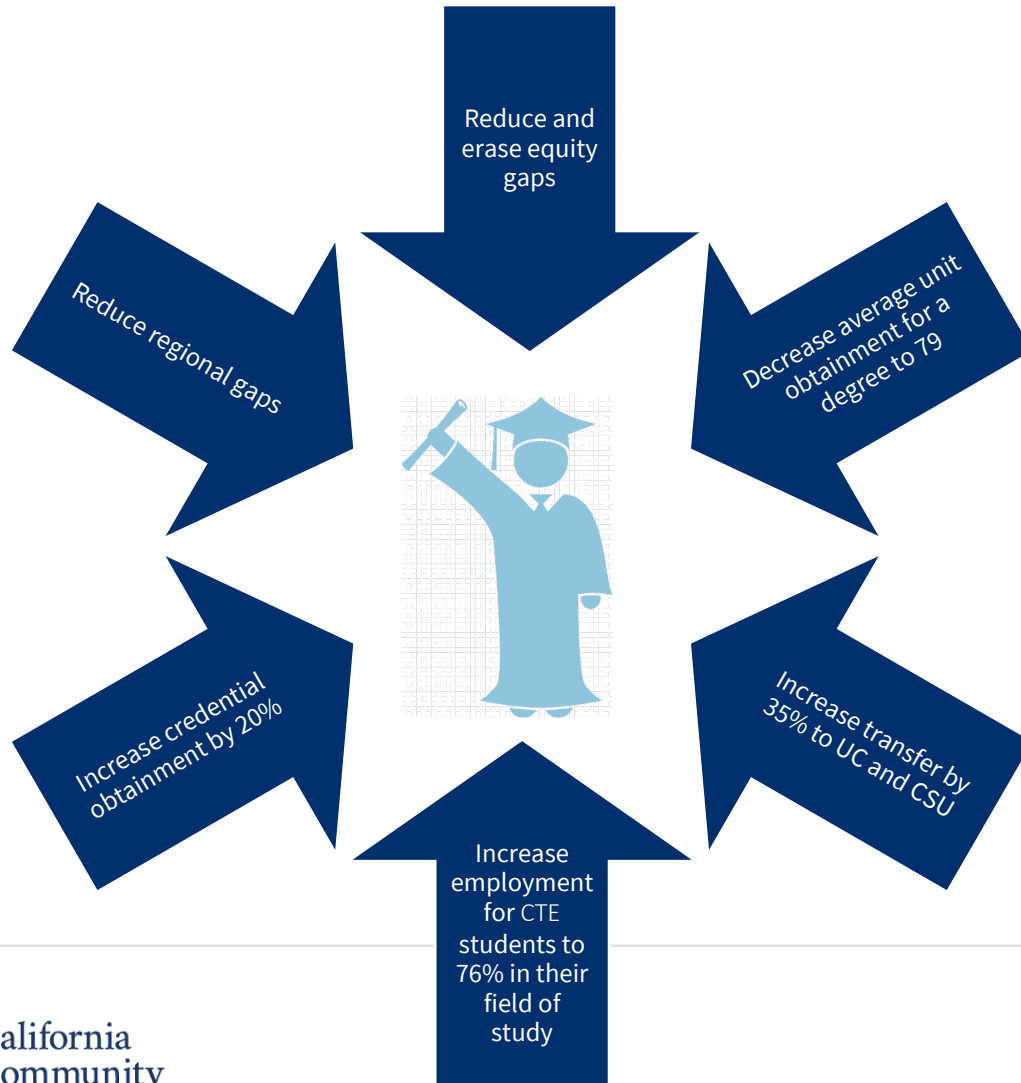
- 1) Overview and understanding of data in the K12SWP dashboard
- 2) How to use the data to build and evaluate pathways between Secondary and Post-Secondary
- 3) How to reflect on your data with Labor Market Information in your region



Vision for Success

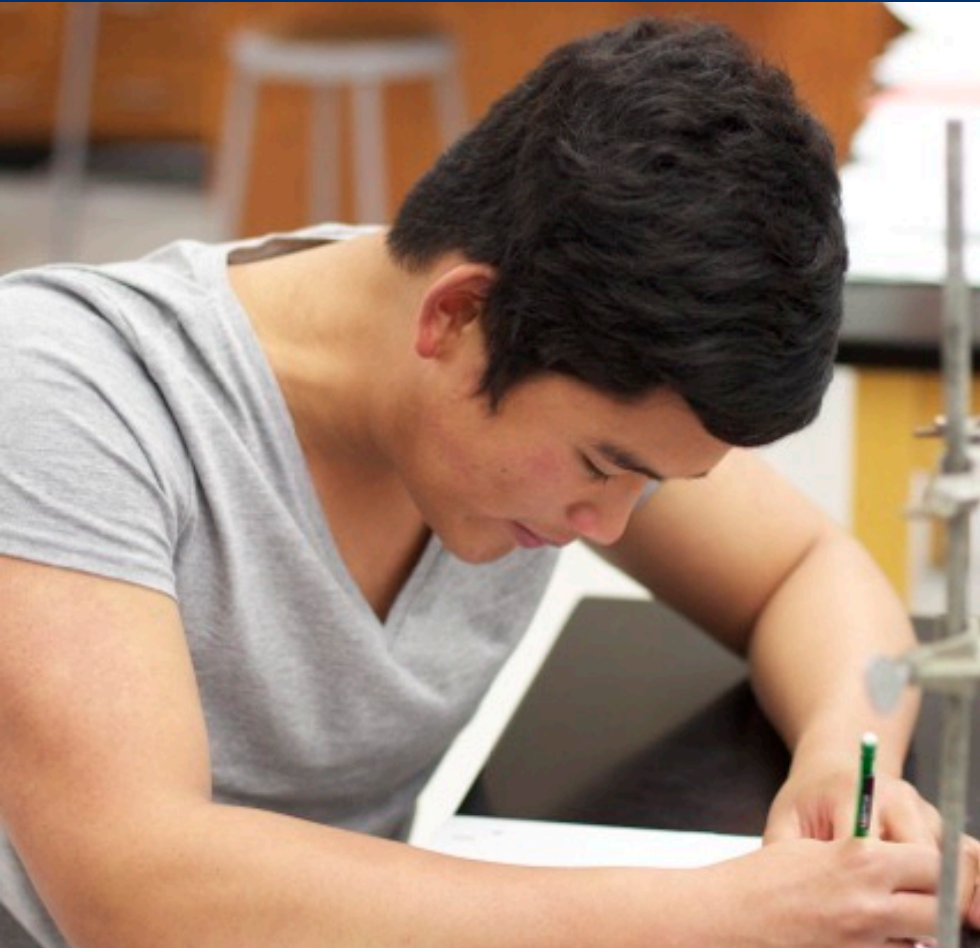
CA Community College
Vision for Success and K12
Strong Workforce Program

Vision Goals



Vision Commitments

1. Focus on students' goals
2. Design with the students' experience in mind
3. High expectations and high support
4. Foster use of data and evidence
5. Own student performance
6. Thoughtful innovation and action
7. Cross-system partnership



The LaunchBoard

K12 Strong Workforce Program and
Strong Workforce Program
Dashboards

The LaunchBoard



California
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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.](#) If you have any questions or feedback, please email launchboard@cccco.edu.



California
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Student Success
Metrics

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](#)



K12 Strong Workforce Program

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

[Explore](#)



Guided Pathways

Guided Pathways metrics have been brought into the Student Success Metrics Cohort View. Guided Pathways will not be updated in 2021-22.

[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



California
Community
Colleges

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

Dashboards in the LaunchBoard

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 who successfully uploaded the necessary CALPADS files

Strong Workforce Program—displays data for CA community college students enrolled in CTE programs at the industry sector and individual program level (using TOP4 and TOP6 for the CA community college coding system) - **only includes students who enroll as non-special admit in a CTE program**

Where does the data come from that populates the LaunchBoard Dashboards?

K12 information from CALPADS for K12 SWP submitted to CalPASS Plus

Student and program term and annual files (submitted by college institutional research offices to the Chancellor's Office MIS)

Employment and earnings data from Employment Development Department

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

Nuts and Bolts of the K12 SWP Dashboard Data

What data is included:

- Aggregated student level data for 9th-12th graders for LEAs awarded K12 SWP funding in Rounds 1, 2, or 3
 - who have successfully uploaded their CALPADS files to Cal-Pass Plus
- Data is displayed for institutions mapped to funded LEAs
 - also at the LEA, county, region, statewide levels

Nuts and Bolts of the K12 SWP Dashboard Data

- **Provides** aggregated student counts for funded LEAs
- **Allows** us to see what percentage of those students are CTE students, participants, completers, completers with early college credit, completers by industry sector, and HS graduates
- **Aggregates** student level data to see outcomes at the institution, LEA, county, region or statewide level
- **Does NOT allow** us to know which students were directly impacted by the investments made with the K12 SWP dollars distributed since data submitted includes all students
- **Does NOT allow** us to understand the impact of K12 SWP expenditures vs CTEIG or other programmatic expenditures

K12 SWP Dashboard: Making Sense of the Data

The dashboard includes data for an institution or LEA if they received K12 SWP funding

...but there are limitations

- All necessary CALPADS data files must be successfully uploaded to Cal-PASS Plus
 - Missing files or missing years of data impact what can be displayed
 - With every release displayed data may change due to more data being submitted
- Data are at the student level, but it is aggregated and presented at the institution or LEA level
 - Data represent students at funded institutions but is not representative of a particular funding source (i.e., CETIG) or any direct program services

Nuts and Bolts of the K12 SWP Dashboard Data

Issues with **Disaggregations or Drill Downs** on the data due to lack of access to files prior to start of funding in SY 2018-19

- **Gender, Race/Ethnicity:** “Missing” gender or race/ethnicity subgroup
- **English Learners:** underrepresented compared to other CDE sources.
- **Socioeconomically Disadvantaged, Homeless and Students with Disabilities:** underrepresented compared to other CDE sources.

