

Understanding the LaunchBoard



CALIFORNIA COMMUNITY COLLEGES
Doing What MATTERS™
FOR JOBS AND THE ECONOMY



Objectives

- Explain the origin and purpose of the LaunchBoard
- Demonstrate how the LaunchBoard and other resources can be used to answer common questions
- Provide an opportunity to practice using the LaunchBoard and other resources



Warm Up: CTE Data In Context

- What types of data are you currently using to evaluate CTE outcomes?
- Do you have access to the information you need?
- Do you have any challenges with understanding and using CTE data?



Digging In:

LAUNCHBOARD



The LaunchBoard Program Snapshot Tab

- Access student outcomes, employment and earnings data, and labor market information by program, sector, college, and region
- View visual reports that answer questions like “where are students taking courses” and “how much money are students making”
- Drill down into detailed data tables on student characteristics, milestones, and success



The LaunchBoard Program Snapshot Tab

- **Student characteristics, progress, and completion** from the CCCCO database (populated by colleges)
- **Employment and earnings data** from Employment Development Department
- **Employment outcomes** from the CTE Outcomes Survey
- **Labor market information** from EMSI



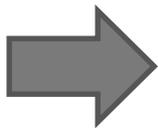
LaunchBoard

Data-Backed Decisions

The CTE LaunchBoard, a statewide data system supported by the California Community Colleges Chancellor's Office and hosted by Cal-PASS Plus, provides data to California community colleges and their feeder K-12 school districts on the effectiveness of CTE programs. This information is intended to facilitate local, regional and statewide conversations about how to improve student transitions from K-12 to college and on to the workforce. Click on [this link](#) to view video tutorials on specific tools within the LaunchBoard.

LaunchBoard Features

The LaunchBoard includes several tools to support collecting and viewing information on student outcomes in CTE.



<h4>Program Snapshot</h4> <p>The Program Snapshot section includes program information and student outcomes that are grouped into categories such as enrollments, milestones, credentials, employment, and alignment with regional labor market demand.</p>	<h4>Strong Workforce Program Metrics</h4> <p>Program-level information on the metrics associated with the Strong Workforce Program, including comparison data based on historical trends, regional and state medians, the highest state outcomes, and college goals.</p>	<h4>CTE Outcomes Survey Tool</h4> <p>The CTEOS Reporting Tool is intended to make Career and Technical Education Outcomes Survey (CTEOS) responses more broadly available to faculty and administrators.</p>
<h4>CCPT Tab</h4> <p>The California Career Pathways Trust</p>	<h4>Common Metrics</h4> <p>The Common Metrics section enables</p>	<h4>LaunchBoard Resources</h4>



Login

Log-In

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Please request a new account to be created by filling in a simple contact form. Click on the button to submit.

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Last Name:
Email:
Phone:
Organization:
Job Title:
Special Request:

Request Login



Determine What You Want To See

Program Snapshot

Select Your View

What level of information do you want?

Please select one



- Reports summarizing program outcomes
- Detailed data tables with historical, regional, and state comparison data

+What do I need to know about the Program Snapshot data?



In the Reports, Find Answers to Your Questions

Program Snapshot Reports

Which programs would you like to view?

College or Region:

REGION - Central Valley - North



Program or Sector:

SECTOR - Agriculture, Water & Environn



Which academic year should be included in the report?

2014-2015



View

[+Find out more about the data in the LaunchBoard](#)



In the Reports, Find Answers to Your Questions

Program Snapshot Reports

REGION - Central Valley - North || SECTOR - Advanced Manufacturing and Advanced Technology || 2014-2015 [\(Change Filter?\)](#)

- Where are students taking courses?**
- What kinds of students are taking courses?**
- Are students progressing in the pathway?**
- How many students are succeeding?**
- Are there equity gaps in student success?**
- What are the projected job openings?**
- Are students getting jobs?**
- How much money are students making?**
- Are students making reasonable wages?**
- Which colleges have the most effective programs?**



Get a Deeper Level of Information

— What kinds of students are taking courses?

Gender Ethnicity Age Full Time Status Previous Awards

Gender	Percentage
Male	89%
Female	9%
Unknown	2%

Cal-PASS Plus

Find out more:

[Dig Deeper into additional student populations, such as foster youth and disabled students](#)

[+ What do I need to know about these figures?](#)





Get a Deeper Level of Information

- Program Size
- Student Characteristics
- Milestones
- Success
- Employment
- Regional Labor Market Information

+ Course-Taking

- Gender

Among students who took one or more courses

	Selected Year	
Female <i>i</i>	9%	Trend
	Selected Year	
Male <i>i</i>	89%	Trend
	Selected Year	
Unknown <i>i</i>	2%	Trend

+ Race/Ethnicity

+ Age Group

+ Special Needs

+ Full-Time Status

+ New Students

+ Previous Enrollments

In order to protect the identity of individual students, asterisks are displayed when fewer than ten students are in the data set.



Tools You Can Use:

UNDERSTANDING YOUR STUDENTS AND THEIR PROGRESS



Students: Common Questions

Are there other programs nearby?

See the size of programs at nearby colleges and how many students they attract

What kinds of students do I have?

View information on standard demographic categories, plus full-time status and whether students have already earned a certificate or degree

Are my students making progress?

Review fall-to-spring retention plus continuous enrollment for three terms within your program (both at your college and within your region, for swirling students)

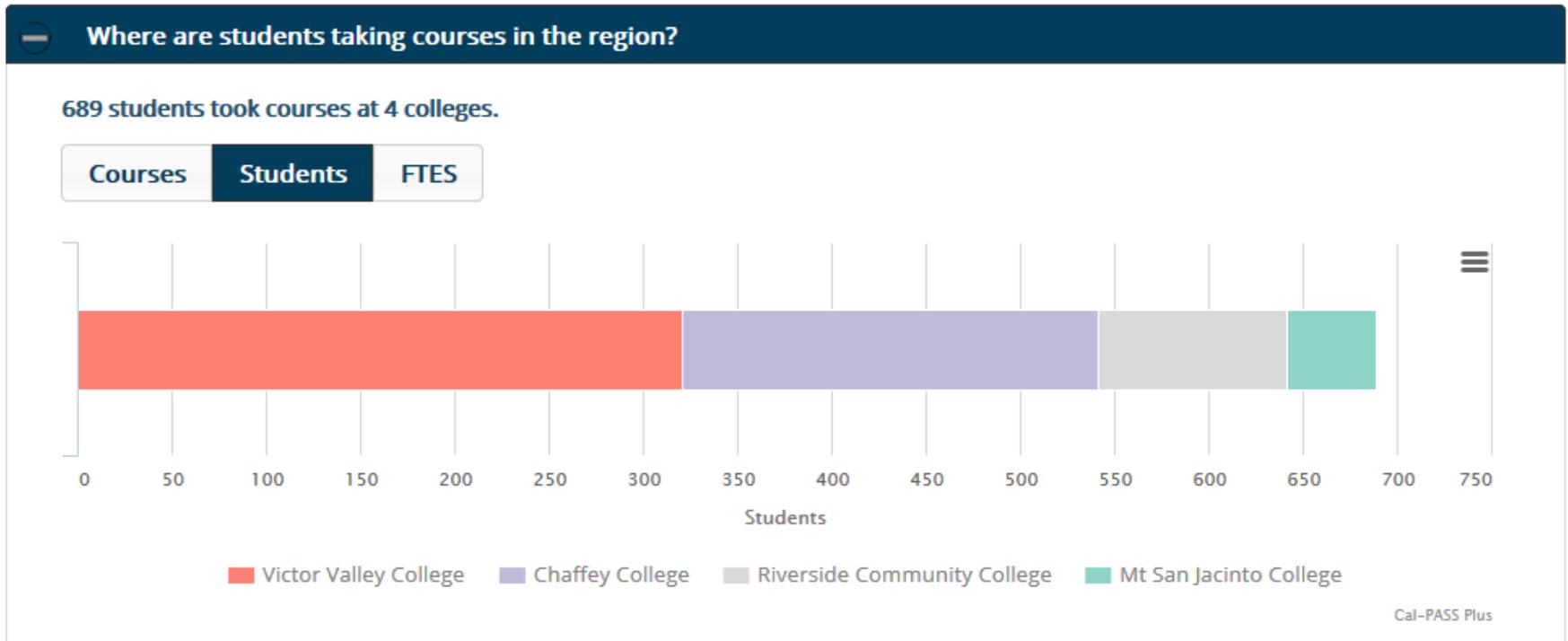
Are there equity gaps?

