



**Forecast 2010**  
**Santa Ana College**  
**Enrollment, Participation Rates and**  
**Service Area Population Projections**  
**March 2006**

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## Introduction

This study examines enrollment patterns through 2010, which will result due to anticipated demographic changes. The purpose of this forecast is for use in program and practice related decision making.

The focus of this study is the traditional on-campus student enrolled in college courses for credit and excludes enrollment in fire academy, criminal justice academy, business seminars, and distance education courses.

The methodology included projecting Orange County sub-group populations to 2010 (by age, ethnicity, gender, and zip code/city). Projected enrollment participation rates for those population sub-groups are applied to the projected population to create projected enrollments for 2010.

Assumptions upon which the projections are calculated include:

- Sub-group participation rates (enrollment divided by population) by zip code in 2005 changed significantly from those in 2000. By 2010 each is assumed to stabilize slightly above its 2005 level. Therefore, the 2010 distribution of students between SAC and SCC is assumed to remain similar to the current distribution.
- Reduced 2005 system-wide enrollment participation in California community colleges is assumed to have reached equilibrium, following large state-wide student fee increases. No further enrollment losses due to past fee increases are expected.
- Stabilization of declining non-Latino participation rates is assumed. A continuing decline of their participation rates would negatively impact the projected enrollment for 2010.

These forecasts assume the primary policies and funding levels in place for 2005 remain generally unchanged through 2010. If policy and relative funding levels remain unchanged, and the assumptions noted are realized, the resulting 2010 enrollment patterns will be as described in this report.

Detailed methodology, assumptions, and sensitivity analysis are included in the Addendum.

## Readers' Summary

The population of the total RSCCD service area is projected to increase 4% between 2005 and 2010, from 687,532 to 718,264. It has increased 5% from 2000.

- **“Traditional,”** on-campus enrollment (which excludes fire and sheriff’s academies, business seminars, and distance education) will increase 13%, from 19,327 in 2005 (an averaged number calculated for “benchmarking”) to 21,896 in 2010. (This assumes that current programs, practices, and facilities remain unchanged.)
- **Total credit enrollment, including “non-traditional” off-campus enrollment, will increase to 32,796 in 2010 from 29,751 in 2005, a 10% increase. All facts and projections noted below are for traditional enrollments only.**
- SAC has become significantly younger and less ethnically diverse since 2000. Should the trends of 2000 to 2005 continue, there will be further reductions in student diversity.
- The enrollment percentage increase or decrease at SAC between 2000 and 2005 varies considerably depending upon sub-group, i.e., age group, location of residence, and ethnicity. Consequently, strategic enrollment management is critical.
- These enrollment projections for 2010 take into consideration the following trends and assumptions:
  - Participation rates (the number of those enrolled divided by the population) and enrollment have declined since 2000, most probably due in part to increased tuition and the opening of SCC. However, on-campus participation rates will stabilize, and enrollment will increase 13% due to certain sub-group population increases and their commensurate greater participation rates, primarily those for Latinos and those in the 17 to 21 year age group.
  - Participation rates and enrollment have increased since 2000 for the 17 to 21 year age group, but declined significantly for other age groups.
  - Participation rates for non-Latinos have declined so significantly that a continuing decline, as opposed to the projected stabilization of their participation rates, would significantly negatively affect the projected enrollment for 2010. Participation rates vary depending upon location of residence; however, generally, participation rates of Asian, Black, and White ethnic groups are below that of Latinos.
  - Enrollment since 2000 has increased for students living outside of the RSCCD service area but declined for those living within the service area. The decline of enrollment for Garden Grove residents is greater than that for Santa Ana residents.

- In sum, **participation rates have increased**, or remained stable, for:
  - 17 to 21 year olds.
  - Non-RSCCD residents, with the exception of Asians and Blacks.
- In sum, **participation rates have decreased** for:
  - SAC service area zip codes, with the exception of 92701.
  - SCC service area zip codes, with the exception of 92808.
  - All ethnic groups residing within the SAC service area.
- **Those age 17 to 21 years are the primary traditional on-campus student group**, and will grow by 20% and represent 40% of total SAC enrollment in 2010.
- Total traditional on-campus enrollment will grow 13% by 2010.

## Population Trends

***RSCCD will continue a slow steady increase in population throughout the decade.***

***Over the next five years, the age group of those over 50 years of age will increase in number at the greatest rate, followed by those 17 to 21 years old; this latter age group is of major significance to RSCCD enrollment trends.***

The RSCCD service area will see growth of about 4% in population in the next five years, down marginally from 5% since 2000. Rounded, the SAC service area will grow 4% by 2010 (equal to 2000 to 2005), and the SCC service area will grow 6% (also equal to the 2000 to 2005 change).

All cities in RSCCD grew over the past five years, and during the next five years are expected to grow at similar rates. Population increases are greatest numerically in Santa Ana, though the rate of growth there was the lowest of RSCCD cities. Santa Ana grew by 4% between 2000 and 2005, and is expected to grow another 4% in the next five years, adding an additional 14,622 people.

Non-RSCCD areas of Orange County grew more rapidly than RSCCD, lead by south Orange County where growth in the past five years totaled 12%. South Orange County is expected to grow 11% in the next five years, adding 88,111 people. Growth in the Irvine and Tustin areas of the South Orange County CCD are expected to be significant, and contribute to enrollment growth at SAC and SCC.

Asian population grew at the fastest rate during the past five years in Orange County, increasing 18%. Latino population growth was almost as rapid, increasing 17%, though the Latino numerical increase of 151,110 people far exceeds any other ethnic group. Non-Latino population grew by 50,454 in Orange County since 2000, with Asians increasing by 70,772 and Whites declining by 31,036.

Population growth of 3% to 6% in each zip code in the SAC service area is expected by 2010, with the exception of 92705 where a 4% decline is expected (industrial area along west side of 55 freeway, northeast Santa Ana, and the north Tustin (unincorporated) area).

Those age 17 to 21 years are expected to increase 16% in the next five years, adding 34,431 people in Orange County, and increase by 12% in RSCCD. Percentage growth in Orange County is expected to be greater only for those over 50 years of age.

- For those age 17 to 21 years of age from the RSCCD area:
  - All major ethnic-gender population groups of age 17 to 21 years increased in number between 2000 and 2005, with the exception of Latino males, a group for which the population declined.
  - Latino males decreased 7% since 2000 (-1,215).
  - Latino females increased 6% since 2000 (+909).
  - Asian males increased by 100 (+3%) and Asian females increased by 502 (+19%).
  - White males increased by 43 and females by 32 people (less than 1%).
  - Since 9-11-01, the number of people 17 to 21 years moving into RSCCD appears to have declined, especially for Latino males. Hence, the year 2000 group has aged and not been fully replaced by those younger individuals already residing in the district. It is possible that the younger groups, which are larger than in prior years, are also better prepared for college, and participation rates for this group are expected to increase relatively rapidly in the next five years (except Latino males age 17 to 21), continuing the increase seen since 2000. Similar reductions in movement into RSCCD may also explain lower Asian male population growth (relative to Asian females).