Nuts and Bolts of the K12 SWP Dashboard Data

With Cal-PASS Plus data **we can tell a story** using quantitative aggregated student level data at any level (LEA or statewide)

- **We** want to be able to tell the story of the impact of the K12 SWP funds and the good work that you are doing
- **You** can tell your own stories using dashboard data with your local knowledge of which courses, students, CTE pathways, or industry sectors were funded

Student Stories

K12 SWP Funding



Oceanside USD: Launched a New Biotech Pathway

El Camino High School in Oceanside Unified School District has developed a new CTE pathway for Biotechnology with K12 SWP grant funding. It is an exciting opportunity for El Camino High School and MiraCosta Community College to provide students with the necessary skills and knowledge for a successful career in the biotechnology industry. This CTE pathway will focus on preparing students for entry-level positions in the biotechnology industry and connect to the programs offered at MiraCosta.

El Camino High School has partnered with Biocom, a leading trade association for the life science industry in CA. Biocom's extensive network of biotech companies and organizations will provide invaluable industry insight and guidance to help shape the curriculum and ensure that students are learning the most relevant and up-to-date skills. The K12 SWP grant has been invaluable for helping this pathway get off the ground, especially with equipment and development of the pathway!

Oceanside USD: New Biotech Pathway



Biotechnology at El Camino High School is a course I created in 2019 to give 9th graders an alternative to taking Biology. In this course they take what they learn about Biology and apply it to real world issues using Biotechnology tools and equipment. Thanks to industry connections with Biocom Institute, Salk Institute, Illumina, Amgen, and Genentech students have the opportunity to do hands-on activities and labs that are normally not done until they are in college or working in the industry. Students in Biotechnology at El Camino have genetically engineered bacteria and have done genomic sequencing on bacterial DNA, along with many other engaging labs that allow them to actually do science, rather than just learn about it. - **Elizabeth Perkosi**



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Live Demo

K12 SWP & SWP Dashboard



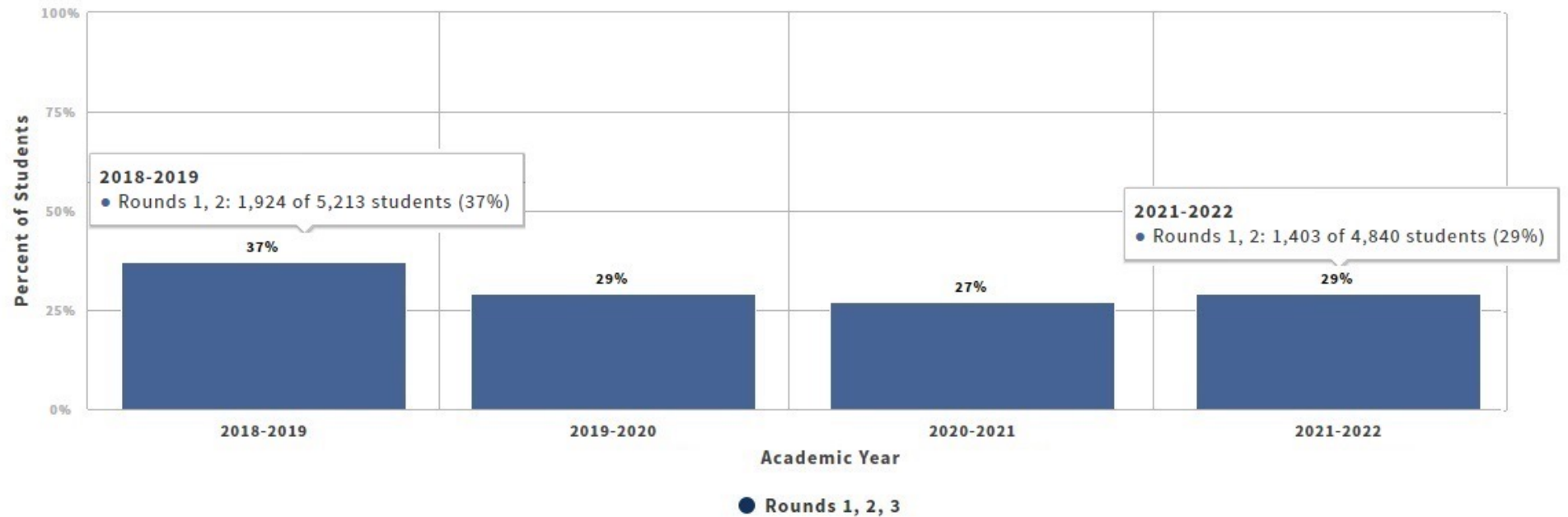
Oceanside USD & The LaunchBoard

From 2018-19 to 2020-21:

- Percentage of K12 SWP students who completed at least one CTE course down 8% from 37% to 29%
- Number of CTE Participants down by 521 students or $521/1,924=27\%$

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



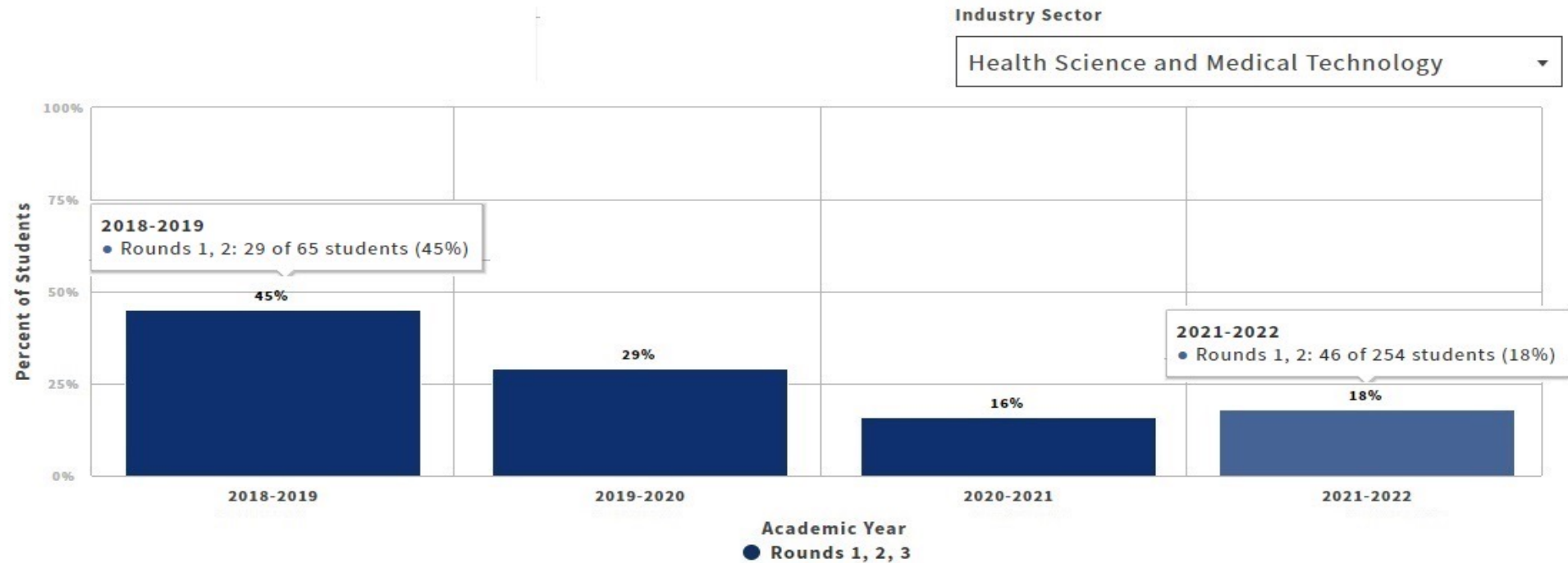
Oceanside USD & The LaunchBoard

From 2018-19 to 2020-21:

- Percentage of K12 CTE Completers in the HS and Med Tech sector down by 27% from 45% to 18%
- Number of K12 CTE Completers up in the HS and Med Tech sector by 17 students or $17/29=59\%$

K12 CTE Completers by Industry Sector

Among students who completed 300 career education hours in an industry pathway and successfully completed the capstone course with a C- or better, the percentage of students who completed in each industry sector.



