ARCC 2009
2007/08 Reporting Period

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Accountability Reporting for Community College

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

- 2009 represents the fourth formal year of reporting ARCC indicators

ARCC Indicators

1. Student Progress and Achievement Rate: Degree, Certificate or Transfer

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

3. Annual Persistence Rate

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. CDCP Progress and Achievement Rate

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

Indicator #1

STUDENT PROGRESS AND ACHIEVEMENT RATE: DEGREE, CERTIFICATE, OR TRANSFER

(SPAR)

Student Progress and Achievement Rate
Degree/Certificate/Transfer

	2000-01 to 2005-06	2001-02 to 2006-07	2002-03 to 2007-08
City College	57.8%	55.8%	48.8%
Mesa College	59.9%	58.5%	62.3%
Miramar College	55.6%	54.3%	58.9%

2007-08 Peer Group Averages
City College: 55.4%
Mesa College: 58.8%
Miramar College: 55.4%

Indicator #2

PERCENT OF STUDENTS WHO SHOWED INTENT TO COMPLETE AND
WHO EARNED AT LEAST 30 UNITS

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

	2000-01 to 2005-06	2001-02 to 2006-07	2002-03 to 2007-08
City College	62.4%	61.5%	62.0%
Mesa College	63.9%	67.1%	67.0%
Miramar College	67.5%	67.6%	72.3%

2007-08 Peer Group Averages
City College: 67.0%
Mesa College: 71.1%
Miramar College: 67.0%

Indicator #3

ANNUAL PERSISTENCE RATE

Annual Persistence Rate

	Fall 2004 to Fall 2005	Fall 2005 to Fall 2006	Fall 2006 to Fall 2007
City College	54.9%	54.3%	53.8%
Mesa College	69.3%	62.6%	65.5%
Miramar College	68.3%	61.8%	67.4%

2007-08 Peer Group Averages
City College: 69.3%
Mesa College: 69.3%
Miramar College: 67.6%

Indicator #4

ANNUAL SUCCESSFUL COURSE COMPLETION RATE FOR CREDIT VOCATIONAL COURSES

Successful Course Completion Rate for Credit Vocational Courses

	2005-2006	2006-2007	2007-2008
City College	70.8%	71.7%	70.6%
Mesa College	69.3%	69.8%	68.7%
Miramar College	82.8%	81.5%	82.7%

2007-08 Peer Group Averages
City College: 74.5%
Mesa College: 74.5%
Miramar College: 75.7%

Indicator #5

ANNUAL SUCCESSFUL COURSE COMPLETION RATE FOR CREDIT BASIC SKILLS COURSES

Success Rate for Credit Basic Skills Courses

	2005-2006	2006-2007	2007-2008
City College	52.4%	52.9%	52.7%
Mesa College	67.7%	58.4%	59.4%
Miramar College	63.7%	66.1%	61.8%

2007-08 Peer Group Averages
City College: 59.5%
Mesa College: 63.7%
Miramar College: 62.1%

Indicator #6

IMPROVEMENT RATES FOR CREDIT ESL AND BASIC SKILLS COURSES

Improvement Rates for Credit ESL

	2003/04 to 2005/06	2004/05 to to 2006/07	2005/06 to 2007/08
City College	30.5%	29.7%	37.0%
Mesa College	35.2%	55.2%	57.3%
Miramar College	27.8%	29.0%	35.9%

2007-08 Peer Group Averages
City College: 58.4%
Mesa College: 58.4%
Miramar College: 41.3%

Improvement Rates for Credit Basic Skills Courses

	2003/04 to 2005/06	2004/05 to to 2006/07	2005/06 to 2007/08
City College	42.0%	39.6%	44.3%
Mesa College	46.2%	46.7%	43.1%
Miramar College	51.8%	51.0%	47.2%

2007-08 Peer Group Averages
City College: 48.3%
Mesa College: 48.3%
Miramar College: 48.3%

Indicator #7

CAREER DEVELOPMENT AND COLLEGE PREPARATION (CDCP) PROGRESS AND ACHIEVEMENT RATE

Career Development and College Preparation Progress and Achievement Rate

	2003/04 to 2005/06	2004/05 to 2006/07	2005-06 to 2007-08
Continuing Education	4.1 %	4.4 %	4.2 %

Data Exploration – 2009

Critical Reporting Differences

- IRP Report excluded remedial level English and Math courses (more than 2 courses below transfer), ARCC included them.

