



ARCC 2011

2009/10 Reporting Period

November 2011



Office of Institutional Research and Planning

Accountability Reporting for Community Colleges

A R C C

Background

- Established in 2004 as Assembly Bill AB 1417 (Pacheco)
- Framework for an annual evaluation of California community colleges
- Measurable performance indicators developed by the Chancellor's Office in consultation with researchers
- 2011 represents the sixth formal year of reporting ARCC indicators

ARCC Indicators

1. Student Progress and Achievement Rate: Degree, Certificate or Transfer
2. Percent of Students Who Attempted a Degree/Certificate/Transfer Course and Earned at Least 30 Units
3. Annual Persistence Rate (Fall to Fall)
4. Annual Successful Course Completion Rate for Credit Vocational Courses
5. Annual Successful Course Completion Rate for Credit Basic Skills Courses
6. Improvement Rates for Credit ESL and Basic Skills Courses
7. Career Development and College Preparation (CDCP) Progress and Achievement Rate

Benchmarking

- For each ARCC indicator three cohort years are displayed to show college-level trends.
- Two groups may be used as benchmarks to further assess college-level performance.
 - Peer group average rates – reports performance within the context of comparable colleges in terms of several factors.
 - Statewide rates – reports how the entire system has performed.

Peer Groups

- Groupings of colleges through a statistical process called *cluster analysis* which groups factors that have proven *to* affect or predict the outcome.
- Some of the factors used include:
 - Student demographics
 - Proximity to a university
 - Economic Service Area Index of household income
 - Average unit load
 - Percentage of adult males in the student population
 - Percent of student population receiving financial aid
 - Number of English-as-a-second language speakers

Summary of Outcomes

1. Cohort trend comparisons indicated that all three credit colleges have remained steady or shown positive gains on two indicators: the annual persistence rate and the annual successful course completion rate for credit vocational courses.
2. Statewide average comparisons indicated that the three credit colleges performed strongly above average on the Student Progress and Achievement Rate (SPAR), but below the statewide average on the improvement rate for credit basic skills courses.
3. Peer group comparisons indicated that the credit colleges performed above their peer groups on the Student Progress and Achievement Rate (SPAR), but below their peer groups on annual persistence, credit ESL improvement, and improvement for basic skills courses.
4. The non-credit CDCP performance rate has increased slightly since the previous cohort, but remained comparable to similar non-credit colleges.

Summary of Responses

1. City College recognized its challenges toward improving student outcome measures and has implemented several initiatives to foster student success.
2. Mesa College has committed to improving performance on ARCC indicators relative to peer-group colleges, and has undertaken initiatives to improve the success of first-time student such as Student Success Day and Freshman Year Experience.
3. Miramar College has implemented strategies recommended by the Basic Skills Committee in an effort to improve student outcomes.
4. Districtwide, the colleges addressed efforts toward increasing student achievement by initiating an online graduation petition to allow students easier access to the graduation process and encourage degree completion.
5. Continuing Education redoubled efforts and collaborations across the District to migrate non-credit students to credit programs. They also increased the number of certificates awarded by 18% from last year.

Indicator #1

Student Progress and Achievement Rate:
Degree, Certificate, or Transfer
(SPAR)

Student Progress and Achievement Rates Degree/Certificate/Transfer

| | 2002-03 to 2007-08 | 2003-04 to 2008-09 | 2004-05 to 2009-10 |
|-----------------|-----------------------|-----------------------|-----------------------|
| City College | 51.3% | 53.2% | 59.0% |
| Mesa College | 64.9% | 60.7% | 65.2% |
| Miramar College | 60.0% | 58.4% | 58.7% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 56.8%

Mesa College Peer Group: 60.7%

Miramar College Peer Group: 56.8%

2009-10 Statewide Three-Year Average Rate: 53.6%

Student Progress and Achievement Rates Degree/Certificate/Transfer

1. City College showed improvement in the Student Progress and Achievement Rate (SPAR) from previous cohorts and was above the peer-group average by 2.2%.
2. Mesa College showed gains in the Student Progress and Achievement Rate (SPAR) from previous cohorts and was above the peer-group average on this indicator.
3. Miramar College showed a decline in Student Progress and Achievement Rate (SPAR) from previous cohorts, however, remained above the peer-group average on this indicator.