Oceanside USD & The LaunchBoard

OR export to csv to filter or to pivot...just remember to save as an xls or Excel file

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	localeN	roundI	metricI	title	descrip	year	source	sectorI	sectorLabel	disagg	subgroI	value	denom	perc
825	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	10	Health Science and Medical	Overall	Overall	46	254	0.181102
829	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	14	Building and Construction Tr	Overall	Overall	43	254	0.169291
833	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	17	Engineering and Architecture	Overall	Overall	41	254	0.161417
1237	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	18	Arts, Media, and Entertainm	Overall	Overall	36	254	0.141732
1241	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	15	Public Services	Overall	Overall	35	254	0.137795
1245	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	16	Transportation	Overall	Overall	25	254	0.098425
1249	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	12	Information and Communicat	Overall	Overall	18	254	0.070866
1671	Oceanside	1	KS 117	K12 CTE Completers by Industry Sector	Among st	2021	CALPADS	15	Education, Child Developme	Overall	Overall	11	254	0.043307

Filter for one round only or will get duplicates if funded in more than one round

Filter for metric that you want to consider

Filter for latest year to see sectors with highest numbers of K12 SWP Completers

Sectors ranked R1 Awardees by No. of K12 CTE Completers

Filter for Overall

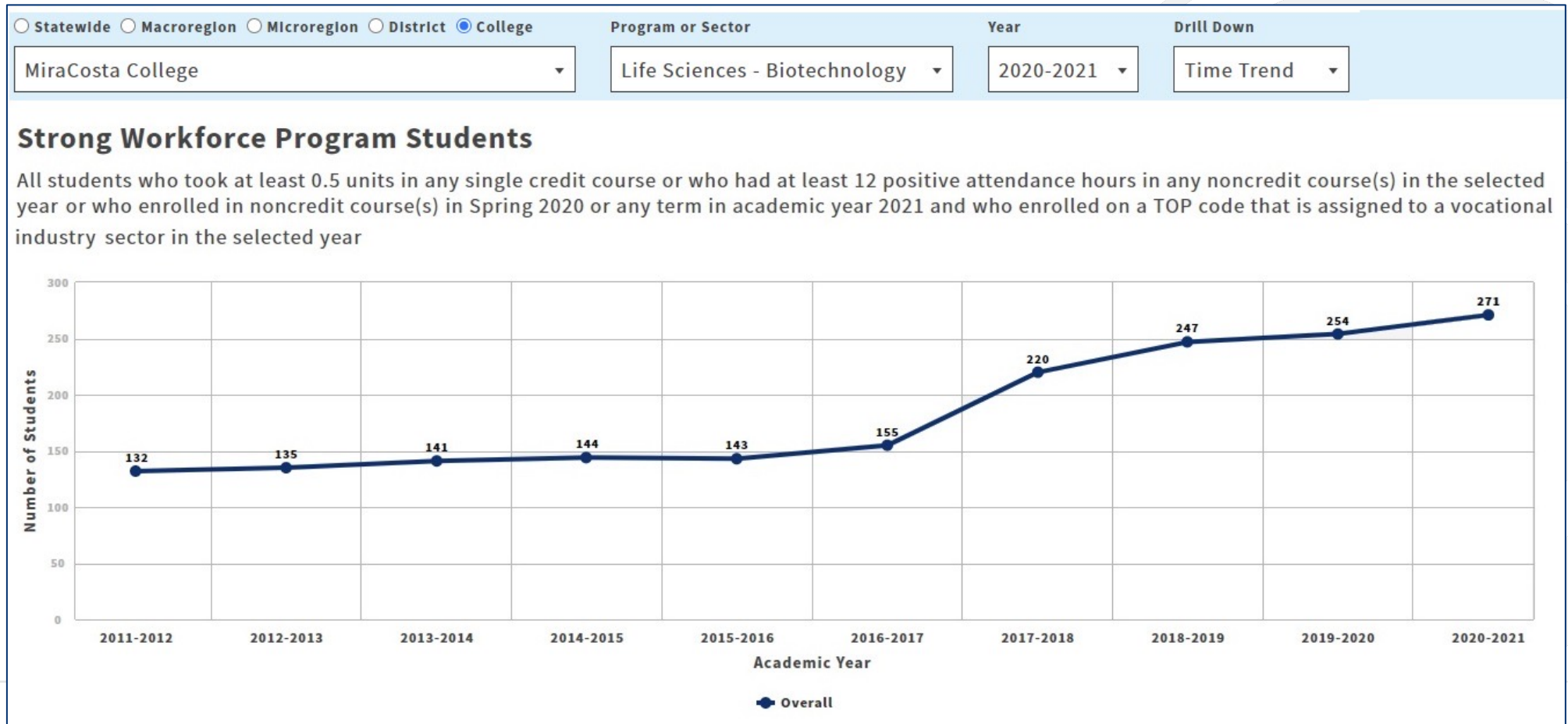
Sort by largest value OR could sort by percent

Students included in SWP vs K12 SWP dashboards

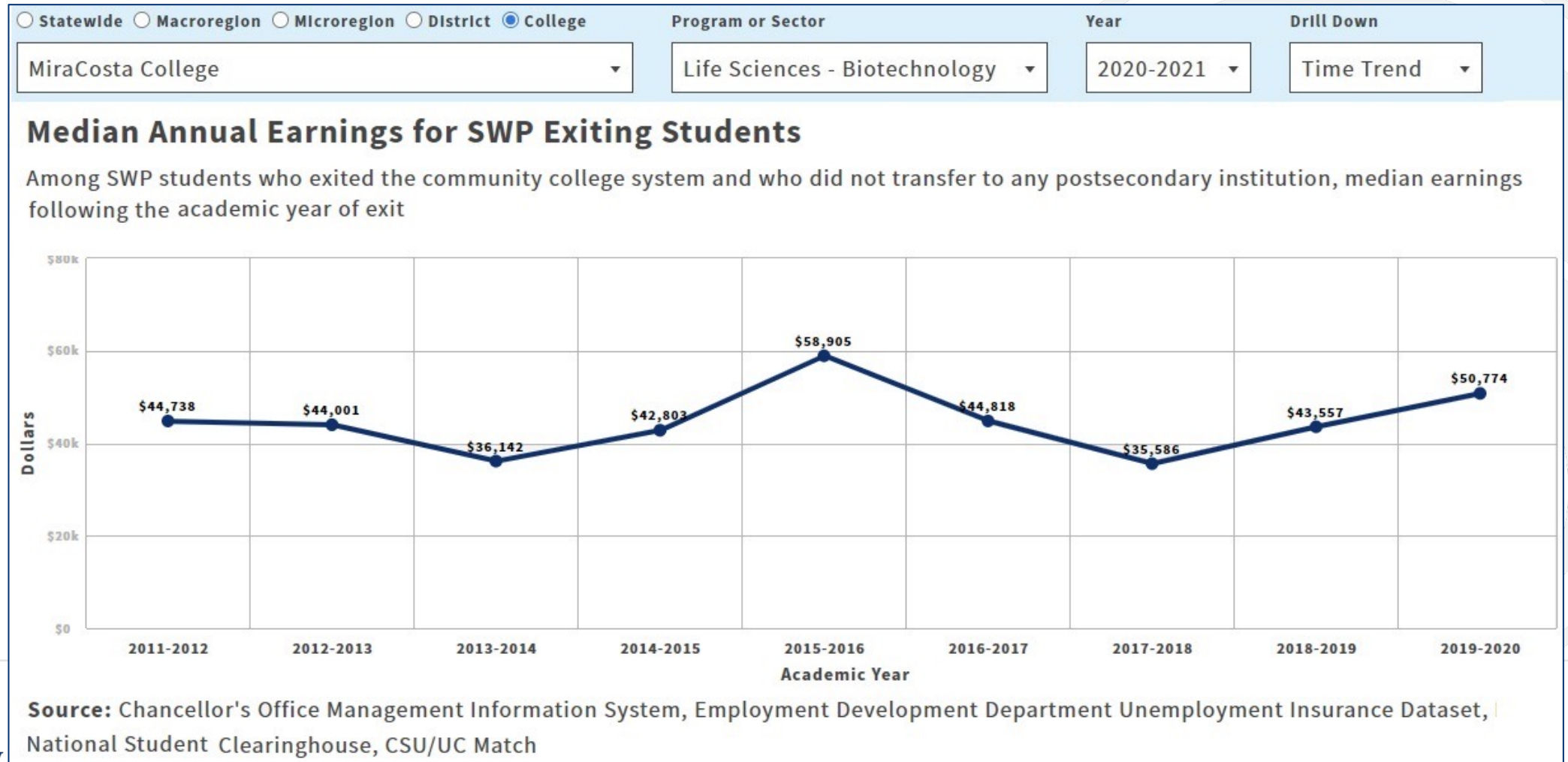
Strong Workforce Program dashboard only includes students who enroll as non-special admit in a CTE program at a CA community college

- **Therefore, the SWP dashboard does not include any students that would be found in the K12 SWP dashboard**