See the difference in proportions of students who enrolled versus the proportion who earned a certificate or degree, transferred, and got an earnings increase after taking only a few classes



See Where Students Are Enrolling

Victor Valley College || Nursing (123000) || 2011-2012 [\(Change Filter?\)](#)





Find Out More About Your Students

Victor Valley College || Nursing (123000) || 2011-2012 [\(Change Filter?\)](#)

+ Where are students taking courses in the region?

- What kinds of students are taking courses?

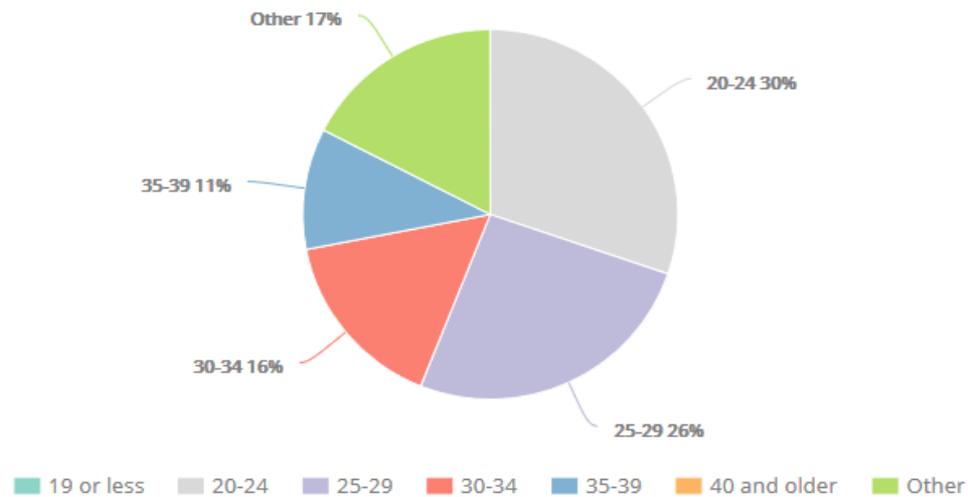
Gender

Ethnicity

Age

Full-Time Status

Previous Awards

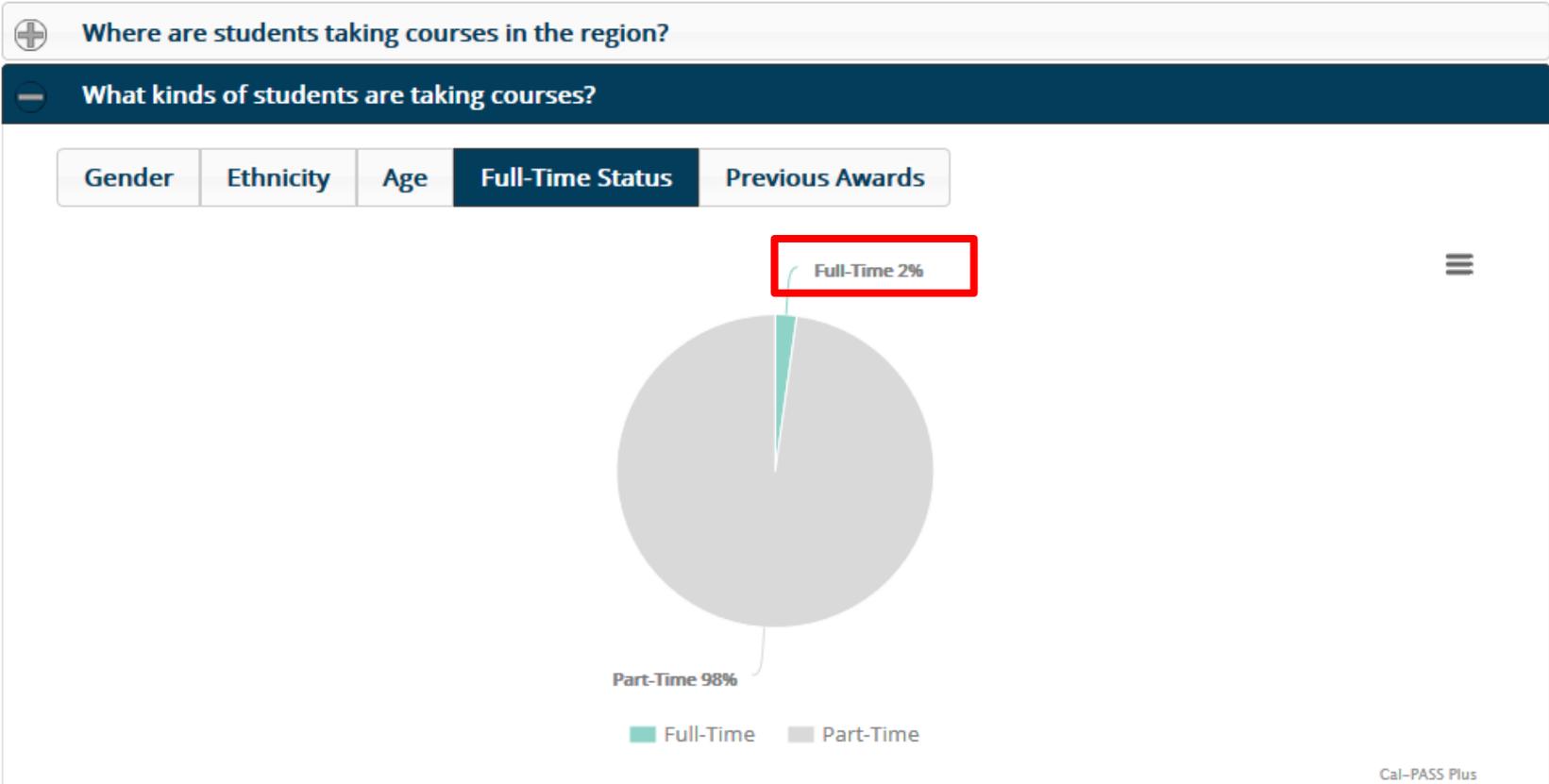


Cal-PASS Plus



Find Out More About Your Students

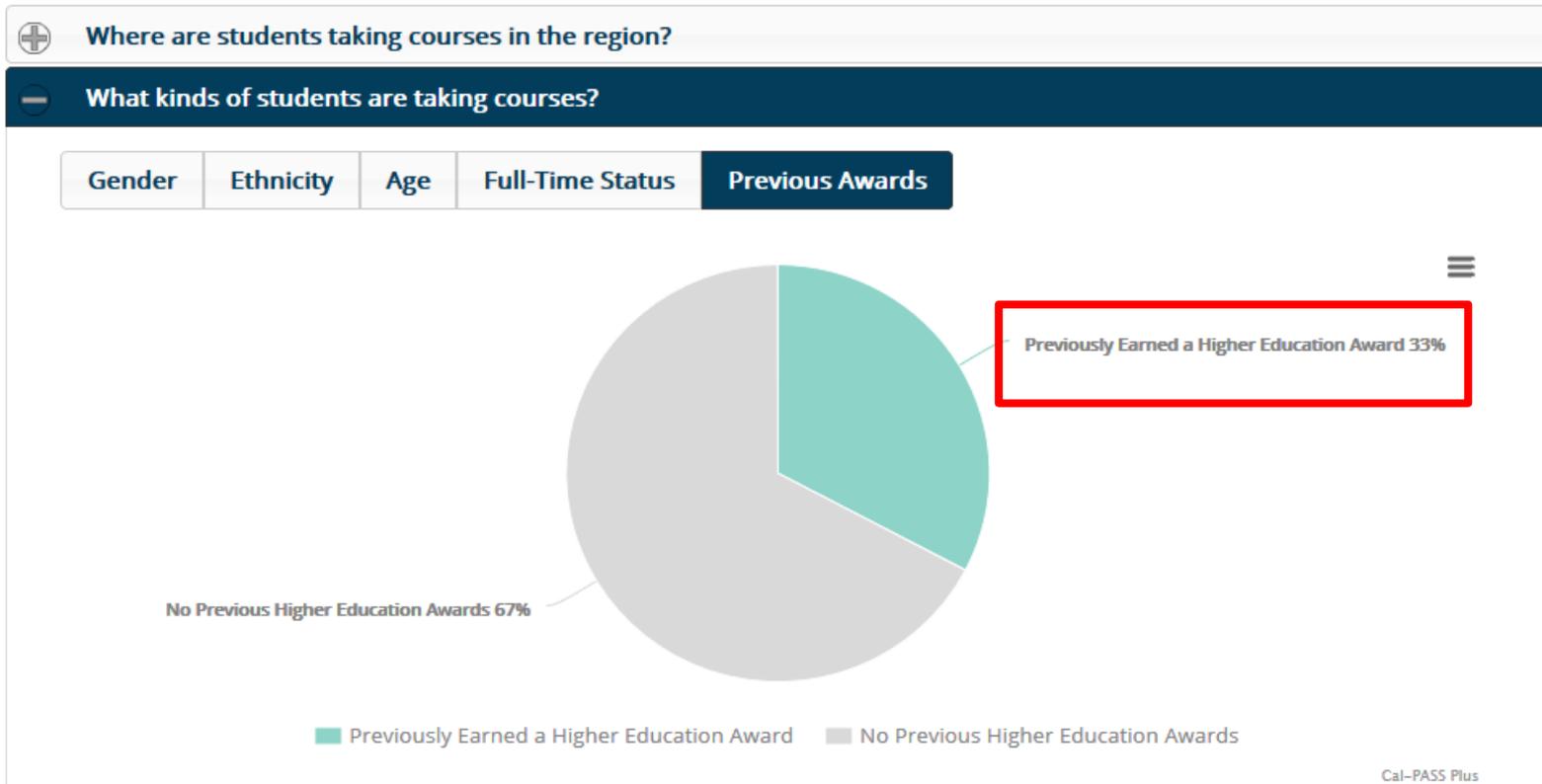
Victor Valley College || Nursing (123000) || 2011-2012 [\(Change Filter?\)](#)





