Academic Characteristics and Enrollment Patterns of Students from Santa Ana College's Feeder High Schools

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Background

Students who enter Santa Ana College (SAC) directly from high school are an important segment of the college's population. High school graduates matriculate to a community college for various reasons; some may lack the necessary academic performance criteria for admittance to a four-year university; some may lack the necessary financing to attend the university; still others are here due to proximity to work or home, availability of classes, and future opportunities to transfer to a four-year university. Recent high school graduates most often enroll full-time and, therefore, have important implications for college curriculum and class scheduling. Thus, it is important to Santa Ana College to have a solid understanding of the characteristics of this group of students.

Report Content

This report presents data concerning Santa Ana College's primary feeder high schools (public schools that are located within the SAC service area), and includes 1,170 students who graduated from these feeder high schools in 2003-2004 and enrolled at Santa Ana College in Fall 2004. All private high schools are excluded.

The report includes the following information for each feeder high school:

- ✓ High school class size (9th-12th grades) for the 2003-2004 academic year.
- ✓ High school-to-college transfer patterns: including the size of Spring 2004 high school graduating classes, and the number of new students at SAC in Fall 2004.
- ✓ Academic Performance Index (API) ratings for each feeder high school for 2003 and 2004.

Data sources used in this report include: the California Department of Education's DataQuest system (high school size, graduating class size, and UC/CSU transfer-eligibility), the API files (as reported via the CDE website, http://data1.cde.ca.gov/dataquest/), and data from the RSCCD Research Department Data Warehouse.
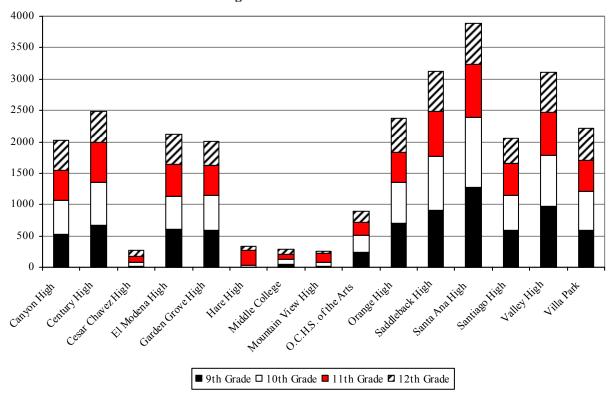
Summary

- Among traditional SAC feeder high schools, the number of enrollments decreases significantly with each successive grade.

- Santa Ana Unified School District had the highest and lowest 2003-04 dropout rates when comparing traditional high schools, Century High and O.C. High School of the Arts (3.74% and 0%, respectively). (page 3)

- In Fall 2004, 64% of all 2003-04 SAC feeder high school graduates enrolled at SAC. (page 4)

- O.C. High School of the Arts and Canyon High School scored the highest APIs in 2004; Valley, Santiago, and Orange High Schools showed the highest growth in performance from 2003 to 2004 (30%-35%). (pages 6 and 8)

- Overall, about one-quarter of graduates from SAC feeder high schools met UC/CSU entrance requirements.
  - Santa Ana High School had the largest 2003-2004 graduating class (n=615), but the lowest percentage of graduates who completed UC/CSU entrance requirements (16%). (page 6)
  - In Santa Ana, Middle College High School and O.C. High School of the Arts boasted the highest proportions of graduates who met UC/CSU entrance requirements (30% and 57%, respectively). (page 6)
  - In Orange, Canyon and Villa Park High Schools graduated the highest percentages of students meeting UC/CSU entrance requirements (51% and 43%, respectively). (page 8)

Student Enrollment and Drops at SAC Feeder High Schools, 2003-2004

High School	9th Grade		10th Grade		11th Grade		12th Grade		TOTAL	
	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop	Enroll	Drop
Garden Grove Unified School District										
Garden Grove High	583	4	566	2	470	2	383	1	**2,002**	**9**
Hare High*	3	0	25	1	239	2	69	24	**336**	**27**
Santiago High	596	2	545	0	518	0	394	3	**2,053**	**5**
Orange Unified School District										
Canyon High	527	1	539	0	487	0	475	1	**2,028**	**2**
El Modena High	602	1	531	4	505	4	477	5	**2,115**	**14**
Orange High	707	22	651	14	478	9	435	11	**2,271**	**56**
Villa Park High	596	9	622	1	486	0	505	3	**2,209**	**13**
Santa Ana Unified School District										
Century High	677	15	675	25	647	32	487	21	**2,486**	**93**
Cesar Chavez High*	9	0	73	3	94	5	87	24	**263**	**32**
Middle College	50	0	80	0	74	0	82	4	**286**	**4**
Mountain View High*	11	0	72	2	147	6	21	9	**251**	**17**
O.C.H.S. of the Arts	240	0	267	0	214	0	176	0	**897**	**0**
Saddleback High	905	2	861	23	725	16	636	25	**3,127**	**66**
Santa Ana High	1,272	8	1,112	25	854	27	649	56	**3,887**	**116**
Valley High	965	15	825	39	681	14	631	38	**3,102**	**106**

*alternative high schools serving very high risk, highly mobile students.