*Latino males, 17 to 21 years of age, in Orange County have declined in number since 2000. This is the only major ethnic-gender group demonstrating a decrease.*

## Enrollment Trends

*On-campus enrollment will pick up its pace between now and 2010, growing 13% at each of our two campuses.*

*Anticipated enrollment growth results primarily from the surge of 17 to 21 year olds expected in our service areas.*

*In 2005, Latino enrollment 17 to 21 years of age represents 82% of enrollment. On the other hand, Asian enrollment at all ages decreased 37% for those residing within the RSCCD area.*

Total traditional program on-campus enrollment at SAC increased 3% between 2000 and 2005, reaching 19,327 in 2005 (+574). Enrollment is projected to increase to 21,896 in 2010, an increase of 13%.

### Overall, on-campus enrollment at SAC:

- increased 3% during the past five years, but will increase 13% during the next five years.
- is expected to increase for all demographic sub-groups, from all geographic areas, between 2005 and 2010.
- Latino enrollment increased by 1,328 since 2000, while non-Latino enrollment declined by 754 (-1,360 Asians, -28 African Americans, +488 Whites, and +145 other).

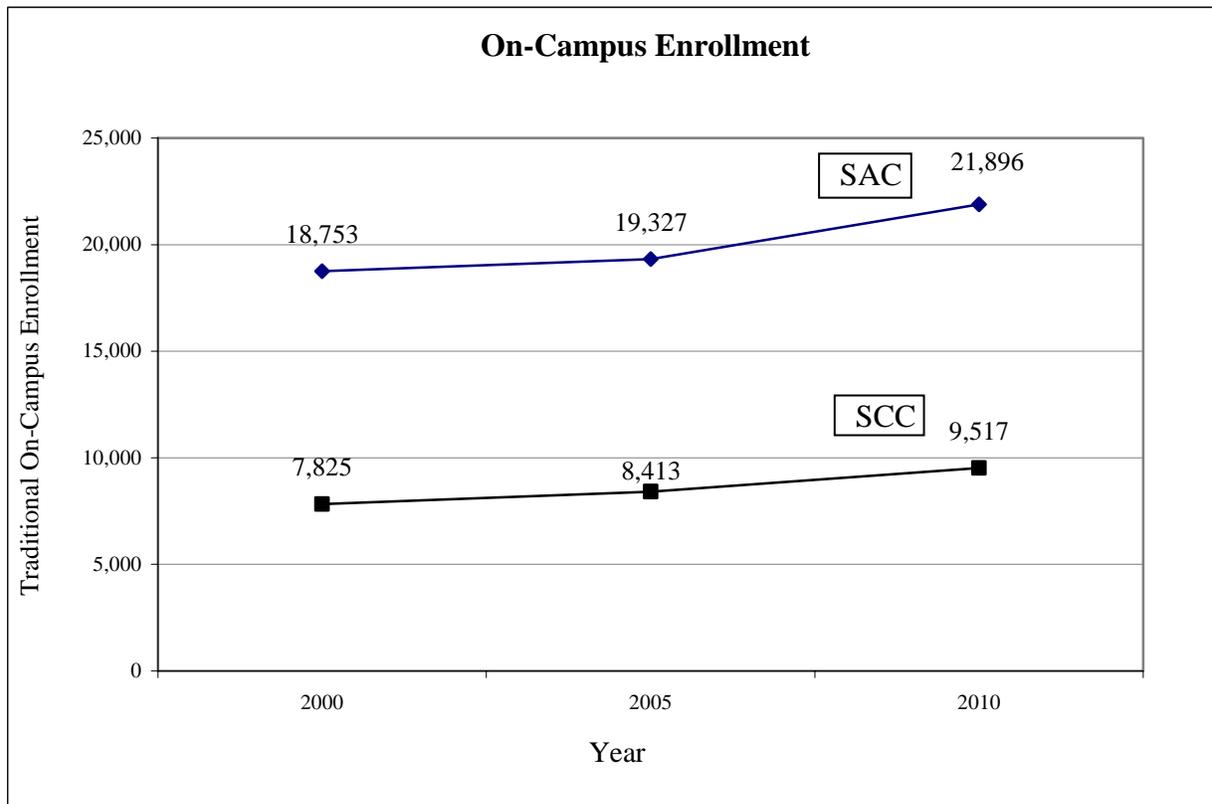
### For students from the SAC service area, age 17 to 21 years:

- Enrollment totaled 3,958 in 2005, up 8.9% since 2000.
- Enrollment is projected to increase to 4,695 by 2010, up from 3,958 in 2005 (+19%).
- Latino enrollment increased to 3,248 in 2005 (+14%), and is expected to increase to 3,972 in 2010 (+22%).
  - 2,848 Latinos were enrolled in 2000, representing 78% of enrollments from the service area.
  - In 2005 Latinos represented 82% of enrollments, and are expected to be 85% of enrollment in 2010 from the SAC service area.

Enrollment declined 7% for students living in the RSCCD service area, but is expected to increase by 13% during the next five years:

- Enrollment at SAC decreased 5% for students of all ages living the SAC service area, but by 17% for those living in the SCC service area between 2000 and 2005.
- Enrollment from within RSCCD increased since 2000 only for Latinos.

- Latinos made-up 70% of SAC 2000 traditional program enrollment of 17 to 21 year olds from RSCCD, 76% of 2005 enrollment and which is anticipated to increase to 78% in 2010.
- Asian enrollment decreased by 37% between 2000 and 2005, and White enrollment declined by 22% for those students living in RSCCD.
- Though we assume Asian enrollment declines will cease for 2005 to 2010, participation rates (Asian enrollment divided by Asian population) would decline from 1.5% in 2005 to about 0.9% by 2010 if trends of 2000 to 2005 continue. Participation could fall from the highest rate of major ethnic groups in 2000 into the bottom of the range for Asians by 2010.
- Enrollment declined 3% for females and declined 12% for males from RSCCD between 2000 and 2005.
- Enrollment rose 5% for 17 to 21 year olds, but declined from 13% to 24% (depending upon age group) for older students from RSCCD between 2000 and 2005.
- The loss of enrollment of students attending SCC (-18%) and SAC (-17%) from Garden Grove is likely to be partially due to the elimination of traditional courses at the Garden Grove Center.



