

INTRODUCTION

History of Los Medanos College:

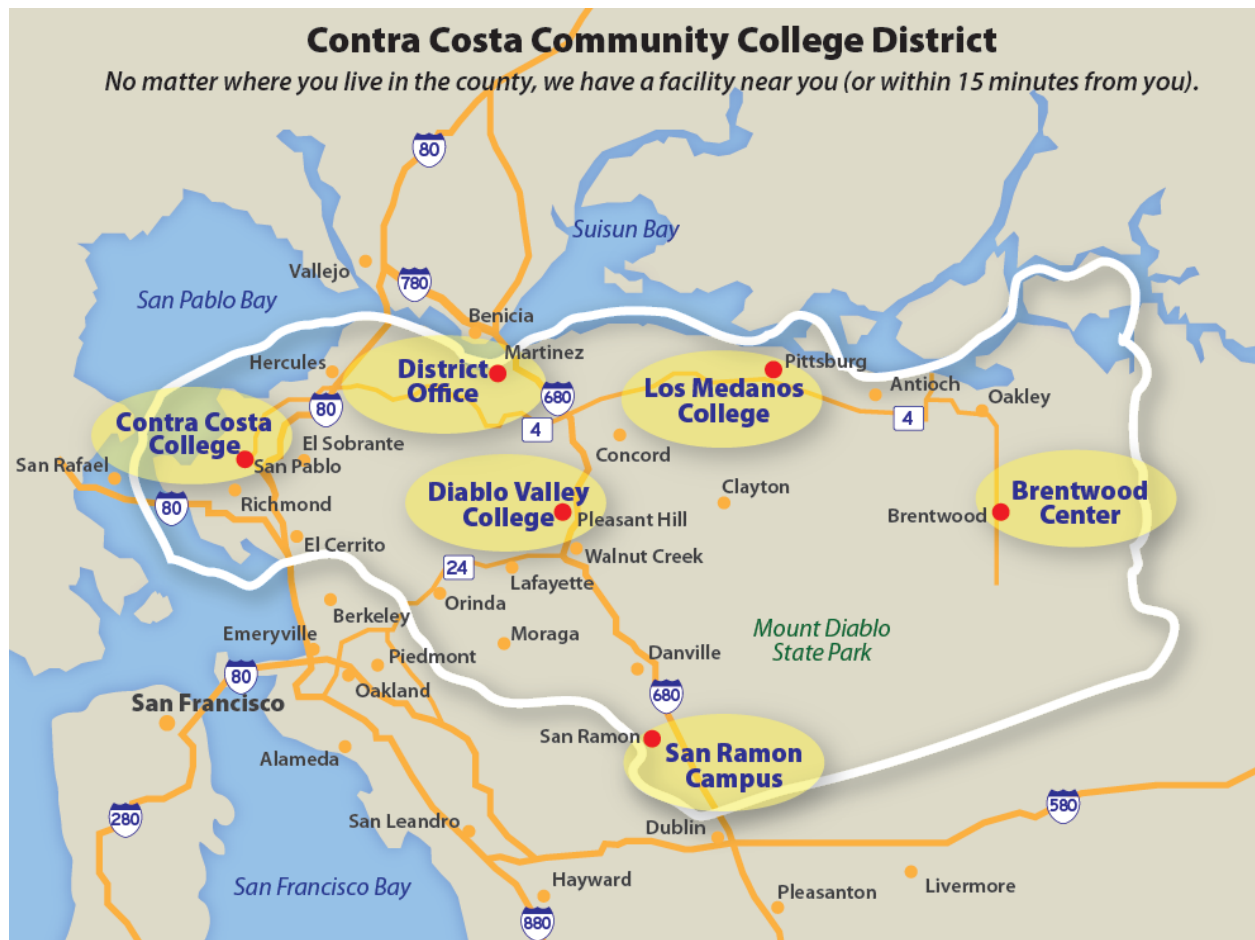
Los Medanos College was established in 1974 as the third and youngest college of the Contra Costa Community College District. Contra Costa College in San Pablo; Diablo Valley College in Pleasant Hill and its Center in San Ramon; and Los Medanos College in Pittsburg, and its Center in Brentwood comprise the Contra Costa Community College District headquartered in Martinez. The District was established in 1948, and is the second oldest multi-college district, and the eight largest of the 72 districts in California. The District enrolled 35,561 unduplicated students in fall 2013.

Los Medanos College is located on a 120-acre site in eastern Contra Costa County in the city of Pittsburg, 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 in 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, industry, and businesses it serves and the 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 local bond in 2002, the college constructed its first new buildings in 2006, since it first opened, adding 109,132 square feet for a library, math and science. The College is remodeling a large section of the original campus complex with 2006 bond funds to create a 38,000 square foot one-stop Student Services Center with a budget of \$25 million, scheduled to open in January 2015.

With the steep growth of residents in East County and the demand for educational options, the College offered its first classes in the summer of 1998 in rented classroom space at the Liberty Adult Education Center in downtown Brentwood, 13 miles east of the Pittsburg campus. Brentwood was the fastest growing city in the state for many years growing 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 the far East County to get to LMC’s Pittsburg campus. After lengthy, but successful negotiations, with the City of Brentwood, the College entered into a 10-year lease for 17,500 square feet of space in half of a former supermarket and began offering classes at the new Brentwood Center in fall 2001. Beginning with 493 students in fall 2001, 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 4,000 square feet. The College is in the process of adding another 1,817 square feet for a multi-purpose science lab scheduled to open in fall 2014. In order to continue to expand and improve educational opportunities for East County residents, the Governing Board of the Contra Costa Community College District, in 2012, approved the purchase of a 17-acre parcel for an 88,000 square foot permanent Brentwood Center in The Vineyards at March Creek development when funds are available. The Center received official “Center Status” in spring 2012. 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, Pittsburg, California 94565; and the Brentwood Center located at 101A Sand Creek Road, Brentwood, CA 94513.



Los Medanos College offers lower division college programs that prepare students for transfer to a four-year college or university. The College offers a wide variety of technical, career-oriented, and professional programs of study that lead to careers and employment. As of March 2014, students can choose from 32 associate degree programs (including 13 degrees for transfer), 34 certificates of achievement, and 51 locally approved Skills Certificates.

Los Medanos College enrolled 8,746 unduplicated students at census in fall 2013 in 782 sections with a total enrollment of 22,973. The College employs 113 full-time faculty, 258 adjunct faculty, 118 full-time monthly classified staff, and 21 administrators.

Major Developments since the Last Self Evaluation Report of Educational Quality and Institutional Effectiveness

In 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 the Interim President of Diablo Valley College for the rest of the 2010-2011 academic year, due to the unexpected retirement of the president of Diablo Valley College for health reasons. The Senior Dean of Instruction at Los Medanos College was appointed as the Interim President of Los Medanos College for the academic year.

As a result of an unsuccessful search process for a new president at Diablo Valley College, the Governing Board of the Contra Costa Community College District appointed the Interim President of Diablo Valley College as the permanent president of the College. The Senior Dean of Instruction at Los Medanos College continued to serve as the Interim President of Los Medanos College 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 many in the management team had served the College since the college first opened in 1974. At the end of the 2012 academic year, several senior and long-time managers retired. This included the vice president of administrative services, senior dean of instruction, and dean of liberal arts and science.

The new president authorized a search for a new vice president of instruction and student services which resulted in a successful hire in fall 2012.

The 2012-2013 academic year was a year of transition. A new organizational structure was proposed and discussed in several college assemblies during the spring 2013 semester and it received Governing Board approval for implementation in July 2013.

The new structure resulted in the creation of some new positions and restructured some existing positions. This 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 student services and learning communities, and a restructured position entitled dean of counseling and student support. The existing structure of one senior dean of instruction along with two deans of instruction was restructured into three deans of instruction each with some career technical and general education responsibilities to enhance integration between different programs and break down previous silos. The existing senior dean of student services was appointed as the lead administrator for the Brentwood Center to align student services between the Pittsburg campus and the Brentwood Center. The senior dean of student services serves as the chief student services officer (CSSO). The responsibility for instructional programs at the Pittsburg campus and the Brentwood Center lies with the vice president of instruction and student services as the chief instructional officer (CIO) for the college.

Construction and Remodeling

The College received \$150 million from the 2002 and 2006 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 visit. The projects since the last visit include expansions to the current Brentwood Center, and remodeling of the College Complex such as the area for Registered Nursing, Vocational Nursing, EMT, Graphic Arts and Ceramics lab, Journalism, and Planetarium. The one-stop Student Services Center remodeling began in December 2012 and will be completed by January 2015. During the student services remodeling, the various student services units have been relocated into renovated swing spaces in the College Complex.

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

Service Locations – names and locations including address of sites where 50% or more of a program is available to students.

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 at 2945 Treat Boulevard, Concord, CA 94518, 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 in downtown Pittsburg at 340 Marina Boulevard, Pittsburg, CA 94565.

Substantive Change Proposals

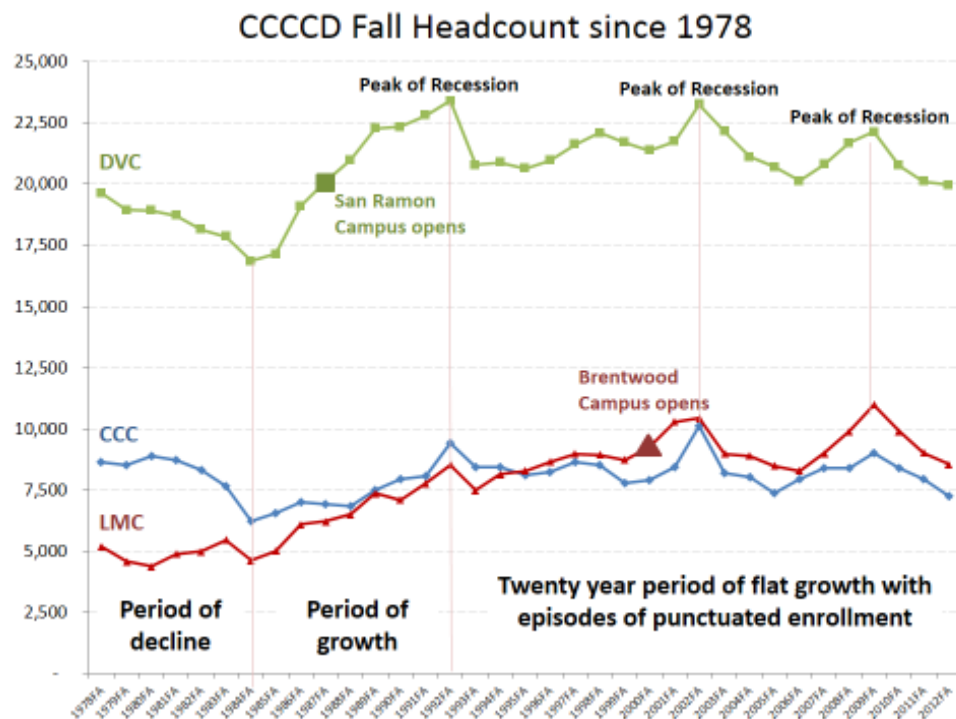
Three Substantive Change proposals have been submitted and have received approval since the last reaffirmation of accreditation. In March, 2013 the College received approval to offer 10 associate degrees and certificates with more than 50 percent of the program offered through the distance education modality. In November, 2013, the College received approval for the Brentwood Center, where the College now offers at least half the courses required for an associate degree. Finally, in November, 2013 the College received approval for two off-site locations where students can complete at least half the courses required for the Fire Academy and also half the courses required for the Police Academy contracted with a non-regionally accredited organization.

