

The background features a large, light blue watermark of the California Community Colleges logo. The logo is circular with the text "CALIFORNIA COMMUNITY COLLEGES" around the perimeter. In the center is a stylized yellow and blue emblem resembling a book or a flame.

# **Using the LaunchBoard for Program Planning**

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Jill Leufgen**

**CCCAOE Fall Conference**

**October 20, 2015**



# LaunchBoard 2.0

- Revised Program Snapshot and Common Metrics tabs
- Used feedback from practitioners in the revisions
- Developments are designed to drive program improvement



# Purpose of revision

- Reevaluated metrics to ensure that
  - they better align with other state and federal initiatives
  - they are based on available data
  - the construction of the metrics accurately addresses the needs of practitioners
- Provide practitioners with visually-dynamic reports that address common questions



# Determine what you want to see

## Program Snapshot

### Select Your View

What level of information do you want?

Please select one

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

### Which programs would you like to view?

College or Region:

Los Angeles County	▼
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Program or Sector:

Health	▼
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Which academic year should be included in the report?

2010-2011	▼
2012-2013	
2011-2012	
2010-2011	

Refresh



# Find answers to common questions

## Program Snapshot

Los Angeles County || Health || 2010-2011 [\(Change Filter?\)](#)

- Where are students taking courses?
- Are we training the right number of students for available jobs?
- What kinds of students are taking courses?
- Are students progressing in the pathway?
- Are there equity gaps in student success?
- What types of awards are programs issuing?
- Are students getting jobs?
- How much money are students making?
- Are students making reasonable wages?

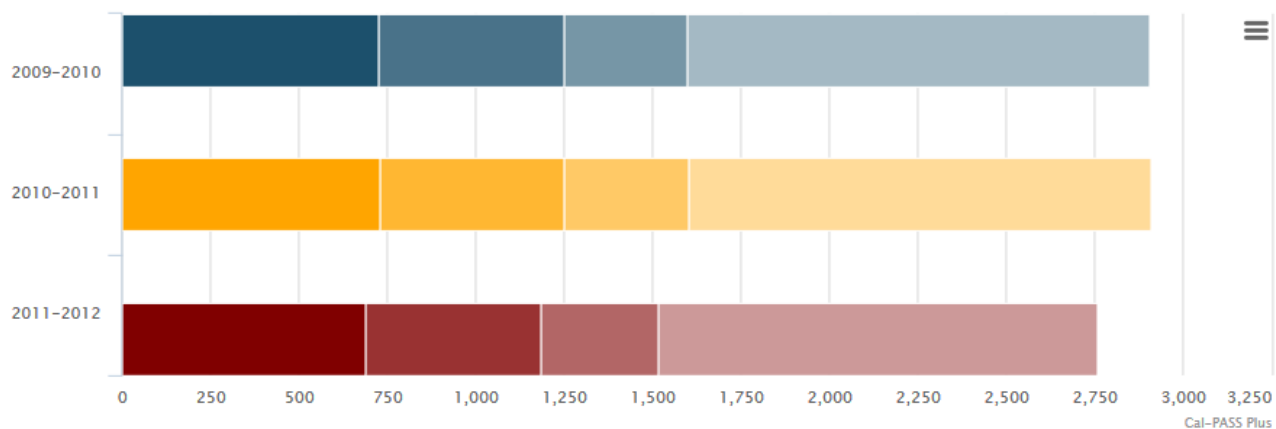


# See the scale of regional offerings

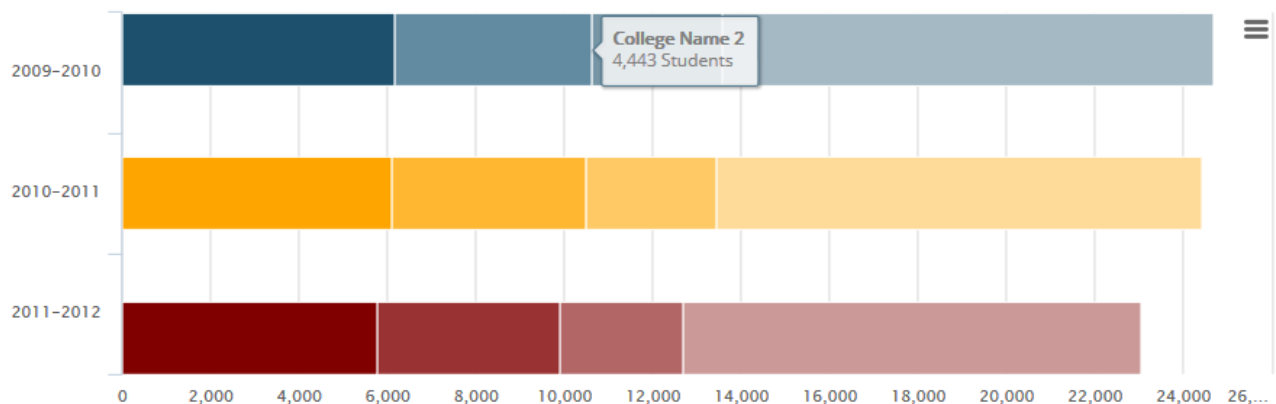
## Where are students taking courses?