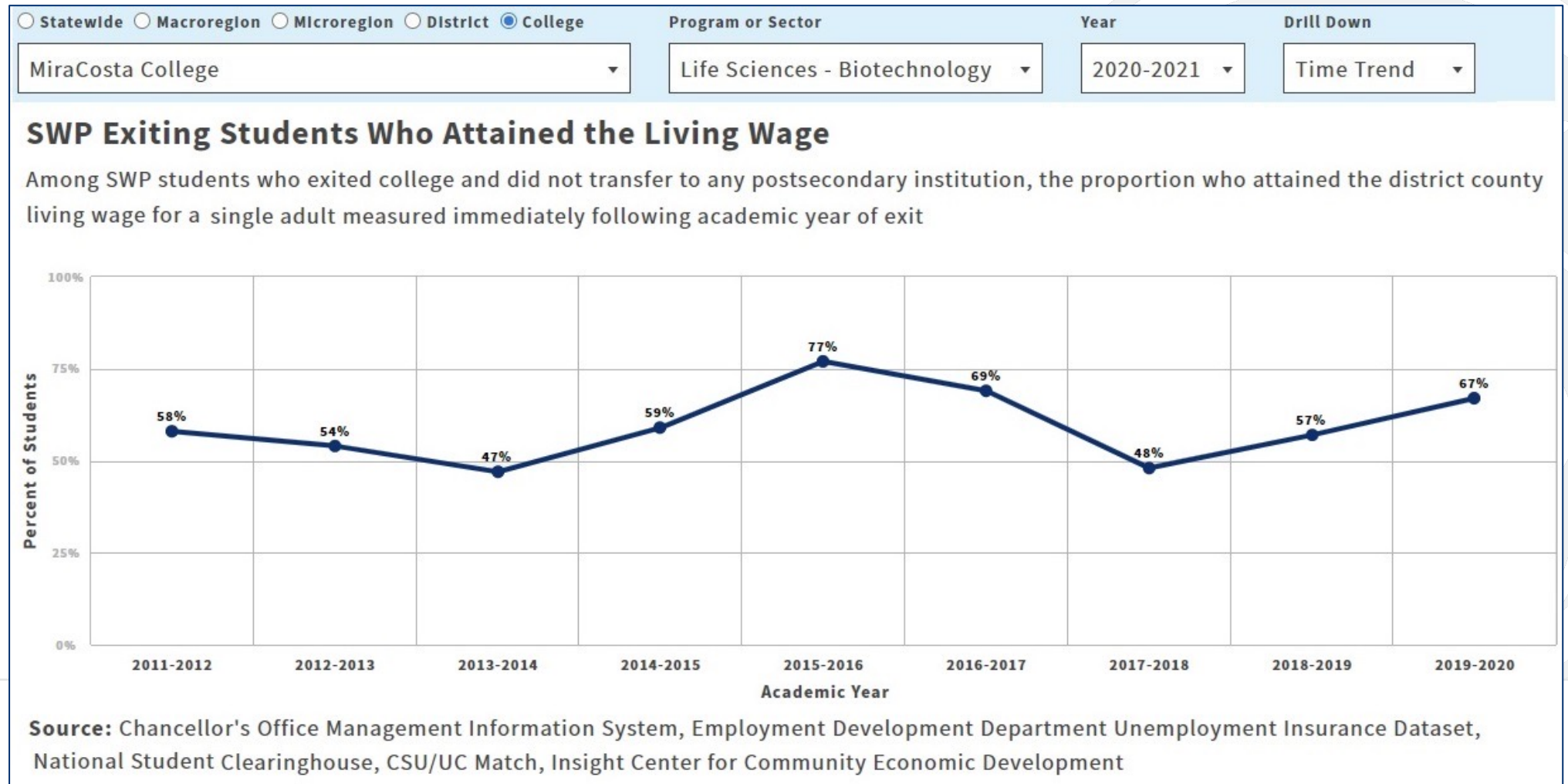
Follow CTE Pathway to Biotech at MiraCosta on the SWP Dashboard



Follow CTE Pathway to Biotech at MiraCosta on the SWP Dashboard



Follow CTE Pathway to Biotech at MiraCosta on the SWP Dashboard



Considering Regional Labor Market Information

Bay Region and the Centers of
Excellence for Labor Market
Research

Sarah Watanabe
San Mateo Pathway Coordinator



Bay Region Example of Labor Market Training and Use of LMI Data

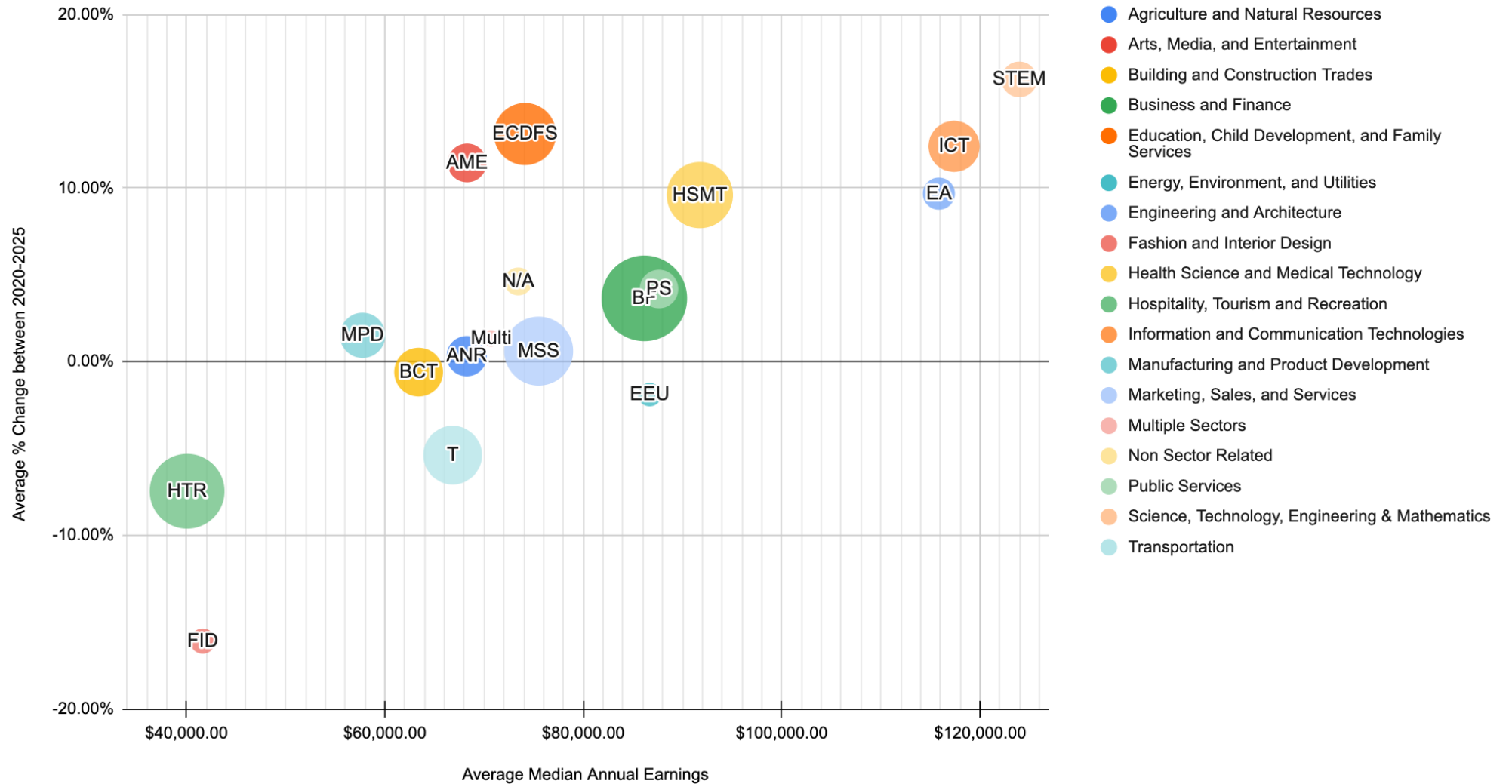
Train the Trainer Series: 6 trainings on LMI for the Pathway Coordinators in the Bay Region by the Centers of Excellence for Labor Market Research

- [Link to agenda for the 6 trainings](#)

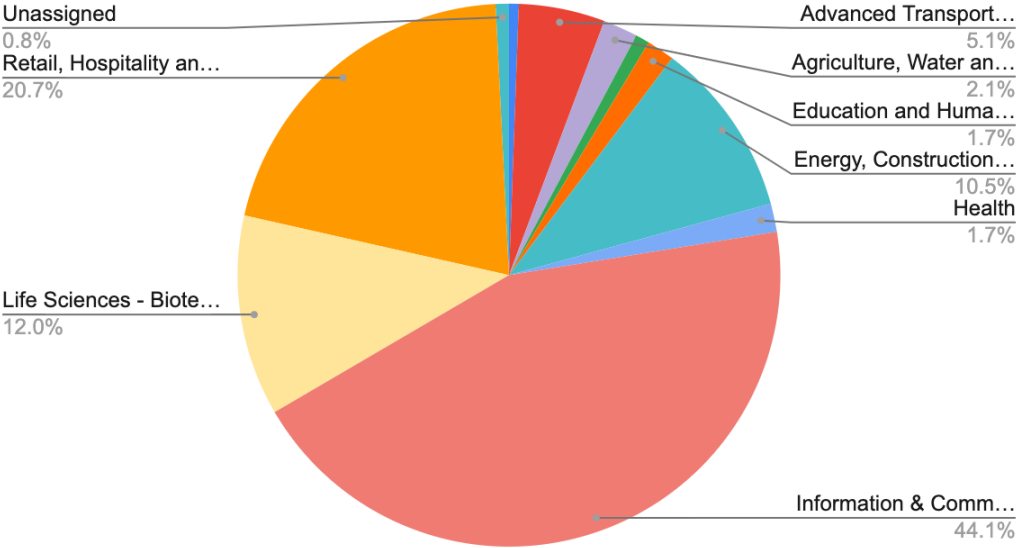
Centers of Excellence [Demand Tool](#)

