

Los Medanos College
Program Review Data for
PHYSICAL EDUCATION

Prepared by the Office of Institutional Research

August 2006

Background

This report provides the department with three-year trends on indicators on the following areas:

- Enrollment
- Productivity
- Student Success

For Vocational Education programs, data on VTEA core indicators are provided.

I. Enrollment: This section provides a three-year trend on student enrollment by headcount as of first census. Because our demographic make up is rapidly changing, figures by ethnicity are also provided.

II. Productivity: In this section, three-year trends are provided for: FTEF/FTES, FTES, Part-time FTEF, full-time FTEF, and full-time Staff. For most measures, college figures are provided for comparison purposes.

III. Student Success. This section consists of: Retention Rates, Success rates, number of students with declared major who completed 18 units or more, and number of degrees and certificates awarded. In this section, statistics by ethnicity are also provided.

Note: ALL DATA is for the academic year (Fall and Spring only).

Definitions for each measure are provided in the footnotes.

Data Sources: The two main sources of information are: 1. DataTel and the Research Data Warehouse. Productivity figures were provided by the Business Office.

STATISTICS

HEADCOUNT ENROLLMENT (Unduplicated at Census): Student headcount in Physical Education decreased from 2049 in 2002-2003 to 1726 in 2004-2005, a decrease of 323 students in the last three years.

When examined by ethnicity, the proportion of African-American and Hispanic students increased by 5%; White students decreased by 6%. The ethnic composition of students in Physical Education has generally reflected the ethnic composition of the students in the institution in the last three years.

Headcount Enrollment: Physical Education

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	N=2049	N=12946	N=1762	N=11527	N=1726	N=12808	-323	-138
							-16%	-1%
Asian	5%	5%	5%	6%	5%	6%	0%	1%
African American (non-Hispanic)	13%	13%	16%	13%	18%	14%	5%	1%
Filipino	6%	6%	6%	6%	6%	6%	0%	0%
Hispanic	19%	21%	22%	23%	24%	24%	5%	3%
American Indian/Alaskan Native	1%	1%	1%	1%	1%	1%	0%	0%
Other Non-White	3%	3%	3%	3%	2%	2%	-1%	-1%
Pacific Islander	1%	1%	1%	1%	1%	1%	0%	0%
White non-Hispanic	47%	44%	42%	43%	41%	43%	-6%	-1%
Unknown	5%	7%	5%	5%	2%	3%	-3%	-4%
All Students	100%	100%	100%	100%	100%	100%	-	-

NOTE: Percentages may not add up to 100% due to rounding.

SEATCOUNT ENROLLMENT (Duplicated at Census): Seatcount enrollment in Physical Education decreased from 2836 in 2002-2003 to 2288 in 2004-2005, a decrease of 548 seats for the last three years. When examined by ethnicity, seatcount enrollment increased for African-American by 5% and for Hispanics by 7%. Seatcount decreased for Whites by 8%.

Seatcount Enrollment: Physical Education

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	N=2836	N=43127	N=2362	N=40792	N=2288	N=42549	-548	-578
							-19%	-1%
Asian	5%	5%	5%	6%	5%	6%	0%	1%
African American (non-Hispanic)	13%	14%	16%	14%	18%	15%	5%	1%
Filipino	6%	6%	6%	6%	6%	6%	0%	0%
Hispanic	19%	20%	22%	22%	26%	24%	7%	4%
American Indian/Alaskan Native	1%	1%	1%	1%	1%	1%	0%	0%
Other Non-White	3%	3%	3%	3%	2%	3%	-1%	0%
Pacific Islander	1%	1%	1%	1%	1%	1%	0%	0%
White non-Hispanic	48%	43%	41%	43%	40%	43%	-8%	0%
Unknown	5%	7%	5%	5%	2%	2%	-3%	-5%
All Students	100%	100%	100%	100%	100%	100%	-	-

NOTE: Percentages may not add up to 100% due to rounding.

PRODUCTIVITY: Productivity (FTES/FTEF) for LMC's Physical Education program decreased from 25.7 in 2002-2003, to 24.7 in 2004-2005, a decrease of 1.0. When compared to the sister colleges of the District, the productivity figure for LMC's Physical Education is relatively higher. Full-time FTEF for the program decreased from 3.21 in 2002-2003 to 2.36 in 2004-2005, a .85 decrease. No change in part-time and classified FTEF was observed in the last three years.

FTES/FTEF: Physical Education

	2002-2003	2003-2004	2004-2005	Change
Program	25.7	27.1	24.7	-1.0
CCC*	28.3	23.2	19.4	-8.9
DVC*	23.2	23.5	21.3	-1.9
State Average				

Productivity (FTES/FTEF) is defined as the average number of FTES earned per full-time equivalent instructor. FTES is defined as 525 student contact hours, based on a 15 hour weekly course load for 2 semester at 17.5 weeks per semester (15x2x17.5=525).
*Data obtained from COGNOS.

