

LOS MEDANOS
COLLEGE



LOS MEDANOS COLLEGE

SELF EVALUATION REPORT

of Educational Quality and Institutional Effectiveness

IN SUPPORT OF

REAFFIRMATION OF ACCREDITATION

SUBMITTED BY:
Los Medanos College
2700 East Leland Road
Pittsburg, CA 94565



SUBMITTED TO:
**Accrediting Commission for
Community and Junior Colleges**
Western Association of
Schools and Colleges

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June 27, 2014

Certification of Institutional Self Evaluation Report

Date: June 27, 2014

To: Accrediting Commission for Community and Junior Colleges,
Western Association of Schools and Colleges

From: Los Medanos College
2700 East Leland Road
Pittsburg, CA 94565

This Institutional Self Evaluation Report is submitted to the ACCJC for the purpose of assisting in the determination of the institution's accreditation status.

I certify there was broad participation by the campus community, and I believe the Self Evaluation Report accurately reflects the nature and substance of this institution.

Signatures:



Dr. Helen Benjamin, Chancellor, Contra Costa Community College District



John E. Marquez, President, Governing Board



Bob Kratochvil, President, Los Medanos College



Silvester Henderson, President, LMC Academic Senate



Linda Kohler, President, LMC Classified Senate



Brianna Klipp, President, LMC Associated Students



Kiran Kamath, Accreditation Liaison Officer, Los Medanos College

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Introduction

History of
Los Medanos College

Major Developments Since
Last Self Evaluation Report

Student Enrollment Data
and Demographics

Environmental Scan
and Service Area
Demographics

Socio-Economic and
Labor Market Data
of Service Area



“As a member of the LMC Honors Program
**I was able to engage in intellectually
stimulating honors courses.** I had so many
supportive and inspiring professors who were always more
than happy to help me with any questions I had. This fall,
I will begin studies at UC Berkeley, and hope to earn my
bachelors degree in psychology.”

- Janis Hatchl

*Associate in Science for Transfer
in Psychology
Jack Kent Cooke Scholarship
Recipient*



Introduction

A. History of Los Medanos College

Los Medanos College was established in 1974 as the third and newest college of the Contra Costa Community College District. Established in 1948, the District is now comprised of: Contra Costa College in San Pablo; Diablo Valley College in Pleasant Hill and its Center in San Ramon; and Los Medanos College in Pittsburg, along with its Center in Brentwood. Contra Costa Community College District is headquartered in Martinez; it is the second oldest multi-college district and the eighth largest of the 72 districts in California. In fall 2013, the District enrolled 35,561 unduplicated students.

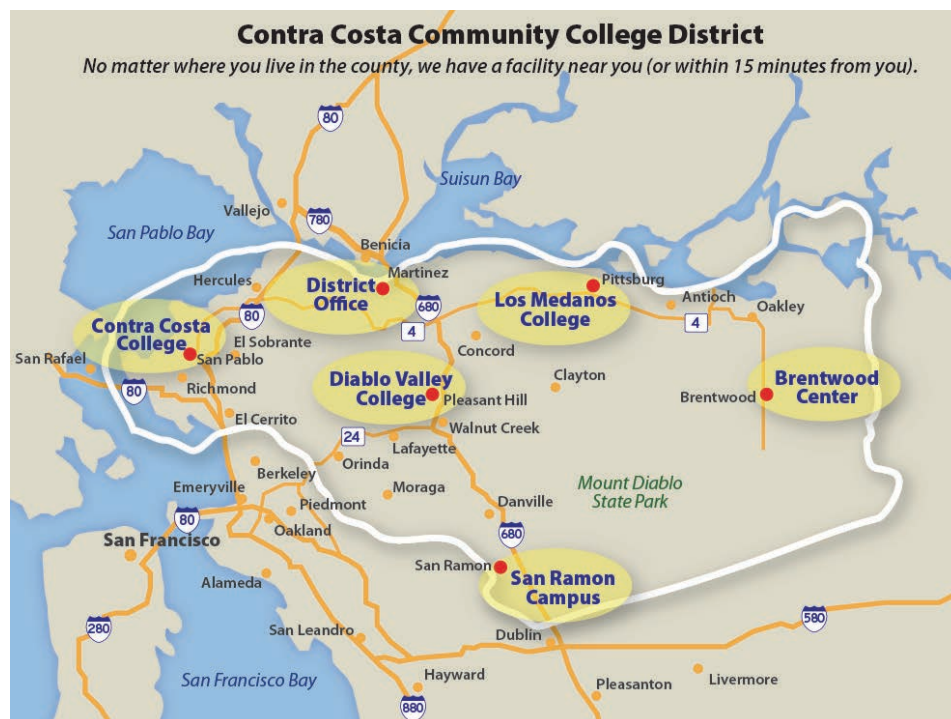
Los Medanos College is situated on a 120-acre site in Pittsburg; the campus is located in eastern Contra Costa County and borders the city of Antioch. The name of the College was derived from “Rancho Los Medanos”, which was among the last of the huge Mexican land grants prior to the formation of California. Roughly translated from Spanish, “Los Medanos” means “The Sand Dunes”. The College has a unique geographic location, which enhances the diversity of the students, community, industries, and businesses it serves and enriches the variety of programs it offers. The Sacramento Delta, east of the College, is a thriving agricultural area and offers excellent recreational activities. The Sacramento River, north of the College, is lined with heavy manufacturing industry, petroleum refineries, and power generating plants with access to docking facilities. The foothills of Mount Diablo provide the western and southern backdrop to access the rest of the San Francisco Bay Area.

The College serves the communities of Pittsburg, Antioch, Bay Point, Clayton, parts of Concord, Brentwood, Oakley, Knightsen, Bethel Island, Byron, and Discovery Bay. As a result of the rapid growth in eastern Contra Costa County and the passage of a successful 2002 local bond, in 2006 the College constructed its first major new buildings since its opening, adding 109,132 square feet for library, math, and science buildings. LMC is currently remodeling a large section of the original College Complex with 2006 bond funds to create a 38,000 square foot one-stop Student Services Center. The project, with a budget of \$25 million, is scheduled to open in January 2015.

During the summer of 1998, with the steep growth of residents in East County and the demand for higher educational options, the College first offered classes in Brentwood in rented classroom space at the Liberty Adult Education Center. Brentwood, located 13 miles east of the Pittsburg campus, was the fastest growing city in the state for many years; it grew from 7,563 residents in 1990 to 51,908 residents in 2009. The continued rapid increase of residents seeking affordable housing led to traffic congestion on the main artery – Highway 4 – making it increasingly difficult for students from “Far East County” to get to LMC’s Pittsburg campus. After lengthy, but successful negotiations with the City of Brentwood, Los Medanos College entered into a 10-year lease for 17,500 square feet of space in half of a former supermarket; the first classes were offered at the new Brentwood Center in fall 2001. After beginning with 493 students that first semester, the Center enrolled over 2,300 students in fall 2013. Based on student demand, LMC expanded the Brentwood

Center twice during its first decade, adding another 4,180 square feet. The College is in the process of adding another 1,817 square feet for a multi-purpose science lab, which is scheduled to open in fall 2014. In order to continue to expand and improve educational opportunities for East County residents, in 2012 the Governing Board of the Contra Costa Community College District approved the purchase of a 17-acre parcel in *The Vineyards* at March Creek development. As a result of the construction bond approved by the residents of Contra Costa County in June 2014, a permanent 88,000 square foot Brentwood Center facility will be constructed on this site. The Center received official “Center Status” in spring 2012 from the State Chancellor’s Office. In addition to the city of Brentwood, the Brentwood Center serves the communities of Oakley, Bethel Island, Knightsen, Byron, Discovery Bay, and parts of southeast Antioch.

Los Medanos College now has two campuses: the Pittsburg campus, located at 2700 East Leland Road in Pittsburg, California; and the Brentwood Center, located at 101A Sand Creek Road in Brentwood, California.



Los Medanos College offers lower division educational programs that prepare students for transfer to a four-year college or university, as well as a wide variety of technical, career-oriented, and professional programs of study that lead to careers and employment. Based on the 2014-2015 College Catalog, students can choose from 42 Associate Degree programs (including 18 degrees for transfer), 34 Certificates of Achievement, and 36 locally-approved Skills Certificates (INT-1).

At the census point in fall 2013, Los Medanos College enrolled 8,746 unduplicated students in 782 class sections. The College employs 113 full-time faculty, 258 adjunct faculty, 118 full-time monthly classified staff, and 23 administrators (INT-2).

B. Major Developments Since Last Self Evaluation Report

During the last six years, since the 2008 Los Medanos College Self Study in Support of Reaffirmation of Accreditation, the College has seen major developments in its leadership, organizational structure, construction, and student demographics.

Leadership

In October 2010, the fifth president of Los Medanos College was tapped to serve as interim president at Diablo Valley College for the remainder of the 2010-2011 academic year, due to the unexpected retirement of the president of DVC. LMC's senior dean of instruction was appointed as the interim president of Los Medanos College for the academic year.

Following the subsequent unsuccessful search process for a new president at Diablo Valley College, the Governing Board of the Contra Costa Community College District appointed DVC's interim president as the permanent president of that institution. The senior dean of instruction at Los Medanos College continued to serve as its interim president for the 2011-2012 academic year.

After a successful search process, Los Medanos College hired its sixth permanent president in July 2012.

Organizational Structure

Los Medanos College has had a very stable history and, for many years, most in the management team had served at the College since it opened in 1974. At the end of the 2011-2012 academic year, several senior and long-time managers retired, including: vice president of administrative services, senior dean of instruction, and dean of liberal arts and science.

Shortly after being appointed, the new president authorized the recruitment of a new vice president of instruction and student services; the search process was successfully completed and the new vice president was hired in fall 2012.

The 2012-2013 academic year was a year of transition. A new organizational structure was developed and discussed at several College Assemblies during the spring 2013 semester; the proposal received Governing Board approval in May 2013 and was implemented in July 2013 (INT-3, INT-4, INT-5).

The new structure resulted in the creation of several new positions and the restructuring of some existing positions. Changes included: a new senior dean of planning and institutional effectiveness position to oversee integrated planning and accreditation; a new dean of student success position to oversee transfer programs, learning communities, and other student success initiatives; and a restructured position entitled dean of counseling and student support. The existing administrative structure for the office of instruction – which consisted of one senior dean and two deans – was restructured into three deans. In an effort to enhance integration between different programs and break down previous silos, each one of these three newly-configured instructional deans has both career technical and general education

responsibilities. The existing senior dean of student services was appointed as the lead administrator for the Brentwood Center, as a means of better aligning student services between the Pittsburg campus and the Brentwood Center. The senior dean of student services also serves as the chief student services officer (CSSO) for the College. The responsibility for instructional programs at the Pittsburg campus and the Brentwood Center lies with the vice president of instruction and student services, who serves as the chief instructional officer (CIO) of the College (INT-6).

Construction and Remodeling

The College received \$150 million from 2002 and 2006 local bonds for the construction of three new buildings and several remodeling projects. The three new buildings – library, math, and science – were completed before the 2008 accreditation site visit. The projects since the last visit include: expansions to the current Brentwood Center; and renovations to the College Complex, such as the areas for Registered and Vocational Nursing, Emergency Medical Services, Graphic Arts and Art labs, Journalism, and the Planetarium. The one-stop Student Services Center remodel began in December 2012 and will be completed by January 2015. During the course of that construction project, various student services units have been relocated into renovated “swing spaces” within the College Complex.

The Electrical and Instrumentation Technology program was redesigned and the lab component of the curriculum was relocated to the College from industry. A modular lab was constructed on the LMC campus next to parking lot C; this project was funded entirely through industry donations of close to \$400,000, along with more than \$2 million of donated equipment.

Service Locations

In addition to the Center in Brentwood, the College offers off-site classes for the Fire and Police Academies.

