Presentation to Board of Trustees by Institutional Researchers:

- Dr. Carolyn Arnold, Chabot College
- Mr. Rajinder Samra, M.S., Las Positas College
Student Success Scorecard 2017

- State Chancellor’s Office seven measures of success
  - Completion (earn certificate, degree, or transfer)
  - Persistence: enrolled in first 3 consecutive terms
  - Earn 30 units
  - Progress in English/ESL/Math: basic skills to college level
  - Completion by students in Career & Technical Ed programs
  - Skills Builders: change in earnings from CTE coursework
  - Complete transfer-level English and Math in 1 or 2 years

- Previous presentations have focused on first three
  - Tracks student success over 6 years (this year from 2010-11)
Transfer-Level Achievement Rates

- Transfer achievement in English and Math
  - Percent of students who complete transfer-level English or Math
    - Attempt any math or English in first year
    - Complete transfer level math or English by second year
  - This data more recent: tracks students for 2 years, not 6 years (2014-2015)

- Chabot: Math achievement rates in 2 years
- Las Positas: English achievement rates in 2 years
Chabot College
Math Transfer-Level Achievement Rates in 2 years

<table>
<thead>
<tr>
<th>Year</th>
<th>All Students</th>
<th>African American</th>
<th>Latino</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-11</td>
<td>25%</td>
<td>4%</td>
<td>16%</td>
</tr>
<tr>
<td>2011-12</td>
<td>23%</td>
<td>6%</td>
<td>13%</td>
</tr>
<tr>
<td>2012-13</td>
<td>28%</td>
<td>10%</td>
<td>21%</td>
</tr>
<tr>
<td>2013-14</td>
<td>28%</td>
<td>14%</td>
<td>15%</td>
</tr>
<tr>
<td>2014-15</td>
<td>31%</td>
<td>17%</td>
<td>20%</td>
</tr>
</tbody>
</table>
Student Success Scorecard
2017
Las Positas College Data
Las Positas College
English Transfer-Level Achievement Rates in 2 years
Student Success Scorecard 2017

Can be found at:

http://scorecard.cccco.edu/scorecard.aspx
Institutional Effectiveness 2017 Indicators

- A high-level view of colleges using common data
- Indicators include past trends and future goals
- **For Districts:** Nine indicators; four required
- **For Colleges:** Twenty-four indicators; three required
  - One of the required is free choice of any
  - We are presenting on our free choice option
Institutional Effectiveness Indicators 2017

Chabot College Data
CHABOT COLLEGE: Completion Rates after Six Years
Students Starting in Basic Skills English or Math, by Cohort

1-Year Goal
6-Year Goal

<table>
<thead>
<tr>
<th>Year</th>
<th>1-Year Goal</th>
<th>6-Year Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-07</td>
<td>44%</td>
<td>44%</td>
</tr>
<tr>
<td>2007-08</td>
<td>44%</td>
<td>44%</td>
</tr>
<tr>
<td>2008-09</td>
<td>43%</td>
<td>43%</td>
</tr>
<tr>
<td>2009-10</td>
<td>43%</td>
<td>43%</td>
</tr>
<tr>
<td>2010-11</td>
<td>41%</td>
<td>43%</td>
</tr>
<tr>
<td>2017-18</td>
<td>43%</td>
<td>44%</td>
</tr>
<tr>
<td>2022-23</td>
<td>44%</td>
<td>6-Year Goal</td>
</tr>
</tbody>
</table>
CHABOT COLLEGE: Completion Rates after Six Years by Race-Ethnicity: 2010-11 Cohort

- All students: 41%
- African American: 26%
- Asian: 62%
- Filipino: 41%
- Latino: 37%
- White: 39%
LAS POSITAS COLLEGE:
Fall-to-Fall Persistence Rates of New Students

