

CTE Data UNLOCKED



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



Objectives

- Introduce you to a suite of resources to support CTE data usage
- Show how tools like the LaunchBoard Program Snapshot can support processes like program review and planning
- Update on other tabs of the LaunchBoard



Task Force Roll Out

14 Regional College & Faculty Conversations

- ✓ Over **700** attendees, including 40% faculty

6 Strong Workforce Town Hall Meetings

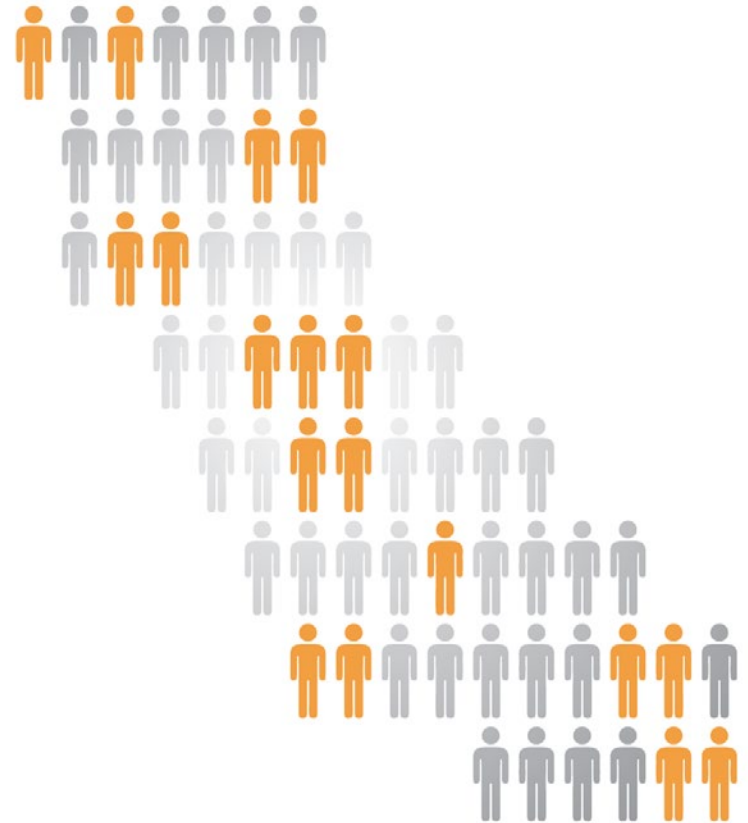
- ✓ Over **500** participants in regions across the state

6 expert background papers on common themes

- ✓ Workforce Data & Outcomes
- ✓ Curriculum Development & Instructors
- ✓ Structured Pathways and Student Support (2 parts)
- ✓ Regional Coordination
- ✓ Funding

5 meetings of the **26**-member Task Force

221 website & **10** letters during **public comment** period





Recommendations: Workforce Data & Outcomes

- Create **common workforce metrics** for all state funded CTE programs.
- Expand the **definition of student success** to better reflect the wide array of CTE outcomes of community college students.
- Establish a **student identifier** for high school students and those enrolled in postsecondary education and training programs to enable California to track workforce progress and outcomes for students across institutions and programs.
- Increase the ability of governmental entities to **share** employment, licensing, certification, and wage outcome **information**.
- **Improve the quality, accessibility, and utility** of student outcome and labor market **data** to support students, educators, colleges, regions, employers, local workforce investment boards, and the state in CTE program development and improvement efforts.



Getting Support:

CTE DATA UNLOCKED



CTE Data Unlocked

- Provides tools, training, technical assistance, and funding to support better use of CTE outcomes data and labor market information
- Strengthens ongoing capacity for CTE data usage in program review, accreditation, integrated planning, and regional and sector-based program design
- Supports the development of regional workforce plans and prepares for \$200 million in new CTE funding that will be available in 2017



Building Awareness (Spring 2016)

Provide an overview on CTE data at regional trainings:

- learn about the expanded CTE metrics on the Student Success Scorecard
- get hands-on experience using statewide tools like the LaunchBoard to answer common questions
- send a team including a senior administrator (CEO, CIO, or CSSO), plus one or more CTE deans, faculty, and institutional researchers



Deepening Expertise (Summer 2016)

Build system-wide capacity to find, understand, and use data:

- provide training for Chancellor's Office technical assistance providers on how to use CTE data tools and labor market information
- release resources to support colleges in integrating these data sources into college processes such as program review, accreditation, and integrated planning