FTEF: Physical Education

	2002-2003	2003-2004	2004-2005	Change
FT FTEF	3.21	2.05	2.36	-.85
PT FTEF	2.64	2.78	2.64	0
Classified FTEF	.738	.738	.738	0

RETENTION RATES: Retention Rate for students in the Physical Education program has decreased from 86% in 2002-2003 to 82% in 2004-2005, a decreased of 4%. But, it has been relatively higher than the college average, except in 2004-2005 when it was the same at 82%. When examined retention rates by ethnicity, there was a decrease for African-Americans by 9%, Filipinos by 7% and Hispanics by 2%.

Retention Rates: Physical Education

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
		3,658	47,311	2,400	41,959	2,310	42,937	-1,348
Asian	85%	84%	86%	84%	84%	87%	-1%	3%
African American (non-Hispanic)	82%	73%	78%	73%	73%	72%	-9%	-1%
Filipino	90%	84%	89%	84%	83%	82%	-7%	-2%
Hispanic	89%	82%	87%	81%	87%	82%	-2%	0%
American Indian/Alaskan Native	78%	80%	91%	84%	64%	81%	-14%	1%
Other Non-White	85%	81%	89%	80%	74%	79%	-11%	-2%
Pacific Islander	76%	81%	100%	82%	83%	80%	7%	-1%
White Non-Hispanic	86%	84%	86%	85%	84%	84%	-2%	0%
Unknown	81%	84%	85%	81%	88%	83%	7%	-1%
All Students	86%	82%	85%	82%	82%	82%	-4%	0%
State Average		83%		83%		83%		

DEFINITION: Student is retained in the course to end of term. A, B, C, D, F, CR, NC, I grade notations.

MEASUREMENT: Percent of students retained in courses out of total enrolled in courses. The retention rate is calculated by dividing the numerator (number of students with A, B, C, D, F, CR, NC, I) by the denominator (number of students with A, B, C, D, F, CR, NC, W, I).

SUCCESS RATES: Success rate for the program has decreased from 80% in 2002-2003 to 74% in 2004-2005, a decrease of 6%. It is important to note that the success rate of the program has been higher than the college average for the last three years.

When examining success rate by ethnicity in the last three years, success rate for Asians has decreased by 2%, for African-Americans by 13%, for Filipinos by 5%, for Hispanics by 3%, and for Whites by 3%. Success rates for African-Americans are lower than those of other students in the program.

Success Rates: Physical Education

	2002-2003		2003-2004		2004-2005		3-Year Change	
	Program	College	Program	College	Program	College	Program	College
	3,658	47,311	2,400	41,959	2,310	42,937	-1,348	-4,374
Asian	82%	71%	79%	72%	80%	74%	-2%	3%
African American (non-Hispanic)	69%	51%	60%	51%	56%	50%	-13%	-1%
Filipino	84%	70%	84%	71%	79%	70%	-5%	0%
Hispanic	82%	65%	80%	66%	79%	66%	-3%	1%
American Indian/Alaskan Native	78%	69%	91%	70%	36%	64%	-42%	-5%
Other Non-White	82%	61%	78%	65%	67%	65%	-15%	4%
Pacific Islander	63%	63%	78%	61%	72%	61%	9%	-2%
White Non-Hispanic	81%	72%	81%	74%	78%	72%	-3%	0%
Unknown	76%	69%	80%	66%	88%	67%	12%	-2%
All Students	80%	67%	77%	68%	74%	67%	-6%	0%
State Average		67%		67%		67%		

DEFINITION: Student succeeds in the course to end of term. A, B, C, CR grade notations.

MEASUREMENT: Percent of students successful in courses out of total enrolled in courses. The success rate is calculated by dividing the numerator (number of students with A, B, C, CR) by the denominator (number of students with A, B, C, D, F, CR, NC, W, I).

NUMBER OF STUDENTS WITH DELCARED MAJOR WHO COMPLETED 18 UNTS OR MORE:

No major in Physical education is offered.

**Number of Students with Declared Major who Completed 18 Units or More:
Physical Education**

	2002-2003	2003-2004	2004-2005	3-Year Change
Asian				
African American (non-Hispanic)				
Filipino				
Hispanic				
American Indian/ Alaskan Native		No Major		
Other Non-White				
Pacific Islander				
White Non-Hispanic				
Unknown				
All Students				

NOTE: Percentages may not add up to 100% due to rounding.

NUMBER OF DEGREES AND CERTIFICATES:

Number of Degrees and Certificates: Physical Education

	2002-2003	2003-2004	2004-2005	3-Year Change
Degrees	n/a	n/a	n/a	n/a
Certificates	n/a	n/a	n/a	n/a