Los Medanos College delivers and facilitates a Fire Academy program off-site at the Contra Costa County Fire Training Center; this program is housed at 2945 Treat Boulevard in Concord, California, located 13 miles southwest of the main campus.

The College contracts with the Contra Costa County Office of the Sheriff to deliver law enforcement academy certificate programs to students off-site at the Law Enforcement Training Center; this program is located at 340 Marina Boulevard in the downtown area of Pittsburg, California.

Substantive Change Proposals

Three Substantive Change proposals were submitted and have received approval from the Commission since the last reaffirmation of accreditation. In March 2013, the College received approval to offer 2 associate degrees and 8 certificates of achievement with more than 50 percent of the program offered through the distance education modality. In November 2013, the College received approval for the Brentwood Center, where LMC now offers at least half of the courses required for an associate degree. Also approved in November 2013 were two off-site locations at

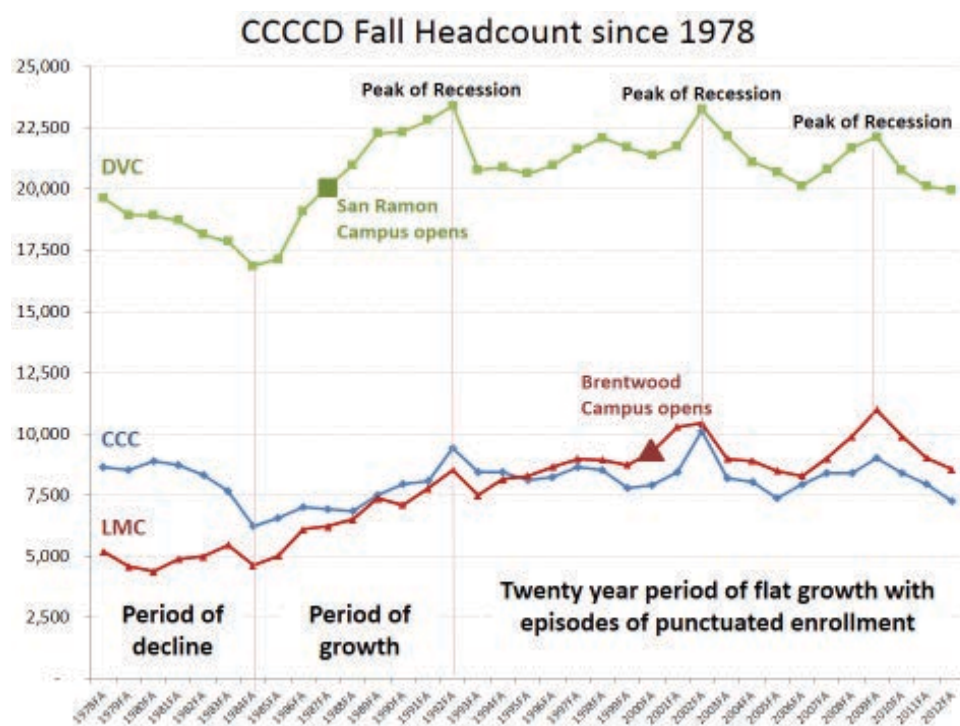
which students can complete at least half of the required courses offered by the College: the Fire Academy and the Police Academy, which is contracted with a non-regionally accredited organization (INT-7, INT-8, INT-9).

C. Student Enrollment Data and Demographics

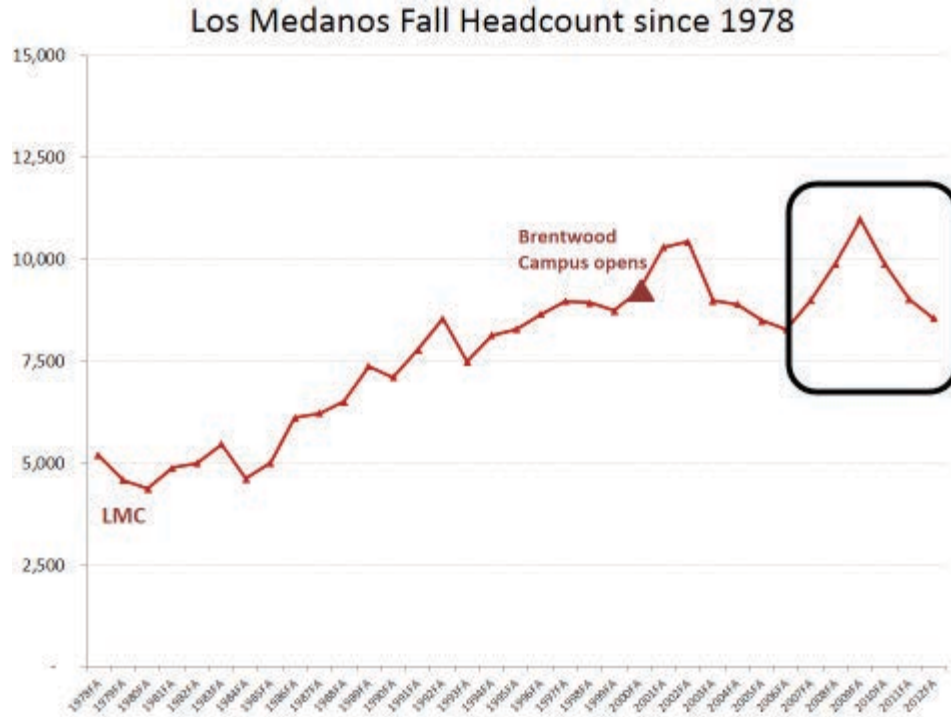
There are regional differences in industry and business across Contra Costa County. In East County, the major industries are heavy manufacturing, power generation, agriculture, health care, and retail business. This profile has determined the mix of career and technical education programs offered by the College.

Head Count and Enrollments

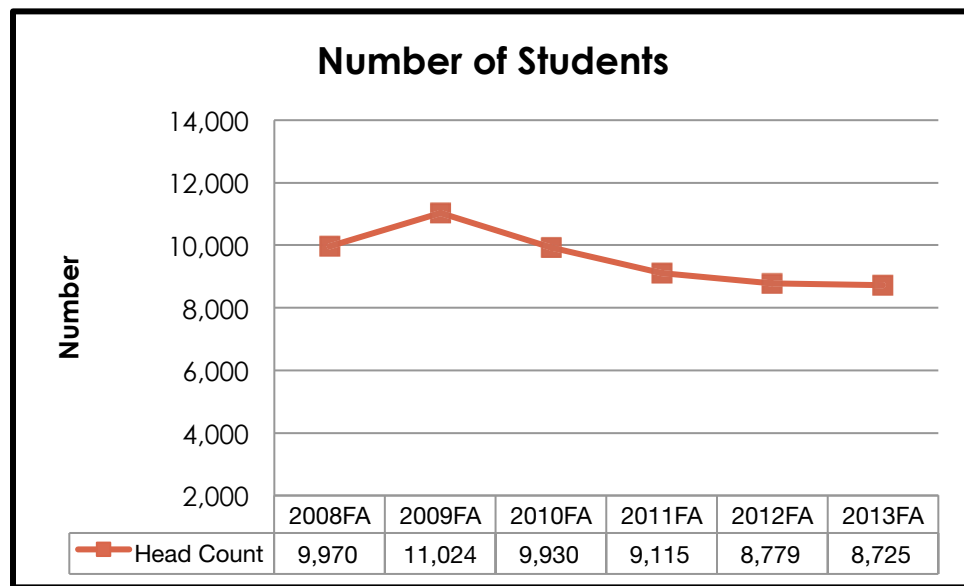
Los Medanos College has steadily increased in the headcount of unduplicated students over the last 40 years. Student headcount peaked in fall 2009, and dropped markedly in fall 2010 when the state instituted “workload reductions” (INT-2).



District Student Headcount Trend Over Time



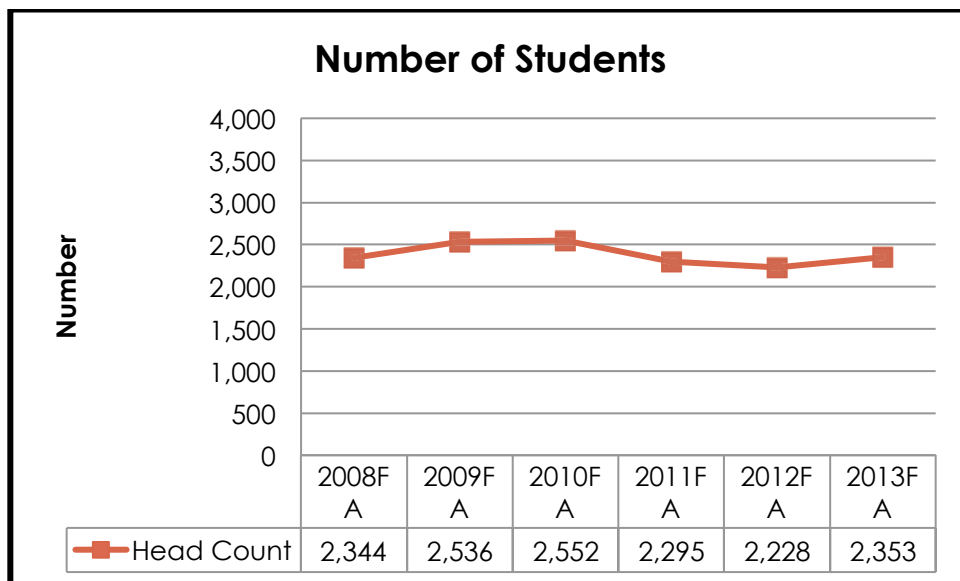
LMC Student Headcount Trend Over Time



COLLEGE TOTAL		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students	Total	9,970	11,024	9,930	9,115	8,779	8,725

LMC Student Headcount Over Last 5 Years

The student headcount at the Brentwood Center continues to increase at a greater rate than at any of the colleges or centers in the District, since Brentwood and the cities around it are experiencing the fastest growth in the county.



COLLEGE TOTAL		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students	Total	2344	2536	2552	2295	2228	2353

Brentwood Student Headcount Over Last 5 Years

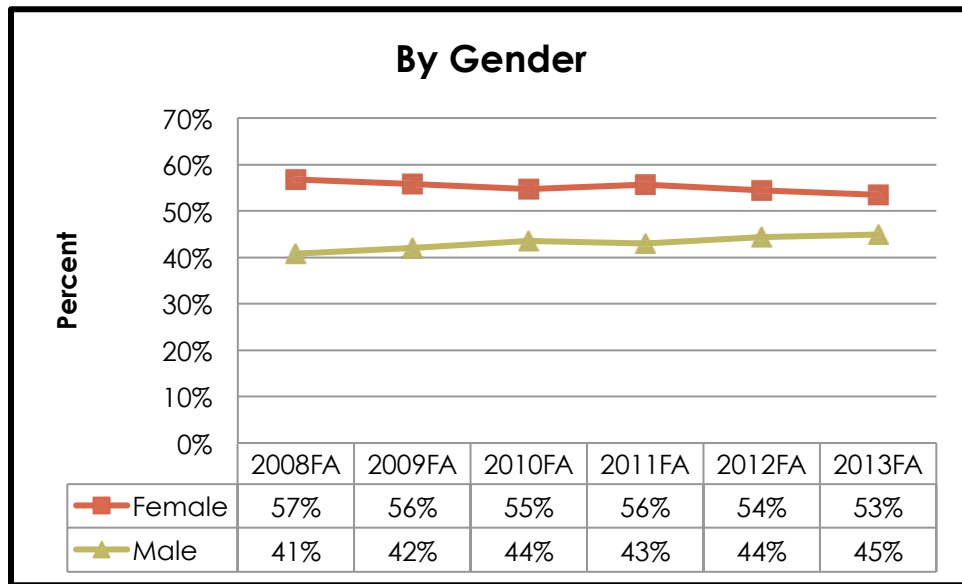
Enrollments in all courses by instructional method also peaked in fall 2009. The greatest growth has been in hybrid instruction.