56,170 students took courses at 20 colleges.

Program Offerings in the Region



Students in the Region





# View supply and demand

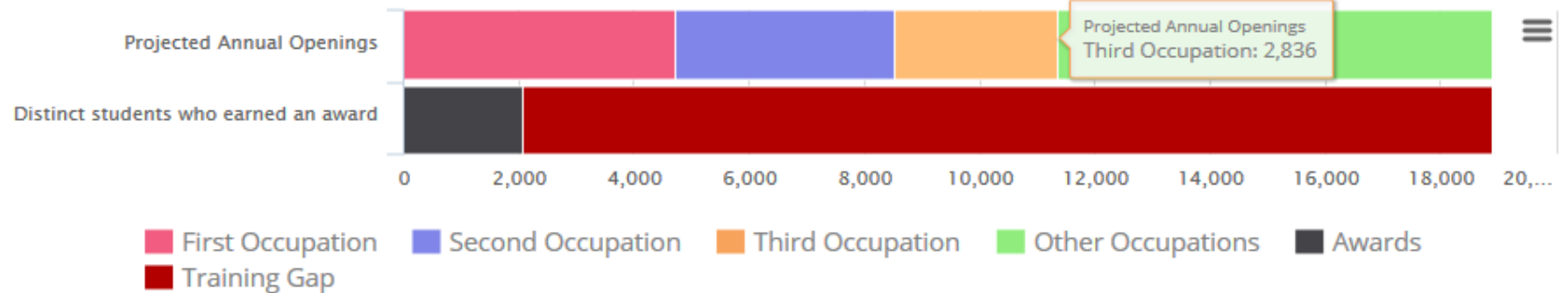
## Program Snapshot

Los Angeles County || Health || 2010-2011 [\(Change Filter?\)](#)

Where are students taking courses?

Are we training the right number of students for available jobs?

There were 16,830 more job openings than graduates in the region.

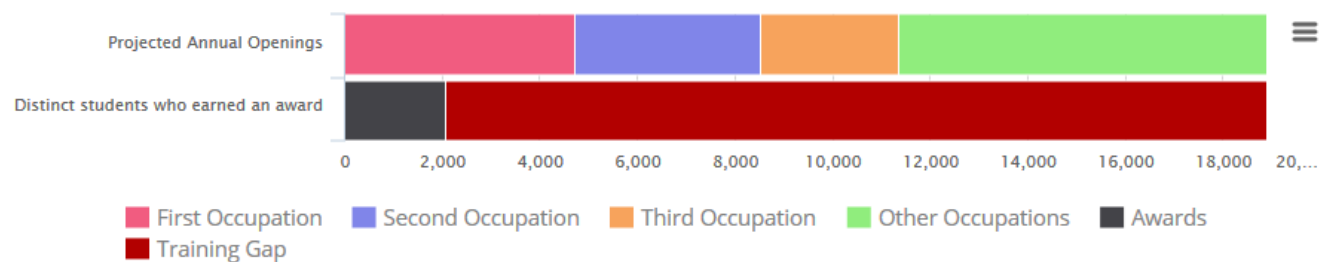


Cal-PASS Plus



# See graphics in table format

view the numbers shown in the chart above



Cal-PASS Plus

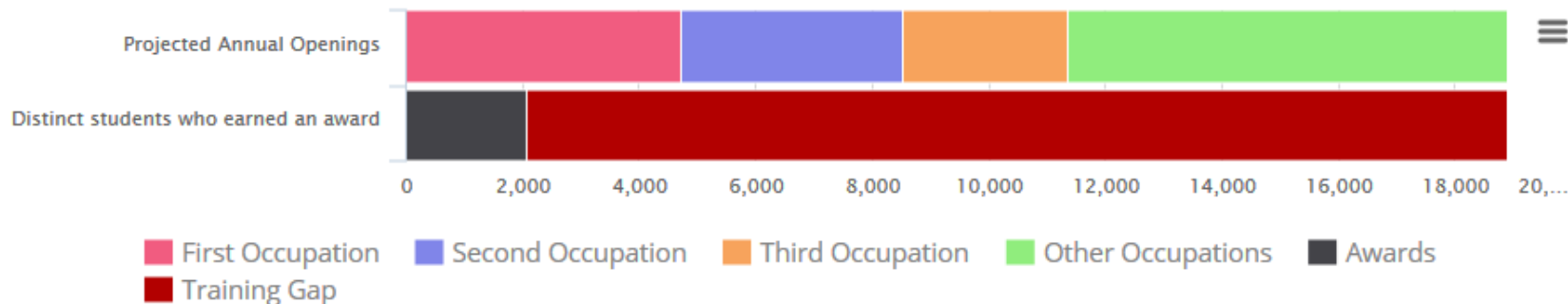
Hide Table

Region	Sector	First Occupation	Second Occupation	Third Occupation	Other Occupations	Awards	Job Gap
Los Angeles County	Health	4,727	3,782	2,836	7,563	2,078	16,830