Summary of Sectors in San Mateo County

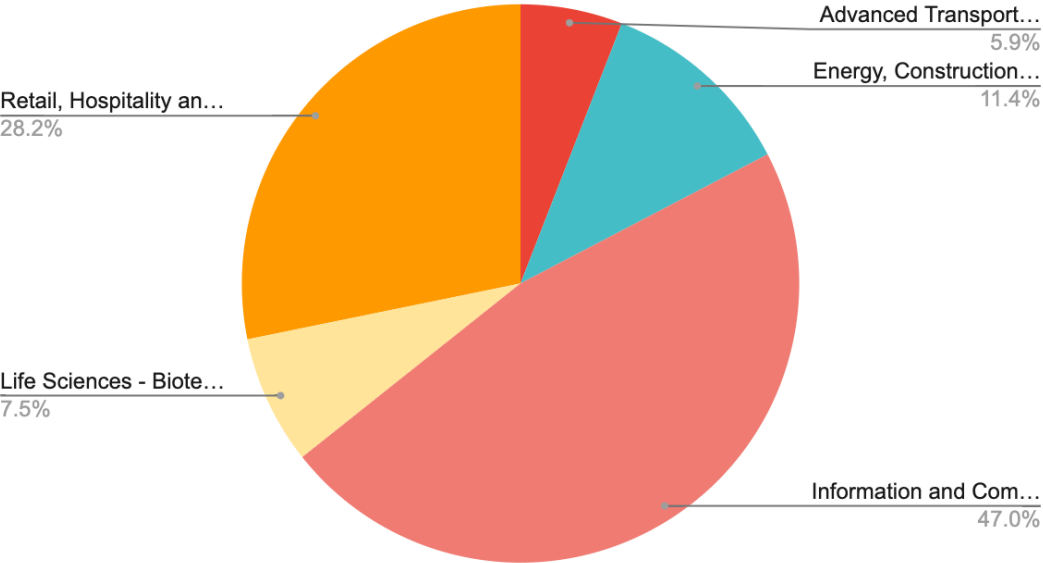
Summary of Sectors in San Mateo County



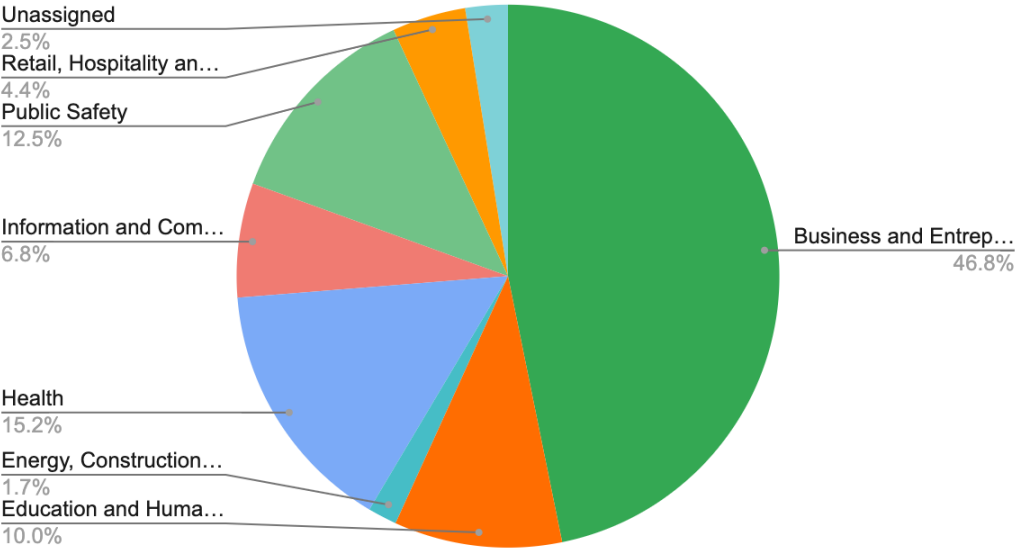
K12 CTE Enrollment 2018-19



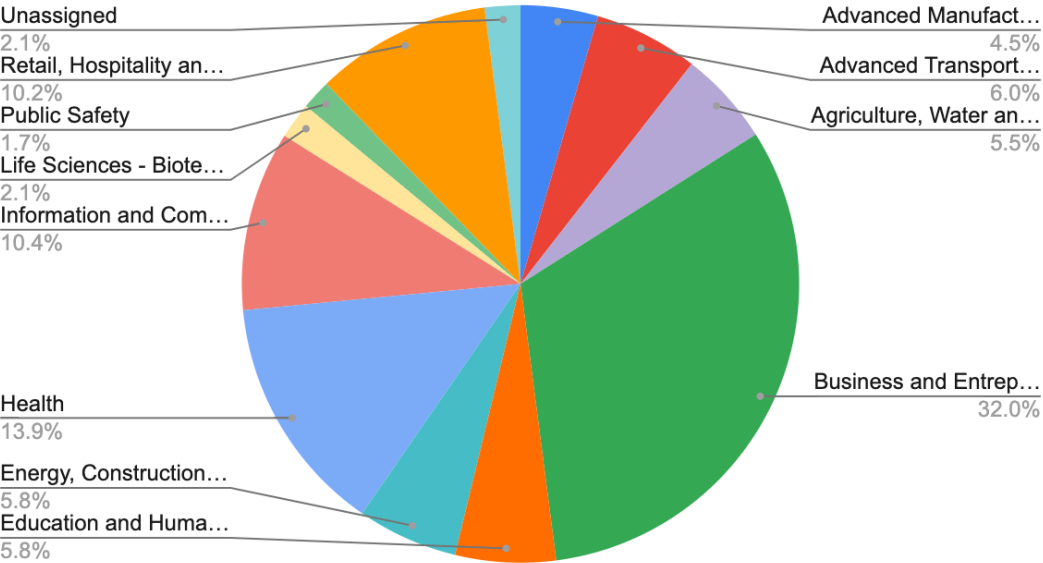
2019 K12 CTE Completers Supported by Round 1 K12 SWP



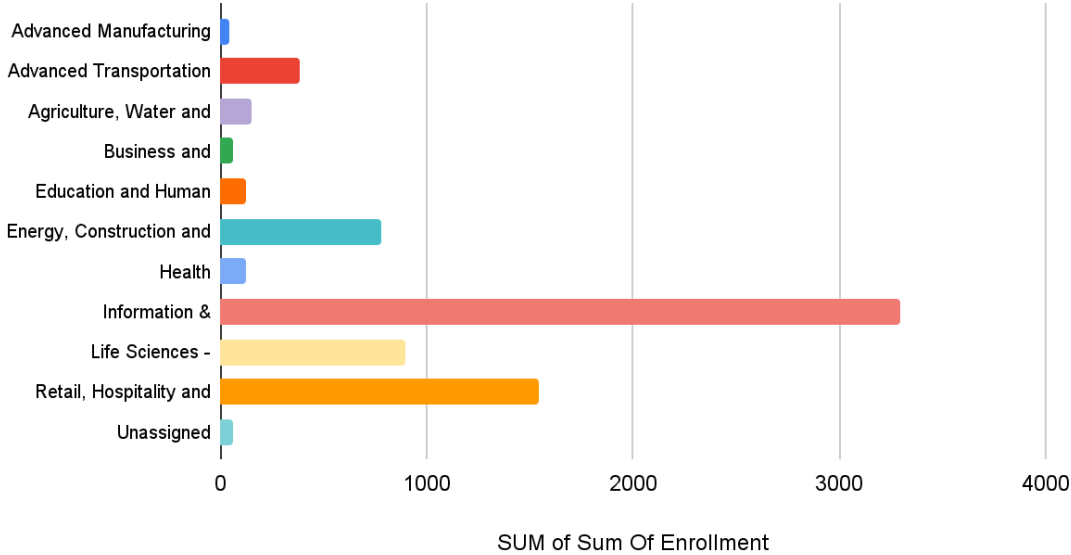
San Mateo Community College Completers in 2019-20