ALL COURSES	Instr. Method	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Course Enrollments	Face-to-face	24,043	26,496	24,953	22,017	21,552	20,899
	Hybrid 0-50%	112	654	718	700	750	799
	Hybrid 51-99%	77	55	61	51	116	116
	100% Online	1,373	1,348	1,121	1,030	1,160	1,081

Student Enrollments Over Last 5 Years (By Instructional Method)

Gender

In fall 2013, 53 percent of the students were female and 45 percent were male. While the five-year trend shows more female students than male, the numbers are converging – from 16 percent more females in 2008 to 8 percent more females in 2013.

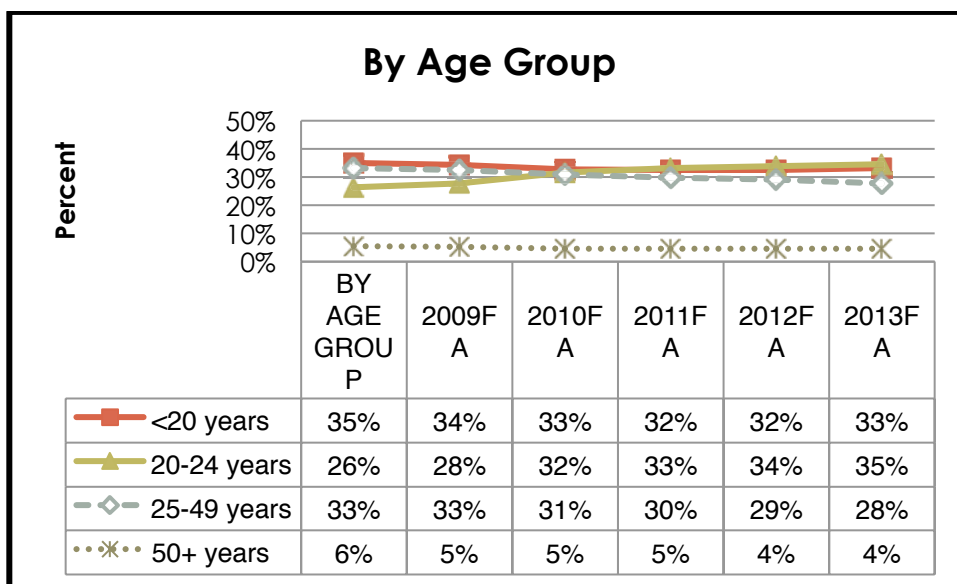


BY GENDER		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Percent of Students by Gender	Female	57%	56%	55%	56%	54%	53%
	Male	41%	42%	44%	43%	44%	45%
	Unknown	2%	2%	2%	1%	1%	2%
Number of Students by Gender	Female	5,663	6,152	5,430	5,070	4,779	4,658
	Male	4,066	4,628	4,326	3,920	3,897	3,920
	Unknown	241	244	174	125	103	147

Gender Trend in the Last 5 Years

Age

An interesting trend is the increase in student population in the 20 to 24 age group, from 26 percent in fall 2008 to 35 percent in fall 2013. This is currently the largest group of students at the College. This is also the fastest growing population in the service area – East County.

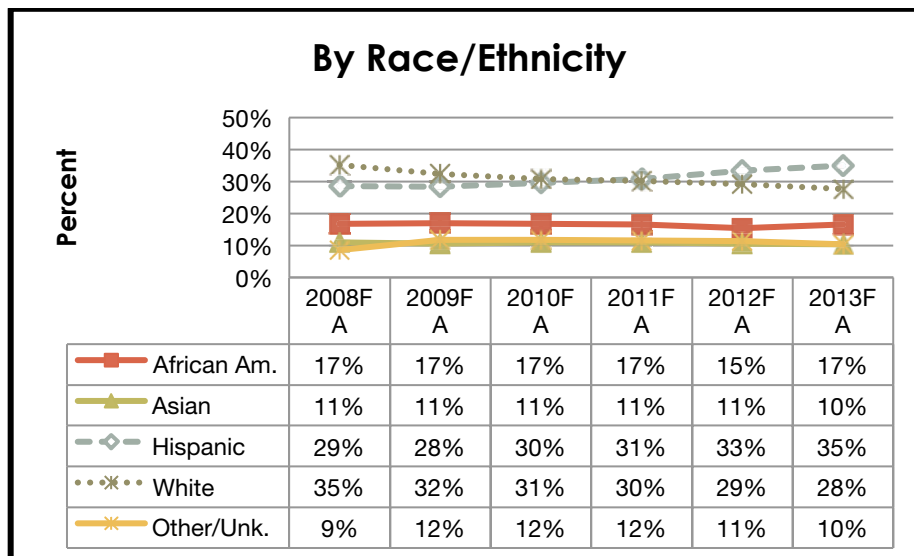


BY AGE GROUP	BY AGE GROUP	BY AGE GROUP	2009 FA	2010FA	2011FA	2012FA	2013FA
Percent of Students by Age Group	< 20 years old	35%	34%	33%	32%	32%	33%
	20 to 24 years old	26%	28%	32%	33%	34%	35%
	25 to 49 years old	33%	33%	31%	30%	29%	28%
	50 + years old	6%	5%	5%	5%	4%	4%
	Age unknown	0%	0%	0%			
Number of Students by Age Group	< 20 years old	3,481	3,779	3,251	2,954	2,852	2,901
	20 to 24 years old	2,624	3,056	3,144	3,024	2,980	3,019
	25 to 49 years old	3,311	3,589	3,068	2,709	2,554	2,414
	50 + years old	551	590	464	428	393	391
	Age unknown	3	10	3			

Age Trend in the Last 5 Years

Ethnicity

Los Medanos College’s student population is increasingly becoming more ethnically diverse. LMC is an official Hispanic Serving Institution and has received three Hispanic Serving Institution grants – in 2005, 2010, and 2011. The success of the grant initiatives has resulted in attracting more Hispanic students to the College, while continuing to improve the achievements of these students. The Hispanic student population increased from 29 percent in fall 2007 to 35 percent in fall 2013, making it the largest ethnic group on campus. During this same period, the White non-Hispanic population reduced from 35 percent to 28 percent. The number of students declaring themselves as Multi-Racial has increased from 3 percent to 8 percent during this period. All of the other ethnic groups have remained fairly stable during this time.



BY RACE/ETHNICITY		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Percent of Students by Race/Ethnicity	African American	17%	17%	17%	17%	15%	17%
	American Indian	1%	1%	0%	0%	0%	0%
	Asian	4%	4%	5%	5%	5%	5%
	Filipino	6%	5%	5%	5%	5%	5%
	Hispanic	29%	28%	30%	31%	33%	35%
	Multi-Race	3%	3%	5%	6%	7%	8%
	Other/Undeclared	5%	8%	7%	5%	4%	2%
	Pacific Islander	1%	1%	1%	1%	1%	1%
	White	35%	32%	31%	30%	29%	28%
Number of Students by Race/Ethnicity	African American	1,669	1,860	1,673	1,504	1,353	1,454
	American Indian	69	58	46	36	25	21
	Asian	438	482	469	456	434	424
	Filipino	562	581	534	467	429	412
	Hispanic	2,851	3,118	2,935	2,812	2,927	3,045
	Multi-Race	262	311	461	545	657	708
	Other/Undeclared	520	933	658	472	316	181
	Pacific Islander	96	102	88	76	72	66
	White	3,503	3,579	3,066	2,747	2,566	2,414

Ethnicity Trend in the Last 5 Years

Financial Aid

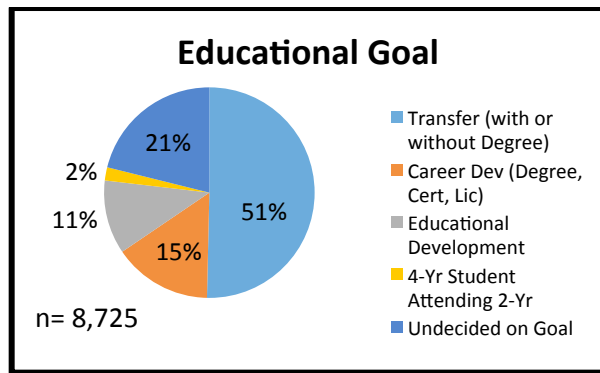
The percentage of students receiving financial aid at the College has increased since the recession in 2009. The College, the foundation, and the student senate have several initiatives to support students with grants, book loans, and other forms of assistance.

COLLEGE TOTAL		2008FA	2009FA	2010FA	2011FA	2012FA	2013 FA
Percent Receiving Financial Aid	Total	36%	42%	47%	52%	54%	54%
Number of Students (Head Count)	Total	9,970	11,024	9,930	9,115	8,779	8,725
Number Receiving Financial Aid	Total	3,607	4,600	4,685	4,716	4,723	4,732

Financial Aid Trend in Last 5 Years

Educational Goal

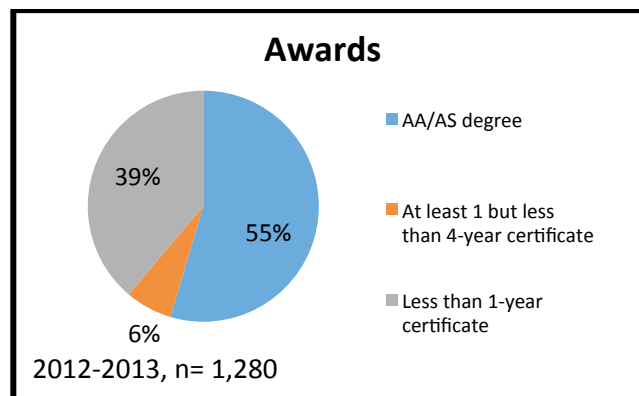
In fall 2013, half of the students stated that their goal was to transfer; 15 percent of students stated that their goal was career development, which includes all certificates and degrees; and 21 percent stated that they were undecided. The College is implementing various strategies designed to reduce the time to achieve completion, transfer or employment. These approaches include connecting like-minded students through participation in learning communities and motivating students to successfully finish their respective programs. One such example is the “Be a Major Success” campaign; this robust initiative was developed by the marketing department, in close partnership with the instructional programs and student services, and is aimed at encouraging students to select a pathway early. College orientations include information on all the majors offered on campus.



Student Educational Goals in Fall 2013

Student Achievement - Completion

At the end of the 2012-2013 academic year, completion data indicate that half the students who graduated did so with degrees, and the other half earned certificates.