# Understand more about the charts



Cal-PASS Plus

## Show Table

### - What do I need to know about these figures?

- Charts do not display the number of people being trained outside the California community colleges, skills-builders, or other job seekers.
- Job openings are annual projections and only include related occupations that require less than a bachelor's degree.
- Data are only displayed for years with EMSI projected openings (2013-2018).



# Examine equity gaps in student outcomes

## Are there equity gaps in student success?

There were equity gaps for African American, Hispanic, Pacific Islander, and Two or More Races students.

### Disproportionate Impact Among Completing Students

Ethnicity	Awarded	Enrolled	Equity Index
African American	5.86 %	11.64 %	0.69
American Indian/Alaska Native	10.39 %	0.31 %	1.22
Asian	9.92 %	13.38 %	1.17
Filipino/a	16.09 %	7.74 %	1.90
Hispanic	6.17 %	37.01 %	0.73
Pacific Islander	4.84 %	0.51 %	0.57
Two or more Races	2.05 %	1.80 %	0.24
Unknown Race	14.86 %	6.79 %	1.75
White	8.87 %	20.82 %	1.04

■ Severe Disproportionate Impact   ■ Disproportionate Impact   ■ No Disproportionate Impact



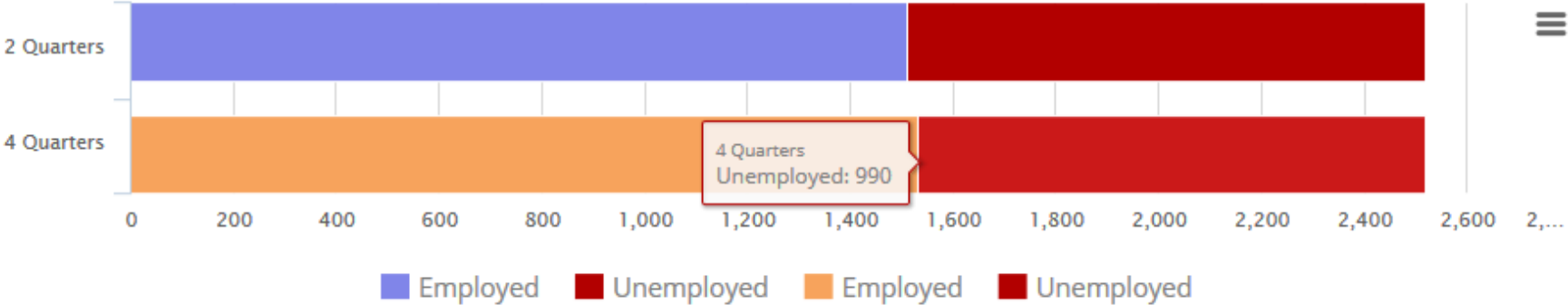
# Learn about employment outcomes



## Are students getting jobs?

After a year, 61% of graduates and skills-builder students were employed.