- IRP Report tracked student improvement within the SDCCD colleges only, ARCC tracked student improvement across the California community college system.

- IRP Report used the District's course sequence, ARCC used an approximation of the sequence.

- IRP Report excluded the Basic Skills sections offered at SDSU and UCSD, ARCC included them.

Improvement Rate Comparisons

Improvement Rates for Credit ESL ARCC Compared to IRP Report

	2003/04 to 2005/06		2004/05 to to 2006/07		2005/06 to 2007/08	
	ARCC	IRP	ARCC	IRP	ARCC	IRP
City College	30.5%	54.4%	29.7%	65.0%	37.0%	61.0%
Mesa College	35.2%	67.6%	55.2%	59.3%	57.3%	59.1%
Miramar College	27.8%	58.6%	29.0%	59.0%	35.9%	63.1%

Improvement Rates for Credit Basic Skills
ARCC Compared to IRP Report

	2003/04 to 2005/06		2004/05 to to 2006/07		2005/06 to 2007/08	
	ARCC	**IRP**	**ARCC**	**IRP**	**ARCC**	**IRP**
City College	42.0%	50.3%	39.6%	47.5%	44.3%	52.8%
Mesa College	46.2%	49.0%	46.7%	50.2%	43.1%	46.6%
Miramar College	51.8%	51.2%	51.0%	54.7%	47.2%	50.5%

Improvement Rates
By Ethnicity

Average Basic Skills English Improvement Rates by Ethnicity

	City	Mesa	Miramar
African American	49% (n=75)	49% (n=24)	49% (n=12)
American Indian	17% (n=2)	64% (n=5)	67% (n=1)
Asian-Pacific Islander	59% (n=33)	57% (n=108)	57% (n=47)
Filipino	58% (n=15)	57% (n=18)	65% (n=38)
Latino	60% (n=188)	52% (n=87)	47% (n=26)
White	52% (n=54)	58% (n=76)	52% (n=49)
Other	64% (n=28)	55% (n=13)	71% (n=7)
Unreported	64% (n=13)	55% (n=13)	41% (n=7)

"n" represents average number of students in cohort

Average Basic Skills Math Improvement Rates by Ethnicity

	City	Mesa	Miramar
African American	38% (n=153)	33% (n=80)	35% (n=27)
American Indian	59% (n=9)	47% (n=6)	28% (n=6)
Asian-Pacific Islander	56% (n=35)	53% (n=91)	60% (n=45)
Filipino	55% (n=20)	45% (n=41)	62% (n=44)
Latino	46% (n=333)	43% (n=179)	42% (n=67)
White	50% (n=172)	48% (n=290)	52% (n=131)
Other	50% (n=53)	51% (n=26)	48% (n=17)
Unreported	48% (n=46)	48% (n=58)	47% (n=26)

*"**n**" represents average number of students in cohort*

Average ESOL Improvement Rates by Ethnicity

	City	Mesa	Miramar
African American	60% (n=20)	60% (n=7)	43% (n=2)
American Indian	100% (n=0)	100% (n=1)	n/a (n=0)
Asian-Pacific Islander	70% (n=49)	62% (n=181)	61% (n=133)
Filipino	25% (n=1)	50% (n=3)	55% (n=10)
Latino	57% (n=136)	55% (n=63)	53% (n=31)
White	62% (n=22)	66% (n=36)	67% (n=73)
Other	57% (n=36)	73% (n=20)	48% (n=22)
Unreported	67% (n=3)	50% (n=5)	62% (n=4)

"n" represents average number of students in cohort

City, Mesa, Miramar Sample Strategies for Improving ARCC Indicators

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

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. Proactive awarding of degrees (students with 45+ units contacted to meet w/ counselor to begin application process for graduation)