Find Out More About Your Students

Victor Valley College || Nursing (123000) || 2011-2012 [\(Change Filter?\)](#)





Do Students Stay in Your Program?

Victor Valley College || Automotive Technology (094800) || 2011-2012 [\(Change Filter?\)](#)

Where are students taking courses in the region?

What kinds of students are taking courses?

Are students progressing in the pathway?

Term-to-Term Retention

Persistence

Term-to-Term Retention within College	Term-to-Term Retention within Region
49%	49%



Do They Make Progress Toward Awards?

Victor Valley College || Automotive Technology (094800) || 2011-2012 [\(Change Filter?\)](#)

Where are students taking courses in the region?

What kinds of students are taking courses?

Are students progressing in the pathway?

Term-to-Term Retention

Persistence

Persistence within College

18%

Persistence within Region

18%



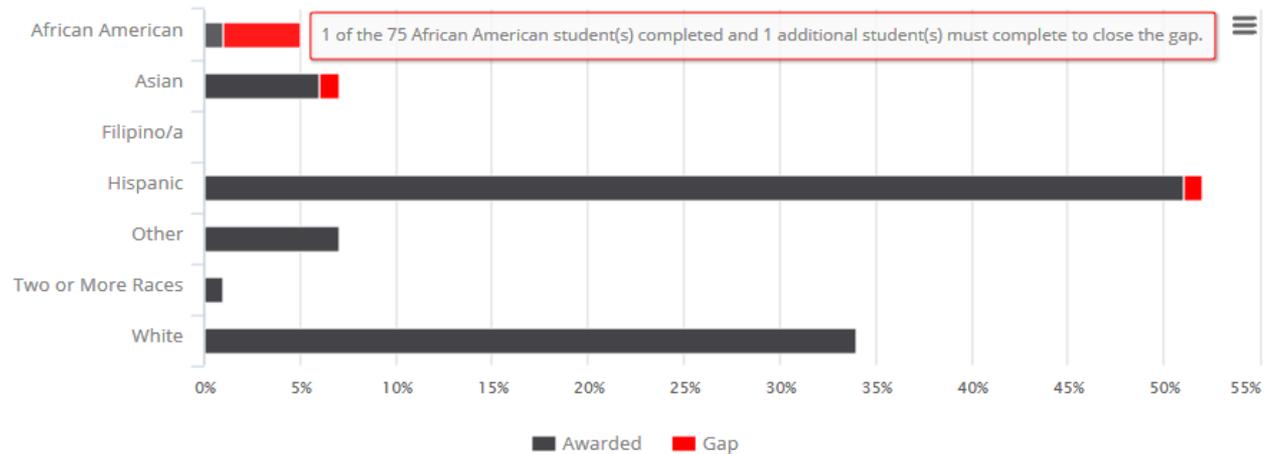
Are There Equity Gaps?

Cerritos College || SECTOR - Advanced Manufacturing and Advanced Technology || 2012-2013 [\(Change Filter?\)](#)

- + Where are students taking courses in the region?
- + What kinds of students are taking courses?
- + Are students progressing in the pathway?
- + How many students are succeeding in the region?
- **Are there equity gaps in completion?**

Gender **Ethnicity** Age

There were equity gaps for African American, Asian, Hispanic, and Two or More Races students, when comparing enrollment and completion rates.



Cal-PASS Plus



Live Demo

See the results for two programs, based on suggestions from the audience



Small Group Work

- Break into small groups (ideally with the team from your college)
- Open a browser window to:
www.calpassplus.org/Launchboard/Snapshot.aspx
- Use the worksheet to complete the exercise
- There will be a chance to share observations at the end of the break-out



Tools You Can Use:

EMPLOYMENT & EARNINGS



Employment & Earnings: Common Questions

Did my students get jobs?

Post-college employment for both completers and skills-builders

How much money are students making?

See pre- and post-college earnings trajectories for both completers and skills-builders

Are my students making reasonable wages?

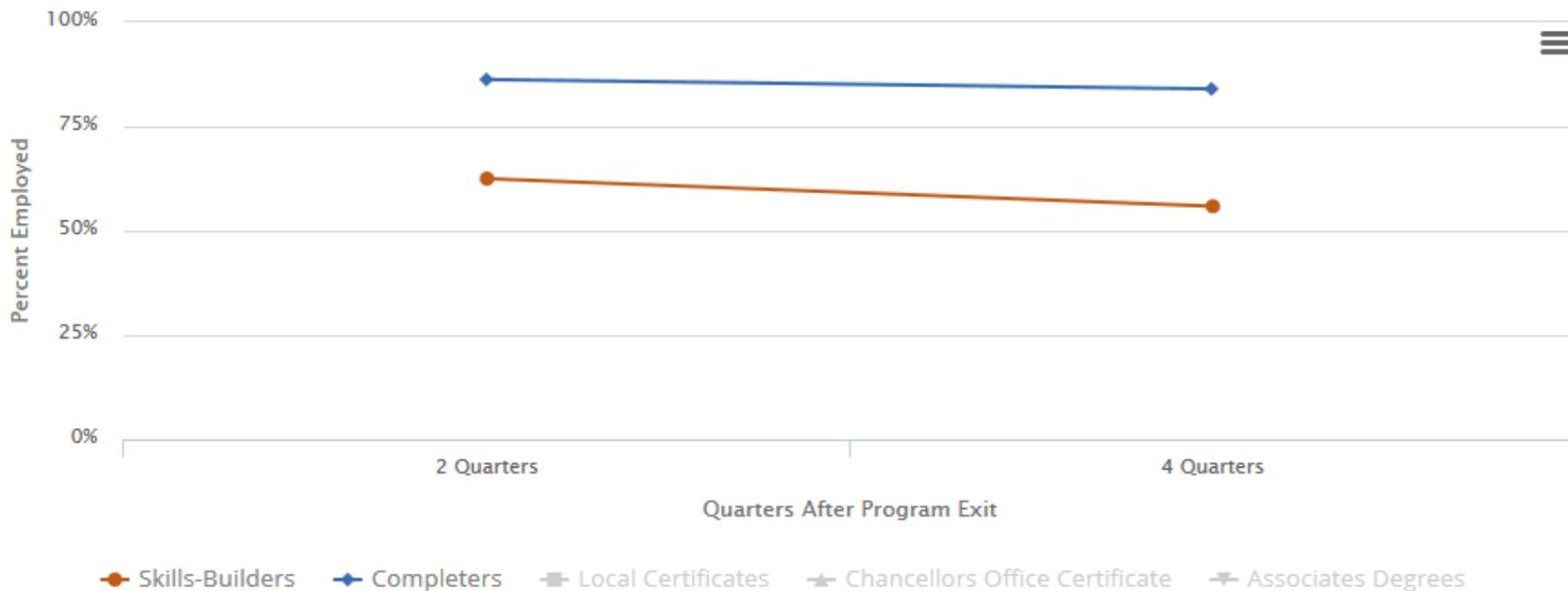
Compare earnings to expected wages and to the regional living wage



Employment Trends: Electrical

Are students getting jobs?

After a year, 84% of completers and 56% of skills-builder students were employed.



Cal-PASS Plus



Employment Trends: Early Childhood Education

Are students getting jobs?

After a year, 49% of completers and 51% of skills-builder students were employed.