Resource Examples

- How to use data tools in various usage cases such as program review, accreditation, and planning, offered in various formats including:
 - Two minute videos
 - Seven page guides
 - Detailed how-to guides
 - Animated PowerPoints
- Short documents on how to analyze and work with metrics such as employment and earnings data and labor market information



Expanding Regional Data Use (Fall 2016)

Support the development of regional workforce plans:

- release regional reports that integrate labor market information and student outcomes data from Data Mart, the LaunchBoard, the CTE Employment Outcomes Survey, and other sources
- host meetings with colleges, employers, and other educational partners to create regional workforce plans



Supporting College Data Usage (2016-2017)

Support colleges in integrating regional plans and CTE data into core activities:

- offer \$50,000 in funding and 10 hours of technical assistance to support CTE data usage (for colleges that attended spring training)
- host in-depth “super-user” trainings to help practitioners develop a deeper understanding of CTE data tools and labor market information.
- provide one free year of participation in the CTE Outcomes Survey (tracks employment and other post-college outcomes)
- roll out three years of participation in the CATEMA system (tracks participation in articulated courses and eligibility for credit)



Technical Assistance Examples

- Onsite training with student services professionals, faculty, and deans on using employment data for educational planning and to strengthen support services
- Onsite training with a specific department or program, where participants examine outcomes in various statewide data tools
- Hands-on support to pull and format data from statewide data tools to support local and regional processes like program review, accreditation, and planning
- Technical support to examine TOP code assignments and identify data points that are missing from the LaunchBoard, leading to recommendations on how to improve data quality in statewide tools



Funding Examples

- Hire a communications consultant to develop outreach and educational planning materials based on data found in the LaunchBoard, Salary Surfer, and other tools
- Hire a consultant or pay faculty release time to gather stories on skills-builder students and analyze skills-builder pathways, to provide a deeper understanding of these students, course clusters, and outcomes
- Support integration of the CATEMA system, including faculty stipends to support the development of processes with K-12 partners and A&R offices to gather and process information on articulated courses and credit by exam
- Improve response rates for the CTE Outcomes Survey, such as purchasing services that can provide updated contact information for former students or providing faculty stipends to develop communications plans to clarify the importance of the survey to students



Find Out More

- training content, locations, and dates
- requirements to receive funding and technical assistance
- full details on CTE Data Unlocked

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



Tools You Can Use:

LAUNCHBOARD PROGRAM SNAPSHOT



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 "are the right number of people being trained for available jobs" and "how much money are students making"
- Drill down into detailed data tables on student characteristics, milestones, and success



LaunchBoard^{1.0}

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.



Program Snapshot

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.

Common Metrics

The Common Metrics section enables colleges to upload and view information on 34 indicators used to track progress on the California Community College Chancellor's Office's Doing What Matters framework

CCPT Tab

The California Career Pathways Trust (CCPT) tab is a voluntary tool intended to foster conversations within CCPT grant consortia by bringing together information on grant outcomes and

CTE Outcomes Survey Tool

The CTEOS Reporting Tool is intended to make Career and Technical Education Outcomes Survey (CTEOS) responses



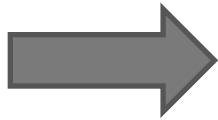
Determine what you want to see

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?



Get a deeper level of information

— What kinds of students are taking courses?

Gender Ethnicity Age Full Time Status Previous Awards

Gender	Percentage
Female	65%
Male	35%
Unknown	0%

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?](#)





Compare figures with other colleges in your region

Race/Ethnicity		
	Selected Year	Region
African American		3 %
	Selected Year	Region
Asian	44 %	35 %
	Selected Year	Region
Filipino/a		
	Selected Year	Region
Hispanic	16 %	29 %
	Selected Year	Region
Pacific Islander		
	Selected Year	Region
Two or More Races		
	Selected Year	Region
Unknown Race	5 %	3 %
	Selected Year	Region
White	27 %	25 %