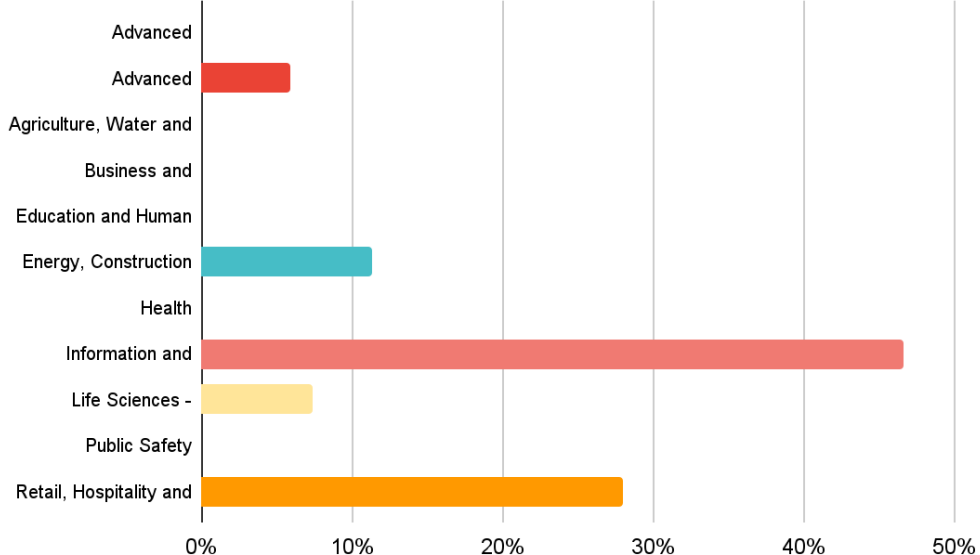
Average Annual Job Openings 2020-25



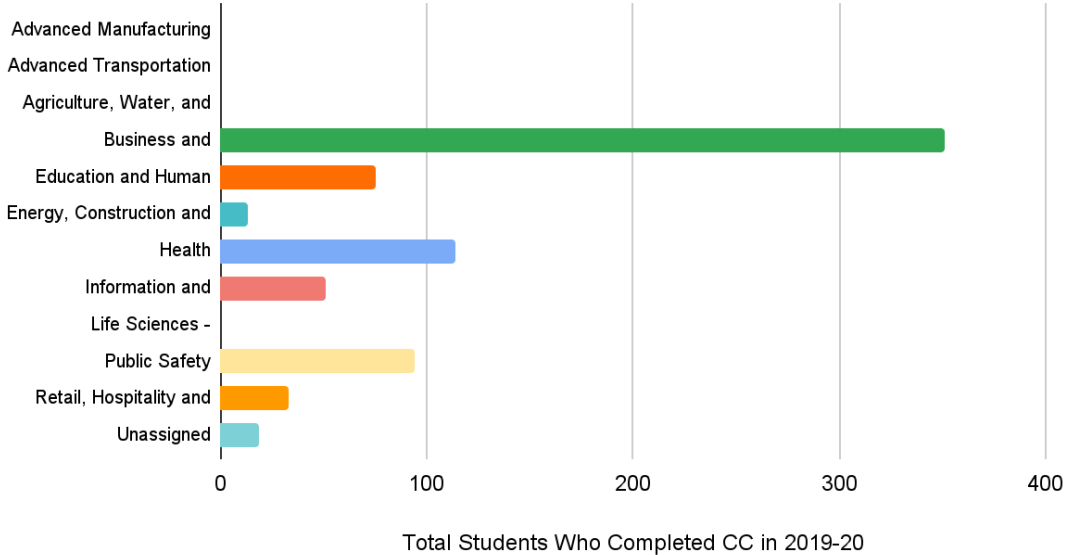
K12 CTE Enrollment 2018-19



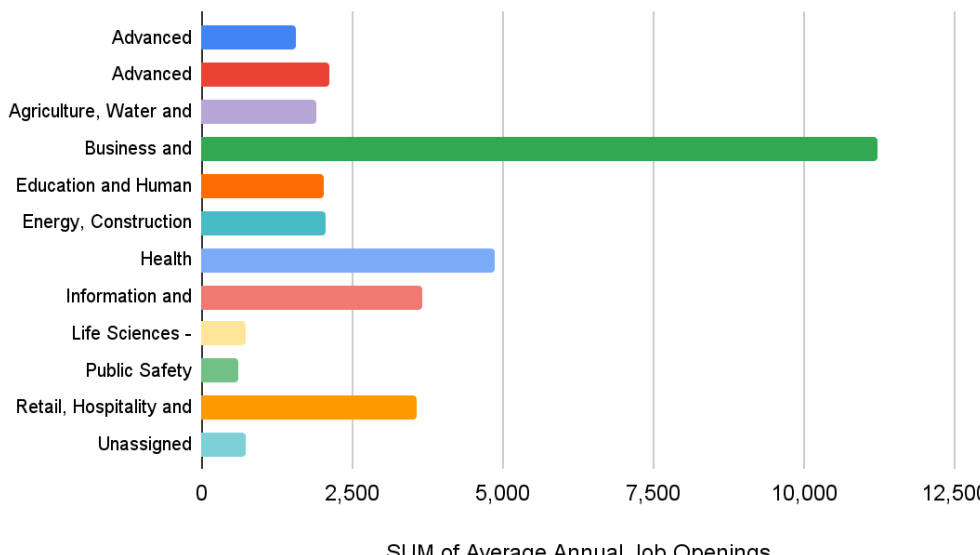
2019 K12 CTE Completers Supported by Round 1 K12 SWP



San Mateo Community College Completers in 2019-20



Average Annual Job Openings 2020-25



Q & A

Stay Connected!

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Ravinder Singh - rsingh@wested.org

Brenda Hernandez - bhernan2@wested.org



California Community Colleges

Thank you!

www.cccco.edu



Appendix

Student Stories

K12 SWP Funding



Burbank High School: Building Strong Connections with Employers

One of the strong connections Burbank High School Animation has with industry is our partnership with Nickelodeon, which has been supported with the K12 Strong Workforce Grant. Most recently, the first group of mentees from our Nickelodeon Animated Shorts mentorship graduated from college and moved into jobs at Disney Animation and Nickelodeon.

This group carried forward their strong artistic skills, their community network to support each other, and their drive to pursue internships and jobs in the local Animation industry.

Burbank HS: Building Strong Connections with Employers

- Ruslana Yakovenko immigrated from Ukraine with 4 years in the BHS Animation program
- Involved in a wide variety of artistic efforts :
 - Animation Ambassador
 - Nickelodeon Animated Shorts Mentorship
 - Completed articulated classes and dual enrollment courses with Glendale Community College
 - Marketing art and community art project at the high school
- Awards for her animated short and Hanna-Barbera Honorship, an internship at Warner Brothers for four summers of her college experience



Photo of Ruslana Yakovenko courtesy of Jonelle Pickett

“Her success demonstrates the impact of our educational community and industry partners efforts towards giving our Animation students strong experiences and connections that allow them to move into their dream pathways.” Jonelle Pickett, Animation Instructor at Burbank High School

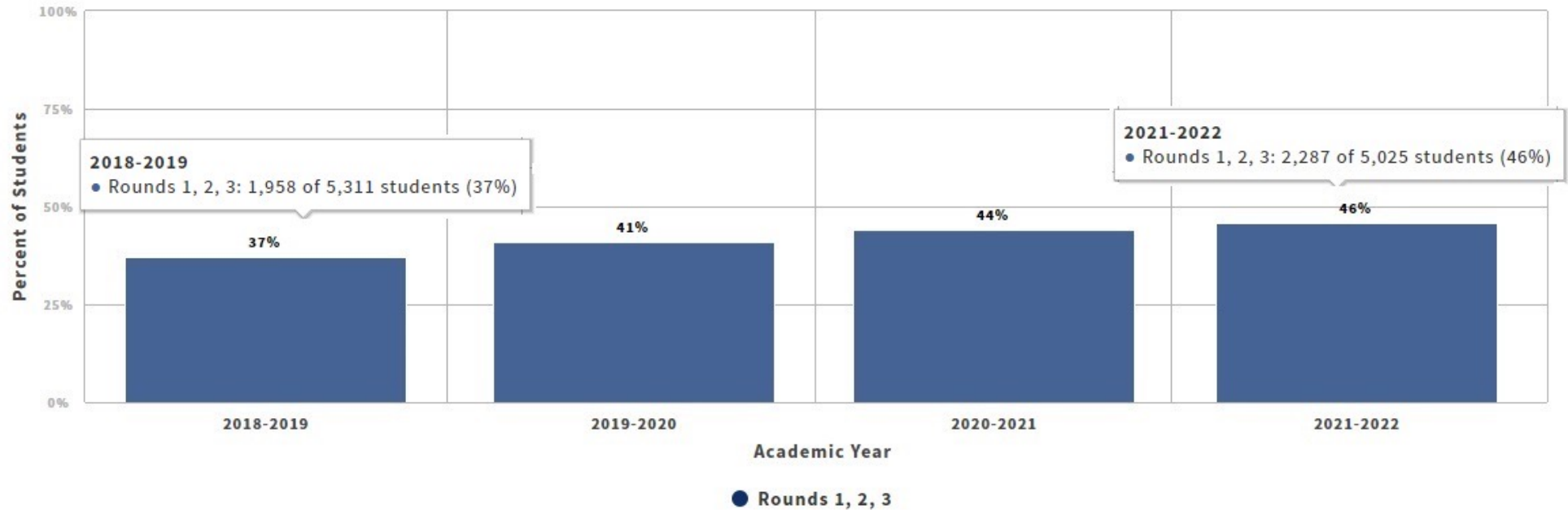
Burbank High School & The LaunchBoard

From 2018-19 to 2020-21:

- Percentage of K12 SWP students who completed at least one CTE course up 9% from 37% to 46%
- Number of CTE Participants up by 329 students or $329/1,958=17\%$

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



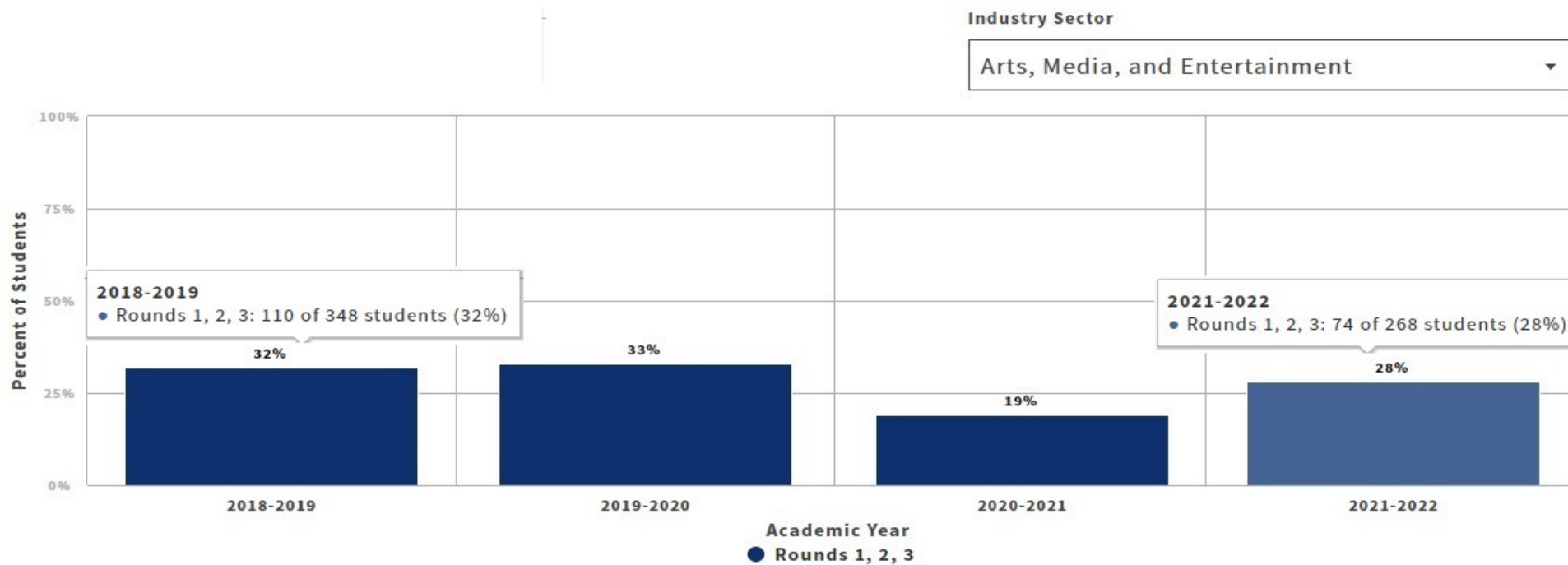
Burbank High School & The LaunchBoard

From 2018-19 to 2020-21:

- Percentage of K12 CTE Completers in Arts, Media, and Entertainment down by 4% from 32% to 28%
- Number of K12 CTE Completers down in the Arts, Media, and Entertainment sector by 36 students or $36/110=33\%$

K12 CTE Completers by Industry Sector

Among students who completed 300 career education hours in an industry pathway and successfully completed the capstone course with a C- or better, the percentage of students who completed in each industry sector.



Burbank High School & The LaunchBoard

OR export to csv to filter or to pivot...just remember to save as an xls or Excel file

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	localeN	roundI	metricI	title	descrip	year	source	sectorI	sectorLabel	disagg	subgroI	value	denom	perc
327	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	10	Health Science and Medical Te	Overall	Overall	86	268	0.320896
328	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	3	Arts, Media, and Entertainme	Overall	Overall	74	268	0.276119
333	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	7	Engineering and Architecture	Overall	Overall	48	268	0.179105
690	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	9	Business and Finance	Overall	Overall	24	268	0.089552
695	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	4	Building and Construction Tra	Overall	Overall	21	268	0.078358
703	Burbank U	1	KS 117	K12 CTE Completers by Industry Sector	Among stu	2021	CALPADS	11	Hospitality, Tourism, and Recr	Overall	Overall	15	268	0.05597

Filter for one round only or will get duplicates if funded in more than one round

Filter for metric that you want to consider

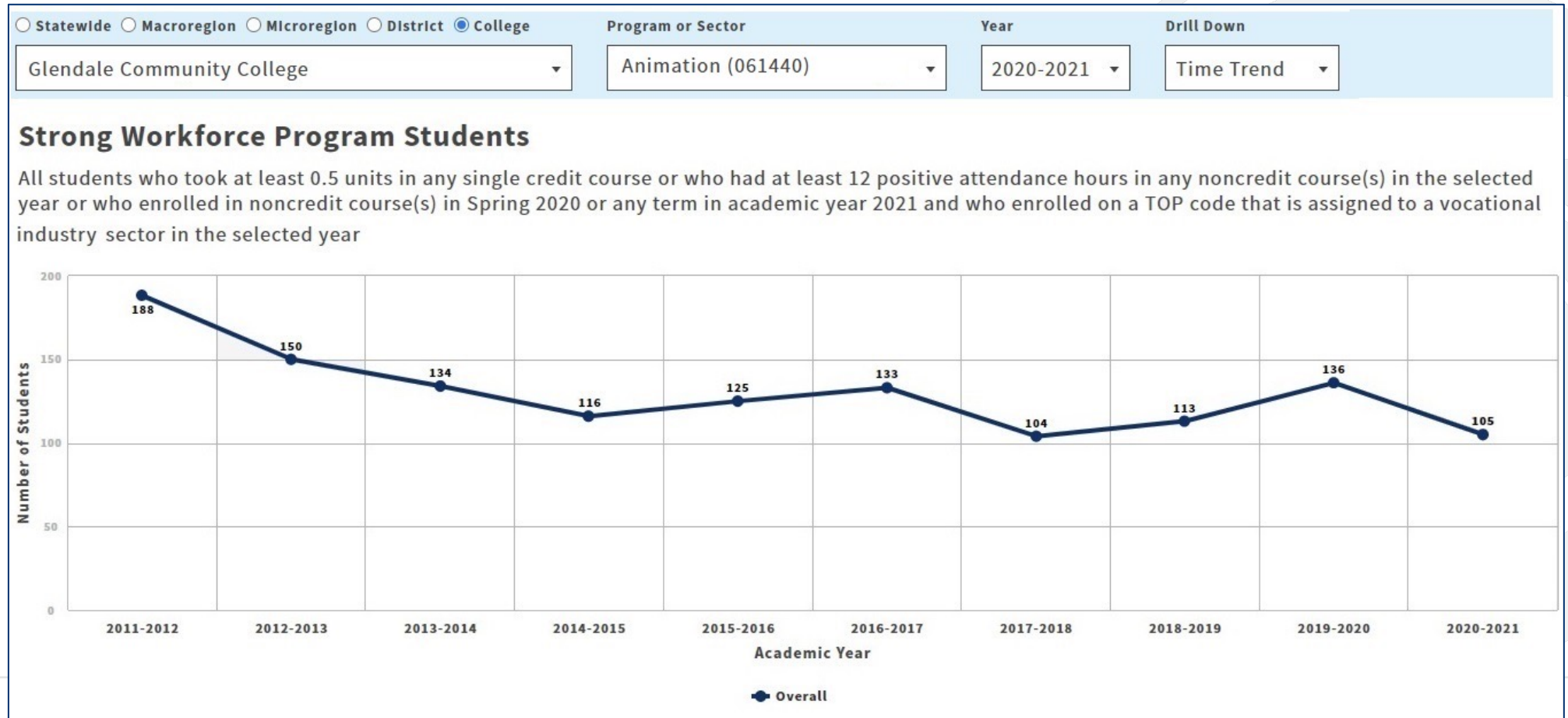
Filter for latest year to see sectors with highest numbers of K12 SWP Completers