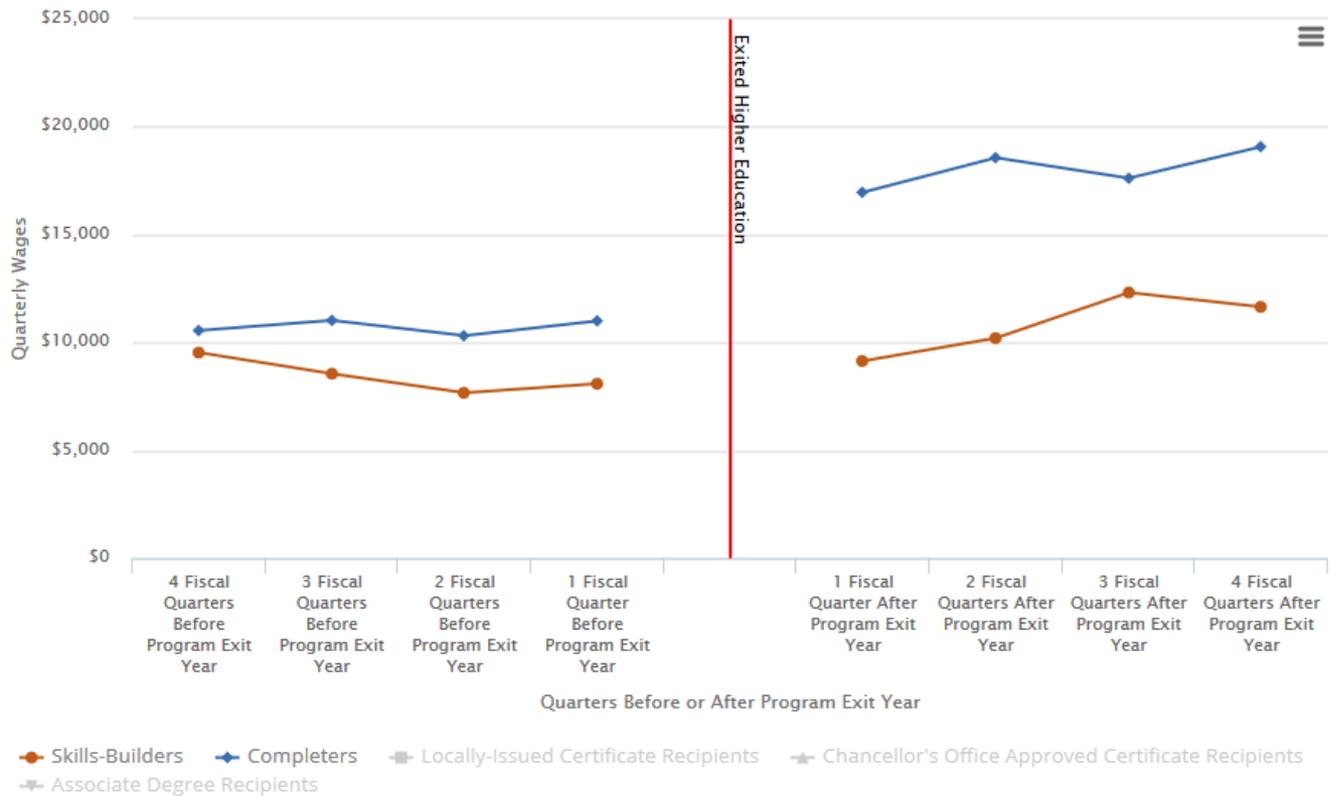


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Earnings Trends: Electrical

How much money are students making?

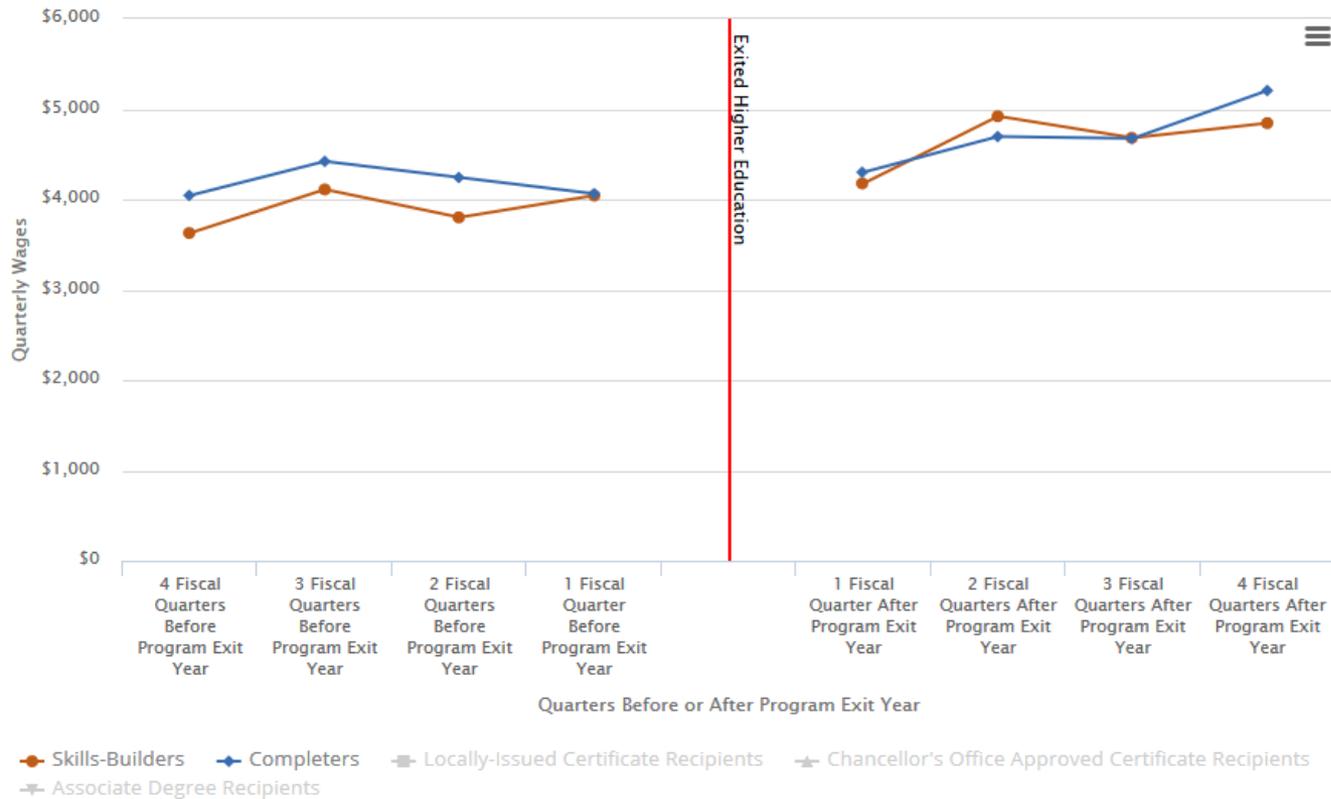


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Earnings Trends: Early Childhood Education

How much money are students making?



Cal-PASS Plus

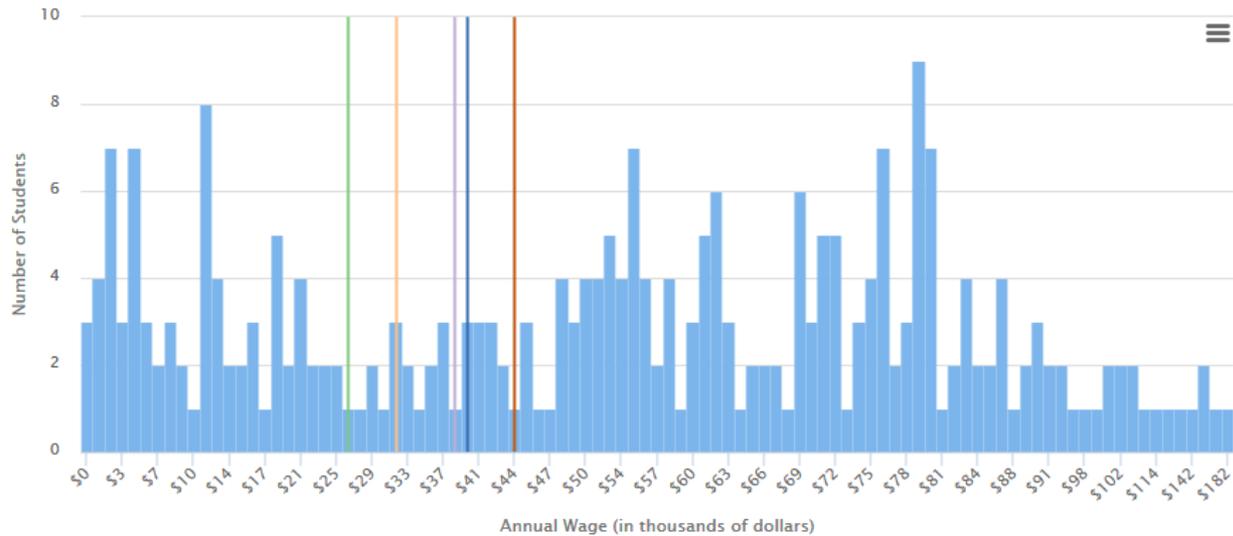


Expected Earnings: Electrical

Are students making reasonable wages?