LaunchBoard Usage Cases

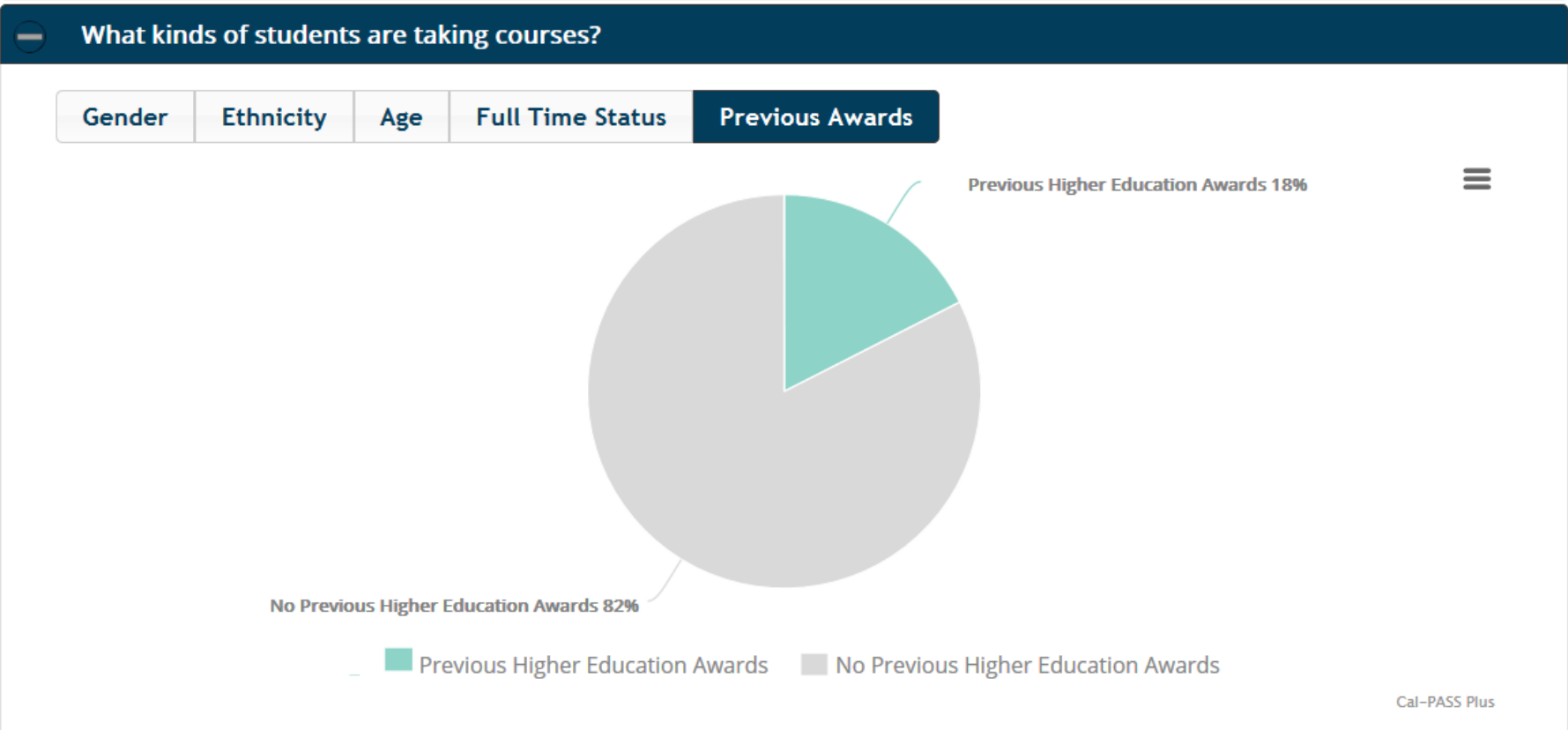
Scenario 1:

Evaluating Access & Success

What types of students are in my program? Are there equity gaps in success?



See how many students started with credentials





Dig deeper into student characteristics

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

- + **Course-Taking**
- + **Previous Enrollments**
- + **New Students**
- + **Gender**
- + **Race/Ethnicity**
- + **Age Group**
- + **Special Needs**
- + **Full-time Status**



Examine equity gaps in completion outcomes

Are there equity gaps in student success?

Completing Students

Among completing students, there were equity gaps for Hispanic and White students.

Ethnicity	Enrolled	Completed	80% Rule Index	Percentage Gap
Asian	44.07 %	29.49 %	1.24	5.76 %
Hispanic	15.82 %	17.86 %	0.75	-5.87 %
Unknown and Other	12.99 %	21.74 %	0.92	-1.99 %
White	27.12 %	18.75 %	0.79	-4.98 %

■ Severe Disproportionate Impact
 ■ Disproportionate Impact
 ■ No Disproportionate Impact

Transferring Students



Scenario 2:

Understanding the Labor Market

What kinds of jobs are there? Do my students make more money?