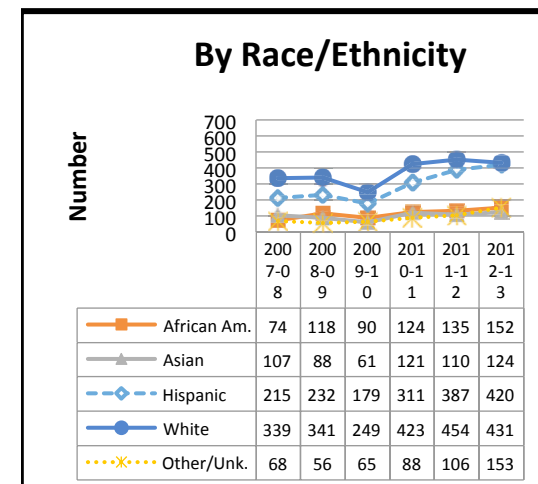
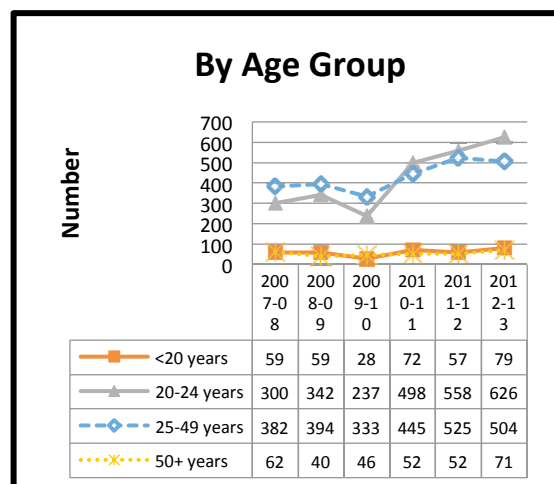
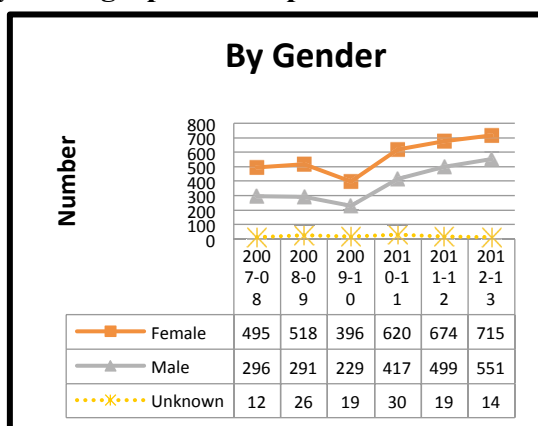
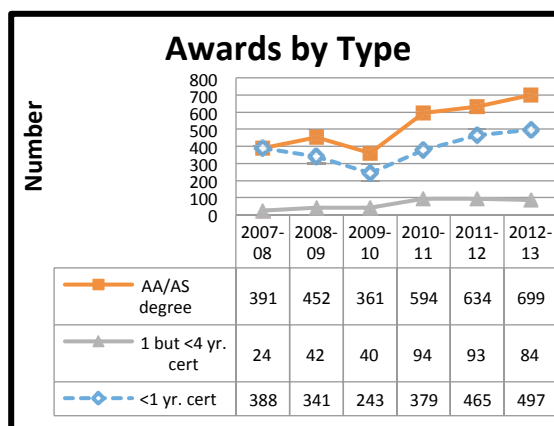
Student Awards in 2012-2013

The College has made great strides in increasing the number of students who have earned degrees and certificates. The five year trend shows continuous improvement and growth. The number of degrees granted has increased 55 percent over five years, and the number of certificates completed in less than one year has increased 39 percent. Several College initiatives started in 2010-2011 – such as certain grants, learning communities, and career programs – have promoted completion.

COLLEGE TOTAL	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
AA/AS degree	391	452	361	594	634	699
At least 1 but less than 4-year certificate	24	42	40	94	93	84
Less than 1-year certificate	388	341	243	379	465	497
Grand Total	803	835	644	1,067	1,192	1,280

Degree and Certificate Completion Trend in Last 5 Years

Number of Awards by Demographic Group



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.
 Numerator: A, B, C, CR, IA, IB, IC, IP, P
 Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W
 Excluded grade notations: MW, RD

Success, Retention and Persistence

Course success, retention and fall-to-spring persistence rates have increased marginally over the last five years.

ALL COURSES	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students (Head Count)	9,970	11,024	9,930	9,115	8,779	8,725
Percent Receiving Financial Aid	36%	42%	47%	52%	54%	54%
Course Success Rate	69%	69%	69%	71%	70%	71%
Course Retention Rate	84%	83%	82%	86%	85%	85%
Fall-to-Spring Persistence Rate	66%	67%	69%	70%	69%	70%
Fall-to-Fall Persistence Rate	49%	48%	49%	51%	50%	n/a
Number of Course Enrollments	25,603	28,551	26,854	23,807	23,589	22,896
Number Successful	17,551	19,608	18,451	16,984	16,543	16,231
Number Retained	21,570	23,634	22,129	20,361	20,087	19,430

BASIC SKILLS COURSES	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students (Head Count)	1,426	1,783	1,531	1,302	1,258	1,158
Percent Receiving Financial Aid	51%	58%	62%	65%	68%	67%
Course Success Rate	61%	64%	61%	65%	60%	62%
Course Retention Rate	82%	82%	79%	82%	80%	81%
Fall-to-Spring Persistence Rate	72%	68%	70%	70%	68%	69%
Fall-to-Fall Persistence Rate	56%	50%	50%	54%	51%	n/a
Number of Course Enrollments	1,865	2,437	2,069	1,732	1,674	1,511
Number Successful	1,146	1,553	1,262	1,120	997	934
Number Retained	1,528	1,993	1,638	1,428	1,340	1,221

CTE COURSES	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students (Head Count)	4,117	4,469	3,757	3,329	3,225	3,092
Percent Receiving Financial Aid	36%	42%	48%	54%	54%	55%
Course Success Rate	72%	73%	71%	72%	71%	73%
Course Retention Rate	88%	87%	85%	87%	87%	87%
Fall-to-Spring Persistence Rate	63%	65%	67%	69%	67%	68%
Fall-to-Fall Persistence Rate	45%	42%	45%	47%	46%	n/a
Number of Course Enrollments	6,631	7,261	6,180	5,289	5,273	5,073
Number Successful	4,791	5,294	4,397	3,822	3,760	3,724
Number Retained	5,851	6,349	5,263	4,575	4,571	4,404

GENERAL ED. COURSES	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students (Head Count)	8,982	9,947	9,446	8,710	8,406	8,391
Percent Receiving Financial Aid	37%	42%	47%	52%	54%	54%
Course Success Rate	68%	68%	69%	72%	71%	71%
Course Retention Rate	84%	82%	83%	86%	86%	85%
Fall-to-Spring Persistence Rate	68%	68%	70%	71%	70%	71%
Fall-to-Fall Persistence Rate	50%	50%	49%	51%	50%	n/a
Number of Course Enrollments	22,564	25,116	24,477	21,962	21,770	21,189
Number Successful	15,388	17,191	16,956	15,781	15,438	15,144
Number Retained	18,905	20,659	20,209	18,833	18,615	18,024

Success, Retention and Persistence Trend in Last 5 Years

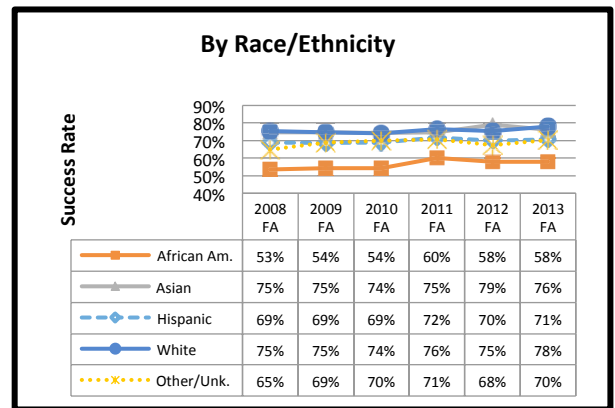
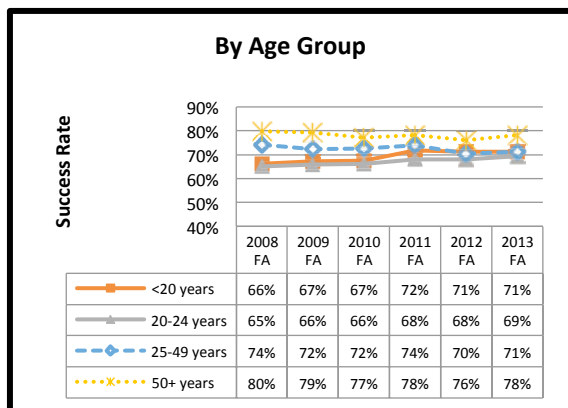
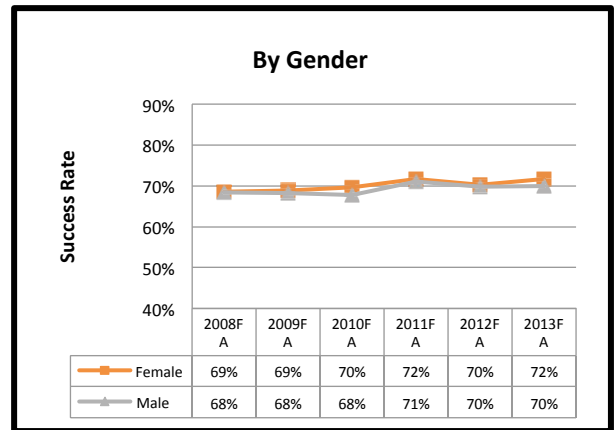
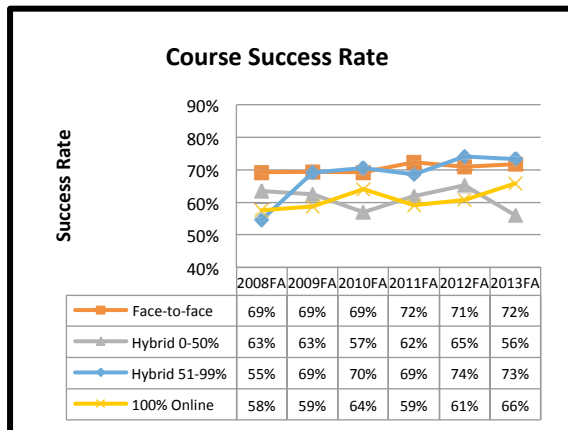
Success and Retention for Different Delivery Modes

The success rate for all courses – basic skills, CTE and general education – indicates that the gap between online classes (those with 51-100% of instruction provided online) and face-to-face classes is closing. The retention rate for all courses demonstrates no gap among classes that are face-to-face, fully-online, or those with more than 50 percent of instruction delivered online.

ALL COURSES	Instr. Method	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Success Rate	Face-to-face	69%	69%	69%	72%	71%	72%
	Hybrid 0-50%	63%	63%	57%	62%	65%	56%
	Hybrid 51-99%	55%	69%	70%	69%	74%	73%
	100% Online	58%	59%	64%	59%	61%	66%
Retention Rate	Face-to-face	85%	83%	83%	86%	86%	85%
	Hybrid 0-50%	76%	77%	74%	80%	80%	76%
	Hybrid 51-99%	74%	73%	84%	94%	91%	90%
	100% Online	79%	78%	81%	81%	80%	84%
Number of Course Enrollments	Face-to-face	24,043	26,496	24,953	22,017	21,552	20,899
	Hybrid 0-50%	112	654	718	700	750	799
	Hybrid 51-99%	77	55	61	51	116	116
	100% Online	1,373	1,348	1,121	1,030	1,160	1,081
Number Successful	Face-to-face	16,648	18,369	17,281	15,902	15,263	14,993
	Hybrid 0-50%	71	409	409	433	489	447

	Hybrid 51-99%	42	38	43	35	86	85
	100% Online	790	792	718	610	703	712
Number Retained	Face-to-face	20,338	22,036	20,639	18,913	18,444	17,807
	Hybrid 0-50%	85	501	529	560	600	609
	Hybrid 51-99%	57	40	51	48	106	104
	100% Online	1,091	1,057	909	833	926	909