Indicator #2

Percent of Students Who Attempted a Degree/Certificate/Transfer Course and Who Earned at Least 30 Units

Percent of Students Who Showed Intent to Complete and Earned at Least 30 Units

| | 2002-03 to 2007-08 | 2003-04 to 2008-09 | 2004-05 to 2009-10 |
|-----------------|-----------------------|-----------------------|-----------------------|
| City College | 64.0% | 65.2% | 61.7% |
| Mesa College | 68.4% | 71.2% | 69.6% |
| Miramar College | 73.9% | 71.6% | 76.3% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 70.2%

Mesa College Peer Group: 72.4%

Miramar College Peer Group: 70.2%

2009-10 Statewide Three-Year Average Rate: 72.8%

Percent of Students Who Showed Intent to Complete and Earned at Least 30 Units

1. At City College, the percent of students who showed intent to complete and earned at least 30 units decreased somewhat from the initial cohort and fell below the peer-group average on this indicator.
2. Mesa College showed gains in the percent of students who showed intent to complete and earned at least 30 units, however, fell below the peer-group average on this indicator.
3. Miramar College showed gains in the percent of students who showed intent to complete and earned at least 30 units and was above the peer-group average on this indicator.

Indicator #3

Annual Persistence Rate

Annual Persistence Rates

| | Fall 2006 to Fall 2007 | Fall 2007 to Fall 2008 | Fall 2008 to Fall 2009 |
|-----------------|---------------------------|---------------------------|---------------------------|
| City College | 54.3% | 50.5% | 56.2% |
| Mesa College | 66.3% | 64.4% | 68.2% |
| Miramar College | 68.6% | 63.0% | 68.6% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 70.8%

Mesa College Peer Group: 70.8%

Miramar College Peer Group: 69.2%

2009-10 Statewide Three Year Average Rate: 67.6%

Annual Persistence Rate

1. City College showed improvements in the annual persistence rate, but fell below the peer-group average on this indicator.
2. Mesa College made positive gains in the annual persistence rate, however, fell below the peer-group average on this indicator.
3. Miramar College remained stable on the annual persistence rate indicator compared to the initial cohort, however, fell below the peer-group average on this indicator.

Indicator #4

Annual Successful Course Completion Rate for
Credit Vocational Courses

Successful Course Completion Rates for Credit Vocational Courses

| | 2007-08 | 2008-09 | 2009-10 |
|-----------------|---------|---------|---------|
| City College | 70.6% | 71.6% | 72.1% |
| Mesa College | 68.7% | 71.1% | 71.2% |
| Miramar College | 82.7% | 83.1% | 82.0% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 73.8%

Mesa College Peer Group: 73.8%

Miramar College Peer Group: 75.7%

2009-10 Statewide Three-Year Average Rate: 77.0%

Successful Course Completion Rates for Credit Vocational Courses

1. City College showed gains in successful course completion rates for credit vocational courses, however, fell below the peer-group average on this indicator.
2. Mesa College showed improvement in the successful course completion rates for credit vocational courses, however, fell below the peer-group average on this indicator.
3. Miramar College remained relatively stable on the successful course completion rates for credit vocational courses and performed above the peer group average on this indicator.

Indicator #5

Annual Successful Course Completion Rate for
Credit Basic Skills Courses

Successful Course Completion Rates for Credit Basic Skills Courses

| | 2007-08 | 2008-09 | 2009-10 |
|-----------------|---------|---------|---------|
| City College | 54.6% | 54.5% | 56.4% |
| Mesa College | 61.8% | 62.1% | 59.0% |
| Miramar College | 60.7% | 62.9% | 63.0% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 59.9%

Mesa College Peer Group: 64.4%

Miramar College Peer Group: 63.0%

2009-10 Statewide Three-Year Average Rate: 61.4%

Successful Course Completion Rates for Credit Basic Skills Courses

1. At City College, the successful course completion rate for credit basic skills courses showed improvement compared to the initial cohort, however, fell below the peer-group average on this indicator.
2. Mesa College showed declines in the successful course completion rate for credit basic skills courses and performed below the peer-group average on this indicator.
3. Miramar College showed gains in the successful course completion rate for credit basic skills courses and performed at the peer-group average on this indicator.