Percentage of Former Students with Wage Records



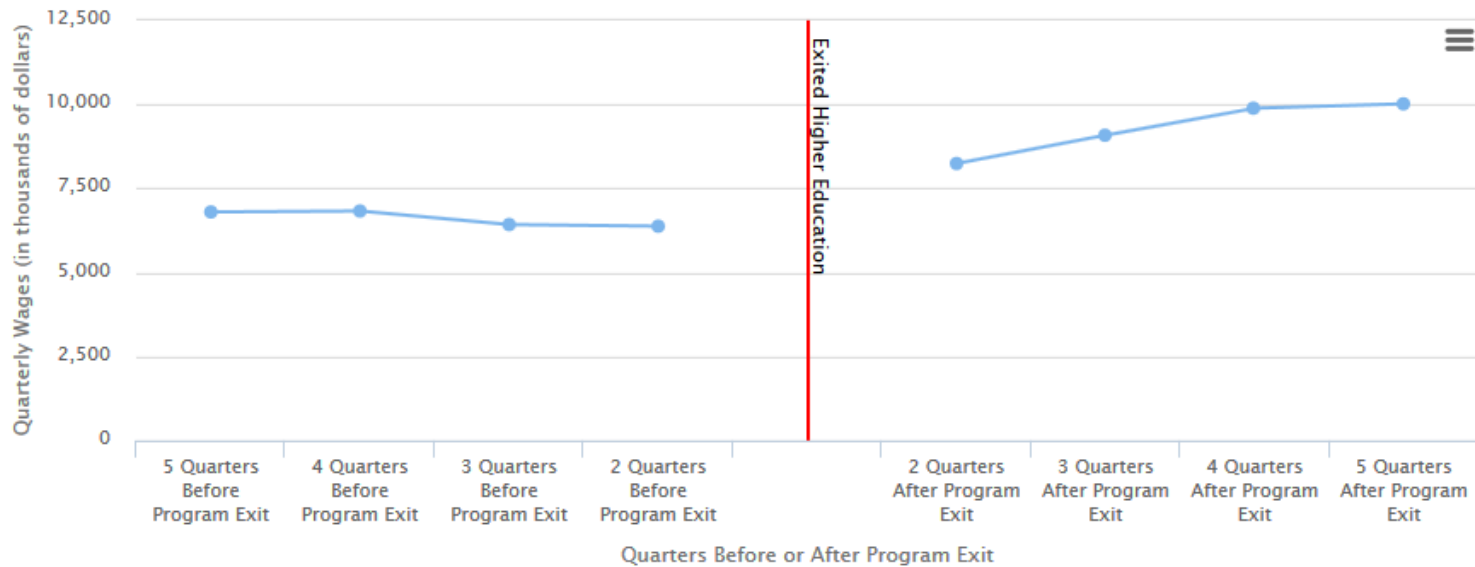
Cal-PASS Plus



# Track changes in earnings

## How much money are students making?

After a year, graduates and skills-builders were making 37% more.



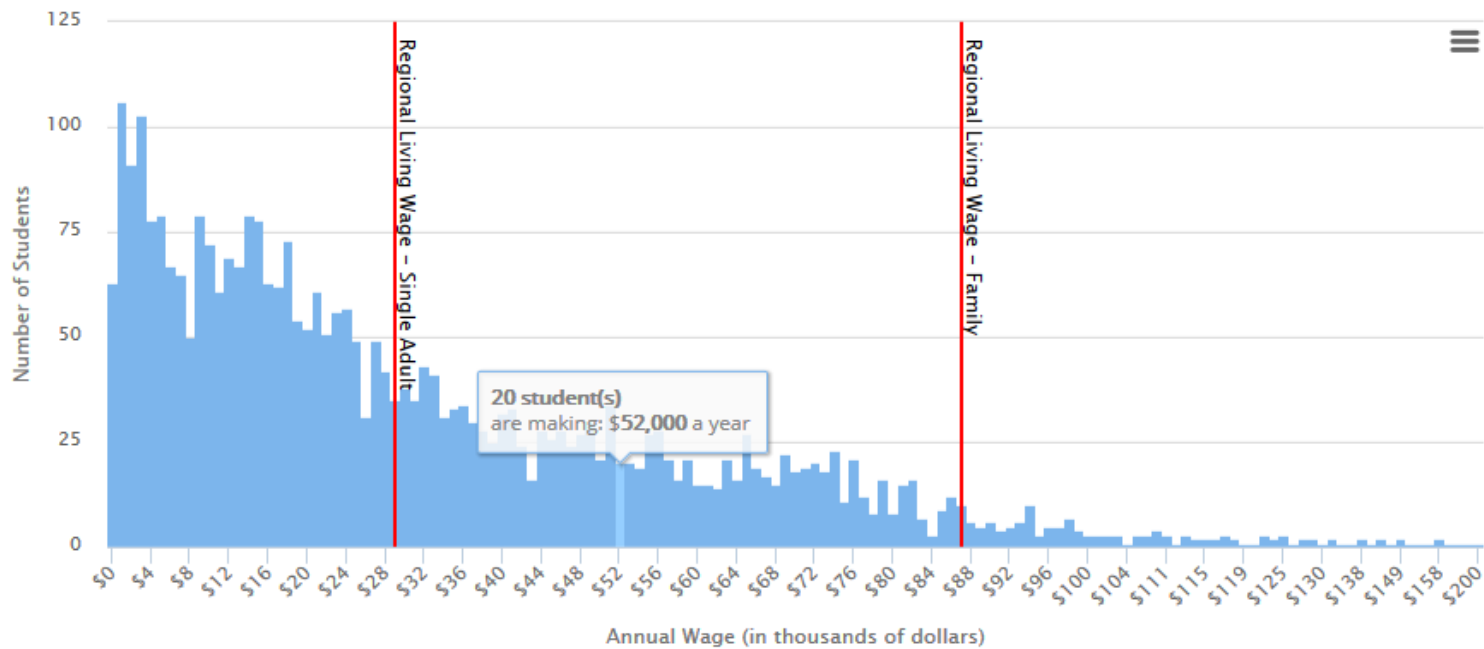
Cal-PASS Plus



# Evaluate earnings outcomes

## Are students making reasonable wages?

After a year, 46% of graduates and skills-builders were making a living wage.