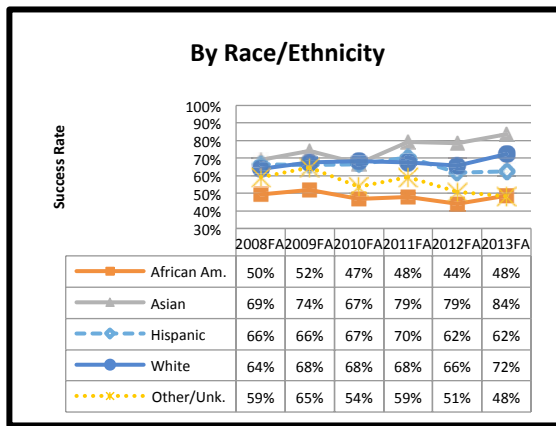
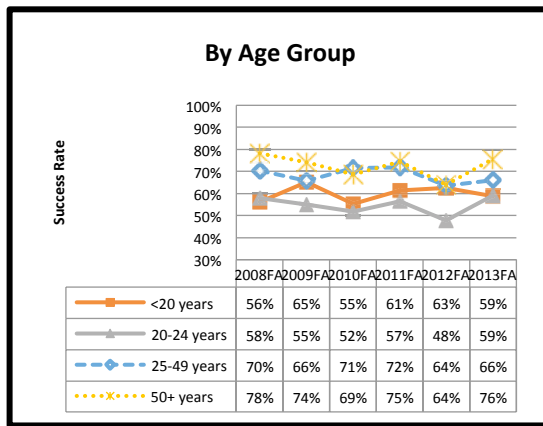
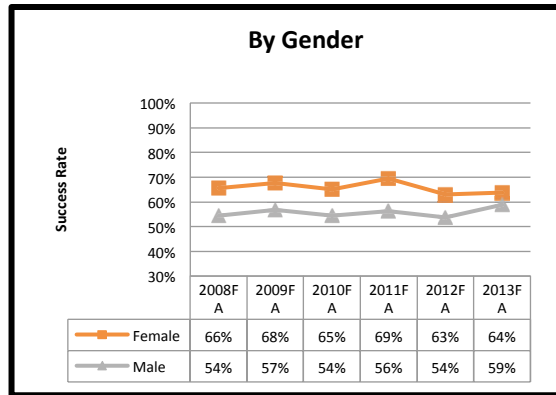
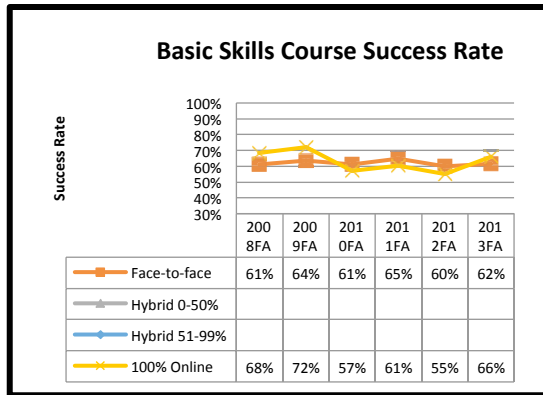
Success and Retention Trend for Different Delivery Modes in Last 5 Years



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.
 Numerator: A, B, C, CR, IA, IB, IC, IP, P
 Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W
 Excluded grade notations: MW, RD

Disaggregated Course Success Rates for Different Delivery Modes

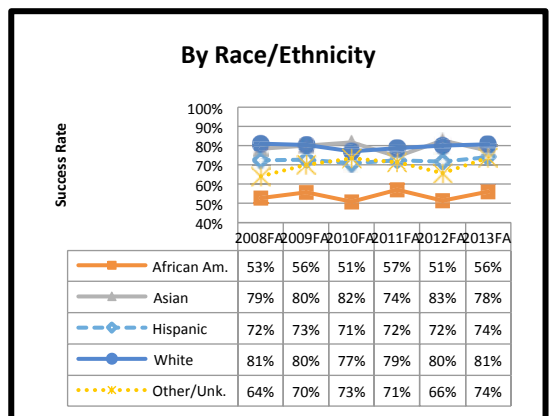
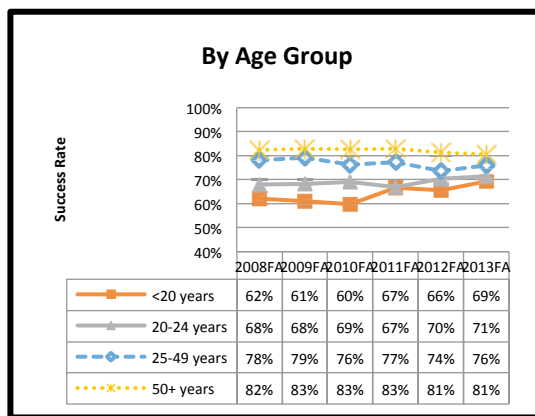
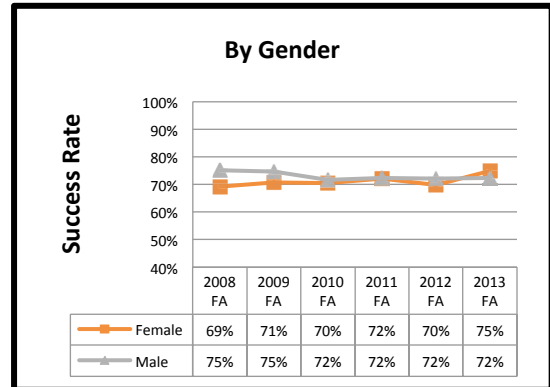
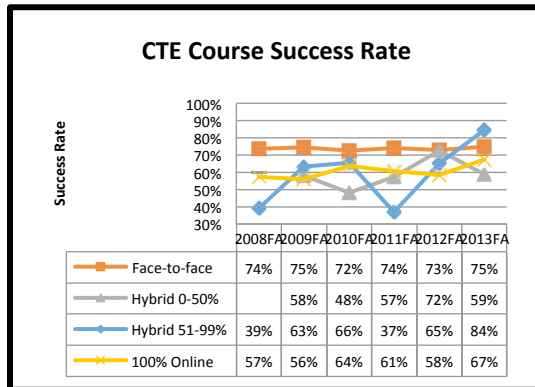
Success and Retention for Basic Skills



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.
 Numerator: A, B, C, CR, IA, IB, IC, IP, P
 Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W
 Excluded grade notations: MW, RD

Disaggregated Course Success Rates for Basic Skills

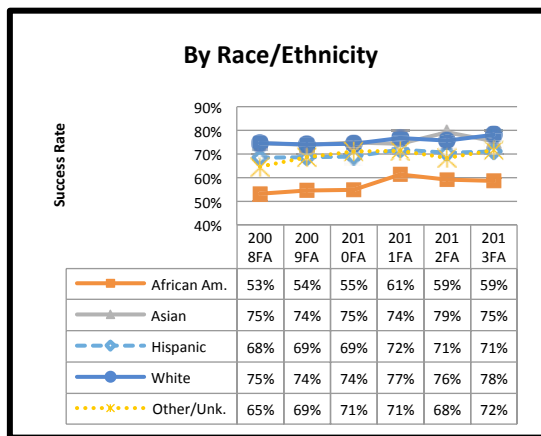
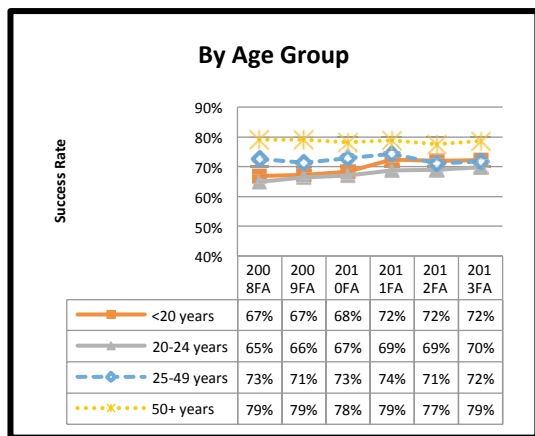
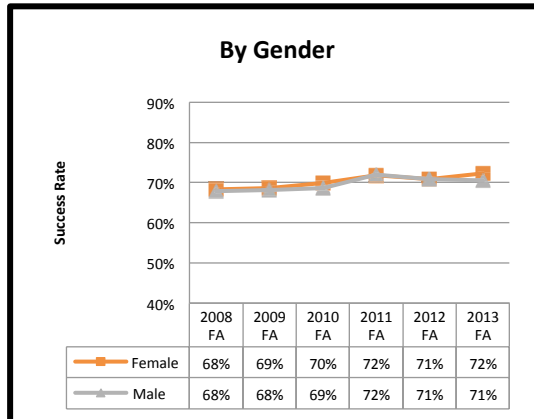
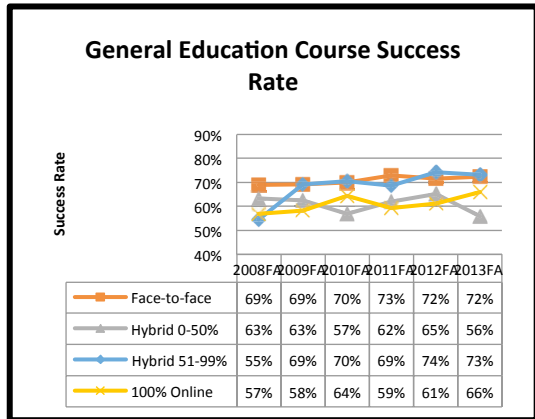
Success and Retention for CTE Programs



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.
 Numerator: A, B, C, CR, IA, IB, IC, IP, P
 Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W
 Excluded grade notations: MW, RD

Disaggregated Course Success Rates for CTE Programs

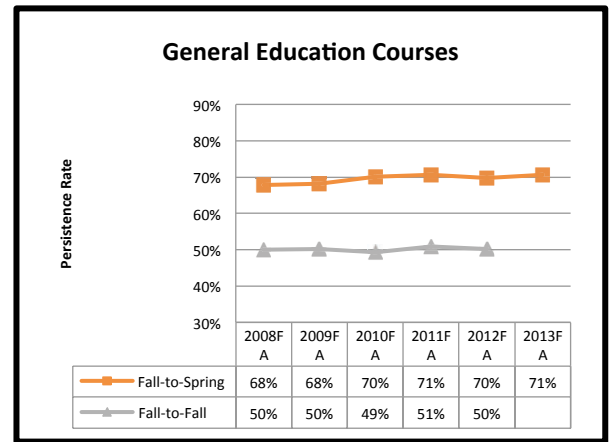
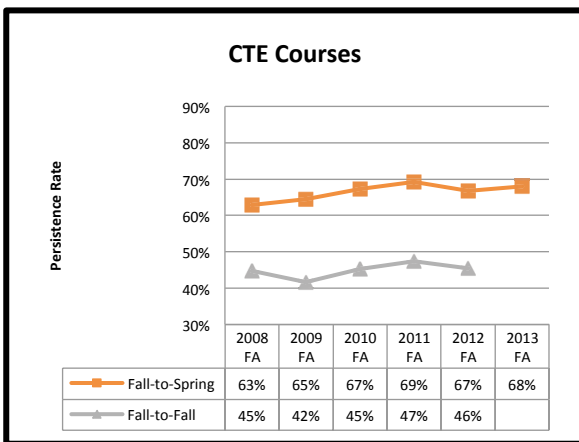
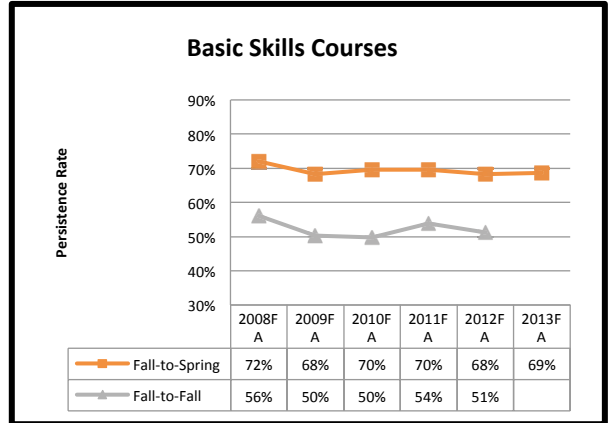
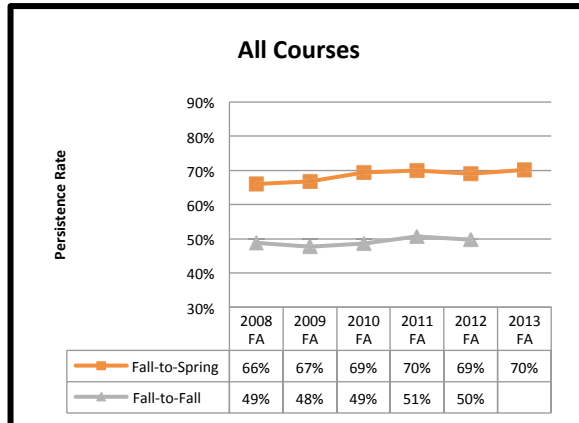
Success and Retention for General Education Programs