## Enrollment Participation Rates

**What is "participation rate"? The number of students enrolled divided by the relevant population. It can be calculated for sub-groups, such as the number of students enrolled from a particular zip code, divided by the population of that zip code.**

**Why is it useful? What do we use it for? This rate shows us the proportion of a population enrolled, or "market share." While we know whether total enrollment goes up or goes down, enrollment numbers alone don't tell us whether we are reaching certain segments of our population.**

**1.54% of the RSCCD population was enrolled in a SAC on-campus class in 2005. This rate has declined from 1.74% in 2000, but a return to the previous rate is expected.**

Participation rates vary widely between demographic sub-groups from different locations, and a few more or less enrollments from a small area can greatly change enrollment participation rates.

Overall, for on-campus program credit enrollment:

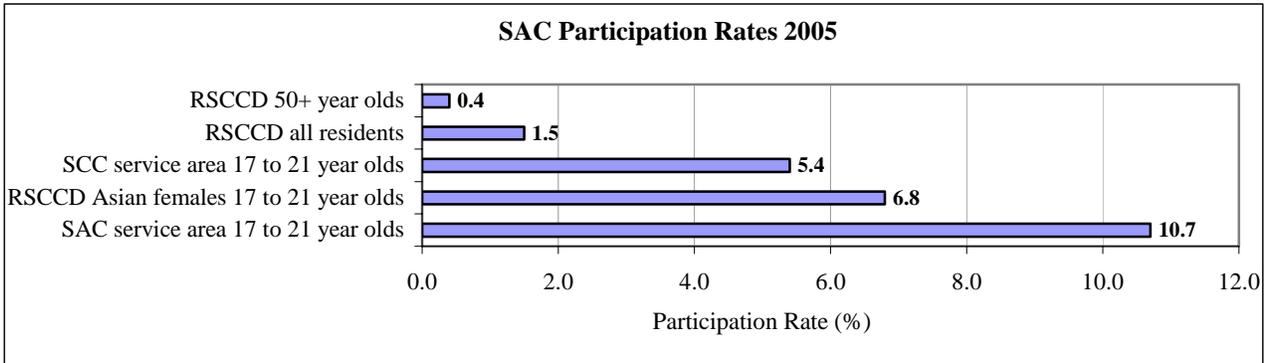
- Participation rates for those from the SAC service area, age 17 to 21 years, rose between 2000 and 2005. This increase came about as population of this group declined by 3% and enrollment increased by 9% from within the SAC service area.
- Participation rates fell significantly at SAC since 2000 for students from Garden Grove, Orange and Villa Park, fell modestly from other RSCCD cities, and were stable or rose from other areas of Orange County.
- The South Orange County CCD area demonstrated both increased population and participation rates at SAC, leading to an increased enrollment at SAC from this area of 513 students (+36%) since 2000.

Participation rates of 17 to 21 year old students at SAC from the SCC service area declined since 2000, while the population of the SCC service area increased.

- Overall, 10.7% of 17 to 21 year olds from the SAC service area enrolled at SAC in 2005. 5.4% of the 17 to 21 year olds from the SCC service area enrolled at SAC in 2005.
- As a comparison, 12.6% of the 17 to 21 year olds from the SCC service area enrolled at SCC in 2005, and 1.7% of those from the SAC service area enrolled at SCC.
- Participation rates at SAC from the SAC service area (for all age groups) were 1.95% in 2000, 1.78% in 2005, and are expected to rebound to 1.93% by 2010.
- SCC participation rates from the SCC service area (for all age groups) rose from 1.56% in 2000, to 1.61% in 2005, and are expected to rise to 1.73% in 2010.

From those residing within RSCCD:

- Enrollment participation rates in 2005 from RSCCD of Whites and Asian are below those for Latinos, though on an overall basis, participation rates are closely related to the age distribution.
  - In 2005, Latinos had the highest participation rate.
  - In 2000, Asians had the highest participation rate.
- Participation rates are highest for those age 17 to 21 years.
  - Participation rates declined for all ages, except those 17 to 21 years of age, since 2000.
  - The participation rate for those over 50 years of age is 0.39%, versus the other extreme of 9.17% for 17 to 19 year olds.
  - Latino female participation rates from RSCCD rose to 12.9%, up from 11.8% in 2000, and Latino male participation rates rose to 9.0%, up from 7.6% in 2000.
  - Asian females participate at a 6.8% rate, down from 10.1% in 2000, and Asian males participate at a 6.8% rate, down from 8.5% in 2000.



## **Addendum**

### **Critical Assumptions and Limited Sensitivity Analysis**

- The forecast for traditional program enrollment in 2010 assumes the decline in participation rates between 2000 and 2005 is halted. It is assumed the decline is due to increased fees set at the state-level and the opening of SCC. Both factors are expected to have reached equilibrium by 2005, and though participation rates do not return to 2000 levels for geographic sub-areas and demographic subgroups, the total overall participation rate is expected to increase during the next five years to a level similar to that in 2000.
- Participation rates at SAC from areas in the SCC service area are expected to remain well below the rates seen in 2000.
- The participation rate declines between 2000 and 2005 were most extreme for Asians. Without intervention, it is possible that the rates will continue to decline. If the change in participation rates between 2000 and 2005 continues for each ethnic group, instead of 57% Latino students at SAC from all of Orange County, and 69% from within RSCCD, Latinos would be 60% of Orange County based students and 74% of the enrollment at SAC in 2010 from RSCCD. Asians would decline from 22% in 2000, to 10% in 2010, of all enrollment from Orange County, rather than remaining at 15% of the total as in 2005.
- In addition, the loss of Asian enrollment (if participation rate declines continue for only this group) would produce an enrollment, about 1,300 students (6% of enrollment), below the indicated forecast 15% of enrollment from all of Orange County, and reduce the forecast enrollment growth from Orange County residents at SAC from 15% to 7% between 2005 and 2010.

## **Addendum**

### **Enrollment and Population Forecast Methodology**

Overall, enrollment participation rates are lower in 2005 than 2000. Based upon non-quantitative assessment of Orange County, overall 2010 participation rates are most likely to reflect conditions in 2000. Due to the expansion of SCC, the distribution of enrollment between SAC and SCC has changed since 2000. The enrollment forecast for 2010 utilizes 2005 participation rates which are then adjusted upwards by 5% to reflect the return to overall rates of enrollment seen in 2000.

Population and enrollment forecasts at SAC (and SCC) are by ethnic-group, age-group, and gender for traditional “on-campus” credit program. Traditional “on-campus” programs exclude Apprenticeship, Fire Academy, Contract Management, Criminal Justice Academy, Quality Assurance, TV, and Business Seminars. Enrollment in the CED and non-traditional programs can vary widely between years due to budget considerations, which are tied to funding mechanisms established by the California legislature. Though computed for this study, CED and non-traditional program enrollments are more volatile, and only summary totals are presented.