Student Enrollment Data and Demographics

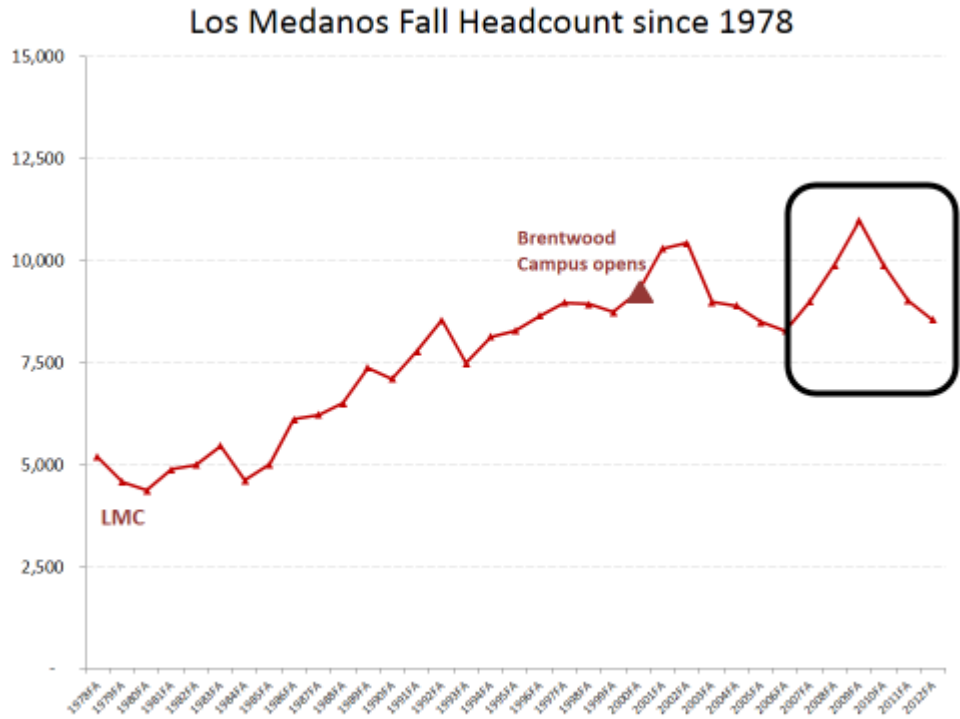
There are regional differences in industry and business across Contra Costa County. In East County, the major industries are heavy manufacturing, power generation, agriculture, health care and retail business. This has determined the mix of career and technical education programs offered by the college.

Head count and Enrollments:

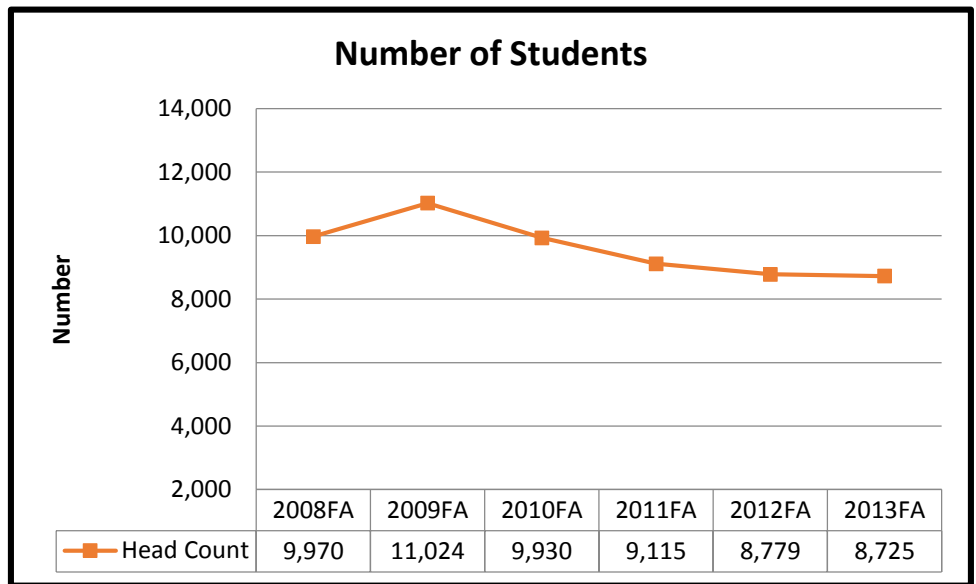
Los Medanos College has steadily increased in the headcount of unduplicated students over the last 40 years. Student headcount peaked in fall 2009, and dropped markedly in fall 2010 when the state instituted “workload reductions”.



Chart/Table #1: District student headcount trend over time



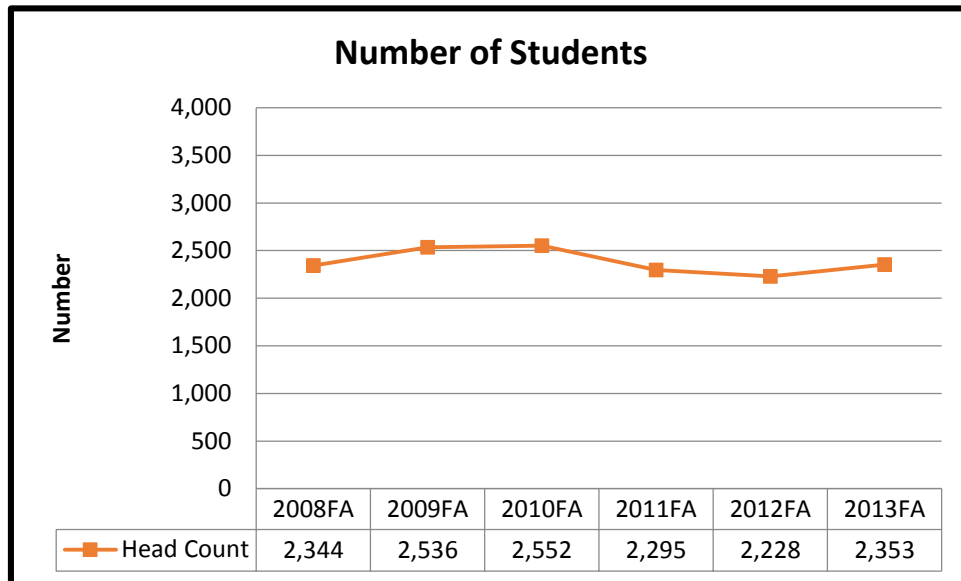
Chart/Table #2: LMC student headcount trend over time



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

Chart/Table #3: 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 other colleges or Centers in the District, since Brentwood and the cities around it are facing the fastest growth in the county.



COLLEGE TOTAL		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students	Total	2,344	2,536	2,552	2,295	2,228	2,353

Chart/Table #4: Brentwood student headcount over last 5 years

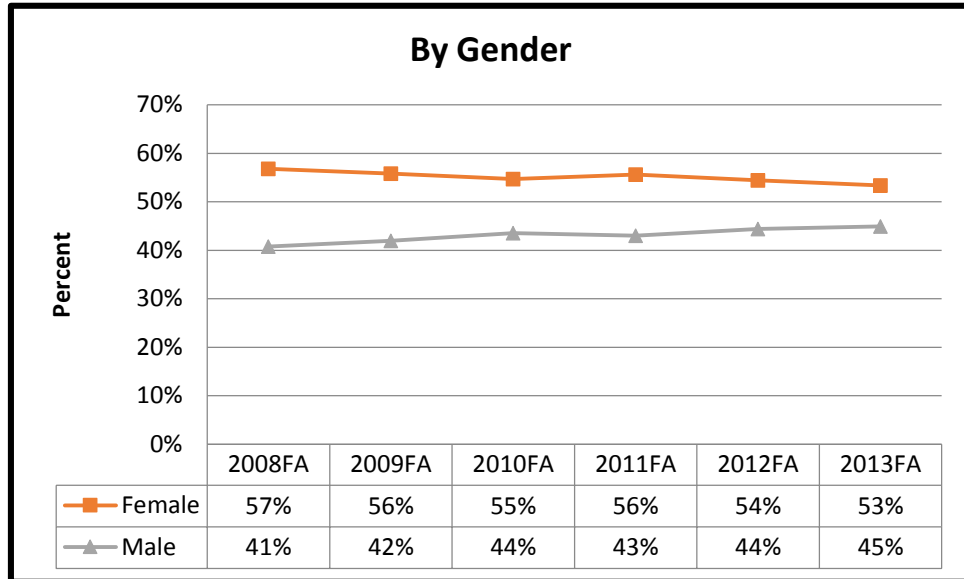
Enrollments in all courses by instructional method also peaked in fall 2009. The greatest growth has been in hybrid instruction.

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

Chart/Table #5: 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% more females in 2008 to 8% more females in 2013.

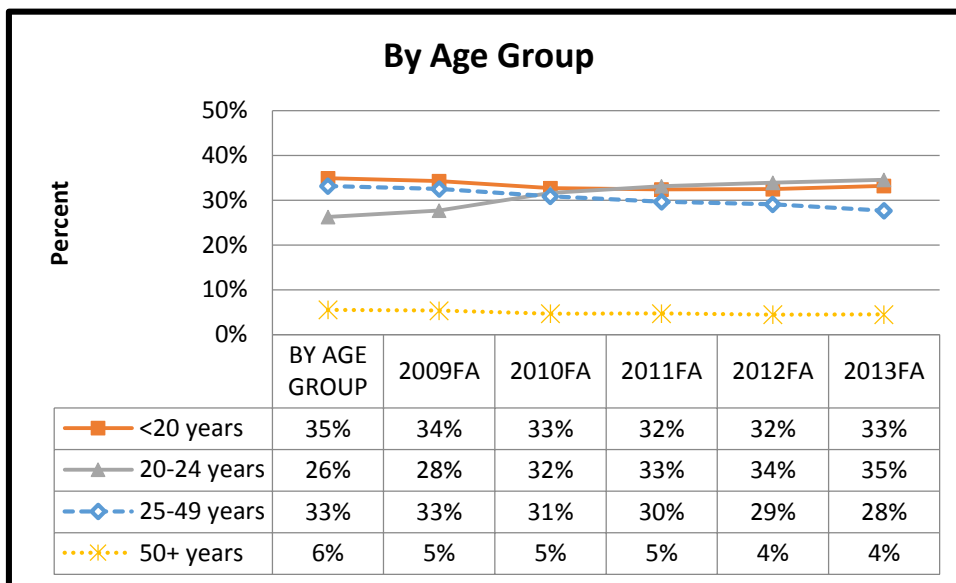


BY GENDER		2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Percent of Students by Gender	Female	57%	56%	55%	56%	54%	53%
	Male	41%	42%	44%	43%	44%	45%
	Unknown	2%	2%	2%	1%	1%	2%
Number of Students by Gender	Female	5,663	6,152	5,430	5,070	4,779	4,658
	Male	4,066	4,628	4,326	3,920	3,897	3,920
	Unknown	241	244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

Chart/Table #6: Gender trend in the last 5 years.