Labor Market Information: Environmental Technology

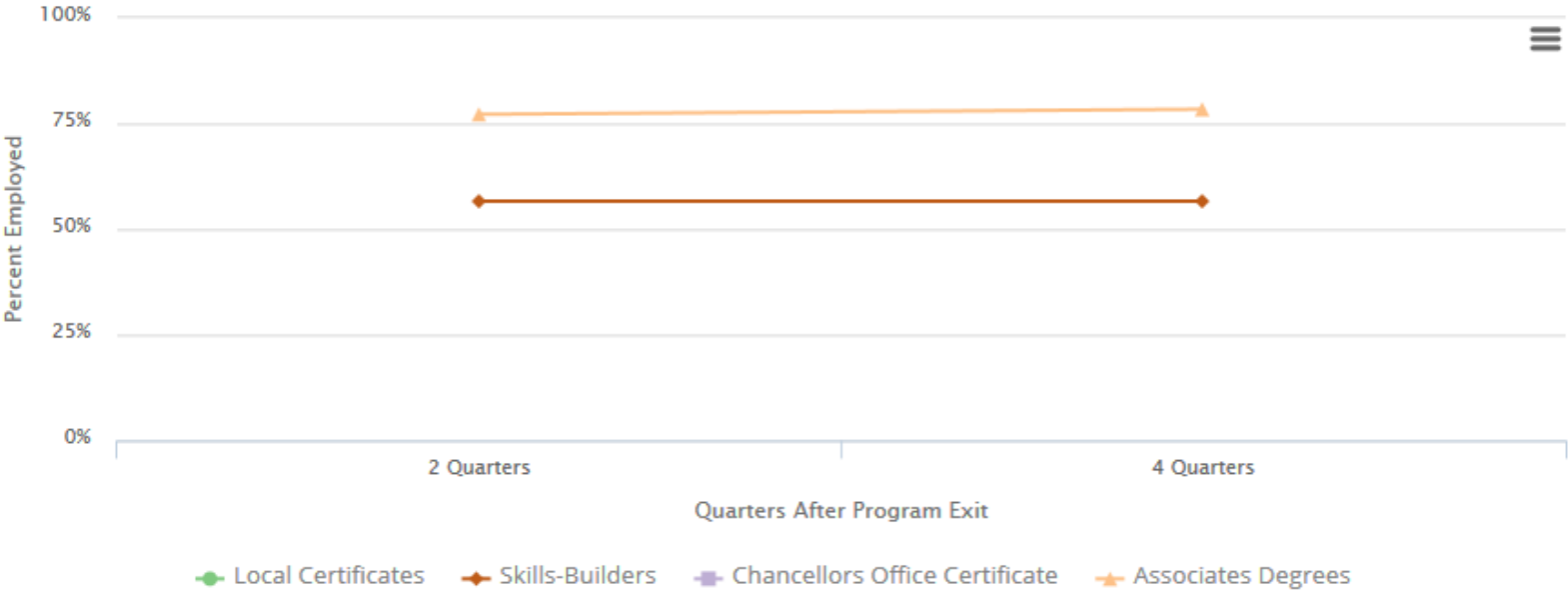
Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information			
Total People Employed in the Region								
					Current Year (2014)	5 Years Ago (2009)	5 Year Change (2009-2014)	5 Year Trend
2. Requires an Associate Degree								
Environmental Engineering Technician (173025)					184	166	18	↑
5. On-The-Job Training, No College Required								
Hazardous Materials Removal Workers (474041)					482	392	90	↑
Projected Regional Job Openings								
					Projected 5 Year Openings (2014-2019)	Projected Average Annual Openings (2014-2019)		
2. Requires an Associate Degree								
Environmental Engineering Technician (173025)					69	14		
5. On-The-Job Training, No College Required								
Hazardous Materials Removal Workers (474041)					116	23		
Median Regional Annual Salary								
					Entry Level Salary	Median Salary		
2. Requires an Associate Degree								
Environmental Engineering Technician (173025)					\$39,416	\$62,130		
5. On-The-Job Training, No College Required								
Hazardous Materials Removal Workers (474041)					\$25,917	\$37,856		



Employment Trends: Registered Nurses

Are students getting jobs?