Enrollment is based on an average of three semesters (two fall and one spring). For Fall 2005, the data is preliminary, and based on seventh week information rather than end-of-term data as for other semesters. Data for SAC and SCC may be added together, but the resulting counts will reflect duplicated counts for students attending both campus locations.

The non-Orange County resident enrollment is “forecast” based upon most recent enrollment count data at the college level. Counts are used because there is no clear appropriate population base to use to compute enrollment participation rates - state, nation, or world. The 2010 forecast of total enrollment includes this non-Orange County resident category, which is set to be equal to the 2005 enrollment (i.e. assumes that the enrollment will not change between 2005 and 2010 for the non-Orange County residents).

The population estimates for 2005 and forecasts for 2010 use the 2000 Census data for Orange County as a starting point. For each demographic sub-group for each ZIP code area, the population at each single year of age in the year 2000 was “aged” to 2010 using Orange County “census survival rates”. The population under 10 years of age was estimated for 2010 using women in 2010 of reproductive age and the child to women of reproductive age ratios from 2000. This preserves the age-gender-ethnic distribution of the sub-groups, properly aged, to 2010.

First, total 2010 population for each Orange County city is forecast, based upon the 2000 to 2005 population and growth rates published by the State of California and the U.S. Census Bureau. The initial forecast 2010 population by age, gender and ethnicity at the ZIP code level is then adjusted based on total city population estimates for 2010, which forced the sum of ZIP code areas to equal the forecast population of each city (and county). The California Department of Finance population forecasts for 2010 for Orange County were used to determine the ethnic distribution. The summed ZIP code population sub-groups were further adjusted to be equal to the ethnic distribution for Orange County. The two forced adjustment target procedures, for total population by city and ethnic distribution of Orange County, were repeated iteratively until the resulting total population in each Orange County city and the summed ethnic distribution for Orange County were within 0.1% or 10 people of the target figures. For 2005, the population of each sub-group is the average of the Census population in 2000 five years younger, and the 2010 forecast population five years older.

**Addendum**  
**Non-Traditional Program and CED Enrollment**

Non-traditional program enrollment is concentrated in the Fire and Police Academies at SAC, with additional enrollment in Business Seminars, Quality Assurance, and Distance Education. Participation rates were computed for non-traditional enrollment and the CED (Adult Continuing Education) in a manner similar to the traditional program. These rates were projected to 2010, and applied to the projected population sub-groups to produce the 2010 forecast of enrollment for these programs.

Enrollment in the CED and non-traditional programs is subject to wide variation from year to year, and frequently depends upon contracts with other public agencies and departments. The forecast enrollment figures are produced using many assumptions concerning the budget and priorities set at SAC, RSCCD, California, and the federal government. They are primarily intended to supplement the traditional program enrollment forecast, and to provide a complete enrollment forecast for the full SAC program.

Non-traditional program enrollment fell 1,255 between 2000 and 2005 at SAC, but is expected to increase from 10,424 to 10,900 during the next five years. Over half of the students in non-traditional programs are from outside Orange County, as non-traditional programs attract students from a wide area. Most of the non-Orange County students were from neighboring counties in California.

For the CED, 85% of the students enrolled in 2000, and 79% of those enrolled in 2005 were from within the RSCCD service area. Less than 1% in 2000 and around 2% in 2005 were unknown or from outside of Orange County. CED enrollment increased by 496 between 2000 and 2005, and is anticipated to increase another 1,920 in the next five years (+10%).

Table 1

**Santa Ana College Traditional On-Campus Credit Program Enrollment by Residence Location  
All Ages, All Ethnicity, All Genders**

Student Residence Location	Population			SAC Enrollment			Participation Rate			Percent Change			
	Census 2000	Estimated 2005	Forecast 2010	2000	2005	Forecast 2010	2000	2005	2010	2000 to 2005		2005 to 2010	
										Enrollment	Population	Enrollment	Population
Anaheim Hills	55,895	58,520	61,154	362	344	399	0.65%	0.59%	0.65%	-5%	5%	16%	5%
Garden Grove*	94,122	98,436	102,819	1,829	1,526	1,746	1.94%	1.55%	1.70%	-17%	5%	14%	4%
Orange	135,385	143,960	152,528	2,058	1,681	1,948	1.52%	1.17%	1.28%	-18%	6%	16%	6%
Santa Ana	363,938	378,403	393,025	7,104	6,977	7,831	1.95%	1.84%	1.99%	-2%	4%	12%	4%
Silverado Area	1,839	2,069	2,326	13	11	13	0.69%	0.55%	0.56%	-11%	13%	15%	12%
Villa Park	5,932	6,144	6,412	46	29	35	0.78%	0.47%	0.55%	-38%	4%	22%	4%
<b>Total RSCCD</b>	<b>657,111</b>	<b>687,532</b>	<b>718,264</b>	<b>11,412</b>	<b>10,567</b>	<b>11,972</b>	<b>1.74%</b>	<b>1.54%</b>	<b>1.67%</b>	<b>-7%</b>	<b>5%</b>	<b>13%</b>	<b>4%</b>
Coast CCD	625,294	659,976	695,362	2,203	2,296	2,581	0.35%	0.35%	0.37%	4%	6%	12%	5%
North OC CCD	819,536	868,492	917,531	2,631	2,769	3,244	0.32%	0.32%	0.35%	5%	6%	17%	6%
South OC CCD	750,467	837,972	926,083	1,434	1,947	2,352	0.19%	0.23%	0.25%	36%	12%	21%	11%
<b>OC TOTAL</b>	<b>2,852,408</b>	<b>3,053,972</b>	<b>3,257,240</b>	<b>17,680</b>	<b>17,580</b>	<b>20,149</b>	<b>0.62%</b>	<b>0.58%</b>	<b>0.62%</b>	<b>-1%</b>	<b>7%</b>	<b>15%</b>	<b>7%</b>
Non-OC Resident	(1)			1,044	1,739	1,739				67%		0%	
Unknown Residence				29	9	9				-69%		0%	
Total SAC Head Count				18,753	19,327	21,896				3%		13%	

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\* Includes two of four Garden Grove ZIP code areas (92840 and 92843), though only about half of each are within the official RSCCD boundaries.

Note: For this study, RSCCD boundaries follow ZIP Code areas. Anaheim Hills (92707) includes areas north of the Santa Ana River (not in RSCCD officially) and 92708. Garden Grove ZIP codes 92840 and 92843 are included in this study, but only about half of these areas are in the official RSCCD boundaries. The portion of Santa Ana ZIP code area 92704 west of Euclid Avenue is not in the official RSCCD boundaries, but included in RSCCD for this study. RSCCD population totaled 586,003 for 2000 (Census), and differs from that shown here due to differences in sub-area detail available (ZIP code areas versus Census Block for 2000).