Age:

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

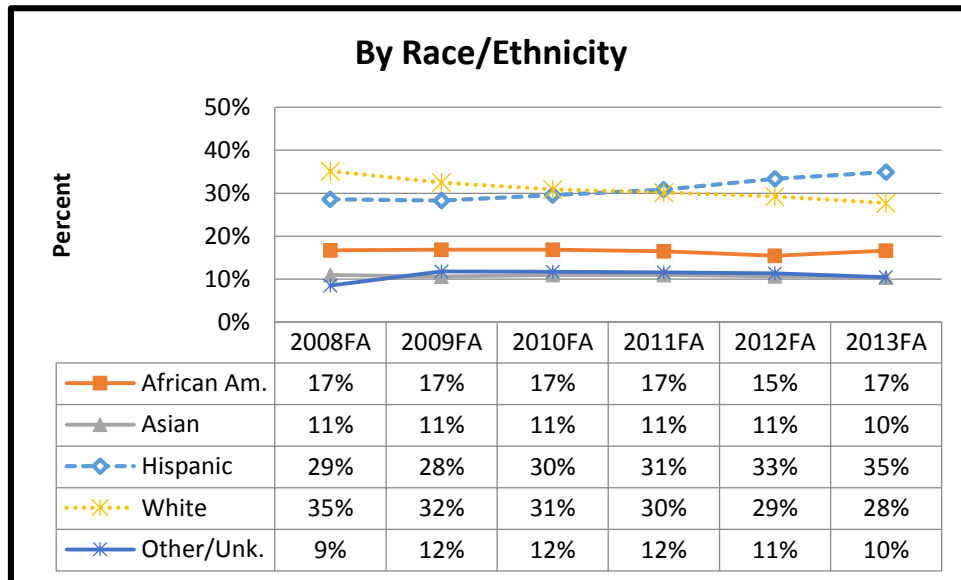


BY AGE GROUP	BY AGE GROUP	BY AGE GROUP	2009 FA	2010FA	2011FA	2012FA	2013FA
Percent of Students by Age Group	< 20 years old	35%	34%	33%	32%	32%	33%
	20 to 24 years old	26%	28%	32%	33%	34%	35%
	25 to 49 years old	33%	33%	31%	30%	29%	28%
	50 + years old	6%	5%	5%	5%	4%	4%
	Age unknown	0%	0%	0%			
Number 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			

Chart/Table #7: Age trend in the last 5 years.

Ethnicity:

Los Medanos College’s student population is becoming increasingly 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. Students declaring themselves as Multi-Racial has increased from 3 percent to 8 percent during this. All the other ethnic groups have remained fairly stable during this period.



BY RACE/ETHNICITY		2008	2009	2010	2011	2012	2013
		FA	FA	FA	FA	FA	FA
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
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

Chart/Table #8: Ethnicity trend in the last 5 years.

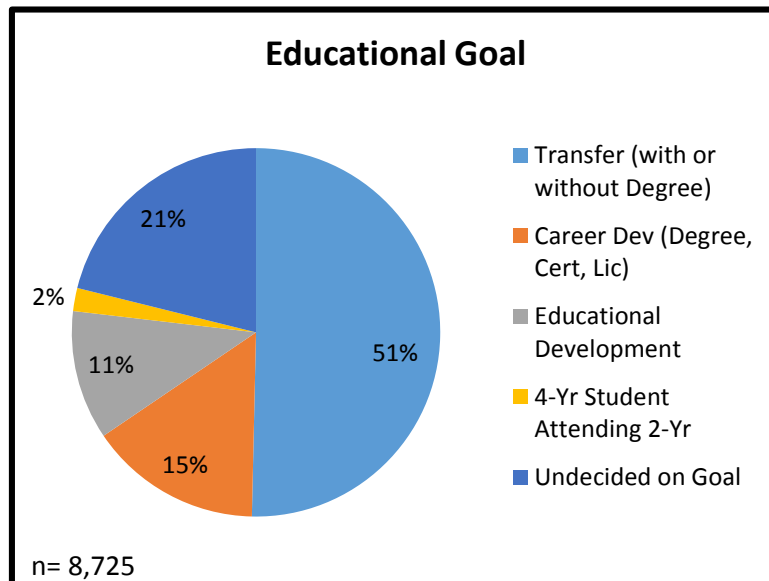
Financial Aid:

The percentage of students receiving financial aid in 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

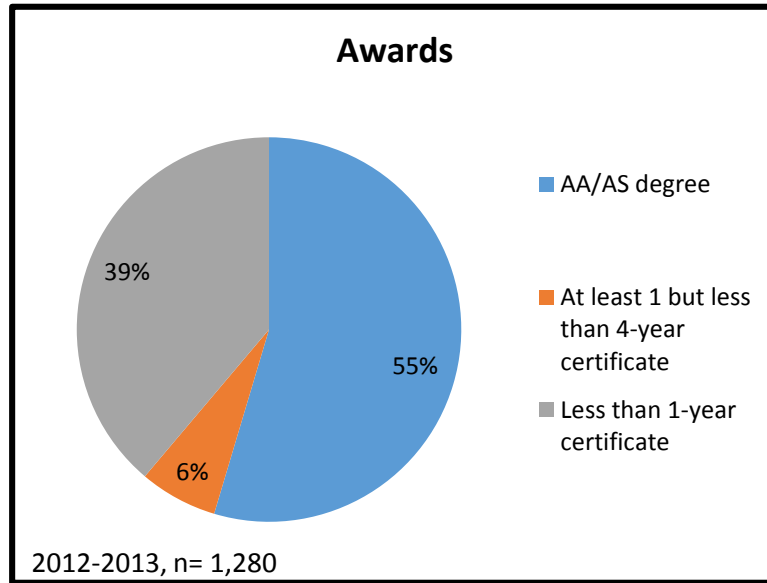
Educational Goal:

In fall 2013, half the students stated that their goal was to transfer, while 15 percent 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 including encouraging students to select a major or pathway early to motivate students to complete the program, connect them with a community of like-minded students by joining learning communities, so as to reduce the time to completion, transfer or employment. The marketing department has developed a robust campaign called “Become a Major Success” in close partnership with the instructional programs and student services to encourage student to select a pathway early. College orientations include information on all the majors offered on campus.



Student Achievement - Completion:

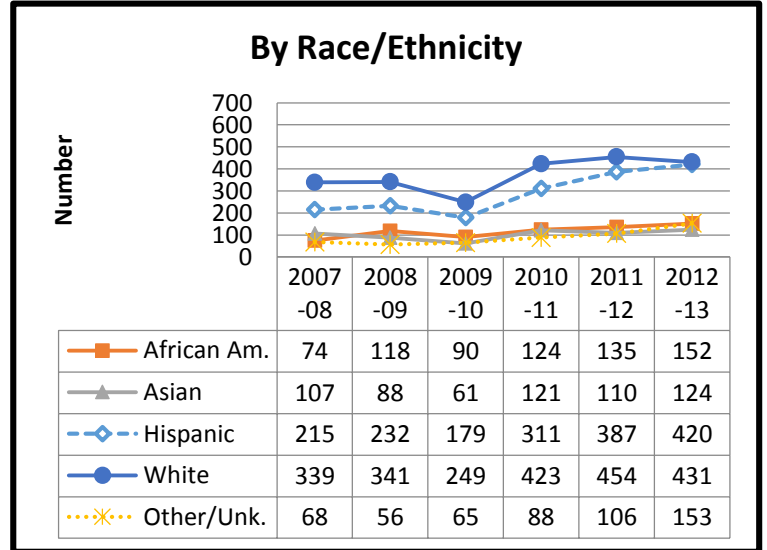
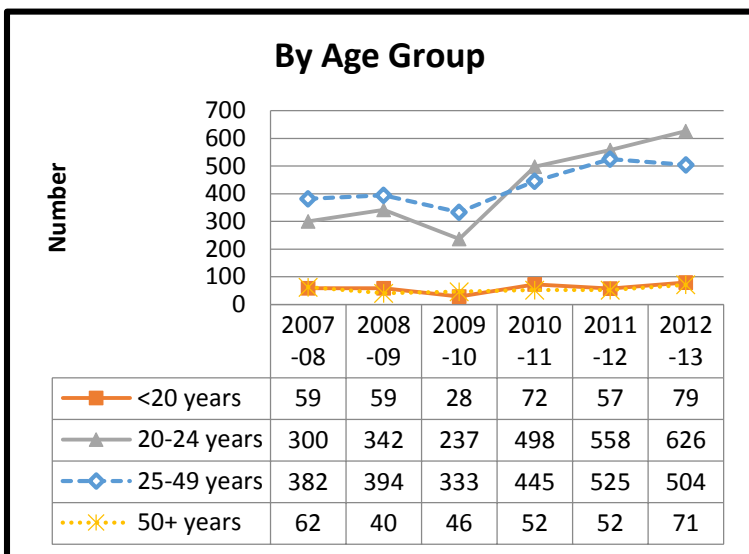
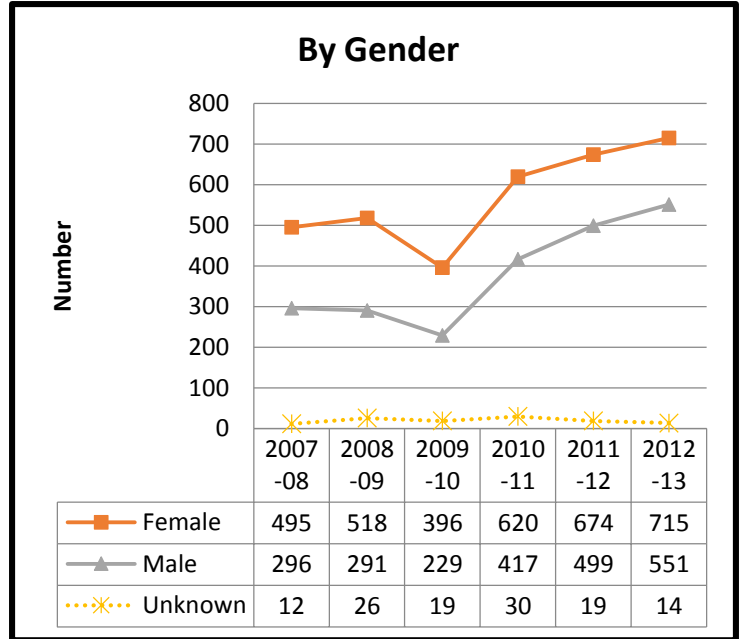
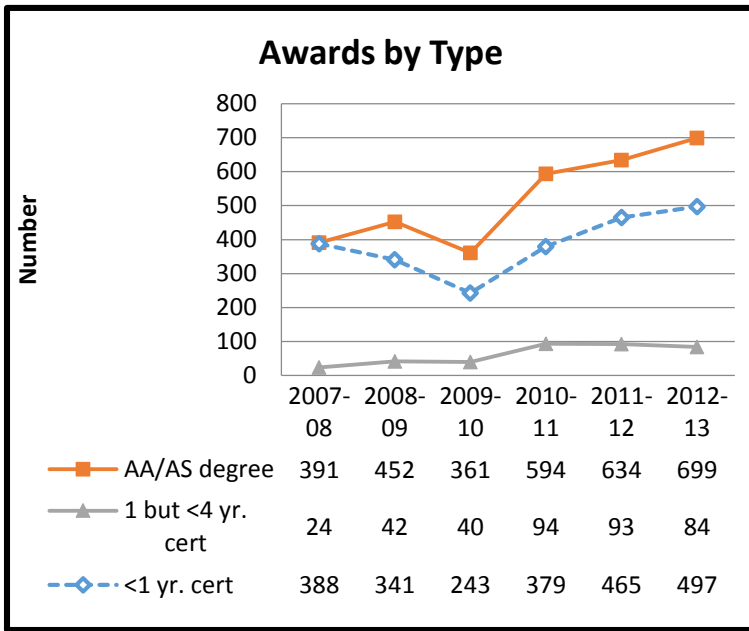
Completion at the end of the 2012-2013 academic year indicates that half the students graduated with degrees and half with certificates.