Cal-PASS Plus





# Examine student characteristics

Program Size

Student Characteristics

Milestones

Success

Employment

Regional Labor Market Information

Course-Taking

	Selected Year	Trend								
Students Who Took One or More Courses	24,432	<table border="1"><caption>Students Who Took One or More Courses</caption><thead><tr><th>Year</th><th>Students</th></tr></thead><tbody><tr><td>2009-2010</td><td>~24,000</td></tr><tr><td>2010-2011</td><td>~23,500</td></tr><tr><td>2011-2012</td><td>23,059</td></tr></tbody></table>	Year	Students	2009-2010	~24,000	2010-2011	~23,500	2011-2012	23,059
Year	Students									
2009-2010	~24,000									
2010-2011	~23,500									
2011-2012	23,059									
Students Who Took Non-Introductory Courses	71 %	<table border="1"><caption>Students Who Took Non-Introductory Courses</caption><thead><tr><th>Year</th><th>Percentage</th></tr></thead><tbody><tr><td>2009-2010</td><td>71%</td></tr><tr><td>2010-2011</td><td>71%</td></tr><tr><td>2011-2012</td><td>71%</td></tr></tbody></table>	Year	Percentage	2009-2010	71%	2010-2011	71%	2011-2012	71%
Year	Percentage									
2009-2010	71%									
2010-2011	71%									
2011-2012	71%									



# Understand students' enrollment patterns

**Previous Enrollments**

	Selected Year	Trend
Students Who Ever Attended Another College in the Same Pathway	8 %	
Students Who Previously Received a Community College Award	12 %	
Students Who Previously Graduated from A Four-Year Institution	12 %	
Students Who Previously Took a High School CTE Course	5 %	





# Understand students' enrollment patterns

**First-time Status**

	Selected Year	Trend								
First-Time Students	10 %	<table border="1"><caption>First-Time Students Trend Data</caption><thead><tr><th>Year</th><th>Percentage</th></tr></thead><tbody><tr><td>2009-2010</td><td>~10.5%</td></tr><tr><td>2010-2011</td><td>~10.2%</td></tr><tr><td>2011-2012</td><td>~9.8%</td></tr></tbody></table>	Year	Percentage	2009-2010	~10.5%	2010-2011	~10.2%	2011-2012	~9.8%
Year	Percentage									
2009-2010	~10.5%									
2010-2011	~10.2%									
2011-2012	~9.8%									
Returning Students	13 %	<table border="1"><caption>Returning Students Trend Data</caption><thead><tr><th>Year</th><th>Percentage</th></tr></thead><tbody><tr><td>2009-2010</td><td>~12.5%</td></tr><tr><td>2010-2011</td><td>~13.0%</td></tr><tr><td>2011-2012</td><td>~13.5%</td></tr></tbody></table>	Year	Percentage	2009-2010	~12.5%	2010-2011	~13.0%	2011-2012	~13.5%
Year	Percentage									
2009-2010	~12.5%									
2010-2011	~13.0%									
2011-2012	~13.5%									



# Understand students' enrollment patterns

Full-time Status

	Selected Year	Trend								
Full-Time Students	17 %	<table border="1"><thead><tr><th>Year</th><th>Percentage</th></tr></thead><tbody><tr><td>2009-2010</td><td>17 %</td></tr><tr><td>2010-2011</td><td>17 %</td></tr><tr><td>2011-2012</td><td>17 %</td></tr></tbody></table>	Year	Percentage	2009-2010	17 %	2010-2011	17 %	2011-2012	17 %
Year	Percentage									
2009-2010	17 %									
2010-2011	17 %									
2011-2012	17 %									
Part-Time Students	83 %	<table border="1"><thead><tr><th>Year</th><th>Percentage</th></tr></thead><tbody><tr><td>2009-2010</td><td>83 %</td></tr><tr><td>2010-2011</td><td>83 %</td></tr><tr><td>2011-2012</td><td>84 %</td></tr></tbody></table>	Year	Percentage	2009-2010	83 %	2010-2011	83 %	2011-2012	84 %
Year	Percentage									
2009-2010	83 %									
2010-2011	83 %									
2011-2012	84 %									