Student Earnings Compared to Starting Wages for Related Occupations

76% of students had earned at least the starting salary for a related occupation.



Cal-PASS Plus

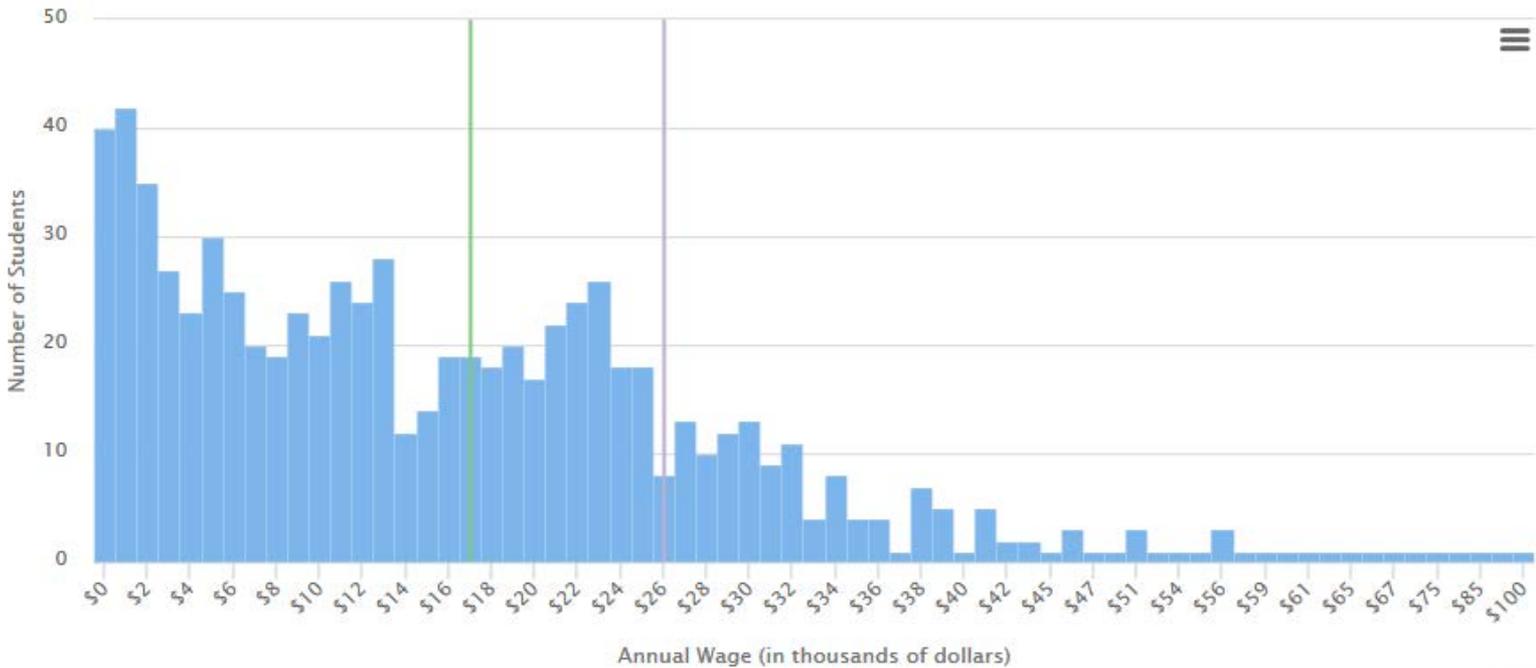
Job Title	Starting Salary
First-Line Supervisors of Construction Trades and Extraction Workers	\$43,035
Electrical and Electronics Engineering Technicians	\$38,459
Electricians	\$37,898
Plumbers, Pipefitters, and Steamfitters	\$31,429
Carpenters	\$25,813



Expected Earnings: Early Childhood Education

Student Earnings Compared to Starting Wages for Related Occupations

43% of students had earned at least the starting salary for a related occupation.



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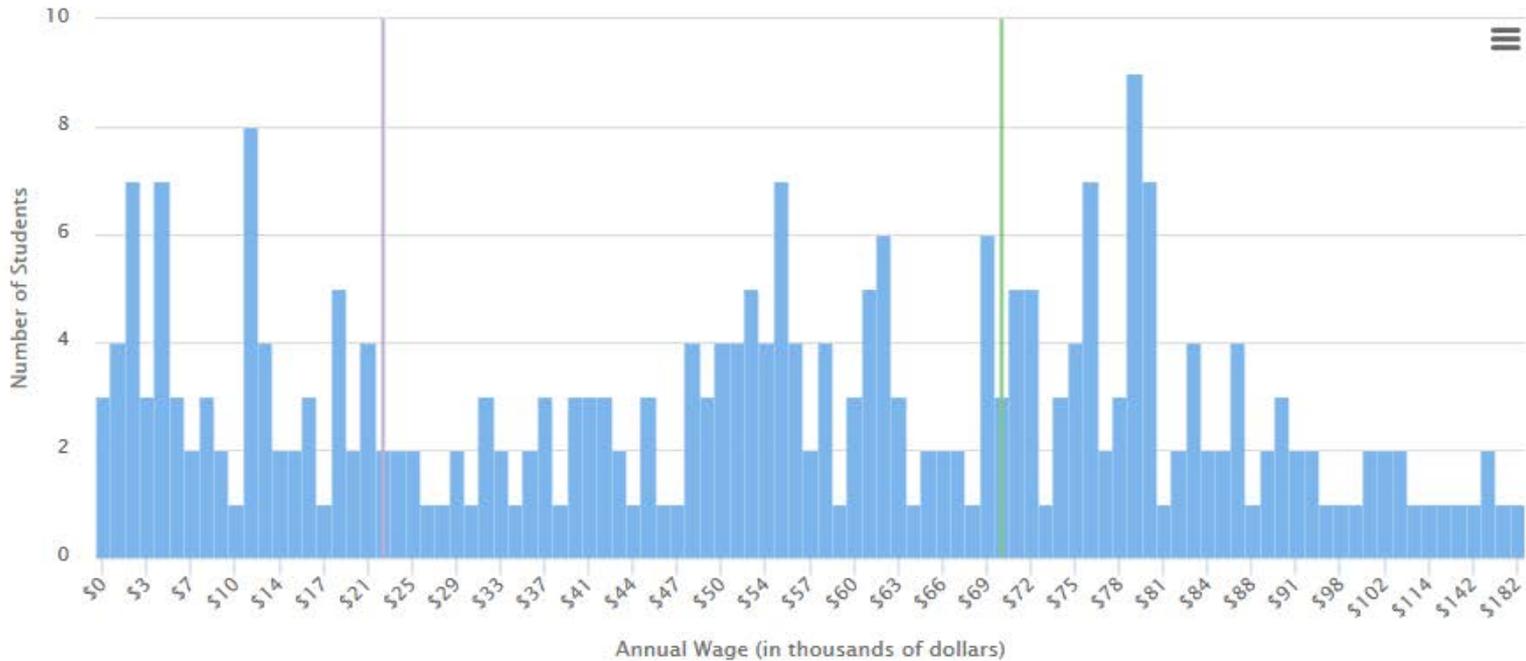
Job Title		Starting Salary
	Preschool Teachers, Except Special Education	\$25,002
	Childcare Workers	\$16,765



Living Wages: Electrical

Student Earnings Compared to the Regional Living Wage

75% of students were making a living wage.