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 certificates completed within one year has increased 39 percent. Several college initiatives such as ‘The Big O’ in 2010-2011, 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

Los Medanos College 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

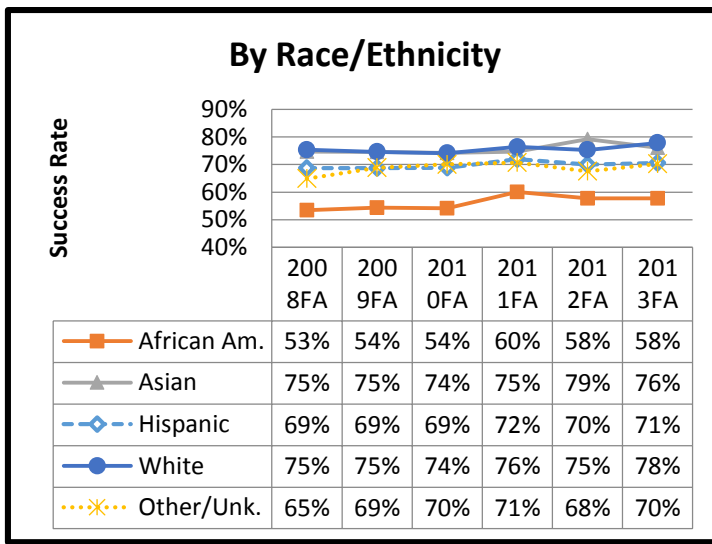
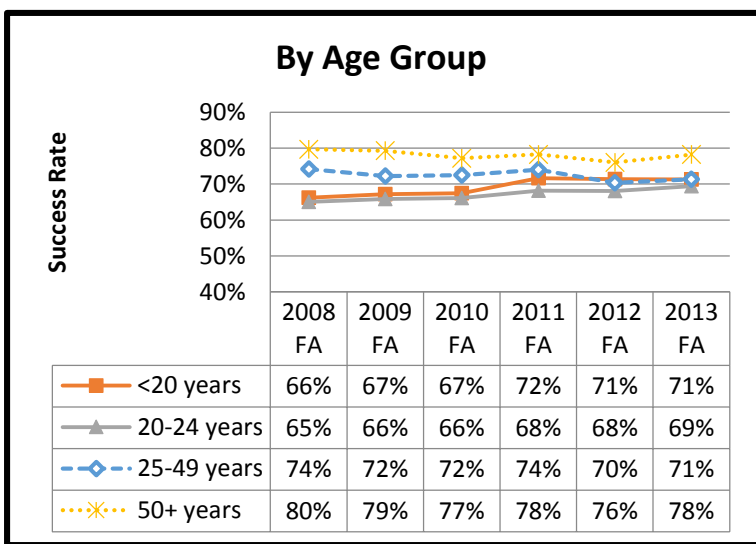
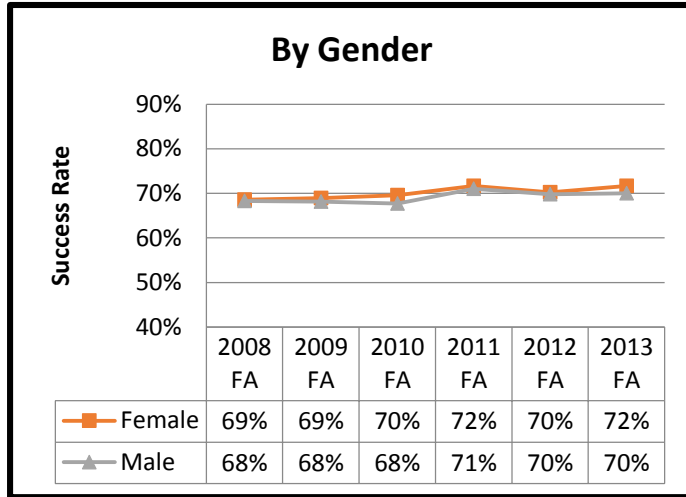
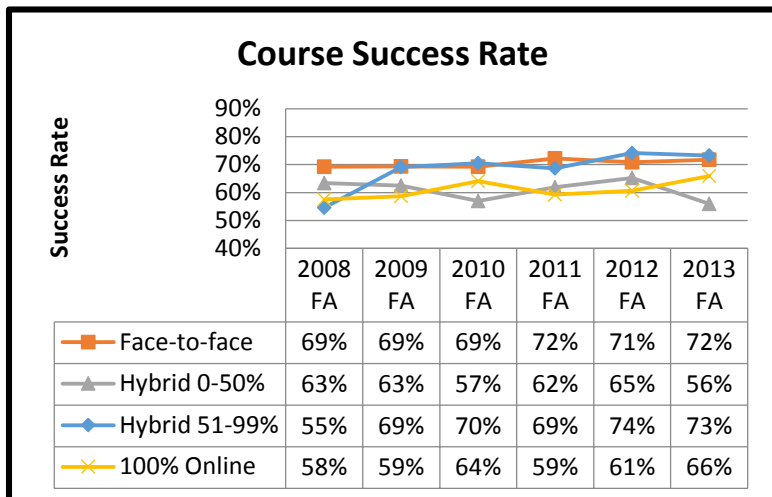
GENERAL ED. COURSES	2008FA	2009FA	2010FA	2011FA	2012FA	2013FA
Number of Students (Head Count)	8,982	9,947	9,446	8,710	8,406	8,391
Percent Receiving Financial Aid	37%	42%	47%	52%	54%	54%
Course Success Rate	68%	68%	69%	72%	71%	71%
Course Retention Rate	84%	82%	83%	86%	86%	85%
Fall-to-Spring Persistence 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 and retention for different delivery modes:

The success rate for courses – basic skills, CTE and general education - indicates that the gap between fully online and face-to-face or more than 50 percent online classes is closing. The retention rate for all courses demonstrates no gap between full online and face-to-face or more than 50 percent online classes.

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

Los Medanos College Course Success Rate by Demographic Group



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.

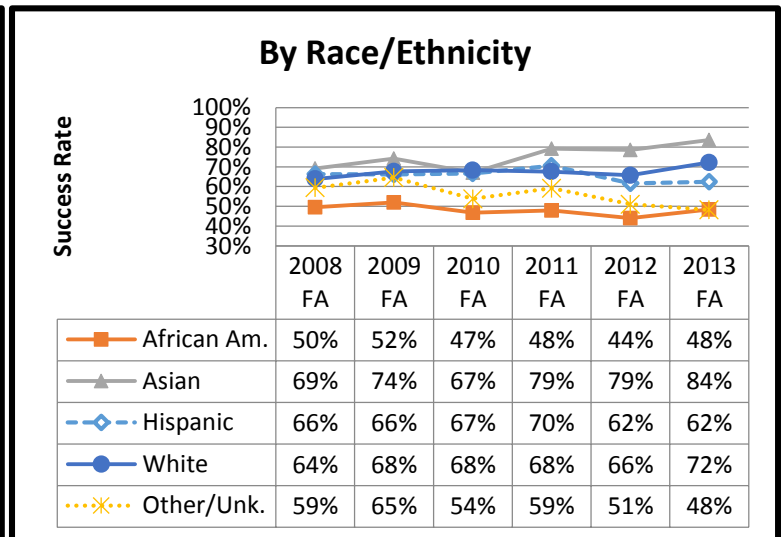
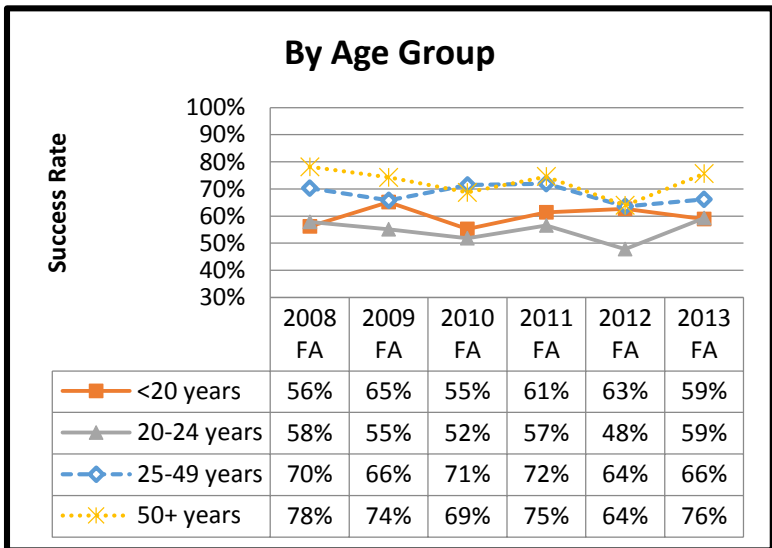
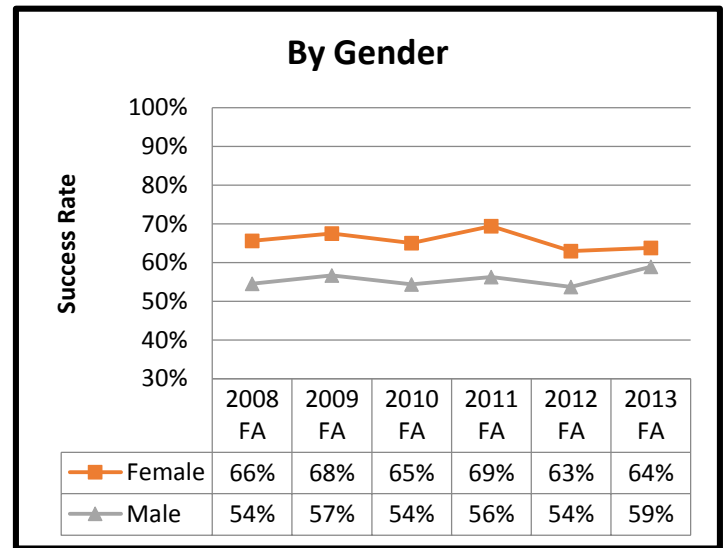
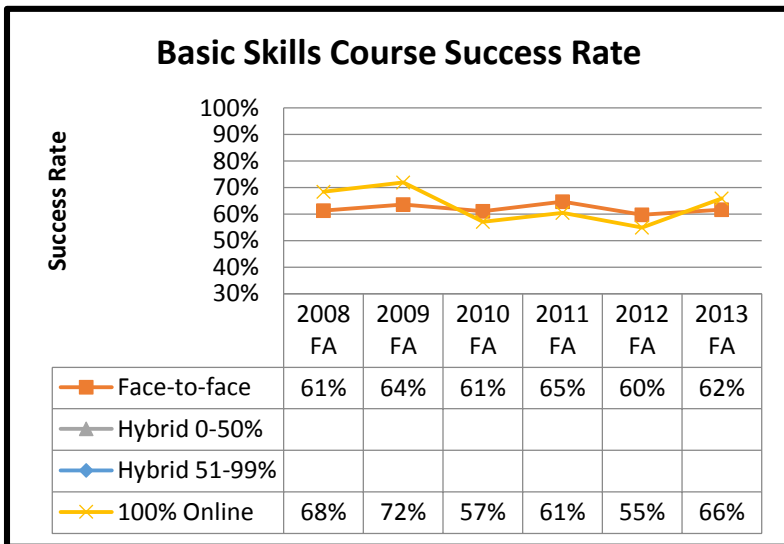
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Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W