1) There is no "participation rate" for non-Orange County students because an appropriate population base does not exist. Consequently, for this study, the 2010 headcount of students from outside of Orange County is assumed to be unchanged from 2005.

Table 2  
**Santa Ana College Traditional On-Campus Credit Program Enrollment by Ethnicity**

Student		Population			SAC Enrollment			Participation Rate			Percent Change			
											2000 to 2005		2005 to 2010	
Residence Location	Ethnicity	Census 2000	Estimated 2005	Forecast 2010	2000	2005	Forecast 2010	2000	2005	2010	Enrollment	Population	Enrollment	Population
RSCCD	Asian	80,563	87,068	93,705	2,106	1,317	1,451	2.61%	1.51%	1.55%	-37%	8%	10%	8%
	Black	8,433	8,346	8,440	204	167	188	2.42%	2.00%	2.23%	-18%	-1%	13%	1%
	Latino	351,506	390,182	428,918	6,557	7,017	8,246	1.87%	1.80%	1.92%	7%	11%	18%	10%
	Other	14,233	14,229	14,130	771	684	705	5.42%	4.81%	4.99%	-11%	0%	3%	-1%
	White	202,376	187,707	173,071	1,775	1,382	1,379	0.88%	0.74%	0.80%	-22%	-7%	0%	-8%
Non-RSCCD in OC	Asian	304,274	368,541	433,239	1,857	1,336	1,566	0.61%	0.36%	0.36%	-28%	21%	17%	18%
	Black	34,284	39,060	44,332	198	185	222	0.58%	0.47%	0.50%	-7%	14%	20%	13%
	Latino	524,860	637,294	750,181	2,049	2,695	3,326	0.39%	0.42%	0.44%	32%	21%	23%	18%
	Other	71,232	77,265	82,994	581	708	828	0.82%	0.92%	1.00%	22%	8%	17%	7%
	White	1,260,647	1,244,280	1,228,230	1,584	2,088	2,237	0.13%	0.17%	0.18%	32%	-1%	7%	-1%
Total Orange County	Asian	384,837	455,609	526,944	3,963	2,653	3,017	1.03%	0.58%	0.57%	-33%	18%	14%	16%
	Black	42,717	47,406	52,772	402	352	410	0.94%	0.74%	0.78%	-12%	11%	17%	11%
	Latino	876,366	1,027,476	1,179,099	8,605	9,712	11,573	0.98%	0.95%	0.98%	13%	17%	19%	15%
	Other	85,465	91,494	97,124	1,352	1,392	1,533	1.58%	1.52%	1.58%	3%	7%	10%	6%
	White	1,463,023	1,431,987	1,401,301	3,358	3,470	3,616	0.23%	0.24%	0.26%	3%	-2%	4%	-2%
Non-Orange County and Unknown	Asian				192	142					-26%			
	Black				86	108					25%			
	Latino				393	614					56%			
	Other				136	241					77%			
	White				266	642					141%			
Total SAC	Asian				4,155	2,795					-33%			
	Black				488	460					-6%			
	Latino				8,998	10,326					15%			
	Other				1,488	1,633					10%			
	White				3,624	4,112					13%			

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Table 3

**Santa Ana College Traditional On-Campus Credit Program Enrollment  
By Age**

Student		Population			SAC Enrollment			Participation Rate			Percent Change			
Residence Location	Age	Census 2000	Estimated 2005	Forecast 2010	2000	2005	Forecast 2010	2000	2005	2010	2000 to 2005		2005 to 2010	
											Enrollment	Population	Enrollment	Population
RSCCD	0 to 16	191,966	194,392	188,336	198	256	262	0.10%	0.13%	0.14%	29%	1%	2%	3%
	17 to 21	51,579	51,850	58,180	4,507	4,754	5,673	8.74%	9.17%	9.75%	5%	1%	19%	12%
	22 to 29	88,371	85,698	88,413	3,276	2,840	3,048	3.71%	3.31%	3.45%	-13%	-3%	7%	3%
	30 to 39	113,596	113,435	110,732	1,726	1,369	1,404	1.52%	1.21%	1.27%	-21%	0%	3%	2%
	40 to 49	86,244	97,745	105,011	966	789	903	1.12%	0.81%	0.86%	-18%	13%	14%	7%
	50 plus	125,355	144,412	167,592	739	560	679	0.59%	0.39%	0.41%	-24%	15%	21%	16%
Non-RSCCD in OC	0 to 16	538,276	559,929	541,964	16	22	22	0.00%	0.00%	0.00%	43%	4%	-1%	3%
	17 to 21	141,398	157,639	185,740	1,746	2,194	2,740	1.23%	1.39%	1.47%	26%	11%	25%	18%
	22 to 29	250,380	244,784	272,087	2,066	2,121	2,448	0.83%	0.87%	0.90%	3%	-2%	15%	11%
	30 to 39	378,698	366,431	344,875	1,290	1,268	1,281	0.34%	0.35%	0.37%	-2%	-3%	1%	6%
	40 to 49	335,441	386,139	404,621	661	892	1,012	0.20%	0.23%	0.25%	35%	15%	13%	5%
	50 plus	551,104	651,518	789,689	490	515	678	0.09%	0.08%	0.09%	5%	18%	32%	21%
Total Orange County	0 to 16	730,242	754,321	730,300	214	279	284	0.03%	0.04%	0.04%	30%	3%	2%	3%
	17 to 21	192,977	209,489	243,920	6,253	6,948	8,412	3.24%	3.32%	3.45%	11%	9%	21%	16%
	22 to 29	338,751	330,482	360,500	5,342	4,961	5,497	1.58%	1.50%	1.52%	-7%	-2%	11%	9%
	30 to 39	492,294	479,866	455,607	3,015	2,637	2,685	0.61%	0.55%	0.59%	-13%	-3%	2%	5%
	40 to 49	421,685	483,884	509,632	1,627	1,680	1,915	0.39%	0.35%	0.38%	3%	15%	14%	5%
	50 plus	676,459	795,930	957,281	1,229	1,075	1,357	0.18%	0.14%	0.14%	-13%	18%	26%	20%
Non-Orange County and Unknown	0 to 16				0	1					-			
	17 to 21				249	320					29%			
	22 to 29				379	481					27%			
	30 to 39				234	398					70%			
	40 to 49				148	353					138%			
	50 plus				62	194					212%			

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Table 4  
**Santa Ana College Traditional On-Campus Credit Program Enrollment  
 By Gender**