# Review special needs populations

## Special Needs

	Selected Year	Trend								
Foster Youth	0 %	<table border="1"> <tr><th>Year</th><td>2009-2010</td><td>2010-2011</td><td>2011-2012</td></tr> <tr><th>Percentage</th><td>0 %</td><td>0 %</td><td>0 %</td></tr> </table>	Year	2009-2010	2010-2011	2011-2012	Percentage	0 %	0 %	0 %
Year	2009-2010	2010-2011	2011-2012							
Percentage	0 %	0 %	0 %							
Veterans	0 %	<table border="1"> <tr><th>Year</th><td>2009-2010</td><td>2010-2011</td><td>2011-2012</td></tr> <tr><th>Percentage</th><td>0 %</td><td>0 %</td><td>0 %</td></tr> </table>	Year	2009-2010	2010-2011	2011-2012	Percentage	0 %	0 %	0 %
Year	2009-2010	2010-2011	2011-2012							
Percentage	0 %	0 %	0 %							
Disabled Students	3 %	<table border="1"> <tr><th>Year</th><td>2009-2010</td><td>2010-2011</td><td>2011-2012</td></tr> <tr><th>Percentage</th><td>3 %</td><td>3 %</td><td>3 %</td></tr> </table>	Year	2009-2010	2010-2011	2011-2012	Percentage	3 %	3 %	3 %
Year	2009-2010	2010-2011	2011-2012							
Percentage	3 %	3 %	3 %							
First-Generation Students	5 %	<table border="1"> <tr><th>Year</th><td>2009-2010</td><td>2010-2011</td><td>2011-2012</td></tr> <tr><th>Percentage</th><td>5 %</td><td>5 %</td><td>5 %</td></tr> </table>	Year	2009-2010	2010-2011	2011-2012	Percentage	5 %	5 %	5 %
Year	2009-2010	2010-2011	2011-2012							
Percentage	5 %	5 %	5 %							
Ever Took a Basic Skills Course	42 %	<table border="1"> <tr><th>Year</th><td>2009-2010</td><td>2010-2011</td><td>2011-2012</td></tr> <tr><th>Percentage</th><td>42 %</td><td>42 %</td><td>42 %</td></tr> </table>	Year	2009-2010	2010-2011	2011-2012	Percentage	42 %	42 %	42 %
Year	2009-2010	2010-2011	2011-2012							
Percentage	42 %	42 %	42 %							



# Track key milestones within a program area

Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information								
			Selected Year	Trend									
		<input type="checkbox"/> Course Retention Rate	93 %	<table border="1"><thead><tr><th>Year</th><th>Rate</th></tr></thead><tbody><tr><td>2010-2011</td><td>93 %</td></tr><tr><td>2011-2012</td><td>93 %</td></tr><tr><td>2012-2013</td><td>93 %</td></tr></tbody></table>		Year	Rate	2010-2011	93 %	2011-2012	93 %	2012-2013	93 %
Year	Rate												
2010-2011	93 %												
2011-2012	93 %												
2012-2013	93 %												
			Selected Year	Trend									
		<input type="checkbox"/> Course Success Rate	84 %	<table border="1"><thead><tr><th>Year</th><th>Rate</th></tr></thead><tbody><tr><td>2010-2011</td><td>84 %</td></tr><tr><td>2011-2012</td><td>84 %</td></tr><tr><td>2012-2013</td><td>84 %</td></tr></tbody></table>		Year	Rate	2010-2011	84 %	2011-2012	84 %	2012-2013	84 %
Year	Rate												
2010-2011	84 %												
2011-2012	84 %												
2012-2013	84 %												
			Selected Year	Trend									
		<input type="checkbox"/> Term-to-Term Retention Rate	15 %	<table border="1"><thead><tr><th>Year</th><th>Rate</th></tr></thead><tbody><tr><td>2010-2011</td><td>15 %</td></tr><tr><td>2011-2012</td><td>15 %</td></tr><tr><td>2012-2013</td><td>15 %</td></tr></tbody></table>		Year	Rate	2010-2011	15 %	2011-2012	15 %	2012-2013	15 %
Year	Rate												
2010-2011	15 %												
2011-2012	15 %												
2012-2013	15 %												
			Selected Year	Trend									
		<input type="checkbox"/> Persistence Rate	14 %	<table border="1"><thead><tr><th>Year</th><th>Rate</th></tr></thead><tbody><tr><td>2010-2011</td><td>14 %</td></tr><tr><td>2011-2012</td><td>14 %</td></tr><tr><td>2012-2013</td><td>14 %</td></tr></tbody></table>		Year	Rate	2010-2011	14 %	2011-2012	14 %	2012-2013	14 %
Year	Rate												
2010-2011	14 %												
2011-2012	14 %												
2012-2013	14 %												