Excluded grade notations: MW, RD

Success and retention for basic skills:

**Los Medanos College
Basic Skills Course Success Rate 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

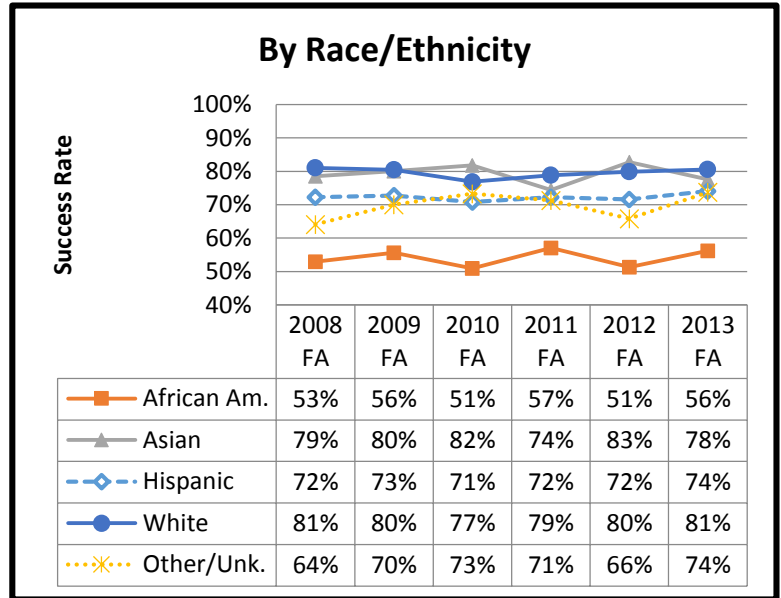
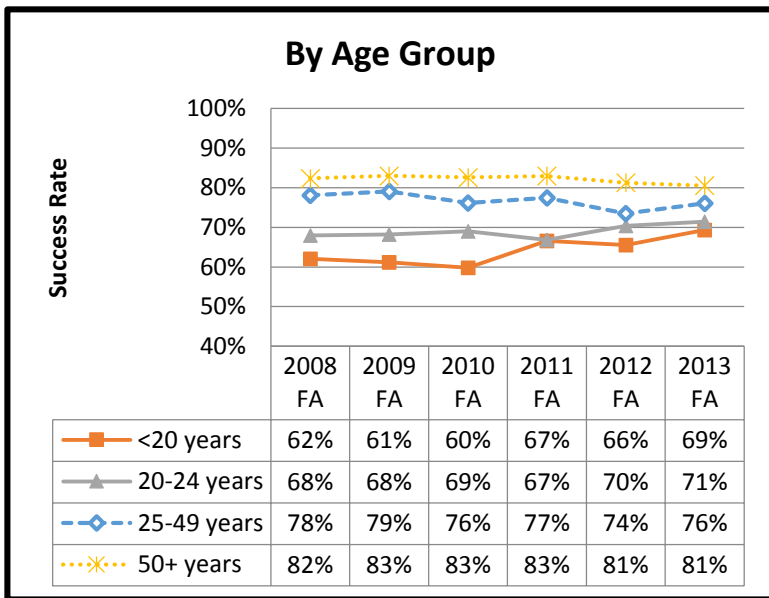
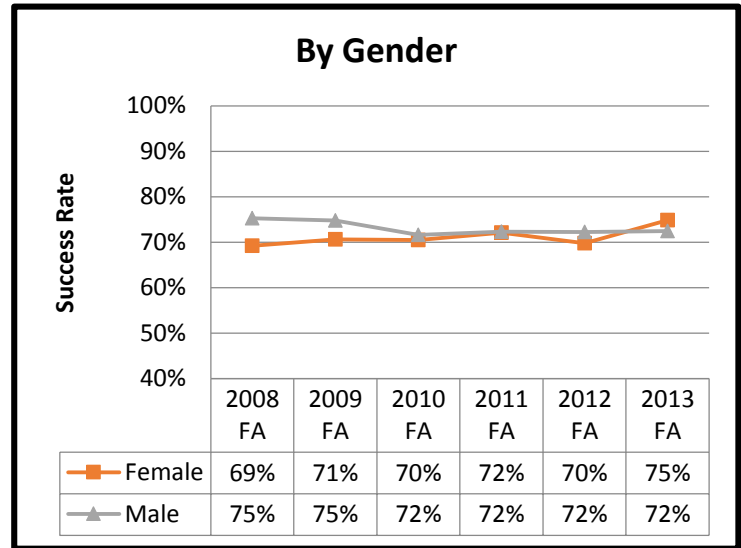
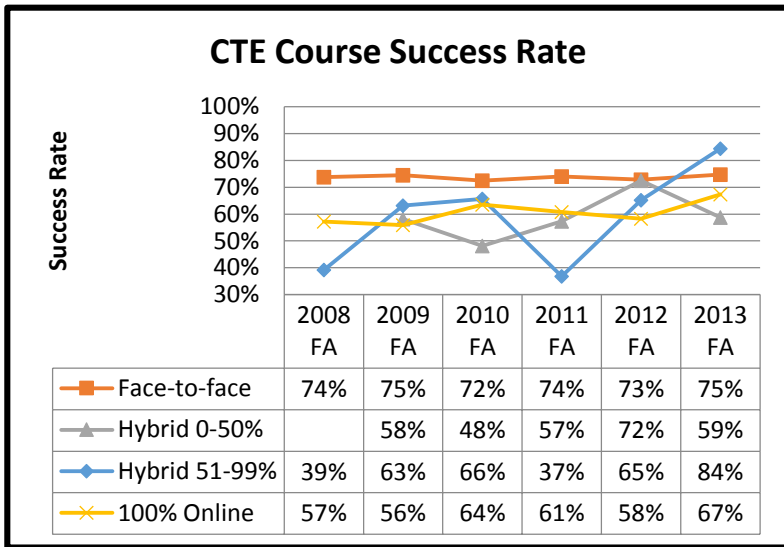
Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W

Excluded grade notations: MW, RD

Success and retention CTE programs:

Los Medanos College

Career and Technical Education (CTE) Course Success Rate by Demographic Group



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.

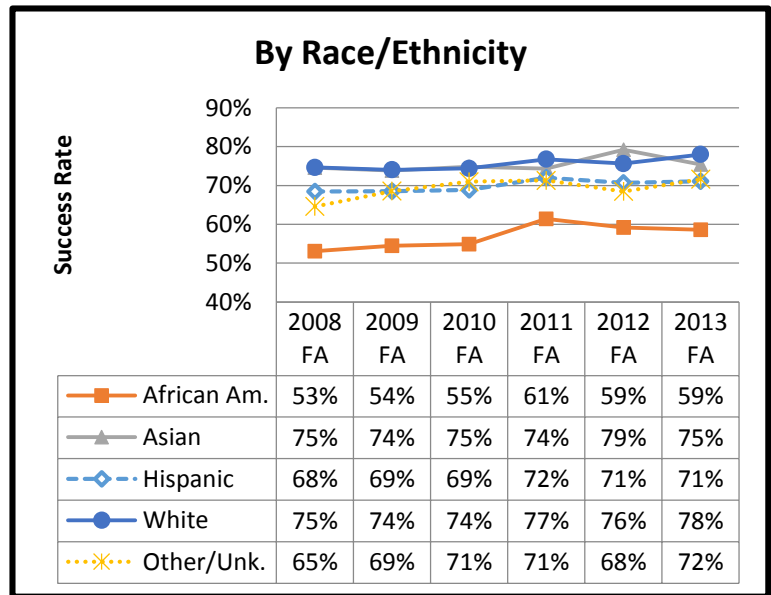
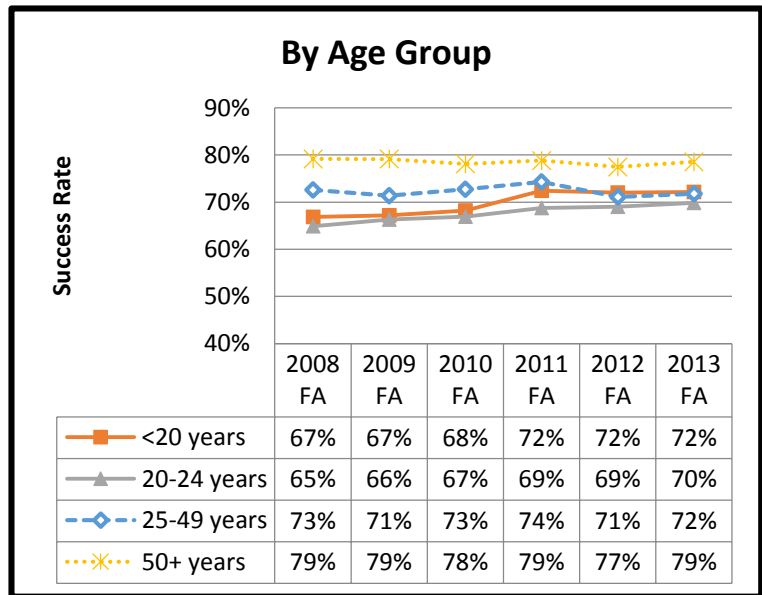
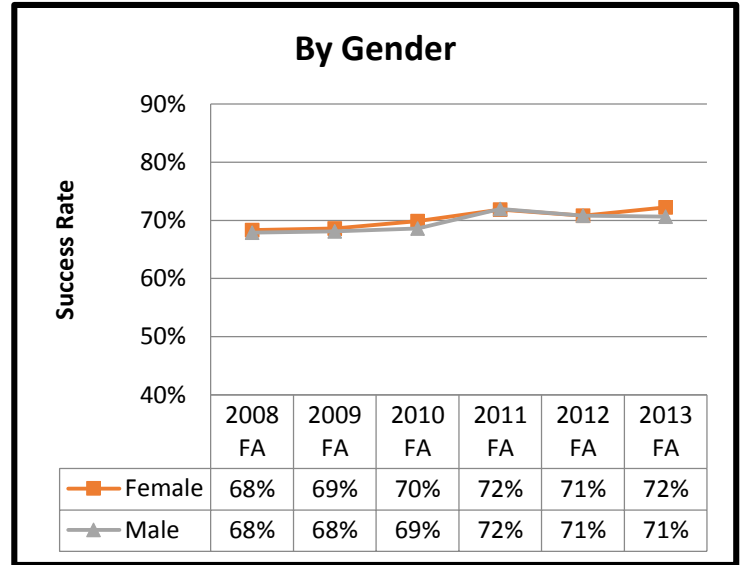
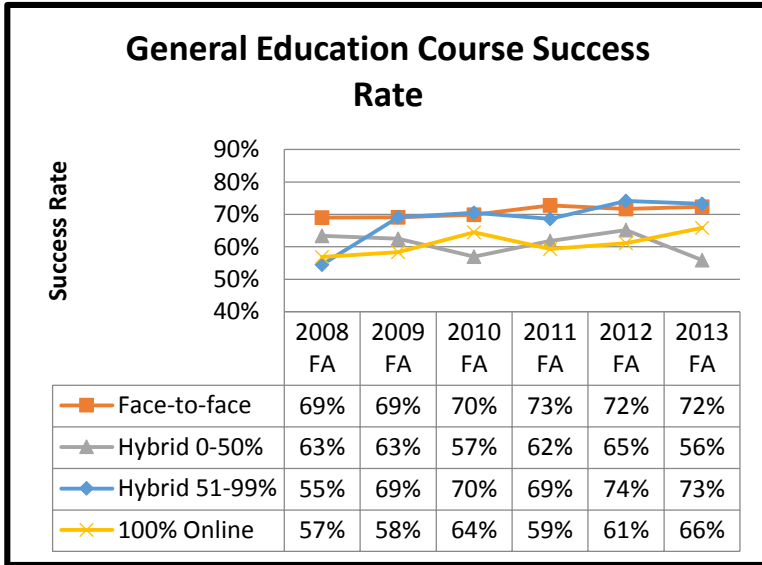
Numerator: A, B, C, CR, IA, IB, IC, IP, P

Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W

Excluded grade notations: MW, RD

Success and retention for General Education programs:

**Los Medanos College
General Education Course Success Rate by Demographic Group**



Course Success Rate: Percentage of students who receive a passing/satisfactory grade.