Cal-PASS Plus

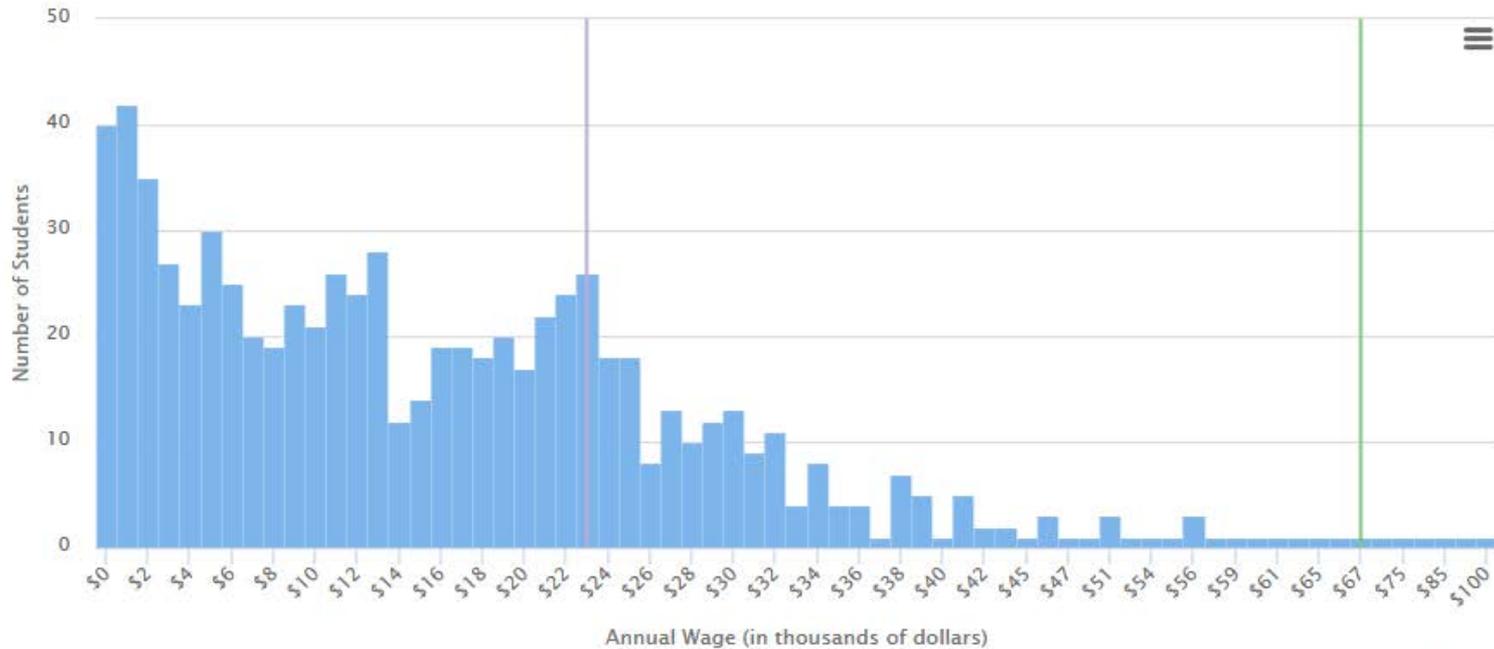
		Living Wage
	Regional Living Wage - Single Adult	\$23,643
	Regional Living Wage - Family	\$70,319



Living Wages: Early Childhood Education

Student Earnings Compared to the Regional Living Wage

24% of students were making a living wage.



Cal-PASS Plus

		Living Wage
	Regional Living Wage - Single Adult	\$23,643
	Regional Living Wage - Family	\$70,319



Where are all my completers?

- **People versus paper:** There may be fewer people than awards
- **Excluded completers:** Transfer students aren't included
- **Unreported earning categories:** self-employed, cash economy, out-of-state, government, military
- **Variable employment:** earnings graphs suppressed if fewer than 10 can be found in all eight quarters
- **Miscoding or multi-coding:** assigning a different TOP code to the award than the coursework



Live Demo

See the results for two programs, based on suggestions from the audience



Small Group Work

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LaunchBoard CTE Outcomes Survey tab

Career & Technical Education Outcomes Survey

Data Tables

Which programs would you like to view?

College or Region: Academic Year: Cohort: Programs:

- Cohort
- Responses
- Education
- Employment Status
- Employment Changes

Impact of coursework on employment i		
Current employment status i		
	College	Statewide
Self-employed	9 %	9 %
Employed at one job	61 %	59 %
Employed at more than one job	14 %	11 %
Working, but not for pay (caregiving, volunteering, etc.) and not seeking paid employment	1 %	1 %
Working, but not for pay, seeking paid employment	1 %	1 %
Unemployed, seeking employment	7 %	9 %
Unemployed, not seeking employment	7 %	9 %
Relationship of current job to field of study i		
Job search outcomes i		
Length of job search i		



Resources: Understanding Employment & Earnings



Understanding Employment & Earnings Data

Colleges are increasingly being asked to review employment and earnings data on their former students to understand the impact of their programs, and with the development of statewide tools like the Salary Surfer and the LaunchBoard, more practitioners now have access to this information.



Understanding Employment and Earnings Data

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However, there is no definitive source of employment information that can answer the full range of questions that educators and policymakers have. Therefore, it's helpful to approach the review of employment information as a multiple measures effort, and to see employment data as a starting place in understanding longer-term outcomes. Employment data offers an important window on college goals like closing equity gaps and raising students' standard of living, but it requires further discussion with students, faculty, and employers to discern its meaning for program improvement.

Where do employment and earnings data come from?

There are two primary sources of employment and earnings data for California community colleges:

California's Unemployment Insurance (UI) Wage File

Each quarter, employers are required to report how much they paid each of their employees. The

WHERE CAN I VIEW EMPLOYMENT INFORMATION

There are five tools that support access to employment and earnings information on C





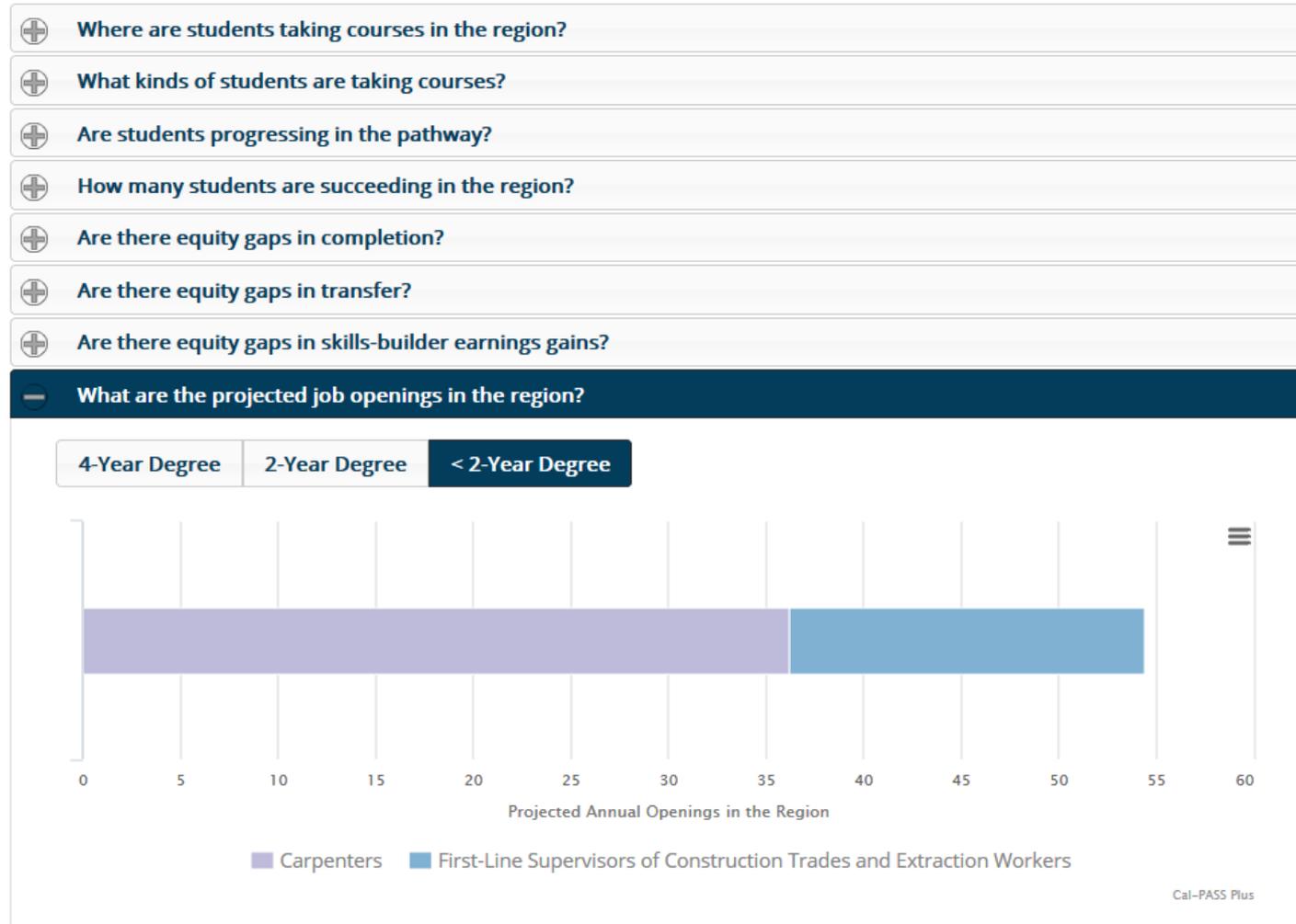
Tools You Can Use:

LABOR MARKET INFORMATION



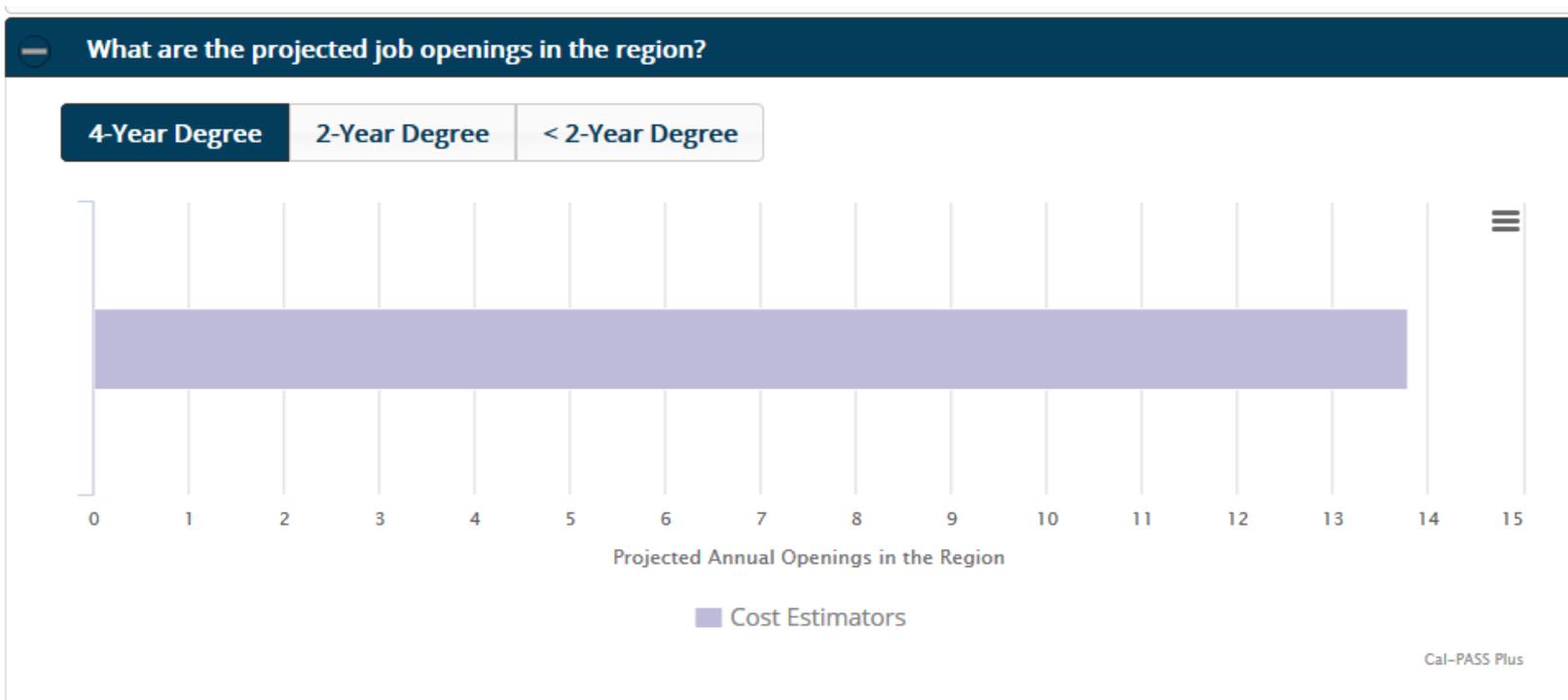
See Related Occupations

Butte College || Construction Crafts Technology (095200) || 2014-2015 [\(Change Filter?\)](#)





Find Transfer Pathways





Dig Deeper Into Occupation Information

Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information
Total People Employed in the Region ⓘ					
		Current Year (2014)	5 Years Ago (2009)	5 Year Change (2009-2014)	5 Year Trend
<input type="checkbox"/> 1. Requires a Bachelor's or Higher					
Cost Estimators (131051)		293	280	13	↑
<input type="checkbox"/> 5. On-The-Job Training, No College Required					
Carpenters (472031)		2,028	2,404	-376	↓
First-Line Supervisors of Construction Trades and Extraction Workers (471011)		712	910	-198	↓
Projected Regional Job Openings ⓘ					
		Projected 5 Year Openings (2014-2019)	Projected Average Annual Openings (2014-2019)		
<input type="checkbox"/> 1. Requires a Bachelor's or Higher					
Cost Estimators (131051)		69	14		
<input type="checkbox"/> 5. On-The-Job Training, No College Required					
Carpenters (472031)		181	36		
First-Line Supervisors of Construction Trades and Extraction Workers (471011)		91	18		
Median Regional Annual Salary ⓘ					
		Entry Level Salary	Median Salary		
<input type="checkbox"/> 1. Requires a Bachelor's or Higher					
Cost Estimators (131051)		\$31,200	\$52,499		



Access Labor Market Information Reports

<http://doingwhatmatters.cccco.edu/StrongWorkforce.aspx>



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FOR EMPLOYERS:
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PRACTICES WITH PROMISE
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\$200M Strong Workforce Program Rollout

GUIDANCE

Trailer Bill Language:

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CCCCO Guidance Memos

FAQs

Allocations

COMPILE YOUR OWN SLIDES

Presentation Archive

PLANNING

Master Calendar

Regional Meetings

Local Shares

- Reporting Template
- Overview: PDF | PPTX
- Process Flow Chart

Regional Shares

- Reporting Template - TBD
- Overview: PDF | PPTX
- Process Flow Chart

LABOR MARKET RESEARCH

Labor Market Information
Library

Demand & Supply Data
Tools

Ideas for Growing CTE FTES

CTE PROGRAM OUTCOMES

Find CTE Outcomes
Strong Workforce Program
Metrics

DIRECTORIES

Find My Regional Partners

CTE Regional Consortia

Sector Navigators / Deputy
Sector Navigators

Labor Market Research
Centers of Excellence

CTE Data Unlocked Experts

Technical Assistance
Providers



Search Reports by Occupation, Region, Keyword

<http://doingwhatmatters.cccco.edu/StrongWorkforce/LMILibrary.aspx>

Labor Market Information Library

What sector or program area is your focus?
 [Find LMI Resources](#)

What geographic areas are you interested in?

Search titles and descriptions by keyword(s):

Resources filtered by Sector = Transportation, and Geographic Area = Inland Empire, and Keyword =

Pages: 1

Regional Planning Unit Summary: Inland Empire

Author/Organization: EDD-LMID
Release Date: Sep 2016
 EDD's Labor Market Information Division prepared the Regional Planning Unit Summaries for use by the California Workforce Development system. [View >>](#)

Advanced Transportation

Author/Organization: CoE
Release Date: Sep 2016
[View >>](#)

Inland Empire Desert Regional Labor Market Assessment

Author/Organization: COE
Release Date: Sep 2016
[View >>](#)

Regional Economic Analysis Profiles

Author/Organization: EDD-LMID
Release Date: Aug 2016
 These reports focus on the future employment demand of economic market industry clusters and feature them as primary investment opportunities for California's workforce development system. [View >>](#)

Help Wanted Online Online Job Ads Statistics

Author/Organization: EDD-LMID
Release Date: Jul 2016
 Things you will find in this data series: (1) Top 10 Occupations with the most job ads in an area; (2) Top 10 employers with the most job ads in an area; (3) Number of job ads vs. the number of unemployed; and (4) Cities with the most jobs ads. [View >>](#)

About the Labor Market Information Library

The Labor Market Information (LMI) Library is a compilation of reports and data tables relevant to career technical education program planning. To be included in the library, the report focus is occupational and includes timely information on workforce needs and/or trends relevant to California community colleges.

Do you have a report recommendation for the LMI Library? If so, send a link or attachment to submit@coeccco.net.