Feeder High School Enrollments 2003-2004

Student Migration from Feeder High Schools to Santa Ana College

The table below reflects the number of 2003-04 high school graduates, as reported to the California Department of Education (CDE), and the number of high school graduates who matriculated to Santa Ana College the following fall. Students new to SAC report their high school of origin as part of the admission process. In Fall 2004, 1,170 new students reported a high school of origin that matched one of the primary feeder high schools for the district. This represents 64% of all new high school graduates (1,832) who enrolled at SAC in Fall 2004.

Of the primary feeder high schools, Santa Ana High had the largest graduating class in 2003-04. Relative to graduating class size, however, the greatest proportion of graduates who matriculated to Santa Ana College came from Middle College High (95% of its graduating class).

High School	Graduates 2003-04	Santa Ana College First-Time Freshmen Fall 2004		
		# Enrolled Fall 2004	Participation Rate[1]	% All New HS Graduates at SAC Fall 2004
Garden Grove Unified School District				
Garden Grove High	372	38	10%	2%
Hare High	131	4	3%	<1%
Santiago High	393	111	28%	6%
Orange Unified School District				
Canyon High	463	30	6%	2%
El Modena High	390	46	12%	3%
Orange High	367	80	22%	4%
Villa Park High	465	34	7%	2%
Santa Ana Unified School District				
Century High	472	195	41%	11%
Cesar Chavez High	108	33	31%	2%
Middle College High	80	76	95%	4%
Mountain View High	168	51	30%	3%
O.C.H.S. of the Arts	174	2	1%	<1%
Saddleback High	572	58	10%	3%
Santa Ana High	615	241	39%	13%
Valley High	480	171	36%	9%
Total	**5,250**	**1,170**	**22%**	**64%**

[1] Participation Rate: This is the percentage of the total graduating class from 2003-04 at each feeder high school that enrolled at Santa Ana College the following Fall 2004.

Academic Preparedness of High School Transfers to Santa Ana College

In addition to identifying the migration patterns of students from area high schools to Santa Ana College, we wanted to look at standardized measures of academic performance of those students in order to better understand their academic preparedness and inform those charged with setting college curricula and providing academic advising services to new students. For each high school, we present:

- o   Academic Performance Index ratings
- o   Size of high school graduating class and enrollments at Santa Ana College

The Academic Performance Index (API) represents a numeric index used to measure the academic performance and progress of schools. The scores range from 200 to 1000, with a 5% annual API growth target, which was set by the Public Schools Accountability Act of 1999. The state has set 800 as the API score that schools should strive to meet. All schools that receive APIs are ranked in deciles against like institutions (e.g., high schools). A rank of 10 is the highest and 1 is the lowest. The API Base scores were based upon the results of the Standardized Testing and Reporting (STAR) program and the *California High School Exit Examination* (CAHSEE). Comparisons between Base scores reveal changes in school performance between 2003 and 2004.

Although students from all schools take the exams, only those schools for which more than 11 students have valid test scores receive an API score and ranking. For example, small continuation schools do not always have enough students tested during a given year to receive a rating.

Size and characteristics of graduating class. We recognize that many high school graduates matriculate to public or private four-year universities. While there are exceptions, many students who matriculate to a local community college are somewhat less academically prepared for college than their peers who go directly to four-year universities. With these observations in mind, we have provided the number of spring high school graduates who had versus had not completed all courses required for UC and/or CSU admission, compared to the number of students who enrolled at Santa Ana College the following fall. Placed in this context, we begin to look for patterns. We might not expect many students to come to Santa Ana College from a high school with API scores in the top decile, where more than half the graduates have already completed all courses required for entrance to a UC or CSU. Rather, we might expect a higher proportion of students from a high school with lower API scores, where few students complete UC or CSU required courses before graduating.

Santa Ana Unified School District

Santa Ana High, the oldest and largest high school in Orange County, enrolls 3,887 students. It was established in 1889 as part of the Santa Ana Unified School District. The largest number of SAUSD graduates to matriculate to Santa Ana College (241) comes from Santa Ana High.

The Century High student body of 2,500 is diverse. While it is comprised primarily of Hispanic students (93%), 14 different languages are spoken by its students. In 1994, when Century High was only five years old, it was recognized as a California Distinguished School.

With an enrollment of over 3,100 students, Valley High had the largest API growth from 2003 to 2004 among all schools in the Santa Ana Unified School District.