# Review success outcomes

Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information									
				Selected Year	Trend									
			+	Locally-Issued Certificates	50	<table border="1"><thead><tr><th>Year</th><th>Count</th></tr></thead><tbody><tr><td>2009-2010</td><td>~60</td></tr><tr><td>2010-2011</td><td>~55</td></tr><tr><td>2011-2012</td><td>~40</td></tr></tbody></table>	Year	Count	2009-2010	~60	2010-2011	~55	2011-2012	~40
Year	Count													
2009-2010	~60													
2010-2011	~55													
2011-2012	~40													
			+	Chancellor's Office Approved Certificates	749	<table border="1"><thead><tr><th>Year</th><th>Count</th></tr></thead><tbody><tr><td>2009-2010</td><td>~600</td></tr><tr><td>2010-2011</td><td>~800</td></tr><tr><td>2011-2012</td><td>~500</td></tr></tbody></table>	Year	Count	2009-2010	~600	2010-2011	~800	2011-2012	~500
Year	Count													
2009-2010	~600													
2010-2011	~800													
2011-2012	~500													
			+	Associate Degrees	1,279	<table border="1"><thead><tr><th>Year</th><th>Count</th></tr></thead><tbody><tr><td>2009-2010</td><td>~1,200</td></tr><tr><td>2010-2011</td><td>1,507</td></tr><tr><td>2011-2012</td><td>~1,300</td></tr></tbody></table>	Year	Count	2009-2010	~1,200	2010-2011	1,507	2011-2012	~1,300
Year	Count													
2009-2010	~1,200													
2010-2011	1,507													
2011-2012	~1,300													



# Review success outcomes

	Selected Year	Trend								
Transferred to a Four-Year University	556	<table border="1"><caption>Transferred to a Four-Year University Trend</caption><thead><tr><th>Year</th><th>Count</th></tr></thead><tbody><tr><td>2009-2010</td><td>~500</td></tr><tr><td>2010-2011</td><td>~500</td></tr><tr><td>2011-2012</td><td>~600</td></tr></tbody></table>	Year	Count	2009-2010	~500	2010-2011	~500	2011-2012	~600
Year	Count									
2009-2010	~500									
2010-2011	~500									
2011-2012	~600									
	Selected Year	Trend								
Skills-builder Students with a Wage Gain	889	<table border="1"><caption>Skills-builder Students with a Wage Gain Trend</caption><thead><tr><th>Year</th><th>Count</th></tr></thead><tbody><tr><td>2009-2010</td><td>~700</td></tr><tr><td>2010-2011</td><td>~850</td></tr><tr><td>2011-2012</td><td>~850</td></tr></tbody></table>	Year	Count	2009-2010	~700	2010-2011	~850	2011-2012	~850
Year	Count									
2009-2010	~700									
2010-2011	~850									
2011-2012	~850									



# See details on earnings

Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information	
					Selected Year	Trend
+ Employed in the second quarter after exit					63 %	
					Selected Year	Trend
+ Employed in the fourth quarter after exit					64 %	
					Selected Year	Trend
+ Median Annual Salary (Completers and Skills-Builders)					\$31,822	
					Selected Year	Trend
+ Change in Earnings (Completers and Skills-Builders)					\$13,516	
					Selected Year	Trend
Employment in Same or Similar Field					83	



# Review labor market information

TOTAL PEOPLE EMPLOYED IN THE REGION				
Metric	Current Year (2013)	5 Years Ago (2008)	5 Year Change (2008-2013)	5 Year Trend
<b>Requires Bachelor's Degree or Higher</b>				
Dietitians and Nutritionists	2,397	1,880	517	↑
Physician Assistants	2,349	1,962	387	↑
Athletic Trainers	301	302	-1	↓
<b>Requires Associate Degree</b>				
Radiation Therapist	275	262	13	↑
Respiratory Therapist	4,325	4,152	173	↑
Dental Hygienists	5,649	5,342	307	↑
Cardiovascular Technologists and Technicians	1,141	1,041	100	↑
Diagnostic Medical Sonographers	1,186	1,021	165	↑
<b>Requires a Postsecondary Non-Degree Award</b>				
Emergency Medical Technicians and Paramedics	4,198	3,676	522	↑
Psychiatric Technicians	1,853	1,758	95	↑
Surgical Technologists	2,799	2,477	322	↑
Licensed Practical and Licensed Vocational Nurses	21,252	16,845	2,874	↑
Medical Records and Health Information Technicians	4,792	4,301	491	↑
<b>On-The-Job Training, No College Required</b>				
Home Health Aides	17,866	8,720	9,146	↑
Occupational Therapy Aides	233	135	98	↑





# Review labor market information

PROJECTED REGIONAL JOB OPENINGS		
	Projected 5 Year Openings (2013-2018)	Projected Average Annual Openings (2013-2018)
<b>Requires Bachelor's Degree or Higher</b>		
Dietitians and Nutritionists	448	90
Physician Assistants	712	142
Athletic Trainers	99	20
<b>Requires Associate Degree</b>		
Respiratory Therapist	569	119
Dental Hygienists	1,397	279
Cardiovascular Technologists and Technicians	249	50
Diagnostic Medical Sonographers	363	73
<b>Requires a Postsecondary Non-Degree Award</b>		
Emergency Medical Technicians and Paramedics	1,603	321
Psychiatric Technicians	111	22
Surgical Technologists	525	105
Licensed Practical and Licensed Vocational Nurses	5,969	1,194
Medical Records and Health Information Technicians	1,250	250
<b>On-The-Job Training, No College Required</b>		
Home Health Aides	10,373	2,075
Occupational Therapy Aides	75	15