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.
 Numerator: A, B, C, CR, IA, IB, IC, IP, P
 Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W
 Excluded grade notations: MW, RD

Disaggregated Course Success Rates for General Education Programs

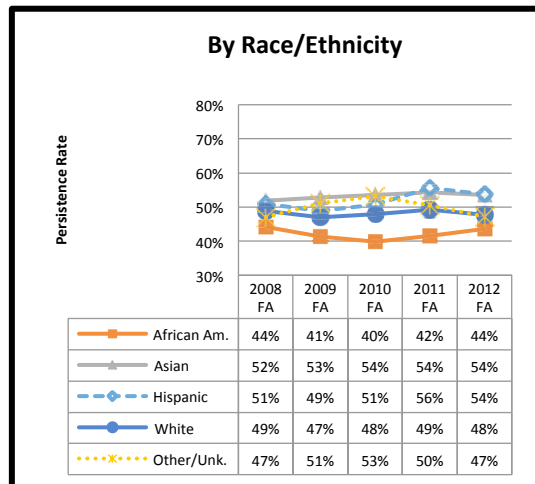
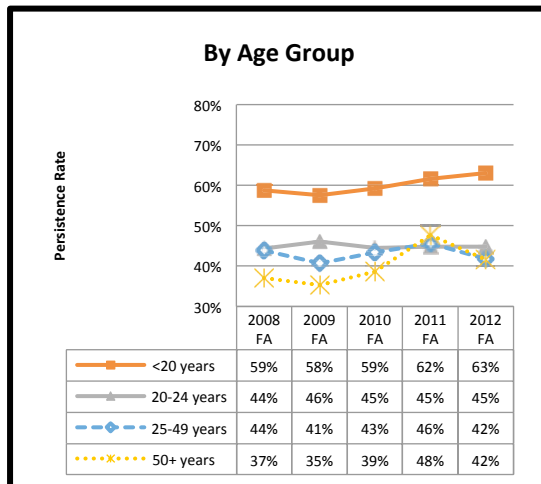
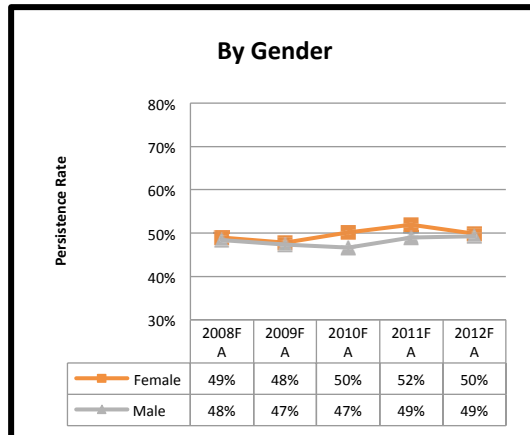
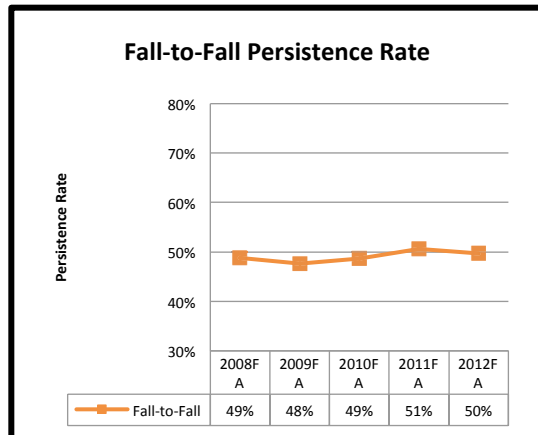
Persistence Rates by Course



Persistence Rate: Percentage of students who are enrolled as of census for an initial and a subsequent term.
 Numerator: The number of students who receive a grade of A, B, C, D, F, FW, I*, P/CR, NP/NC, RD, or W in at least one class in the subsequent primary term.
 Denominator: The number of students who receive a grade of A, B, C, D, F, FW, I*, P/CR, NP/NC, RD, W in at least one class in the initial primary term.

Persistence Rates by Type of Course

Persistence Rates Fall-to-Fall



Persistence Rate: Percentage of students who are enrolled as of census for an initial and a subsequent term.

Numerator: The number of students who receive a grade of A, B, C, D, F, FW, I*, P/CR, NP/NC, RD, or W in at least one class in the subsequent primary term.

Denominator: The number of students who receive a grade of A, B, C, D, F, FW, I*, P/CR, NP/NC, RD, W in at least one class in the initial primary term.

Disaggregated Fall-to-Fall Persistence Rates

Transfers to UC, CSU and Private Universities

Los Medanos College	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Total ==>	490	457	494	615	549
UC	39	63	61	75	76
CSU	276	195	225	324	302
In-State-Private/Out-of-State	175	199	208	216	171

*Five Year Transfer Trend***D. Environmental Scan and Service Area Demographics**

In spring 2013, the District Office of Research and Planning conducted an environmental scan of Contra Costa County. The results indicate that East County continues to be the most rapidly growing region, in terms of overall population, and that it is growing almost three times faster than Contra Costa County overall (INT-10).

Year	West County	Central County	East County	All Contra Costa
2000	242,439	475,403	230,974	948,816
2010	254,165	502,422	292,438	1,049,025
% Growth	4.8%	5.7%	26.6%	10.6%

Source: U.S. Census Bureau Decennial Census information for Contra Costa County, 2000 and 2010.

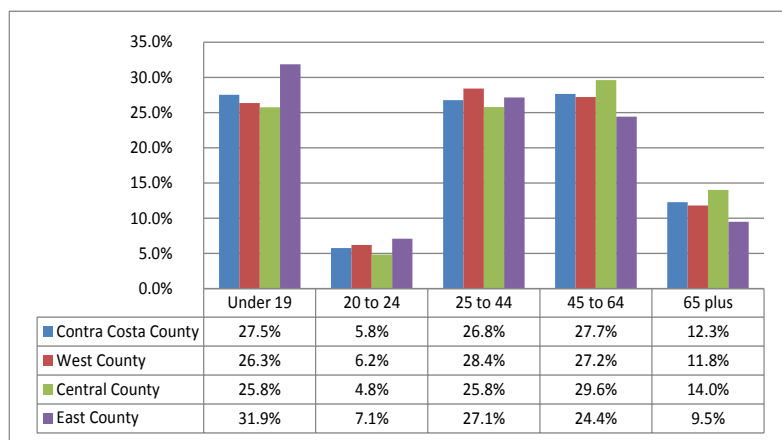
Regional Differences in Population Growth for Contra Costa County

The population growth is ‘U-Shaped’ in East County. The fastest growing age groups are over 45 years and between 20 to 24 years. However, in terms of numbers, the age group between 20 and 24 years old was the smallest segment of the population in 2011.

Region / Group	2000		2011 ACS		Change: 2000 to 2011	
	n	%	n	%	n	%
Contra Costa County	(a)		(b)		(b-a)	(b-a)/a
Under 19	274,300	28.9%	285,627	27.5%	11,327	4.1%
20 to 24	50,696	5.3%	59,788	5.8%	9,092	17.9%
25 to 44	290,142	30.6%	277,835	26.8%	(12,307)	-4.2%
45 to 64	226,406	23.9%	287,030	27.7%	60,624	26.8%
65 plus	107,272	11.3%	127,537	12.3%	20,265	18.9%
Total	948,816	100.0%	1,037,817	100.0%	89,001	9.4%
West County						
Under 19	70,123	28.9%	65,872	26.3%	(4,251)	-6.1%
20 to 24	15,545	6.4%	15,501	6.2%	(44)	-0.3%
25 to 44	74,113	30.6%	71,046	28.4%	(3,067)	-4.1%
45 to 64	55,284	22.8%	68,057	27.2%	12,773	23.1%
65 plus	27,374	11.3%	29,546	11.8%	2,172	7.9%
Total	242,439	100.0%	250,022	100.0%	7,583	3.1%
Central County						
Under 19	124,485	26.2%	132,078	25.8%	7,593	6.1%
20 to 24	21,602	4.5%	24,799	4.8%	3,197	14.8%
25 to 44	141,882	29.8%	132,151	25.8%	(9,731)	-6.9%
45 to 64	125,733	26.4%	151,766	29.6%	26,033	20.7%
65 plus	61,701	13.0%	71,883	14.0%	10,182	16.5%
Total	475,403	100.0%	512,677	100.0%	37,274	7.8%
East County						
Under 19	79,692	34.5%	87,677	31.9%	7,985	10.0%
20 to 24	13,549	5.9%	19,488	7.1%	5,939	43.8%
25 to 44	74,147	32.1%	74,638	27.1%	491	0.7%
45 to 64	45,389	19.7%	67,207	24.4%	21,818	48.1%
65 plus	18,197	7.9%	26,108	9.5%	7,911	43.5%
Total	230,974	100.0%	275,118	100.0%	44,144	19.1%

Source: 2000 U.S. Census and 2011 American Community Survey (ACS) for Contra Costa County.

Change in Age Distribution by County Region, 2000 to 2011



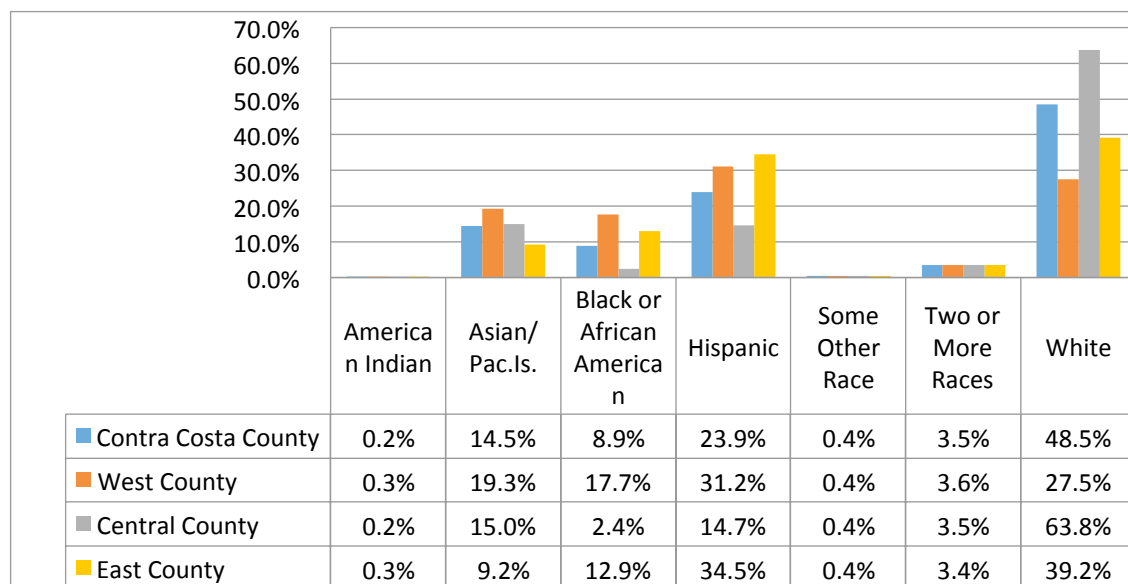
Age Distribution by County Region, 2011

In terms of race and ethnicity, the East County region is diverse and is becoming even more diverse. The fastest growing population is Hispanic, followed by African American and Asian/Pacific Island. The White population is declining. The foreign-born population is also growing rapidly in East Contra Costa County – increasing by 51 percent between 2000-2011.