Student		Population			SAC Enrollment			Participation Rate			Percent Change			
											2000 to 2005		2005 to 2010	
Residence Location	Gender	Census 2000	Estimated 2005	Forecast 2010	2000	2005	Forecast 2010	2000	2005	2010	Enrollment	Population	Enrollment	Population
RSCCD	Female	322,534	339,036	355,739	5,978	5,812	6,622	1.85%	1.71%	1.86%	-3%	5%	14%	5%
	Male	334,577	348,496	362,525	5,434	4,755	5,347	1.62%	1.36%	1.47%	-12%	4%	12%	4%
Non-RSCCD in OC	Female	1,110,798	1,203,864	1,297,617	3,017	3,163	3,714	0.27%	0.26%	0.29%	5%	8%	17%	8%
	Male	1,084,499	1,162,576	1,241,359	3,252	3,850	4,466	0.30%	0.33%	0.36%	18%	7%	16%	7%
Total Orange County	Female	1,433,332	1,542,900	1,653,356	8,995	8,975	10,336	0.63%	0.58%	0.63%	0%	8%	15%	7%
	Male	1,419,076	1,511,072	1,603,884	8,686	8,605	9,813	0.61%	0.57%	0.61%	-1%	6%	14%	6%
Non-Orange County and Unknown	Female				450	575					28%			
	Male				622	1,172					88%			

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Table 5

**Santa Ana College On-Campus Credit Program Enrollment by ZIP Code in the RSCCD Service Area  
All Ages, All Ethnicity, All Genders**

Student Residence		Population			SAC Enrollment			Participation Rate			Percent Change			
											2000 to 2005		2005 to 2010	
City	ZIP Code	Census 2000	Estimated 2005	Forecast 2010	2000	2005	Forecast 2010	2000	2005	2010	Enrollment	Population	Enrollment	Population
Garden Grove	92840	50,636	52,186	53,771	874	728	833	1.73%	1.39%	1.55%	-17%	3%	14%	3%
Garden Grove	92843	43,486	46,250	49,048	955	798	913	2.20%	1.73%	1.86%	-16%	6%	14%	6%
Santa Ana	92701	58,151	62,116	66,126	991	1,053	1,252	1.70%	1.70%	1.89%	6%	7%	19%	6%
Santa Ana	92703	70,003	73,642	77,304	1,493	1,455	1,612	2.13%	1.98%	2.08%	-3%	5%	11%	5%
Santa Ana	92704	91,176	94,944	98,707	1,647	1,519	1,678	1.81%	1.60%	1.70%	-8%	4%	10%	4%
Santa Ana	92705	44,110	42,476	40,911	609	576	636	1.38%	1.36%	1.55%	-5%	-4%	10%	-4%
Santa Ana	92706	37,871	39,138	40,416	1,088	1,098	1,236	2.87%	2.81%	3.06%	1%	3%	13%	3%
Santa Ana	92707	62,627	66,087	69,561	1,275	1,275	1,413	2.04%	1.93%	2.03%	0%	6%	11%	5%
<b>SAC Service Area</b>		<b>458,060</b>	<b>476,839</b>	<b>495,844</b>	<b>8,933</b>	<b>8,503</b>	<b>9,572</b>	<b>1.95%</b>	<b>1.78%</b>	<b>1.93%</b>	<b>-5%</b>	<b>4%</b>	<b>13%</b>	<b>4%</b>
Anaheim Hills	92807	36,283	37,603	38,934	266	230	259	0.73%	0.61%	0.67%	-14%	4%	13%	4%
Anaheim Hills	92808	19,612	20,917	22,220	96	114	140	0.49%	0.55%	0.63%	18%	7%	23%	6%
Orange	92865	18,039	18,731	19,438	211	174	202	1.17%	0.93%	1.04%	-18%	4%	16%	4%
Orange	92866	15,380	16,210	17,037	295	213	241	1.92%	1.31%	1.41%	-28%	5%	13%	5%
Orange	92867	40,914	43,328	45,757	546	461	552	1.33%	1.06%	1.21%	-16%	6%	20%	6%
Orange	92868	23,152	25,477	27,798	445	414	459	1.92%	1.62%	1.65%	-7%	10%	11%	9%
Orange	92869	37,900	40,214	42,498	561	419	494	1.48%	1.04%	1.16%	-25%	6%	18%	6%
Silverado	92676	1,839	2,069	2,326	13	11	13	0.69%	0.55%	0.57%	-11%	13%	17%	12%
Villa Park	92861	5,932	6,144	6,412	46	29	36	0.78%	0.47%	0.56%	-38%	4%	26%	4%
<b>SCC Service Area</b>		<b>199,051</b>	<b>210,693</b>	<b>222,420</b>	<b>2,479</b>	<b>2,064</b>	<b>2,395</b>	<b>1.25%</b>	<b>0.98%</b>	<b>1.08%</b>	<b>-17%</b>	<b>6%</b>	<b>16%</b>	<b>6%</b>
<b>RSCCD Service Area</b>		<b>657,111</b>	<b>687,532</b>	<b>718,264</b>	<b>11,412</b>	<b>10,567</b>	<b>11,968</b>	<b>1.74%</b>	<b>1.54%</b>	<b>1.67%</b>	<b>-7%</b>	<b>5%</b>	<b>13%</b>	<b>4%</b>

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Table 6

**Santa Ana College Traditional On-Campus Credit Program Enrolment by Residence Location, Gender and Ethnicity  
Age 17 to 21 Years**