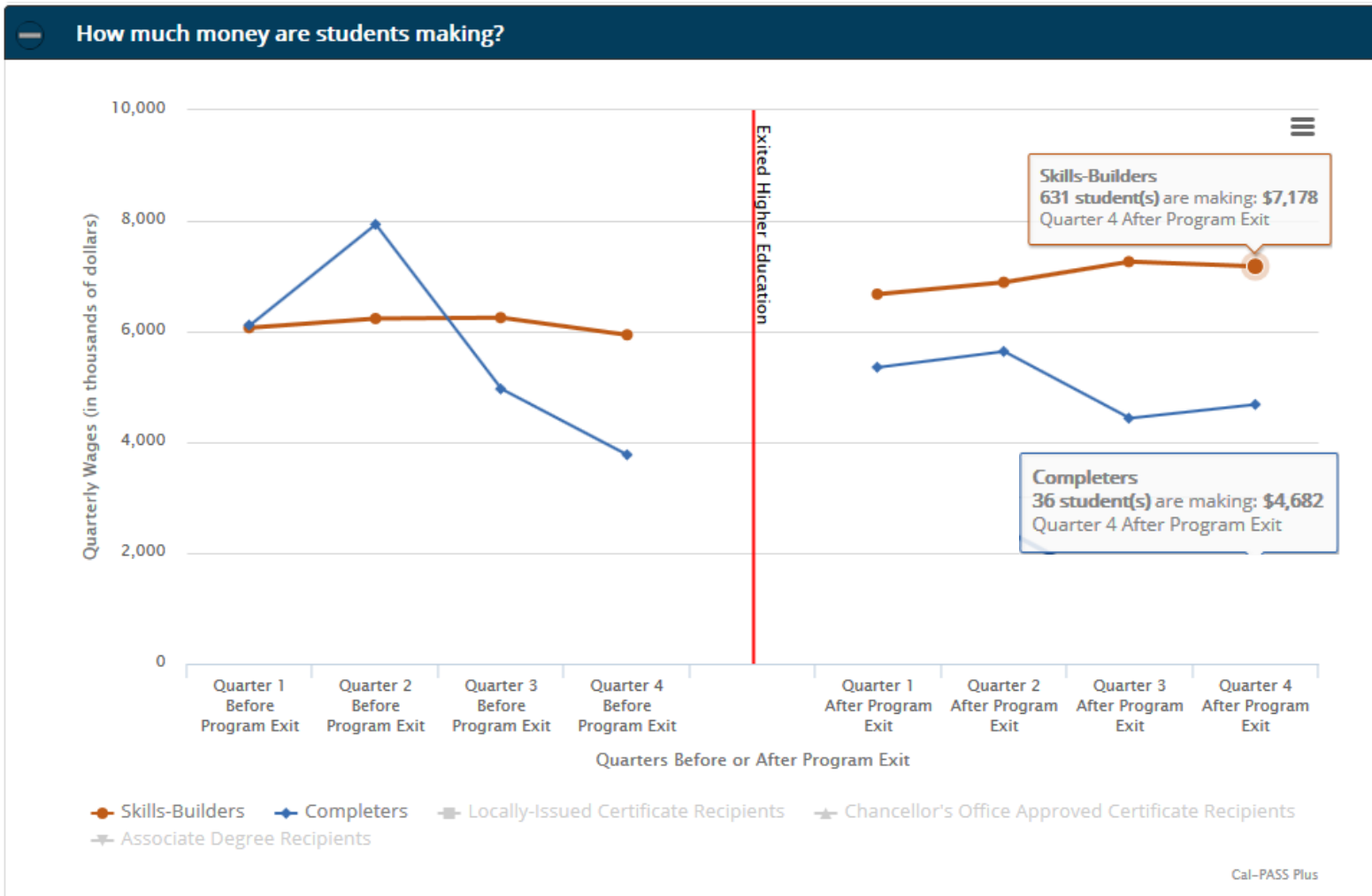
After a year, 78% of completers and 57% of skills-builder students were employed.



Cal-PASS Plus



Focusing In: Earnings (Accounting)





Find Out More

- Various two-minute videos describing how to use the LaunchBoard for specific tasks like starting a new program, program review, equity planning, and accessing employment and earnings data
- Four-minute video on why we need to count skills-builders in CTE success measures
- Eight minute video on earnings outcomes for various CTE pathways
- Two guides on understanding and using labor market information

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



Tools You Can Use:

OTHER LAUNCHBOARD TABS



Common Metrics

Draft metrics have been developed, based on statewide goals, such as:

- Increase the number of students who earn a certificate or degree that prepares them for the workforce
- Increase the number students who attain multiple credentials that help them advance up a career ladder
- Secure job retention, economic mobility, and living-wage earnings
- Support economic development

The metrics are currently being vetted with stakeholders and will be in place to track outcomes for 2016-17



CTEOS

- Currently working on a rebuild that includes all years of data (for colleges that signed the MOU allowing for the data transfer)
- Like the Program Snapshot, the tab will include both data tables and visual charts



CCPT

- Through a partnership with Aeries, K-12 consortia members can track information on CCPT outcomes in Aeries' online student information application and upload results into the LaunchBoard
- Functionality, and an updated how-to guide, will be in place by April