Proposed Goals for the California Community College System (System Goals)

Consultation Council
February 20, 2014

Main Goals of the CCC System
Six metrics conceptualized around four areas:
• Student success
• Equity
• Student Services
• Efficiency
Aligned with SSTF recommendations and subsequent legislation.

The Six Metrics

Student success
→ 1. Scorecard success rates
   2. AA/AS Transfer Degrees
Equity → 3. Completion rate among subgroups
Service → 4. Percent with Education plan
Efficiency → 5. Average FTES spent per student
   6. FTES spent per Scorecard outcome
Student Success: Scorecard Rates

Metrics: Scorecard success rates
- Completion Rate (Completion)
- Persistence Rate (Momentum/Milestone)
- 30-units Rate (Momentum/Milestone)
- Math & English Remedial Rates
- CTE (Career Technical Education) Completion Rate

Definition of Scorecard Success Rates

Completion Rate:
Percentage of degree and/or transfer-seeking students tracked for six years, who completed a degree, certificate or transfer-related outcomes

Persistence Rate:
Outcome is to be enrolled in the first three consecutive terms, completed a degree/certificate, or transferred

30-units Rate:
Outcome is to have attained at least 30 units

Math/English Remedial Rate:
Percentage of credit students tracked for six years, who started below transfer level in English and/or mathematics, and completed a college-level course in the same discipline.
Definition of Scorecard Success Rates

CTE Completion Rate:
Percentage of students tracked for six years who completed several courses classified as career technical education (or vocational) in a single discipline and completed a degree, certificate or transferred.

Goal for Scorecard Success Rates

To increase the rates in each new cohort by one percent annually

Data on Scorecard Success Rates

![Graph showing data on Scorecard Success Rates]
Data on Math/English Remedial Rates and CTE Success Rate

![Graph showing data on remedial rates and CTE success rate.]

Student Success: Transfer Degrees

Metric Definition:
The number of students who earned an Associate Degree for Transfer in each academic year.

Goal for Transfer Degrees

To increase the number of students earning a transfer degree by five percent annually for five years.
Data on Annual Volume of Transfer Degree

<table>
<thead>
<tr>
<th>Degree</th>
<th>2011/12</th>
<th>2012/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Science for Transfer (A.S.-T) Degree</td>
<td>72</td>
<td>1,740</td>
</tr>
<tr>
<td>Associate in Arts for Transfer (A.A.-T) Degree</td>
<td>730</td>
<td>3,613</td>
</tr>
</tbody>
</table>

Source: CCCCO Data Mart

Equity: Completion Rates among Race/Ethnicity Subgroups

Metric Definition:

\[
\text{Completion rate of a subgroup} \times \frac{100}{\text{Completion rate of the system}}
\]

- 100 means that the rate for the subgroup is identical to the system

How to Determine Equity

Three Steps:

1. Calculate the completion rate for each race/ethnic subgroup.
2. Divide the subgroup’s completion rate by the system’s, then multiply it by 100.
3. If the calculated metric is under 100 then the subgroup is determined as underperforming (compared to the system), therefore, the target is applied to the subgroup.
Step by Step Calculation

Example. 2006/07 cohort

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Cohort Size</th>
<th>Number Attained</th>
<th>Completion Rate</th>
<th>Equity Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>12,923</td>
<td>5,044</td>
<td>39.0%</td>
<td>79.3</td>
</tr>
<tr>
<td>American Indian</td>
<td>1,565</td>
<td>603</td>
<td>38.5%</td>
<td>78.1</td>
</tr>
<tr>
<td>Asian</td>
<td>28,800</td>
<td>18,035</td>
<td>62.6%</td>
<td>127.2</td>
</tr>
<tr>
<td>Hispanic</td>
<td>56,703</td>
<td>22,425</td>
<td>39.5%</td>
<td>80.1</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>1,688</td>
<td>690</td>
<td>40.9%</td>
<td>83.3</td>
</tr>
<tr>
<td>White</td>
<td>60,523</td>
<td>32,386</td>
<td>53.5%</td>
<td>108.7</td>
</tr>
</tbody>
</table>

Total 177,462 87,267 49.2%

Goal for Equity Measure

To increase underperforming subgroups’ ratios in each academic year by at least one percent annually.

Data on Equity Metric

* Displaying only underperforming subgroups
- Hispanics
- African American
- American Indian
- Pacific Islander
Service: Percent of Students with Education Plan

Metric Definition:
- Percentage of credit students who have an education plan, excluding those who are exempt from having one
- Records of students who enrolled for in each fall term are checked for an education plan at the end of the academic year

Goal for Education Plan

To increase the percentage of students who have an education plan in each fall term by three percent annually

Data on Education Plan

** Based on current data – New data element will replace the current, starting Summer 2014

![Graph showing percentage with Education Plan from 2008 to 2012]

- 2008: 19.8
- 2009: 20.5
- 2010: 21.3
- 2011: 25.1
- 2012: Expected increase to 25.1
Efficiency: Average FTES Spent Per Student

Metric Definition:
Average FTES spent among credit students enrolled in each Fall term

Goal for Average FTES Spent Per Student
To increase the average FTES per student in each Fall term

Data on Average FTES Spent Per Student

- Average FTES in Fall term

<table>
<thead>
<tr>
<th>Year</th>
<th>Average FTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>0.310</td>
</tr>
<tr>
<td>2010</td>
<td>0.322</td>
</tr>
<tr>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td></td>
</tr>
</tbody>
</table>
Efficiency: FTES Spent Per Scorecard Success Outcome

Metric Definition:
Number of FTES spent to obtain a “high order outcome” by the cohort starting the first-time, followed for six years.

* Cohort and outcomes included in the calculation are same as for the Scorecard completion rate.

Formula

For each cohort:
Total FTES generated by the cohort during the 6-year period

Total number of outcomes attained by the cohort during the 6-year period

FTES and the number of outcomes attained each year following enrollment
*1,000 first-time students enrolled in 06/07
Cumulative FTES and Outcomes Over 6 Years

* 06/07 cohort

We can monitor progress each year, comparing cohorts

Goal for FTES Spent Per Scorecard Success Outcome

To achieve 3.0 FTES per outcome within five years and maintain a stable rate or to decrease rate in each new cohort
Data on FTES Spent Per Scorecard Success Outcome

* Only cohorts with complete (6 years worth) data are displayed

Data on FTES Spent Per Scorecard Success Outcome

* Only cohorts with incomplete (3~5 years worth) data are displayed