CCD	Ethnic	Gender	Population			Enrollment			Participation Rate			Change 2000-2005			Change 2005-2010		
			2000	2005	2010	2000	2005	2010	2000	2005	2010	Pop.	Enroll	Part. Rate	Pop.	Enroll	Part. Rate
Rancho Santiago	Asian	Female	2,660	3,162	3,007	268	215	220	10.1%	6.8%	7.3%	18.9%	-19.8%	-33%	-4.9%	2.3%	7%
		Male	3,047	3,147	3,299	258	214	235	8.5%	6.8%	7.1%	3.3%	-17.1%	-20%	4.8%	9.8%	4%
	Black	Female	238	246	319	25	23	32	10.4%	9.3%	10.2%	3.4%	-8.0%	-11%	29.7%	39.1%	10%
		Male	335	305	326	32	31	39	9.7%	10.1%	11.9%	-9.0%	-3.1%	4%	6.9%	25.8%	18%
	Latino	Female	14,940	15,849	18,868	1,764	2,037	2,515	11.8%	12.9%	13.3%	6.1%	15.5%	9%	19.0%	23.5%	3%
		Male	18,431	17,216	20,263	1,407	1,553	1,912	7.6%	9.0%	9.4%	-6.6%	10.4%	18%	17.7%	23.1%	4%
	Other	Female	612	533	625	128	120	131	20.9%	22.5%	20.9%	-12.9%	-6.3%	8%	17.3%	9.2%	-7%
		Male	608	609	588	137	118	118	22.5%	19.3%	20.0%	0.2%	-13.9%	-14%	-3.4%	0.0%	4%
	White	Female	5,197	5,229	5,267	244	203	217	4.7%	3.9%	4.1%	0.6%	-16.8%	-17%	0.7%	6.9%	5%
		Male	5,511	5,554	5,618	245	241	255	4.4%	4.3%	4.5%	0.8%	-1.6%	-2%	1.2%	5.8%	5%
Coast	Asian	Female	3,308	3,865	4,215	100	107	121	3.0%	2.8%	2.9%	16.8%	7.0%	-7%	9.1%	13.1%	4%
		Male	3,445	4,049	4,514	88	84	98	2.6%	2.1%	2.2%	17.5%	-4.5%	-19%	11.5%	16.7%	5%
	Black	Female*	171	177	204	0	3	4	0.2%	1.7%	2.0%	3.5%			15.3%	33.3%	18%
		Male	208	206	220	4	5	6	1.8%	2.4%	2.6%	-1.0%	25.0%	33%	6.8%	20.0%	8%
	Latino	Female	4,224	4,709	5,926	73	112	143	1.7%	2.4%	2.4%	11.5%	53.4%	41%	25.8%	27.7%	0%
		Male	5,092	5,119	6,335	73	86	105	1.4%	1.7%	1.7%	0.5%	17.8%	21%	23.8%	22.1%	0%
	Other	Female	750	877	857	15	17	18	2.0%	1.9%	2.1%	16.9%	13.3%	-5%	-2.3%	5.9%	11%
		Male	748	851	916	21	27	29	2.8%	3.2%	3.2%	13.8%	28.6%	14%	7.6%	7.4%	0%
	White	Female	8,703	9,015	10,529	24	39	45	0.3%	0.4%	0.4%	3.6%	62.5%	33%	16.8%	15.4%	0%
		Male	9,091	9,779	10,846	62	115	130	0.7%	1.2%	1.2%	7.6%	85.5%	71%	10.9%	13.0%	0%

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Table 6 (Continued)

**Santa Ana College Traditional On-Campus Credit Program Enrolment by Residence Location, Gender and Ethnicity  
Age 17 to 21 Years**

CCD	Ethnic	Gender	Population			Enrollment			Participation Rate			Change 2000-2005			Change 2005-2010		
			2000	2005	2010	2000	2005	2010	2000	2005	2010	Pop.	Enrol.	Part. Rate	Pop.	Enrol.	Part. Rate
North Orange County	Asian	Female	3,946	4,649	4,824	59	38	42	1.5%	0.8%	0.9%	17.8%	-35.6%	-47%	3.8%	10.5%	13%
		Male	3,982	4,890	5,274	50	38	40	1.3%	0.8%	0.8%	22.8%	-24.0%	-38%	7.9%	5.3%	0%
	Black	Female	705	717	1051	10	9	13	1.4%	1.2%	1.2%	1.7%	-10.0%	-14%	46.6%	44.4%	0%
		Male	756	831	1209	18	17	31	2.3%	2.0%	2.6%	9.9%	-5.6%	-13%	45.5%	82.4%	30%
	Latino	Female	12,679	14,160	18,045	230	330	451	1.8%	2.3%	2.5%	11.7%	43.5%	28%	27.4%	36.7%	9%
		Male	14,049	15,445	19,077	217	285	376	1.5%	1.8%	2.0%	9.9%	31.3%	20%	23.5%	31.9%	11%
	Other	Female	1030	1106	1253	26	28	35	2.5%	2.6%	2.8%	7.4%	7.7%	4%	13.3%	25.0%	8%
		Male	1027	1111	1283	34	50	61	3.3%	4.5%	4.8%	8.2%	47.1%	36%	15.5%	22.0%	7%
White	Female	10,391	10,303	10,317	87	71	76	0.8%	0.7%	0.7%	-0.8%	-18.4%	-13%	0.1%	7.0%	0%	
	Male	10,370	10,949	10,815	140	148	156	1.4%	1.4%	1.4%	5.6%	5.7%	0%	-1.2%	5.4%	0%	
South Orange County	Asian	Female	5,031	3,530	4,665	24	24	33	0.5%	0.7%	0.7%	-29.8%	0.0%	40%	32.2%	37.5%	0%
		Male	4,628	3,960	4,769	21	23	27	0.5%	0.6%	0.6%	-14.4%	9.5%	20%	20.4%	17.4%	0%
	Black	Female	395	375	506	5	5	8	1.3%	1.4%	1.6%	-5.1%	0.0%	8%	34.9%	60.0%	14%
		Male	419	412	582	9	6	7	2.2%	1.4%	1.2%	-1.7%	-33.3%	-36%	41.3%	16.7%	-14%
	Latino	Female	4,351	5,549	7,514	76	125	169	1.8%	2.3%	2.2%	27.5%	64.5%	28%	35.4%	35.2%	-4%
		Male	4,882	6,248	7,940	82	122	157	1.7%	1.9%	2.0%	28.0%	48.8%	12%	27.1%	28.7%	5%
	Other	Female	1080	1227	1636	26	23	30	2.4%	1.9%	1.9%	13.6%	-11.5%	-21%	33.3%	30.4%	0%
		Male	1107	1246	1650	25	36	50	2.2%	2.9%	3.0%	12.6%	44.0%	32%	32.4%	38.9%	3%
White	Female	12,135	15,667	18,855	45	69	86	0.4%	0.4%	0.5%	29.1%	53.3%	0%	20.3%	24.6%	25%	
	Male	12,695	16,617	19,913	101	153	192	0.8%	0.9%	1.0%	30.9%	51.5%	13%	19.8%	25.5%	11%	
Total			192,977	209,489	243,920	6,253	6,948	8,412	3.2%	3.3%	3.4%	26.4%	34.5%	6%	16.4%	21.1%	3%

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\* For 2000, average of Fall 1999, Spring 2000 and Fall 2000 enrollment from Coast CCD for African-American females was 0.3 (rounded to 0).