# Review labor market information

<b>MEDIAN REGIONAL ANNUAL SALARY</b>		
	Entry Level Salary	Median Salary
<b>Requires Bachelor's Degree or Higher</b>		
Dietitians and Nutritionists	\$51,584	\$70,096
Physician Assistants	\$37,024	\$94,432
Athletic Trainers	\$30,160	\$51,168
<b>Requires Associate Degree</b>		
Respiratory Therapist	\$55,536	\$89,648
Dental Hygienists	\$71,552	\$105,456
Cardiovascular Technologists and Technicians	\$36,400	\$63,440
Diagnostic Medical Sonographers	\$55,120	\$81,536
<b>Requires a Postsecondary Non-Degree Award</b>		
Emergency Medical Technicians and Paramedics	\$19,136	\$25,792
Psychiatric Technicians	\$30,368	\$52,416
Surgical Technologists	\$39,104	\$54,496
Licensed Practical and Licensed Vocational Nurses	\$35,152	\$51,168
Medical Records and Health Information Technicians	\$25,376	\$38,064
<b>On-The-Job Training, No College Required</b>		
Home Health Aides	\$19,136	\$24,128
Occupational Therapy Aides	\$23,712	\$30,160



# Disaggregate and compare outcomes

Program Size	Student Characteristics	Milestones	Success	Employment	Regional Labor Market Information								
				Selected Year	Trend								
<input type="checkbox"/> Employed in the second quarter after exit				60 %	<table border="1"> <tr><th>Year</th><th>Percentage</th></tr> <tr><td>2009-2010</td><td>55%</td></tr> <tr><td>2010-2011</td><td>60%</td></tr> <tr><td>2011-2012</td><td>60%</td></tr> </table>	Year	Percentage	2009-2010	55%	2010-2011	60%	2011-2012	60%
Year	Percentage												
2009-2010	55%												
2010-2011	60%												
2011-2012	60%												
Gender				Students	Trend								
Female				59 %	<table border="1"> <tr><th>Year</th><th>Percentage</th></tr> <tr><td>2009-2010</td><td>52%</td></tr> <tr><td>2010-2011</td><td>59%</td></tr> <tr><td>2011-2012</td><td>59%</td></tr> </table>	Year	Percentage	2009-2010	52%	2010-2011	59%	2011-2012	59%
Year	Percentage												
2009-2010	52%												
2010-2011	59%												
2011-2012	59%												
Male				62 %	<table border="1"> <tr><th>Year</th><th>Percentage</th></tr> <tr><td>2009-2010</td><td>55%</td></tr> <tr><td>2010-2011</td><td>62%</td></tr> <tr><td>2011-2012</td><td>62%</td></tr> </table>	Year	Percentage	2009-2010	55%	2010-2011	62%	2011-2012	62%
Year	Percentage												
2009-2010	55%												
2010-2011	62%												
2011-2012	62%												
Unknown				57 %	<table border="1"> <tr><th>Year</th><th>Percentage</th></tr> <tr><td>2009-2010</td><td>50%</td></tr> <tr><td>2010-2011</td><td>57%</td></tr> <tr><td>2011-2012</td><td>56%</td></tr> </table>	Year	Percentage	2009-2010	50%	2010-2011	57%	2011-2012	56%
Year	Percentage												
2009-2010	50%												
2010-2011	57%												
2011-2012	56%												



# Disaggregate and compare outcomes

- Gender
- Race/ethnicity
- Special needs populations:
  - Foster youth, veterans, disabled students, first-generation, ever received financial aid, ever took a basic skills course
- First-time status:
  - First-time, returning
- Full-time status:
  - Full-time, part-time
- Employment outcomes:
  - Skills-builders, locally-issued certificate recipients, Chancellor's Office approved certificate recipients, degree recipients
- Regional comparison view:
  - By college for milestones, success, and employment metrics
- State comparison view:
  - College or region compared to statewide median outcomes



# Share results

Print or export graphs and tables in multiple formats:

- PDF
- PNG
- JPG
- SVG Vector
- Excel



# Next steps

## October-December 2015:

- Finish building Program Snapshot interface and validating data
- Apply new design to Common Metrics

## January-May 2016:

- Publicity campaign, in partnership with statewide organizations
- Presentations at statewide and regional meetings
- Webinars
- Videos
- Usage guides