Region / Group	2000 Population		2011 Population		Change: 2000 to 2011	
	n	%	n	%	n	%
Contra Costa County	(a)		(b)		(b-a)	(b-a)/a
American Indian	3,648	0.4%	2,488	0.2%	(1,160)	-31.8%
Asian/ Pac.Is.	105,838	11.2%	150,630	14.5%	44,792	42.3%
Black or African American	86,851	9.2%	92,044	8.9%	5,193	6.0%
Hispanic	167,776	17.7%	248,089	23.9%	80,313	47.9%
Some Other Race	2,636	0.3%	4,350	0.4%	1,714	65.0%
Two or More Races	32,658	3.4%	36,511	3.5%	3,853	11.8%
White	549,409	57.9%	503,705	48.5%	(45,704)	-8.3%
Total	948,816	100.0%	1,037,817	100.0%	89,001	9.4%
West County						
American Indian	699	0.3%	691	0.3%	(8)	-1.1%
Asian/ Pac.Is.	45,094	18.6%	48,339	19.3%	3,245	7.2%
Black or African American	61,337	25.3%	44,175	17.7%	(17,162)	-28.0%
Hispanic	58,913	24.3%	77,897	31.2%	18,984	32.2%
Some Other Race	921	0.4%	1,119	0.4%	198	21.5%
Two or More Races	9,047	3.7%	8,963	3.6%	(84)	-0.9%
White	66,428	27.4%	68,838	27.5%	2,410	3.6%
Total	242,439	100.0%	250,022	100.0%	7,583	3.1%
Central County						
American Indian	1,251	0.3%	966	0.2%	(285)	-22.8%
Asian/ Pac.Is.	46,114	9.7%	76,881	15.0%	30,767	66.7%
Black or African American	8,557	1.8%	12,315	2.4%	3,758	43.9%
Hispanic	52,294	11.0%	75,363	14.7%	23,069	44.1%
Some Other Race	956	0.2%	2,097	0.4%	1,141	119.4%
Two or More Races	15,384	3.2%	18,075	3.5%	2,691	17.5%
White	350,847	73.8%	326,980	63.8%	(23,867)	-6.8%
Total	475,403	100.0%	512,677	100.0%	37,274	7.8%
East County						
American Indian	1,121	0.5%	831	0.3%	(290)	-25.9%
Asian/ Pac.Is.	18,709	8.1%	25,410	9.2%	6,701	35.8%
Black or African American	24,021	10.4%	35,554	12.9%	11,533	48.0%
Hispanic	60,284	26.1%	94,829	34.5%	34,545	57.3%
Some Other Race	521	0.2%	1,134	0.4%	613	117.7%
Two or More Races	9,214	4.0%	9,473	3.4%	259	2.8%
White	117,104	50.7%	107,887	39.2%	(9,217)	-7.9%
Total	230,974	100.0%	275,118	100.0%	44,144	19.1%

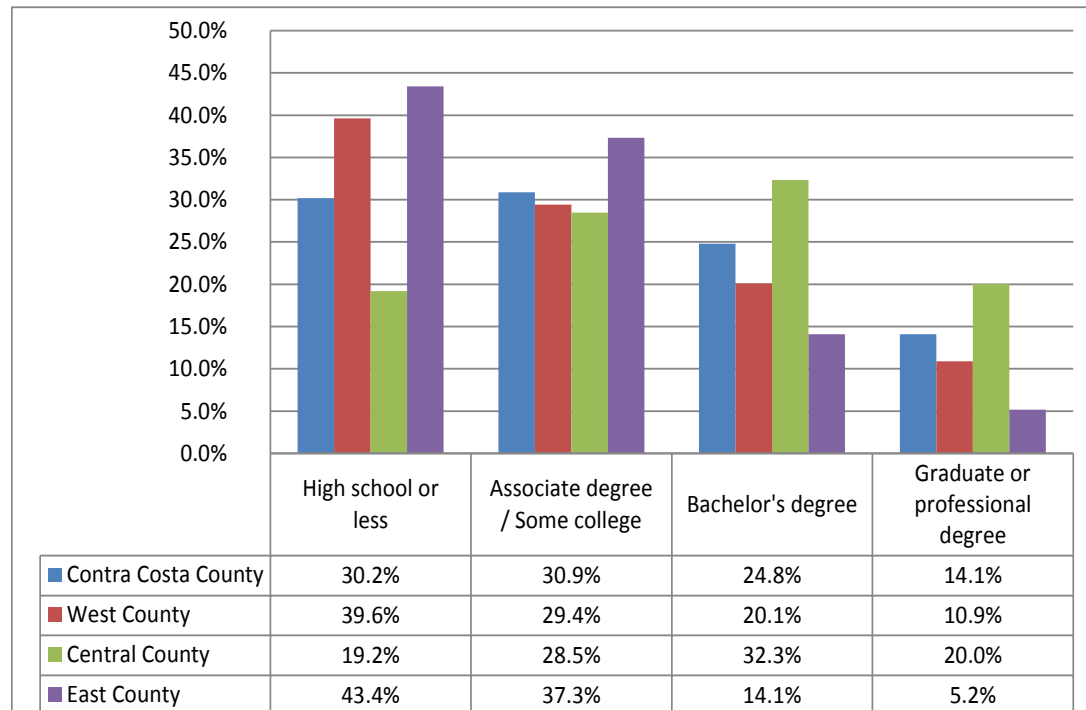
Source: 2000 U.S. Census and 2011 American Community Survey (ACS) for Contra Costa County.

Change in the Race/Ethnicity of Contra Costa County Population, 2000 to 2011



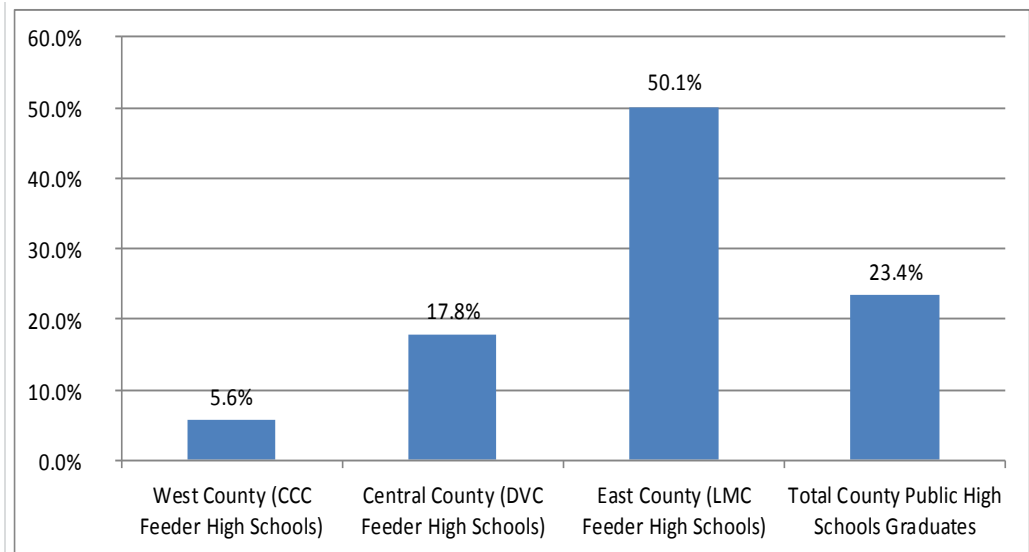
Race/Ethnic Distribution by County Region, 2011

Based on the educational level of the residents of East Contra Costa County, the College has tremendous potential for continued growth.



Educational Attainment by County Region, 2011

The number of high school graduates is an important predictor of future enrollment in post-secondary institutions. The increase in high school students is the highest in East County, resulting in rapid growth for Los Medanos College. The rise in the number of graduates will continue due to the movement of young families to this area of the county. Land availability and housing affordability have contributed to this movement.



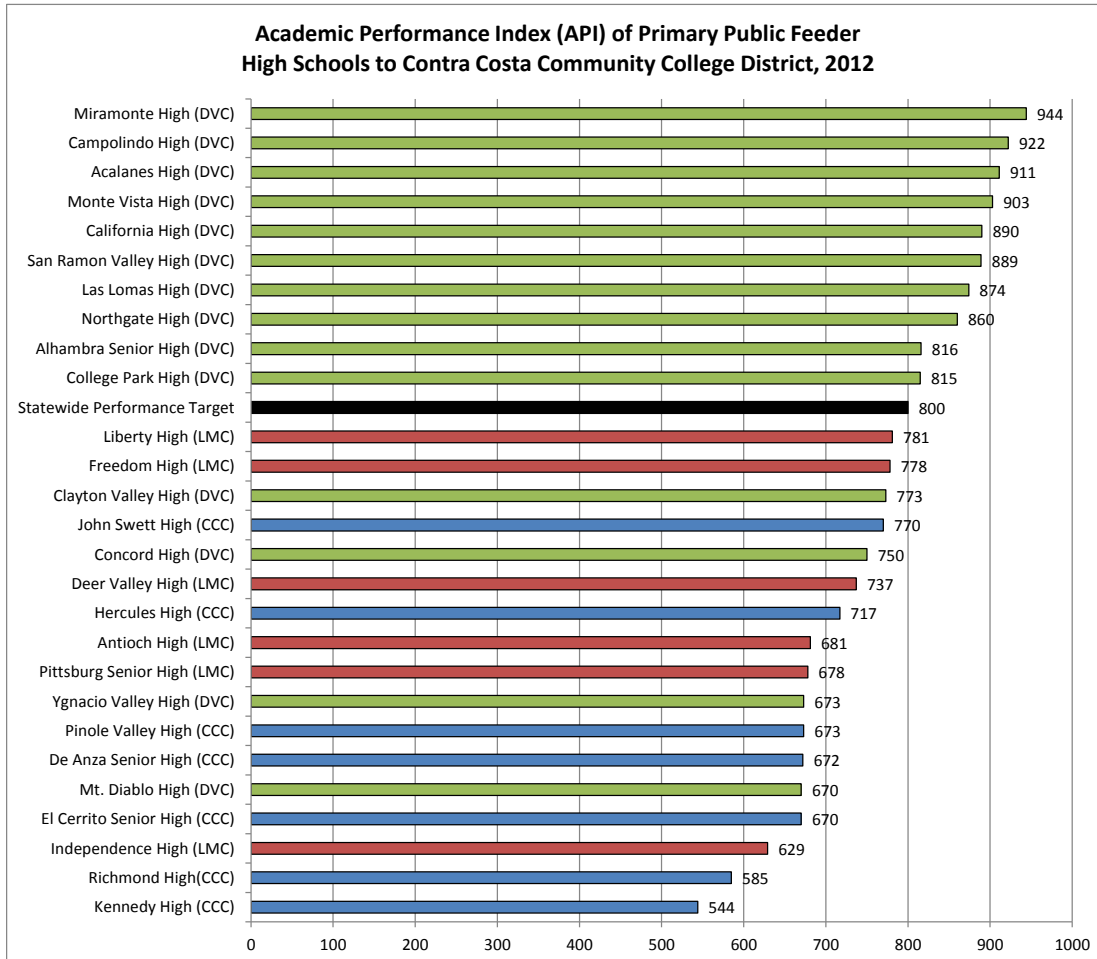
Source: California Department of Education: <http://dq.cde.ca.gov/dataquest>.