Table 7  
**Santa Ana College Traditional Credit Program Enrollment  
 by Service Area of Residence, Gender and Ethnicity  
 Age 17 to 21 Years**

CCD	Ethnic	Gender	Population			Enrollment			Participation Rate			Change 2000-2005	
			2000	2005	2010	2000	2005	2010	2000	2005	2010	Population	Enrollment
SAC Service Area	Asian	Female	1,988	2,235	2,078	214	176	175	10.8%	7.9%	8.4%	12.4%	-17.8%
		Male	2,245	2,210	2,244	191	169	182	8.5%	7.6%	8.1%	-1.6%	-11.5%
	African- American	Female	146	161	183	18	14	17	12.3%	8.7%	9.3%	10.3%	-22.2%
		Male	188	170	205	23	22	30	12.2%	12.9%	14.6%	-9.6%	-4.3%
	Latino	Female	13,015	13,300	15,450	1,592	1,844	2,249	12.2%	13.9%	14.6%	2.2%	15.8%
		Male	15,663	14,211	16,609	1,256	1,404	1,723	8.0%	9.9%	10.4%	-9.3%	11.8%
	Other	Female	338	308	332	72	79	72	21.3%	25.6%	21.7%	-8.9%	9.7%
		Male	365	371	326	79	74	66	21.6%	19.9%	20.2%	1.6%	-6.3%
	White	Female	2,068	1,994	1,934	93	78	80	4.5%	3.9%	4.1%	-3.6%	-16.1%
		Male	2,211	2,140	2,092	96	98	101	4.3%	4.6%	4.8%	-3.2%	2.1%
sub-total			38,227	37,100	41,453	3,634	3,958	4,695	9.5%	10.7%	11.3%	-2.9%	8.9%
SCC Service Area	Asian	Female	672	927	929	54	39	45	8.0%	4.2%	4.8%	37.9%	-27.8%
		Male	802	937	1,055	67	45	53	8.4%	4.8%	5.0%	16.8%	-32.8%
	African- American	Female	92	85	136	7	9	16	7.6%	10.6%	11.8%	-7.6%	28.6%
		Male	147	135	121	10	8	9	6.8%	5.9%	7.4%	-8.2%	-20.0%
	Latino	Female	1,925	2,549	3,418	171	193	267	8.9%	7.6%	7.8%	32.4%	12.9%
		Male	2,768	3,005	3,654	151	149	188	5.5%	5.0%	5.1%	8.6%	-1.3%
	Other	Female	274	225	293	56	41	59	20.4%	18.2%	20.1%	-17.9%	-26.8%
		Male	243	238	262	57	44	51	23.5%	18.5%	19.5%	-2.1%	-22.8%
	White	Female	3,129	3,235	3,333	152	125	137	4.9%	3.9%	4.1%	3.4%	-17.8%
		Male	3,300	3,414	3,526	149	143	153	4.5%	4.2%	4.3%	3.5%	-4.0%
sub-total			13,352	14,750	16,727	874	796	978	6.5%	5.4%	5.8%	10.5%	-8.9%

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Table 8

**SAC Service Area Population and SAC Service Area Enrollment by Ethnicity**

Ethnicity	Population			Percent of Population			Enrollment			Percent of Enrollment			Enrollment Rate		
	2000	2005	2010	2000	2005	2010	2000	2005	2010	2000	2005	2010	2000	2005	2010
Asian	58,892	61,766	64,680	13%	13%	13%	1,741	1,077	1,165	19%	13%	12%	3.0%	1.7%	1.8%
Black	5,551	5,266	5,095	1%	1%	1%	149	120	129	2%	1%	1%	2.7%	2.3%	2.5%
Latino	298,399	323,224	348,103	65%	68%	70%	5,758	6,243	7,250	64%	73%	76%	1.9%	1.9%	2.1%
Other	8,562	8,238	7,900	2%	2%	2%	475	431	415	5%	5%	4%	5.5%	5.2%	5.3%
White	86,656	78,345	70,066	19%	16%	14%	811	632	614	9%	7%	6%	0.9%	0.8%	0.9%
<b>Total</b>	<b>458,060</b>	<b>476,839</b>	<b>495,844</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>8,933</b>	<b>8,503</b>	<b>9,573</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>2.0%</b>	<b>1.8%</b>	<b>1.9%</b>

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Table 9

**SAC Service Area Population and SAC Service Area Enrollment by Ethnicity  
Age 17 to 21 Years**

Ethnicity	Population Age 17-21 Years			Percent of Population			Enrollment			Percent of Enrollment			Enrollment Rate		
	2000	2005	2010	2000	2005	2010	2000	2005	2010	2000	2005	2010	2000	2005	2010
Asian	4,233	4,445	4,322	11%	12%	10%	405	345	357	11%	9%	8%	9.6%	7.8%	8.3%
Black	334	331	388	1%	1%	1%	41	36	47	1%	1%	1%	12.3%	10.9%	12.1%
Latino	28,678	27,511	32,059	75%	74%	77%	2,848	3,248	3,972	78%	82%	85%	9.9%	11.8%	12.4%
Other	703	679	658	2%	2%	2%	151	153	138	4%	4%	3%	21.5%	22.5%	21.0%
White	4,279	4,134	4,026	11%	11%	10%	189	176	181	5%	4%	4%	4.4%	4.3%	4.5%
<b>Total</b>	<b>38,227</b>	<b>37,100</b>	<b>41,453</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>3,634</b>	<b>3,958</b>	<b>4,695</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>9.5%</b>	<b>10.7%</b>	<b>11.3%</b>

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Table 10

**SAC Non-Traditional Enrollment**

Reporting Area	Enrollment			Percent Change	
	2000	2005	2010	2000 to 2005	2005 to 2010
RSCCD	1,478	1,401	1,495	-5%	7%
Coast CCD	1,460	1,075	1,135	-26%	6%
North OC CCD	1,272	1,130	1,223	-11%	8%
South OC CCD	1,833	1,670	1,899	-9%	14%
Non-Orange County (1)	5,606	5,139	5,139	-9%	0%
Unknown/Not Reported	30	9	9	-70%	0%
% Non-Orange County	48%	49%	47%		
<b>Total Non-Traditional</b>	<b>11,679</b>	<b>10,424</b>	<b>10,900</b>	<b>-11%</b>	<b>5%</b>

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Table 11

**SAC CED Enrollment**

Reporting Area	Enrollment			Percent Change	
	2000	2005	2010	2000 to 2005	2005 to 2010
RSCCD	15,352	14,784	16,181	-4%	9%
Coast CCD	875	1,056	1,239	21%	17%
North OC CCD	469	654	771	40%	18%
South OC CCD	884	878	1,101	-1%	25%
Non-Orange County (2)	430	911	911	112%	0%
Unknown/Not Reported (2)	142	365	365	157%	0%
% RSCCD	85%	79%	79%		
<b>Total Continuing Education</b>	<b>18,152</b>	<b>18,648</b>	<b>20,568</b>	<b>3%</b>	<b>10%</b>

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- 1) Enrollment in EMS (Emergency Medical Service) within the Fire Academy declined between 2000 and 2005, and primarily explains the decline in non-RSCCD and non-Orange County student enrollment, as the EMS program draws from a wide area.
- 2) Expanded offerings of the Ed/Career Assessment course appears closely related to the increase in non-Orange County and unknown/unreported residence locations. The maintenance of student records for this course may explain most of the changes noted.