<table>
<thead>
<tr>
<th>Year</th>
<th>1-Year Goal</th>
<th>6-Year Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>F11-to-F12</td>
<td>65%</td>
<td></td>
</tr>
<tr>
<td>F12-to-F13</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<td>F13-to-F14</td>
<td>65%</td>
<td></td>
</tr>
<tr>
<td>F14-to-F15</td>
<td>62%</td>
<td></td>
</tr>
<tr>
<td>F15-to-F16</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<td>F17-to-F18</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<td>F22-to-F23</td>
<td>68%</td>
<td>1-Year Goal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6-Year Goal</td>
</tr>
</tbody>
</table>
LAS POSITAS COLLEGE: Fall-to-Fall Persistence Rates of New Students By Race-Ethnicity: Fall 2015 to Fall 2016

100%

80%

67%  47%  81%  74%  63%  68%  70%

Overall  African Am.  Asian  Filipino  Latino  White  Multi-Ethnic

0%  20%  40%  60%  80%
Institutional Effectiveness Indicators 2017

Can be found at:

https://misweb.cccco.edu/ie/DistrictRates.aspx
Multiple Measures

• Multiple measures are any non-test measures to determine readiness for a course
• CCC’s are required to have measures besides a test
  • Thus the term, multiple measures!
• Each college conducted pilots on multiple measures
  • Gave more weight to multiple measures
  • Based on state-wide or national research
• Chabot: Math multiple measures from HS transcripts
• Las Positas: English multiple measures using HS GPA
Multiple Measures for Math Assessment

Chabot College
Chabot College

Multiple Measures in Math

- Statewide group: formula for placement in Math based on:
  - Last Math class
  - Grade in last Math class
  - HS GPA

- Local high schools wanted better Math placement
  - Four of our HS districts sent us their HS transcripts to use

- Applied formula to local HS transcripts
  - **Placements:** higher of HS Transcripts & Test Results
CHABOT COLLEGE: Math Assessment Recommendations

Highest of HS Transcript or Test Results: Fall 2017

- **Transfer Math**: 53% (Test + HS Transcripts), 22% (Test only)
- **Intermed Algebra**: 19% (Test + HS Transcripts), 17% (Test only)
- **Elem Algebra**: 21% (Test + HS Transcripts), 30% (Test only)
- **Pre-Algebra**: 7% (Test + HS Transcripts), 30% (Test only)
Chabot College
Multiple Measures

Can be found at:

www.chabotcollege.edu/ir/demographics.asp#Assessment_into_English_and_Math_courses
Multiple measures criteria for placing students into transfer-level English:

- Graduated from an American high school within ten years
- High School GPA of 2.50 or above
LAS POSITAS COLLEGE: English Assessment Recommendations
Students who Assessed into Transfer-Level English: 2015-16 vs 2016-17

- 2015-16: 35% (N = 2,454)
- 2016-17: 73% (N = 2,397)
LAS POSITAS COLLEGE: English Assessment Recommendations
Students who Assessed into Transfer-Level English by Race-Ethnicity

- African American: 19% (2015-16), 19% (2016-17)
- Asian American: 41% (2015-16), 30% (2016-17)
- Filipino: 67% (2015-16), 70% (2016-17)
- Latino: 30% (2015-16), 23% (2016-17)
- White: 79% (2015-16), 77% (2016-17)
- Multi-Ethnic: 49% (2015-16), 34% (2016-17)
LAS POSITAS COLLEGE: English Assessment Recommendations
Overall Course Success Rates in English 1A

<table>
<thead>
<tr>
<th>Year</th>
<th>Success Rate</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-13</td>
<td>75%</td>
<td>1,593</td>
</tr>
<tr>
<td>2013-14</td>
<td>76%</td>
<td>1,540</td>
</tr>
<tr>
<td>2014-15</td>
<td>73%</td>
<td>1,601</td>
</tr>
<tr>
<td>2015-16</td>
<td>74%</td>
<td>1,714</td>
</tr>
<tr>
<td>2016-17</td>
<td>74%</td>
<td>2,107</td>
</tr>
</tbody>
</table>
Las Positas College
Multiple Measures

Can be found at:

https://goo.gl/fRBdLF