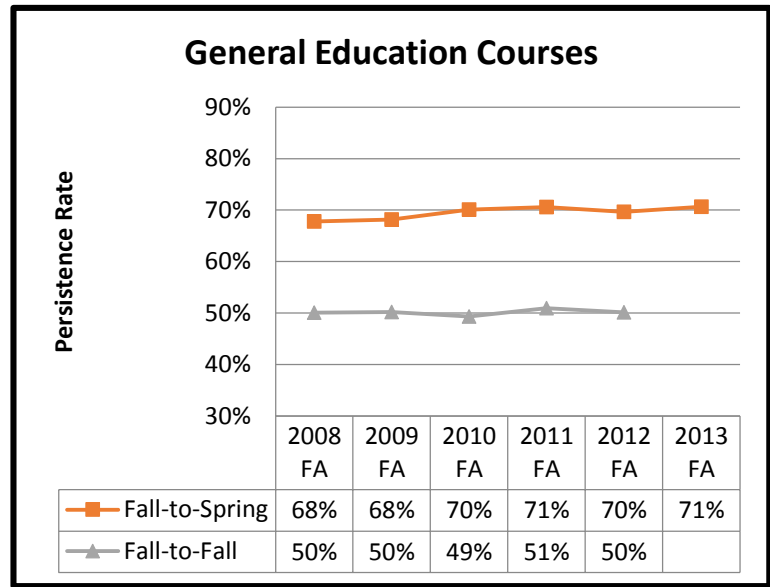
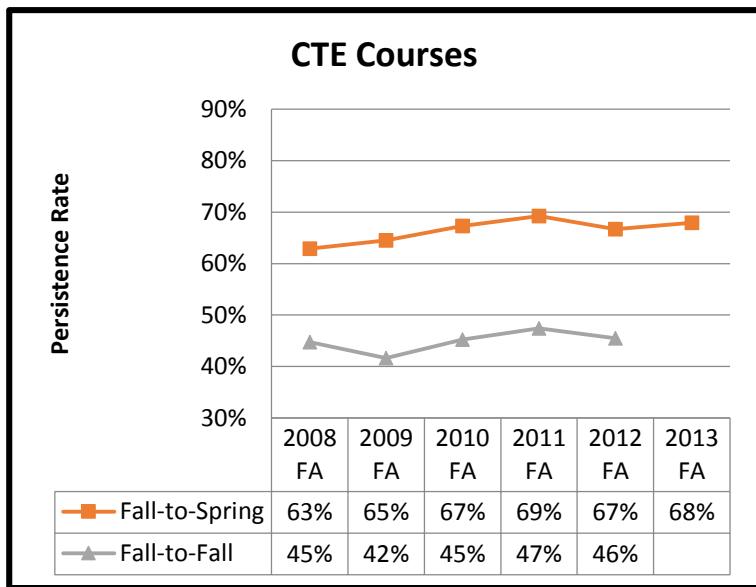
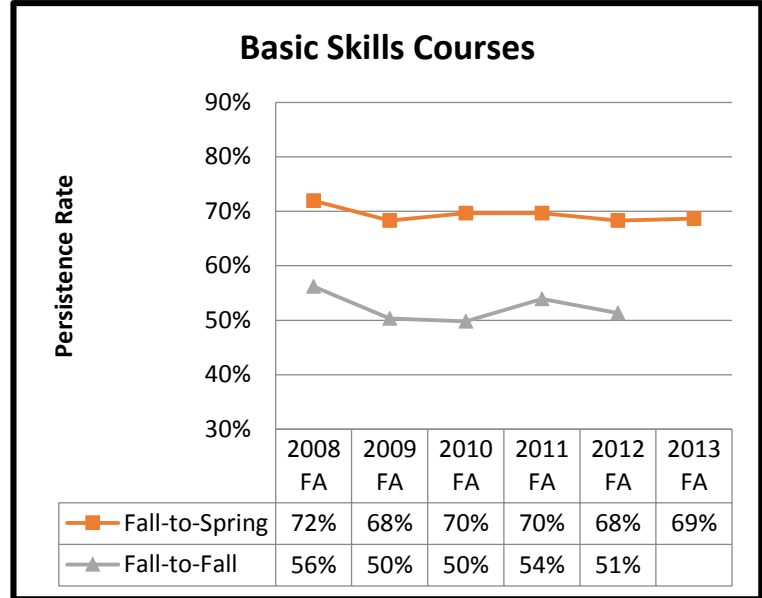
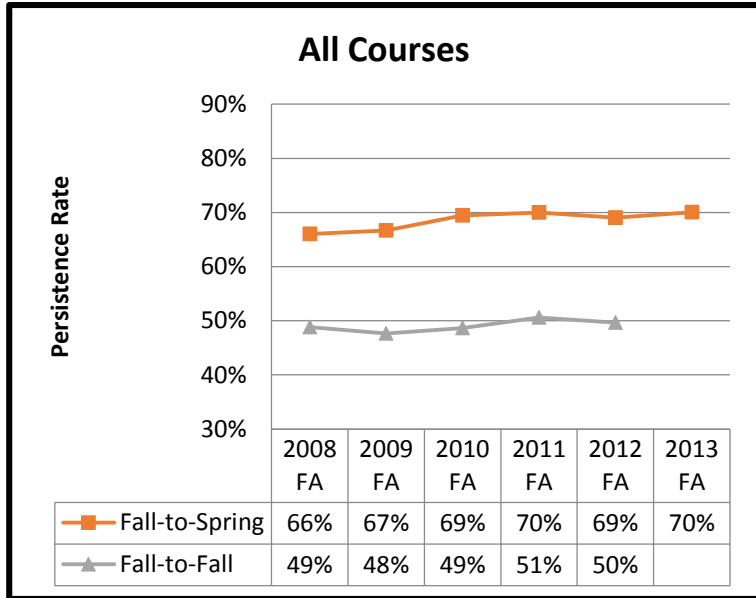
Numerator: A, B, C, CR, IA, IB, IC, IP, P

Denominator: A, B, C, CR, D, F, IA, IB, IC, ID, IF, IN, P, NC, NP, P, W

Excluded grade notations: MW, RD

Persistence Rates by course:

**Los Medanos College
Persistence Rates by Type of Course**



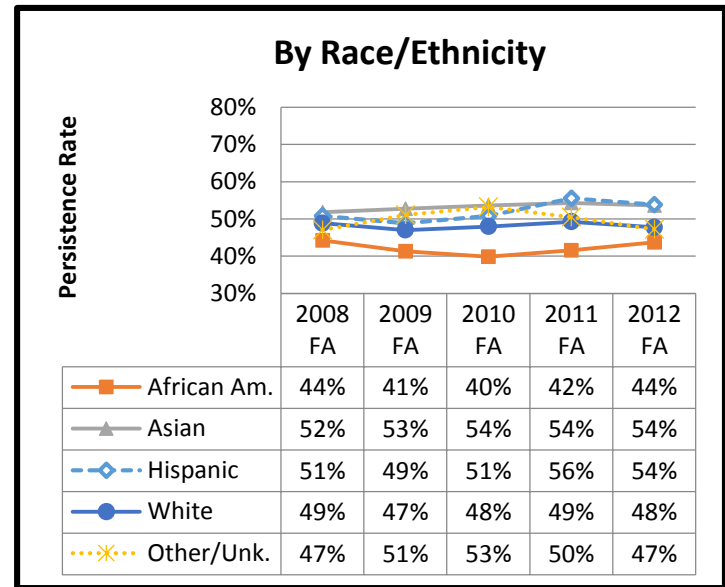
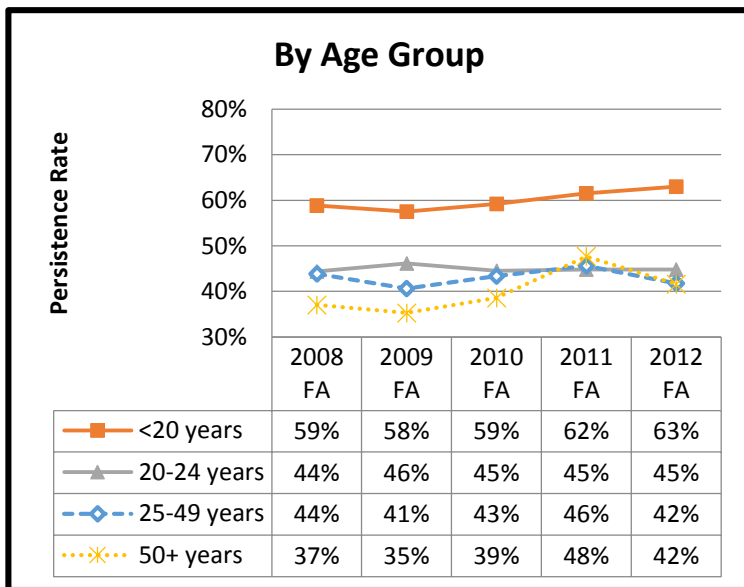
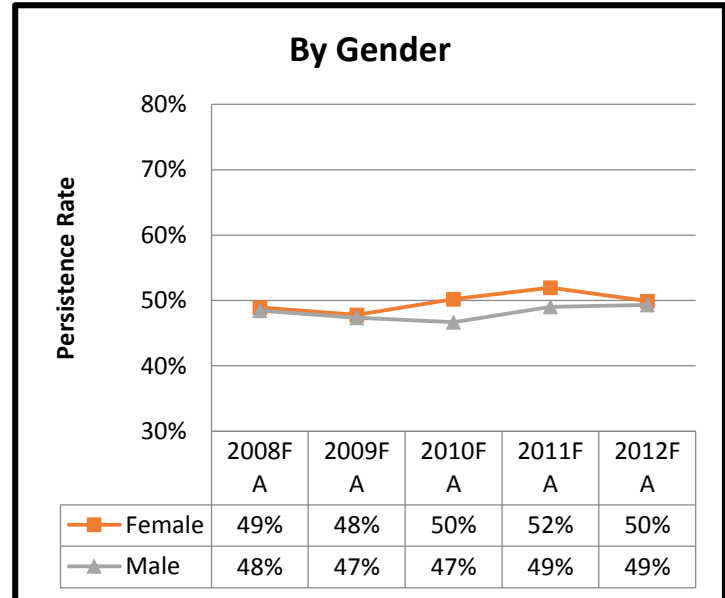
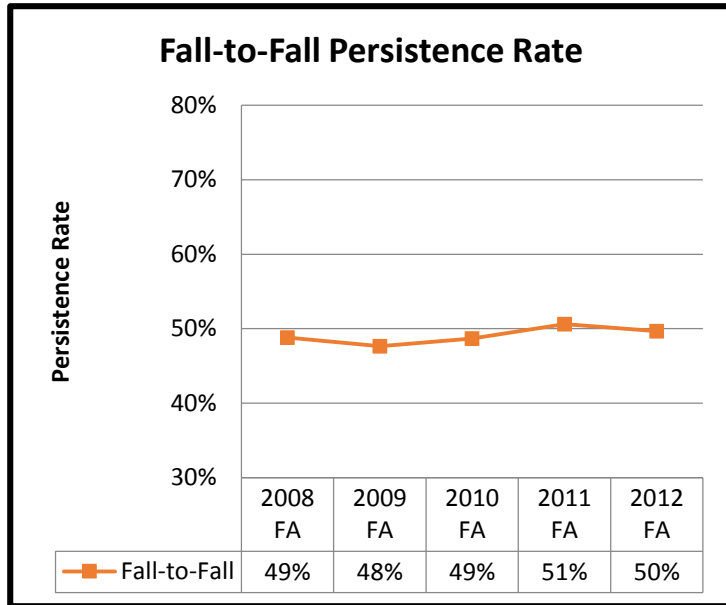
Persistence Rate: Percentage of students who are enrolled as of census for an initial and a subsequent term.