Public High Schools Graduates	2000-01		2010-11		Change: 2000-01 to 2010-11	
	n	%	n	%	n	%
	(a)		(b)		(b-a)	(b-a)/a
West County (CCC Feeder High Schools)	1,764	19.3%	1,863	16.5%	99	5.6%
Central County (DVC Feeder High Schools)	5,138	56.2%	6,052	53.7%	914	17.8%
East County (LMC Feeder High Schools)	2,237	24.5%	3,358	29.8%	1,121	50.1%
Total County Public High Schools Graduates	9,139	100.0%	11,273	100.0%	2,134	23.4%

Source: California Department of Education: <http://dq.cde.ca.gov/dataquest>.

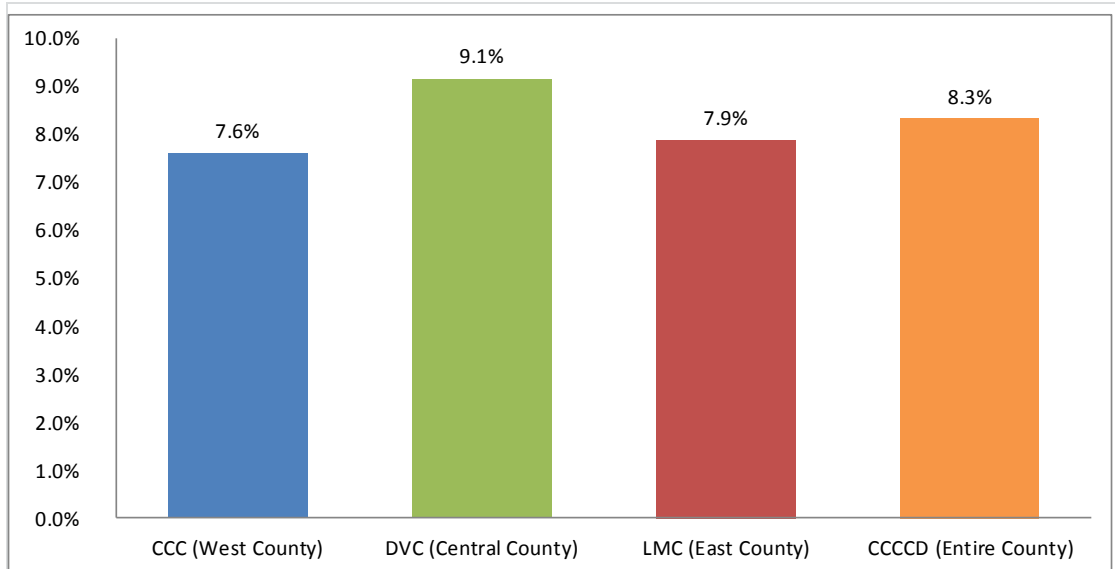
Percent Growth in the Number of Public High School Graduates by County Region, 2000-01 and 2010-11

The Academic Performance Index of LMC’s feeder high schools is below the statewide performance target, resulting in a large percentage of the College’s students requiring remediation in English and math.



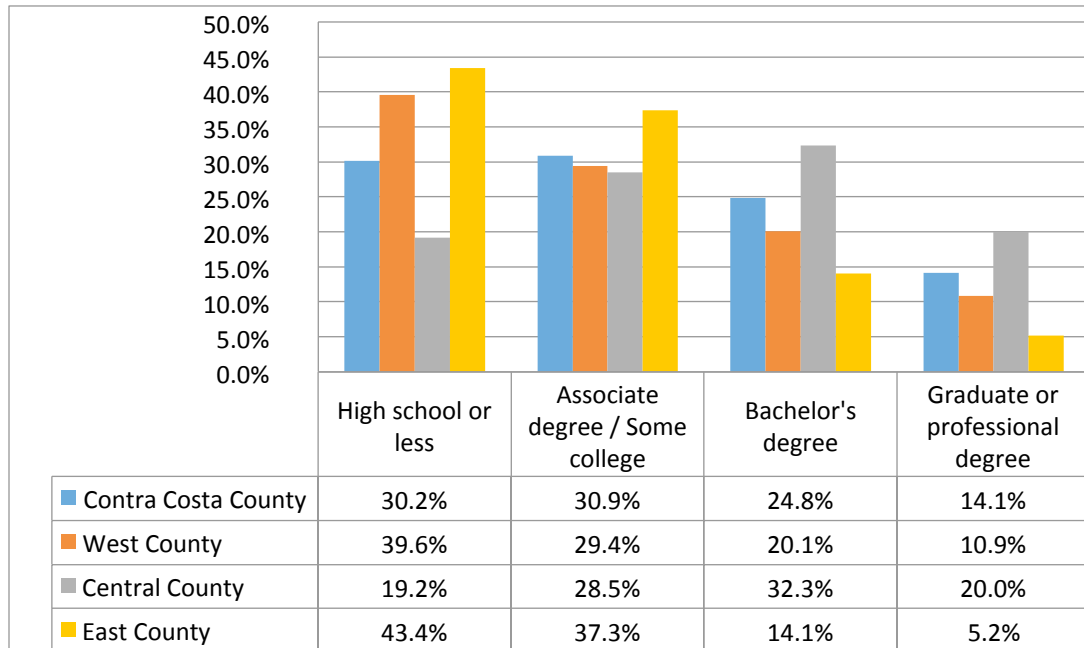
2012 Academic Performance Index (API) of Primary Public Feeder High Schools to Contra Costa Community College District

Approximately eight percent of the residents between the ages of 18 and 64 attended Los Medanos College in 2011-2012. This creates a marketing opportunity for the College to expand educational services that meet the needs of the population.



Source: California Community Colleges, Data Mart and U.S. Census Bureau, 2011 American Community Survey.

Annual Participation Rate of Adults (18-64 yrs.) by County Region, 2011-12



Educational Attainment by County Region, 2011

E. Socio-Economic and Labor Market Data of Service Area

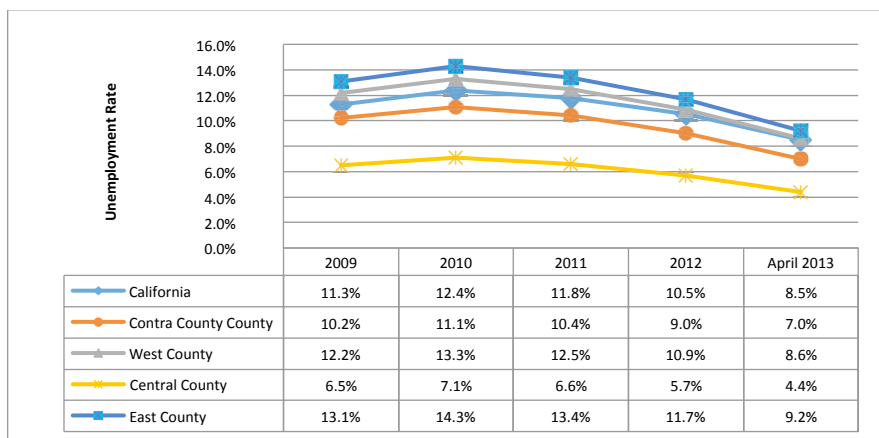
The environmental scan conducted in 2011 by the District Office of Research and Planning indicated that the median household income in Contra Costa County was \$79,135, compared to \$61,632 in California and \$52,762 in the US. The relatively high income level in the county is a reflection of the higher than average level of educational attainment and the relatively high cost of living. Furthermore, 39 percent of the households in Contra Costa County had incomes of \$100,000 or more, compared to 28 percent in California and only 22 percent in the U.S. as a whole. There is undoubtedly a significant income disparity between the “haves” and the “have-nots” in the county. While income for the top tier of the population has increased sharply in the past 20 years, income for the bottom tier has declined. Although the upper middle class has grown, there is still a large unemployed group especially within the big cities.

Geographic Region	2000 (a)	2011 ACS (b)	Change: 2000 to 2011	
			(b-a)	(b-a)/a
United States	\$ 41,994	\$ 52,762	\$ 10,768	25.6%
California	\$ 47,493	\$ 61,632	\$ 14,139	29.8%
Contra County County	\$ 63,675	\$ 79,135	\$ 15,460	24.3%
West County	\$ 50,025	\$ 63,510	\$ 13,485	27.0%
Central County	\$ 73,060	\$ 90,983	\$ 17,923	24.5%
East County	\$ 68,464	\$ 82,640	\$ 14,176	20.7%

Source: 2000 U.S. Census and 2011 American Community Survey (ACS) for Contra Costa

Median Household Income, 2000 and 2011

In Contra Costa County, the unemployment rate in April 2013 was 7 percent, compared to 8.5 percent for California, and 7.1 percent for the United States. While unemployment rates have improved significantly since 2009, the regions within Contra Costa County have experienced improvement at different rates. In East Contra Costa Country, the unemployment rate is the highest at 9.2 percent.



Unemployment Rate – 4 Year Trend

An analysis of the industries and occupations in Contra Costa County provides valuable information for developing and growing LMC's career and technical programs to meet workforce needs in the area. In addition to the data below, information gathered from program advisory boards has identified local strengths – such as the manufacturing industry – in the service area of the College.

NAICS Code	Description	2013 Jobs	2018 Jobs	Change	2012 Avg. Annual Wage
62	Health Care and Social Assistance	56,037	61,132	5,095	\$78,107
44-45	Retail Trade	49,630	52,174	2,544	\$34,874
54	Professional, Scientific, and Technical Services	49,534	52,157	2,623	\$70,461
90	Government	49,136	49,546	410	\$73,085
52	Finance and Insurance	37,231	42,801	5,570	\$82,294
81	Other Services (except Public Administration)	33,214	35,053	1,839	\$27,476
53	Real Estate and Rental and Leasing	33,097	34,526	1,429	\$30,701
72	Accommodation and Food Services	30,935	33,644	2,709	\$21,567
56	Administrative and Support and Waste Management	27,758	28,427	669	\$36,859
23	Construction	26,655	26,488	(167)	\$63,735
31-33	Manufacturing	18,523	18,317	(206)	\$163,264
71	Arts, Entertainment, and Recreation	13,378	14,118	740	\$19,462
61	Educational Services (Private)	11,916	13,174	1,258	\$31,443
51	Information	10,950	11,590	640	\$96,260
42	Wholesale Trade	10,200	10,482	282	\$82,478
48-49	Transportation and Warehousing	9,290	9,608	318	\$49,888
55	Management of Companies and Enterprises	5,886	5,160	(726)	\$115,662
22	Utilities	2,952	3,158	206	\$155,417
21	Mining, Quarrying, and Oil and Gas Extraction	2,809	3,207	398	\$105,853
11	Agriculture, Forestry, Fishing and Hunting	1,667	1,544	(123)	\$31,683
99	Unclassified Industry	1,479	1,609	130	\$70,740
	Total	482,276	507,916	25,640	\$60,595

Source: EMSI Complete Employment - 2013.1

Industries in Contra Costa County, 2013 to 2018 (Projected)

The College has established successful partnerships with industry and the Workforce Development Board of Contra Costa County to establish programs such as Electrical and Instrumentation Technology, Registered and Vocational Nursing, and Process Technology to serve the workforce needs of the regional industry.

Introduction - Evidence List

INT-1	2014-2015 CCCCCO List of Approved Degrees, Certificates, Programs
INT-2	2014 LMC-BRT Accreditation Data
INT-3	College Assembly PowerPoint 4Mar2013
INT-4	College Assembly PowerPoint 1Apr2013
INT-5	CCCCD Governing Board Meeting Minutes 22May2013-LMC Reorganization Approval
INT-6	2014 LMC Administration Organizational Chart
INT-7	LMC Brentwood Center Substantive Change Proposal
INT-8	LMC Distance Education Substantive Change Proposal
INT-9	LMC Fire and Police Academies Substantive Change Proposal
INT-10	2013 LMC Environmental Scan

listed in alpha-numeric order