Indicator #6

Improvement Rates for Credit ESL and Basic Skills Courses

Improvement Rates for Credit ESL Courses

| | 2005-06 to 2007-08 | 2006-07 to 2008-09 | 2007-08 to 2009-10 |
|-----------------|-----------------------|-----------------------|-----------------------|
| City College | 45.2% | 50.0% | 53.0% |
| Mesa College | 52.9% | 54.1% | 56.0% |
| Miramar College | 50.1% | 39.9% | 48.1% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 58.7%

Mesa College Peer Group: 58.7%

Miramar College Peer Group: 49.4%

2009-10 Statewide Three-Year Average Rate: 54.6%

Improvement Rates for Credit ESL Courses

1. City College showed gains in the improvement rate for credit ESL courses, but fell below the peer-group average on this indicator.
2. Mesa College showed gains in the improvement rate for credit ESL courses, but fell below the peer-group average on this indicator.
3. Miramar College showed declines in the improvement rate for credit ESL courses and performed below the peer-group average on this indicator.

Improvement Rates for Credit Basic Skills Courses

| | 2005-06 to 2007-08 | 2006-07 to 2008-09 | 2007-08 to 2009-10 |
|-----------------|-----------------------|-----------------------|-----------------------|
| City College | 31.9% | 32.2% | 39.8% |
| Mesa College | 33.3% | 41.5% | 43.6% |
| Miramar College | 38.9% | 35.3% | 37.8% |

2009-10 Peer Group Three-Year Average Rates

City College Peer Group: 52.5%

Mesa College Peer Group: 52.5%

Miramar College Peer Group: 52.5%

2009-10 Statewide Three-Year Average Rate: 58.6%

Improvement Rates for Credit Basic Skills Courses

1. City College showed gains in the improvement rate for credit basic skills courses, but fell below the peer-group average on this indicator.
2. Mesa College showed gains in the improvement rate for credit basic skills courses, but performed below the peer-group average on this indicator.
3. Miramar College showed declines in the improvement rate for credit basic skills courses, and performed below the peer-group average on this indicator.

Indicator #7

Career Development and College Preparation (CDCP) Progress and
Achievement Rate

CDCP ARCC Indicator

- **CDCP courses** = career development & college prep courses
 - Career Development – CTE, Voc-Ed
 - College Prep – Basic Skills, Transfer, Awards
- **CDCP Percentage** = first-time non-credit students who completed 8+ CDCP attendance hours and subsequently achieved any of the following outcomes within 3 years:
 - Successfully completed a degree-applicable credit course
 - Earned a CDCP certificate*
 - Achieved “Transfer Directed” or “Transfer Prepared” status
 - Earned an AA, AS, and/or credit certificate
 - Transferred to a 4-year institution
- DOF and LAO expect rates to be low, the key is improvement.

*2011 ARCC report does not include CDCP certificates. Future reports will include these data.

Career Development and College Preparation Progress and Achievement Rates

| | 2005-06 to 2007-08 | 2006-07 to 2008-09 | 2007-08 to 2009-10 |
|----------------------|-----------------------|-----------------------|-----------------------|
| Continuing Education | 5.4% | 4.5% | 5.3% |

2009-10 CDCP Rates for Other Non-Credit Institutions

Rancho Santiago: 0.9%
North Orange County: 7.1%
Santa Barbara: 1.5%
San Francisco: 7.5%

Career Development and College Preparation Progress and Achievement Rates

1. Continuing Education had a Career Development and College Preparation (CDCP) Progress and Achievement Rate that remained relatively stable from the initial cohort to the more recent cohort, and is similar to other non-credit institutions.

Strategies for Continued Improvement

Strategies Being Used for Improving Student Outcomes

1. Use of information from Program Review and SLO assessments to improve programs and services.
2. On-line tutoring, supplemental instruction and instructional assistants for Basic Skills math, English and ESOL courses.
3. First Year Experience program and other Learning Communities (i.e., Puente, New Horizons, TRIO, and Umoja)
4. Academic Success Center (one-stop academic support center)
5. Professional staff development on best practices in student retention and basic skills instruction.
6. Making certificates more attainable by breaking required non-credit hours into modular classes with reasonable hour blocks.
7. New curriculum, re-aligned curriculum, and strategic initiatives (Transfer Academy, CE Days) to move students from non-credit to credit classes.

IRRP

<http://research.sdccd.edu/pages/1.asp>