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 fall-to-fall:

**Los Medanos College
Fall-to-Fall Persistence Rate for All Courses by Demographic Group**



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.

Transfers to UC, CSU and privates:

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

Environmental Scan and Demographics of the Los Medanos College Service Area

An environmental scan conducted by the District's research office in spring 2013 demonstrates that the East County region of Contra Costa County continues to be the most rapidly growing region in terms of overall population and is growing almost three times faster than Contra Costa County overall.

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.

Table: 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.

Table: Change in Age Distribution by County Region, 2000 to 2011

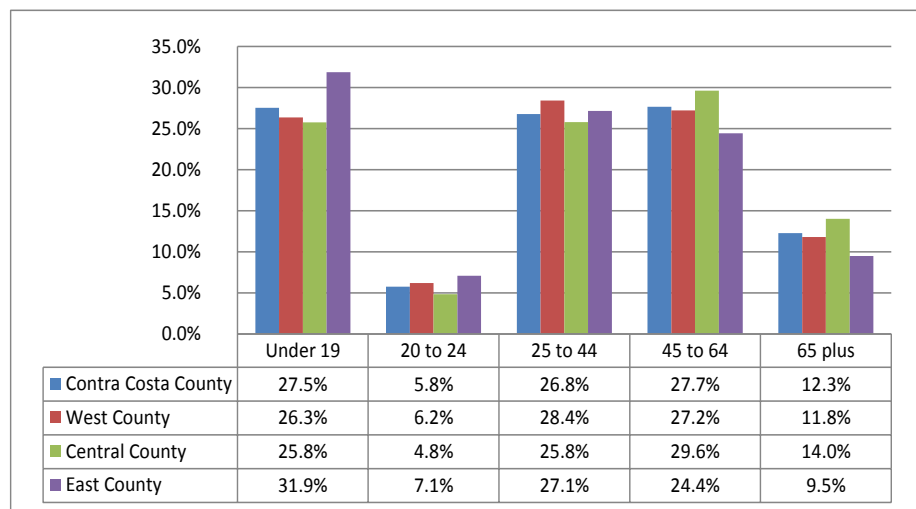


Figure: Age Distribution by County Region, 2011

In terms of race and ethnicity, the East County region is diverse and becoming more diverse. The fastest growing population is Hispanic followed by African American and Asian/Pacific Island. The white population is reducing. The foreign-born population is also growing rapidly in east Contra Costa County – 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.

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

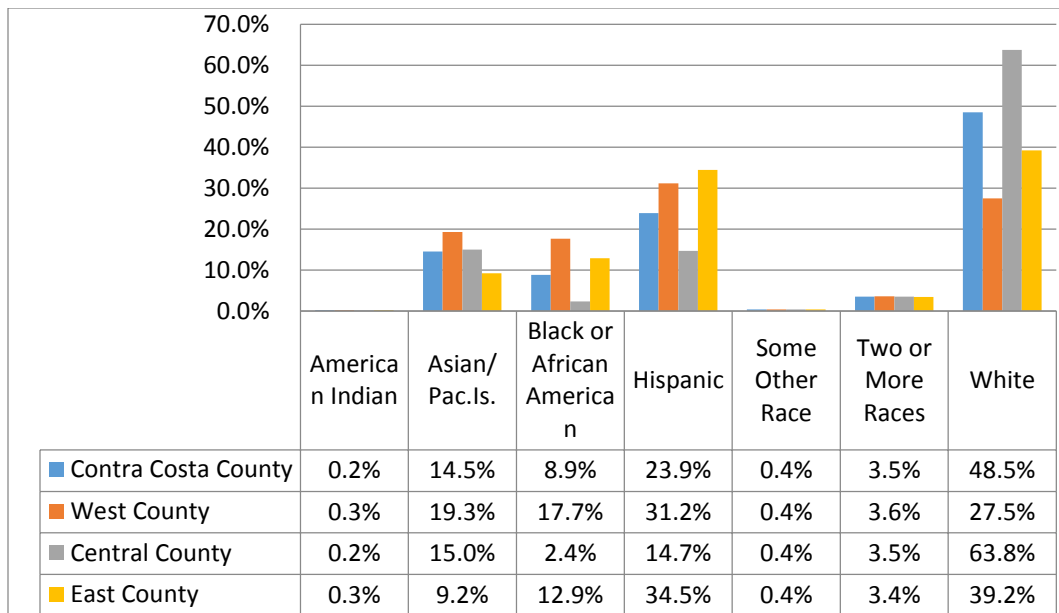


Figure: Race/Ethnic Distribution by County Region, 2011

Based on the educational level of the residents of East Contra Costa County, the college has tremendous potential to continue to grow.

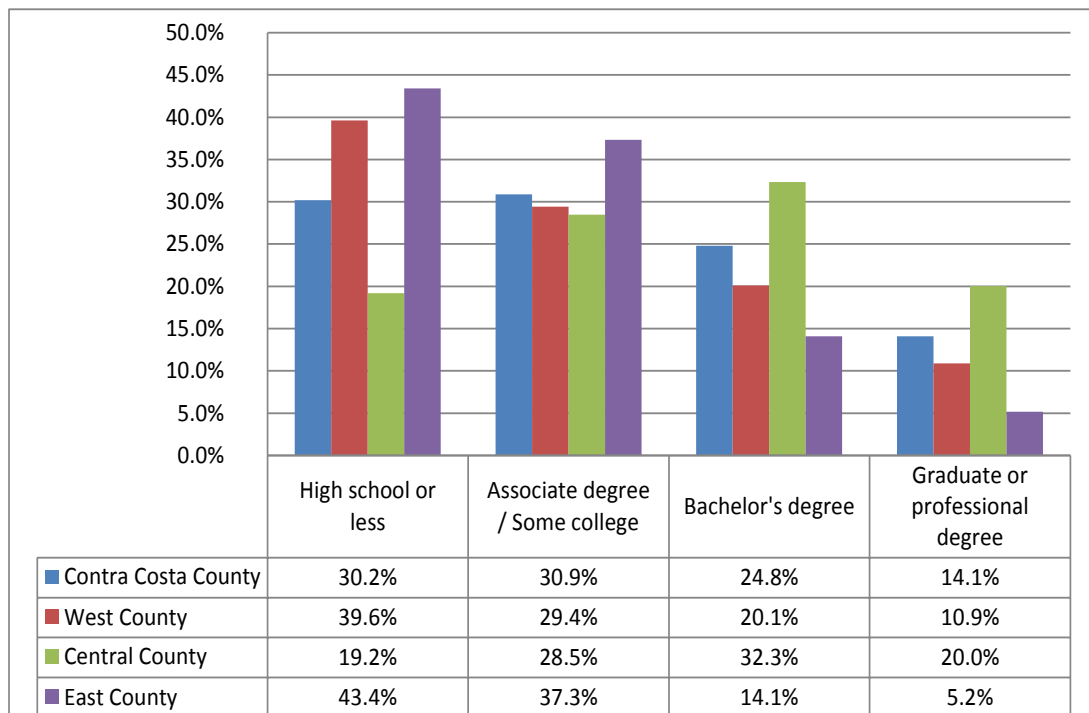
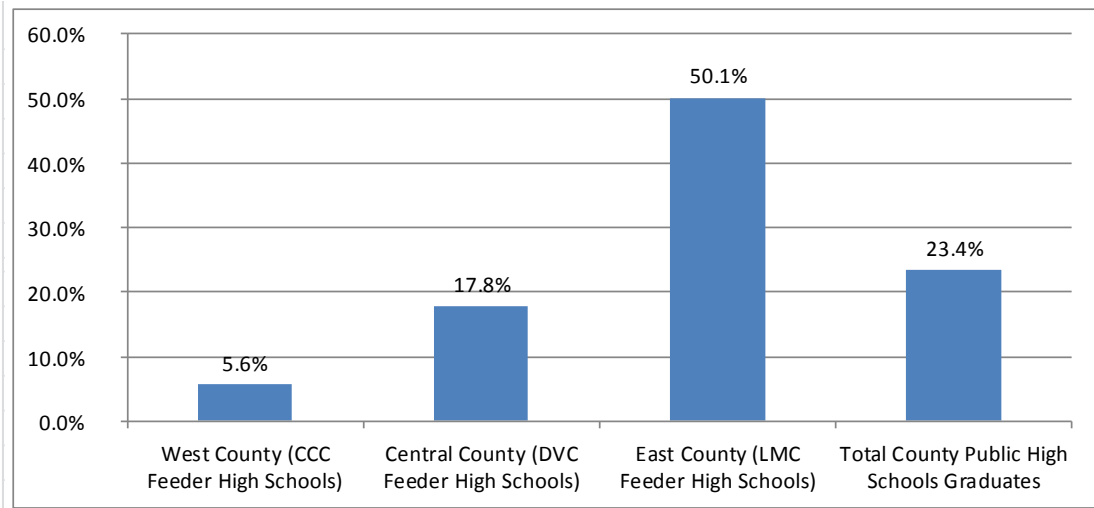


Figure: Educational Attainment by County Region, 2011

The number of high school graduates is an important predictor of future enrollment in post secondary institutions. The growth of high school students is the highest in East County which has resulted in Los Medanos College growing rapidly. The growth 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 contributed to this movement.



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

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

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>.

The Academic Performance Index of the LMC 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.