Sectors ranked R1 Awardees by No. of K12 CTE Completers

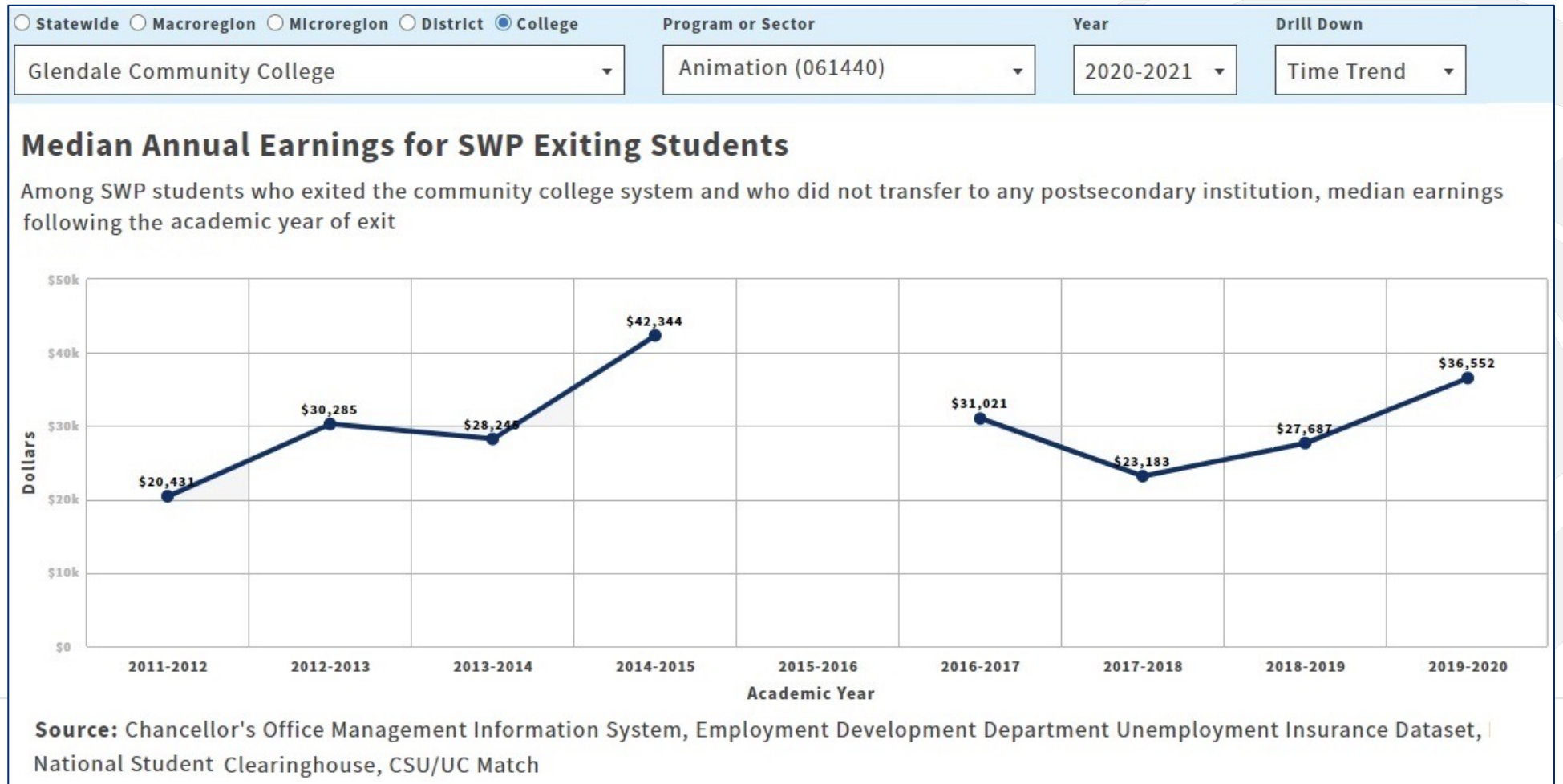
Filter for Overall

Sort by largest value OR could sort by percent

Follow the Animation Pathway to Glendale Community College on the SWP Dashboard



Follow the Animation Pathway to Glendale Community College on the SWP Dashboard





Data Submissions

- What data is included
- Step—by-step guidance
- File Names
- Video Instructions

What data years of data should be included?

- Round 1 awardees, need all necessary CALPADS files for **four years**, 2018-19 through 2021-22, to Cal-PASS Plus
- Round 2 awardees, need all necessary CALPADS files for **two years**, 2020-21 through 2021-22, to Cal-PASS Plus
- If you don't see your data on the dashboard, but you believe that it has been uploaded:
 1. EITHER the files were submitted after 01/18/23 in which case the data would not be included in this release of the dashboard
 2. OR the files were not successfully received
 - Even though you may have received an email from Cal-Pass Plus Help Desk

Who can you contact?

If you don't see your data on the dashboard for all years, and you believe that you have uploaded your data:

1. Please contact help@calpassplus.org
2. Book an appointment for assistance [here](#) with Cal-Pass Plus Outreach team
3. Please contact your regional K14 Pathway Coordinator or Technical Assistance Provider

CALPADS Data Submission for K12 SWP: Process



Submitting CALPADS Data to Cal-PASS Plus

STEP 1:

Login to <https://www.calpassplus.org/User/Login>

- To create a new login, fill out the New Login Request Form on the right-hand side of this page: <https://www.calpassplus.org/Join>.
- If you have forgotten your password, click “Forgotten Password” under the blue “Log On” button.

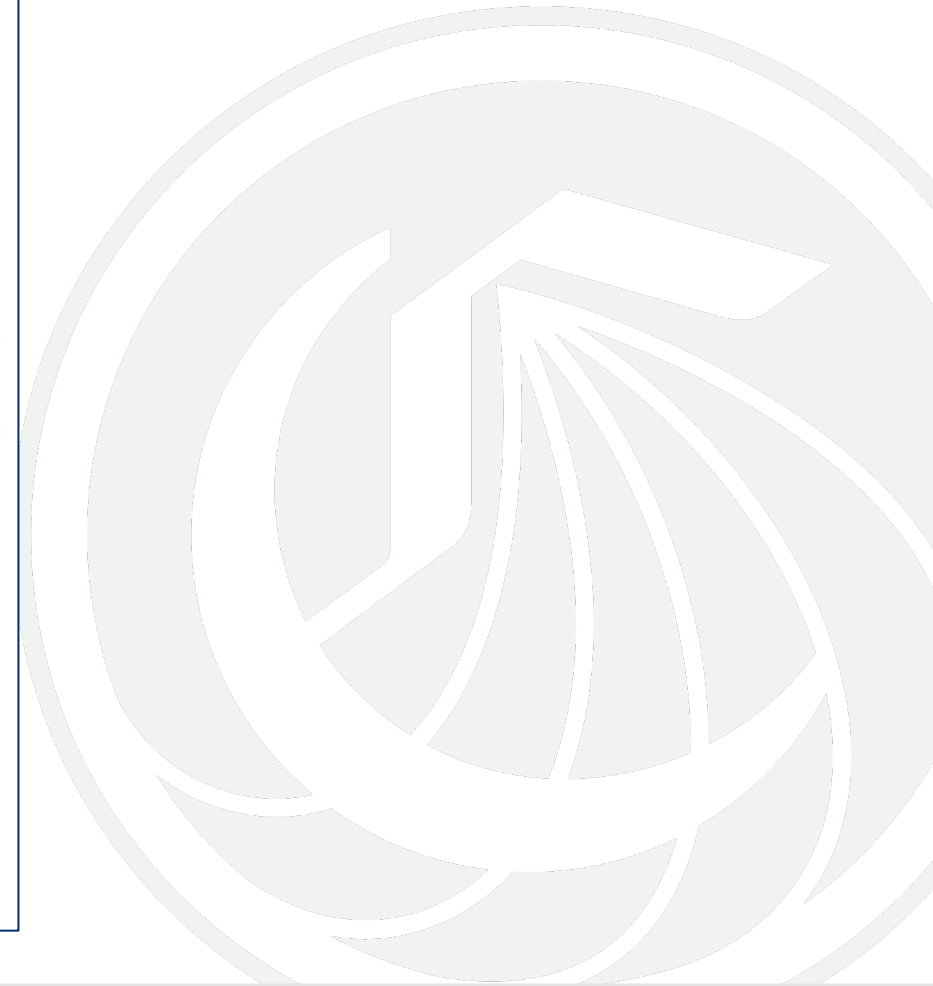
STEP 2:

From the Cal-PASS Plus home screen, click on “Upload Data” button in the blue bar at the top of the screen. You will be taken to the File Submission page where you can upload your institution’s data files.

STEP 3:

Follow the instructions the

<https://www.calpassplus.org/CalPASS/ClientServices/Submission/FileDrop.aspx>
to upload your files.



CALPADS Data Submission for K12 SWP: Files



Required CALPADS Files for K12 SWP:

- CRSC – Course Completion
- SCSC – Student Course Completion
- SCTE – Student Career Technical Education
- SELA – Student English Language Acquisition
- SENR – Student Enrollment
- SINF – Student Information
- SPRG – Student Programs

CALPADS Data Submission: Video and Helpdesk Email

[Link to upload video by Cal-PASS Plus in Fall 2022](#) in the LaunchBoard Resource Library

Questions?

If you have any questions about the data submission process, please contact the Helpdesk at help@calpassplus.org or view the FAQs on the File Submission Page.



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EDUCATIONAL
RESULTS
PARTNERSHIP



SAN JOAQUIN
DELTA
COLLEGE

Cal-PASS Plus | 428 J Street, Suite 320 Sacramento, CA 95814 | Phone: (916) 498-8980

[Link to book an appointment for help with CALPADS files submission](#)



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