[Submit Report Recommendation >>](#)

Popular Labor Market Research Tools

- [Local Share LMI Worksheet](#)
- [Demand & Supply Data Tables](#)
- [Economic Indicators](#)



Dig Deeper into Demand Data

Exhibit 4: 5-Year Projected Occupation Data, Architecture & Engineering Occupations

SOC	Description	2015 Jobs	2020 Jobs	5-Yr Change	5-Yr % Change	Annual Replacements	Annual Openings
17-3023	Electrical and Electronics Engineering Technicians	2,666	2,687	21	1%	67	71
17-3029	Engineering Technicians, Except Drafters, All Other	1,512	1,606	94	6%	38	57
17-3011	Architectural and Civil Drafters	1,469	1,566	97	7%	19	38
17-3027	Mechanical Engineering Technicians	764	834	70	9%	20	34
17-3022	Civil Engineering Technicians	638	710	72	11%	17	31
17-3026	Industrial Engineering Technicians	716	757	41	6%	18	27
17-3012	Electrical and Electronics Drafters	855	898	43	5%	11	19
17-3013	Mechanical Drafters	528	568	40	8%	7	15
17-3031	Surveying and Mapping Technicians	407	444	37	9%	5	12
17-3024	Electro-Mechanical Technicians	299	316	17	6%	8	11
17-3021	Aerospace Engineering and Operations Technicians						
17-3025	Environmental Engineering Technicians						
17-3019	Drafters, All Other						
	Total						

Exhibit 6: Education and Training Requirements, Architecture & Engineering Occupations

SOC	Occupations	Typical Entry Level Education	Typical On-The-Job Training	% of Community College Award Holders or Some Postsecondary Coursework
17-3011	Architectural and Civil Drafters	Associate degree	None	62%
17-3012	Electrical and Electronics Drafters	Associate degree	None	62%
17-3013	Mechanical Drafters	Associate degree	None	62%
17-3019	Drafters, All Other	Associate degree	None	62%
17-3021	Aerospace Engineering and Operations Technicians	Associate degree	None	55%
17-3022	Civil Engineering Technicians	Associate degree	None	55%
17-3023	Electrical and Electronics Engineering Technicians	Associate degree	None	55%
17-3024	Electro-Mechanical Technicians	Associate degree	None	55%
17-3025	Environmental Engineering Technicians	Associate degree	None	55%



Examine Supply for Occupational Groups

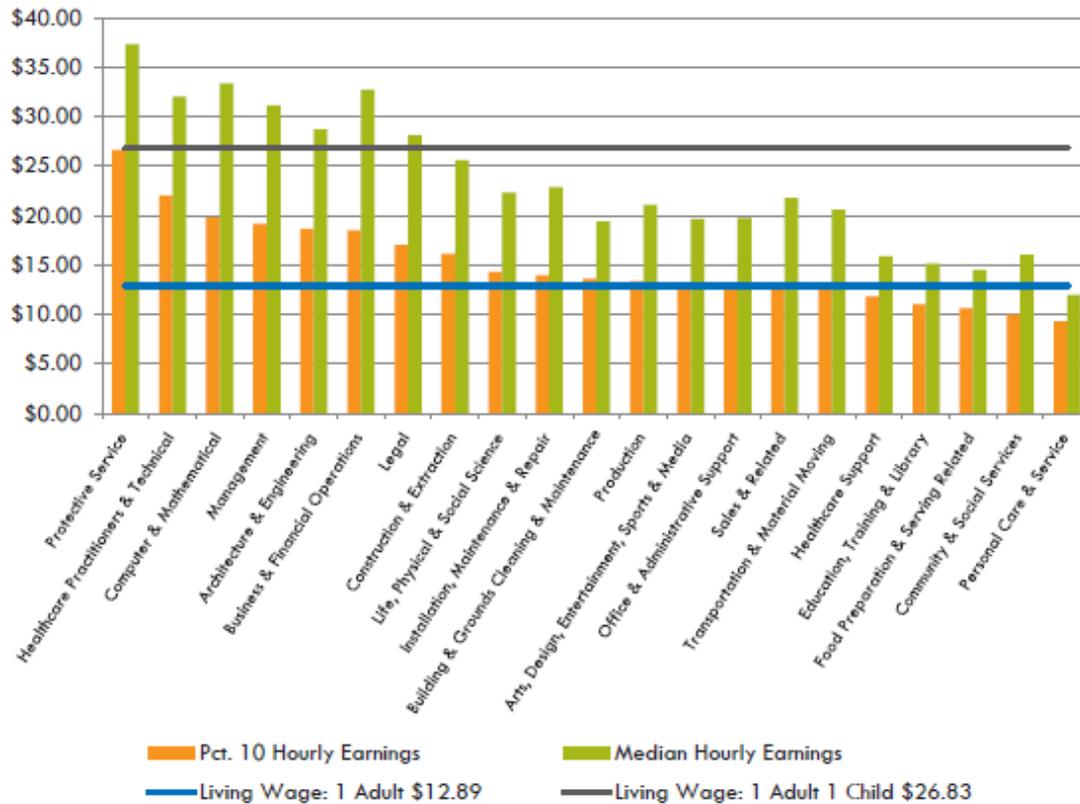
Exhibit 3: Average Annual Awards Granted by Community Colleges and Other Institutions in Programs Related to Each Occupation Group

Major Occupation Groups	CC Head-count	CC Associate Degrees	Certificates or Other Credit Awards	Non-credit Awards	Total CC Awards	Total Non-CC Awards	Weighted Avg Median Wage Gain %
Business and Financial Operations Occupations	19,462	1,003	485	243	1,731	1,040	19.5%
Office and Administrative Support Occupations	18,736	261	392	935	1,588	99	18.6%
Management Occupations	17,870	936	451	154	1,541	1,100	30.8%
Installation, Maintenance, and Repair Occupations	3,878	91	504	649	1,244	121	44.0%
Healthcare Practitioners and Technical Occupations	7,874	535	402	10	947	1,419	42.4%
Personal Care and Service Occupations	12,584	164	452	139	755	1,866	26.3%



Compare Earnings & Benchmark Living Wages

Exhibit 2: Comparison of Entry-Level & Median Wages by Occupational Group with Living Wage Standards





Live Demo

- See the results for one program in the Snapshot, based on suggestions from the audience
- Search for one report on the LMI Library



Small Group Work

- Break into small groups (ideally with the team from your college)
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Tools You Can Use:

RESOURCES TO SUPPORT USING DATA



Learn More About the LaunchBoard

<http://doingwhatmatters.cccco.edu/LaunchBoard.aspx>

Overview | Resource Map | \$200M Strong Workforce | LaunchBoard | For WEDD Grantees | For College Leadership | Events | Newsroom | Contact

Web Site Search

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CTE Data Unlocked Experts
Data Uploads

CTE DATA UNLOCKED

Overview
Funding and Technical Assistance
Finding a Consultant
CATEMA
CTE Outcomes Survey

Data-Backed Decisions

Third Party Credentials
Workforce Credentials Coalition

Code Alignment
K12-CCC | Industry-Sector |

Access the LaunchBoard Tabs
Program Snapshot & Program Table
Visuals and data tables on college offerings, educational attainment, employment, and regional labor market demand



Searchable Resources Library

CTE Data Unlocked Resources

What Do You Need To Do?	<input type="text" value="All Usage Types"/>	Find My Resources
What Is Your Role?	<input type="text" value="Faculty"/>	
What Type Of Resource Are You Interested In?	<input type="text" value="All formats"/>	

Resources filtered by Usage = All, User Role = Faculty, and Format = All

Pages: 1 2 3 4 5 »



CTE Data Unlocked | Experts Unlocked

Four-minute video explaining the types of information that colleges need to use as part of the Strong Workforce Program funding and how the CTE Data Unlocked Experts can support colleges in accessing this information. »

Get related resource(s):

[Contact the Expert who has been assigned to your college](#)



Understanding Employment and Earnings Data

Infographic that spells out tools that show employment information, where the data comes from, how representative it is, and issues to consider when reviewing the data. [View](#) »



Should you grow your program?

Find out how the LaunchBoard can help you get a better understanding of the jobs that are available in your region and whether the number of jobs is growing or shrinking related to specific programs. »

Get related resource(s):

[View other two minute videos on how to use the LaunchBoard to support college processes](#)



Do Our Training Programs Align With Available Jobs?



What Comes Next:

**WHAT WILL YOU DO BASED ON
WHAT YOU'VE LEARNED?**



Warm Down: Action Steps

Do these tools address the problems you've had with getting information on CTE outcomes?

Is there a specific action step that you are likely to take based on what you learned today?



Get Started!

Resources, videos, and guides:

<http://doingwhatmatters.cccco.edu/LaunchBoard.aspx>

Answers to questions:

launchboard@cccoco.edu

Log onto the LaunchBoard:

www.calpassplus.org/LaunchBoard