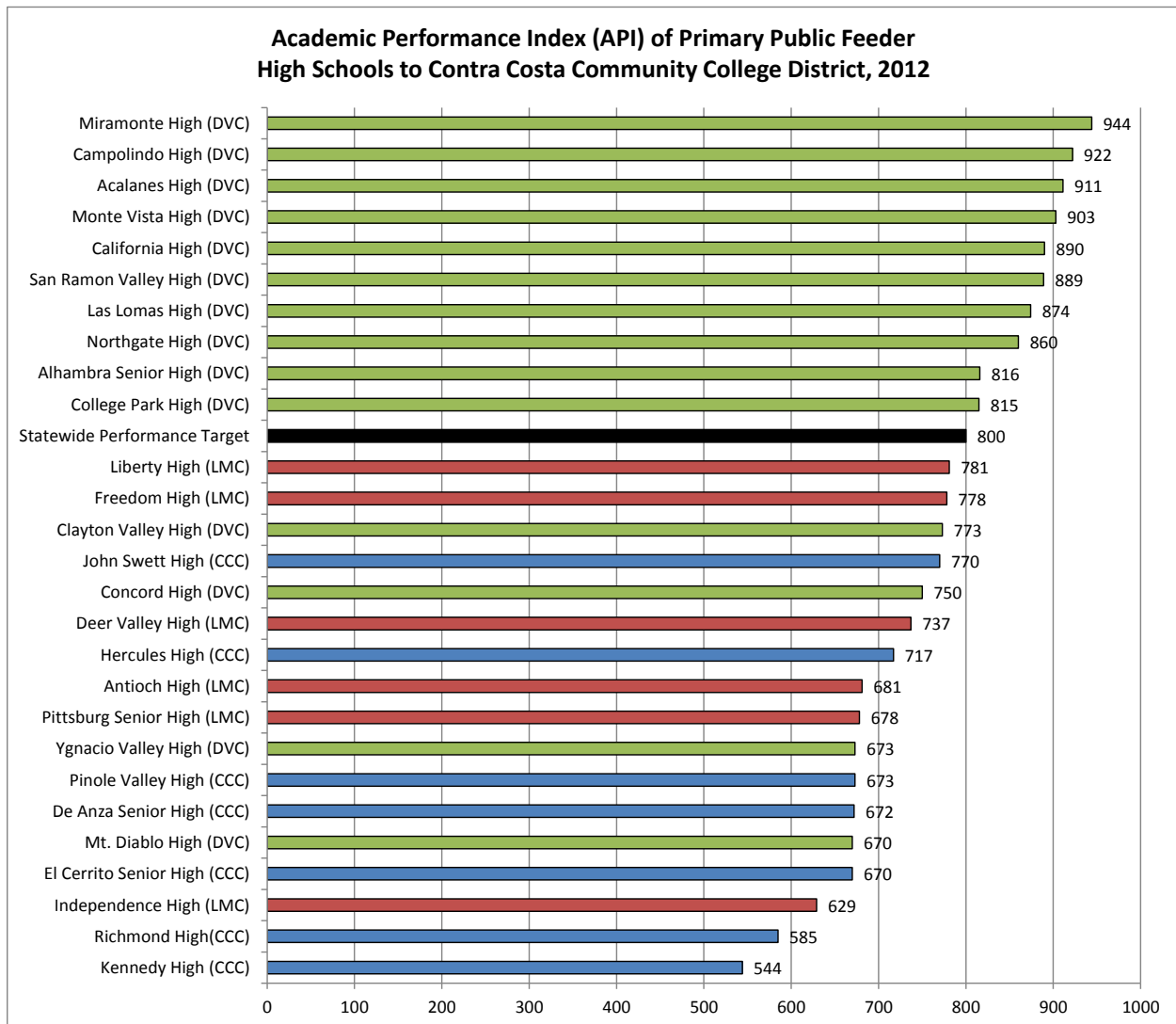


Figure: 2012 Academic Performance Index (API) of Primary Public Feeder High Schools to Contra Costa Community College District

Approximately eight percent of the residents between the ages of 18 and 64 attended Los Medanos College in 2011-12. This creates a marketing opportunity for the College to expand our educational services to meet the needs of the population.

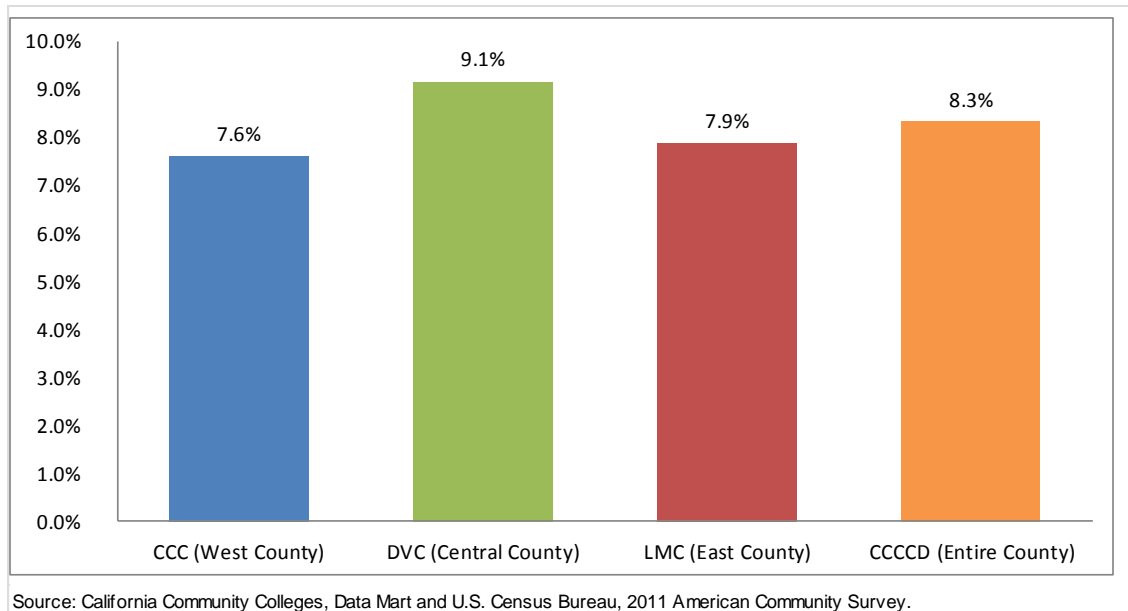


Figure: Annual Participation Rate of Adults (18-64 yrs.) by County Region, 2011-12

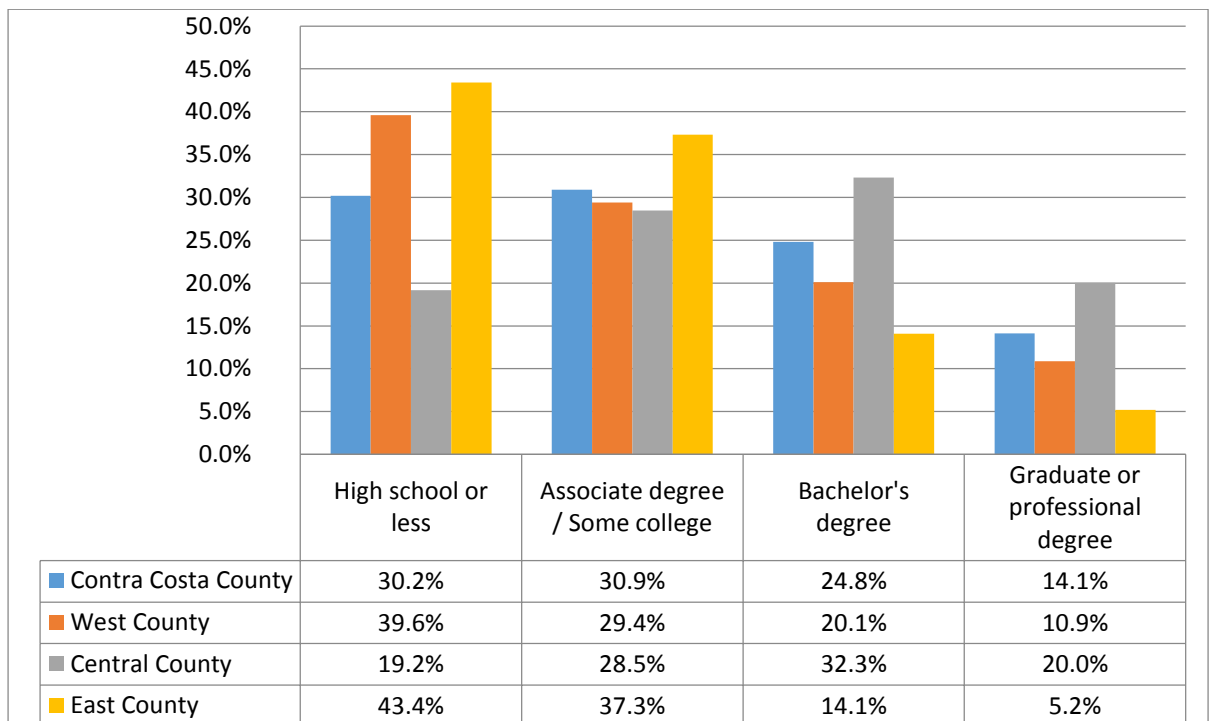


Figure: Educational Attainment by County Region, 2011

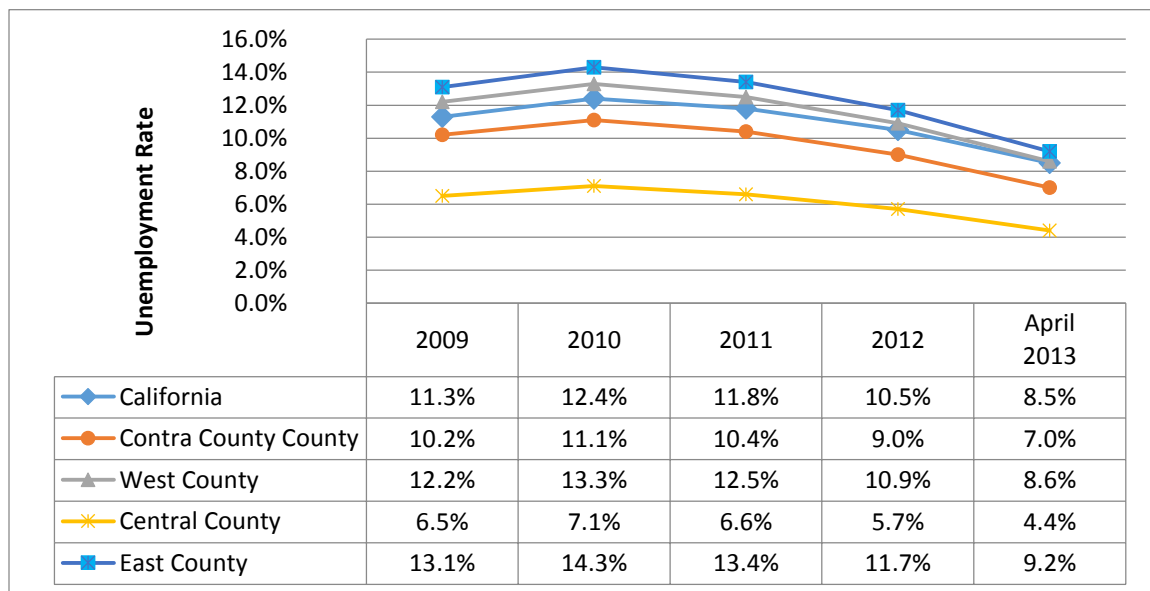
Socio-economic and labor market data on Service Area:

According to the environmental scan conducted by the District Research Office, in 2011, 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 in the county. Furthermore, 39% of the households in Contra Costa County had incomes of \$100,000 or more, compared to 28% in California, and only 22% in the US as a whole. Undoubtedly there is 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. While the upper middle class has grown, there is a disturbingly large unemployed, dysfunctional class, especially in the large cities.

Geographic Region	2000	2011 ACS	Change:	
	(a)	(b)	(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

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 US. 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 high at 9.2 percent.



An analysis of the industries and occupations in Contra Costa County provides valuable information for developing and enhancing career and technical programs at the College to meet the workforce needs of industry. In addition to the data below, there are localized 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

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

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