Academic Performance Index								
	Century High	Cesar Chavez[1]	Middle College	Mountain View High[1]	O.C.H.S. of the Arts	Saddleback High	Santa Ana High	Valley High
2003 API (Base)	556 (n=1970)	487* (n=138)	728 (n=158)	n/a	841 (n=976)	611 (n=2270)	601 (n=2715)	539 (n=2204)
2003 Statewide Rank	2nd decile	n/a	8th decile	n/a	10th decile	3rd decile	3rd decile	1st decile
2004 API (Base)	569 (n=1822)	464* (n=30)	691 (n=193)	458* (n=55)	856 (n=973)	635 (n=2290)	629 (n=2880)	598 (n=2146)
2004 Statewide Rank	2nd decile	n/a	6th decile	n/a	10th decile	4th decile	4th decile	2nd decile
2004 API (Growth)	555	421	708	431	861	621	611	574
2003-2004 Growth	-1	-66	-20	n/a	20	10	10	35

High School Class Size & Enrollment at Santa Ana College								
	Century High	Cesar Chavez	Middle College	Mountain View High	O.C.H.S. of the Arts	Saddleback High	Santa Ana High	Valley High
# Graduates 2003-04	472	108	80	168	174	572	615	480
% Graduates with UC/CSU courses[2]	17%	0%	30%	0%	57%	22%	16%	18%
% Graduates without UC/CSU courses	83%	100%	70%	100%	43%	78%	84%	82%
% Enrolled at SAC Fall 2004	41%	31%	95%	30%	1%	10%	39%	36%

*API is calculated for a small school, defined as having between 11 and 99 Standardized Testing and Reporting (STAR) test scores included in the API (valid scores). APIs based on small numbers of students are less reliable and therefore should be carefully interpreted.

[1] Alternative schools serving very high-risk, highly mobile students.

[2] Graduates with UC/CSU courses: the percentage of 2003-04 graduates who had successfully completed ("C" or better) all the courses required for UC and/or CSU entrance.

Garden Grove Unified School District

The Garden Grove Unified School District was awarded $125,000 from the Broad Foundation for college scholarships this year. The prestigious honor recognizes the GGUSD as one of the top five urban school districts in the nation.

With a current enrollment of over 2,000 students, Garden Grove High School first opened its doors to students and faculty in 1921.

Santiago High, also with an enrollment of over 2,000 students, had the largest API growth (63 point improvement) from 2002 to 2003 among all feeder high schools in the Garden Grove Unified School District, the second largest high school increase in Orange County. This year the 33 point improvement led GGUSD again and was the 4th highest increase in the county.

Academic Performance Index			
	Garden Grove High	**Hare High**[1]	**Santiago High**
2003 API (Base)	698 (n=1400)	454* (n=166)	619 (n=1471)
2003 Statewide Rank	7th decile	n/a	4th decile
2004 API (Base)	698 (n=1477)	435* (n=95)	644 (n=1440)
2004 Statewide Rank	7th decile	n/a	4th decile
2004 API (Growth)	709	476	652
2003-2004 Growth	11	22	33

High School Class Size & Enrollment at Santa Ana College			
	Garden Grove High	**Hare High**	**Santiago High**
# Graduates 2003-04	372	131	393
% Graduates with UC/CSU courses[2]	23%	0%	20%
% Graduates without UC/CSU courses	77%	100%	80%
% Enrolled at Santa Ana College Fall 2004	10%	3%	28%

*API is calculated for a small school, defined as having between 11 and 99 Standardized Testing and Reporting (STAR) test scores included in the API (valid scores). APIs based on small numbers of students are less reliable and therefore should be carefully interpreted.
[1] Alternative schools serving very high-risk, highly mobile students.
[2] Graduates with UC/CSU courses: The percentage of 2003-04 graduates who had successfully completed ("C" or better) all the courses required for UC and/or CSU entrance.

Orange Unified School District

Orange High, the oldest and second largest high school in Orange Unified School District enrolls 2,271 students. Established in September 1903, it was originally part of the Orange Union High School District. In 2003, a faculty member from Orange High won OUSD's High School Teacher of the Year award.

Orange High sent the largest number of graduates to Santa Ana College (80), the same number of graduates El Modena High and Villa Park High sent combined. Orange High also had the largest API growth from 2003 to 2004 among all schools in the Orange Unified School District.

Canyon High is the most recent addition to Orange Unified School District. Opening its doors in 1973, today Canyon High has an enrollment of 2,028. Though Canyon High is the smallest high school in OUSD and sent the fewest number of graduates to Santa Ana College, it had the highest percentage of graduates with UC/CSU courses (51%).

Academic Performance Index				
	Canyon High	El Modena High	Orange High	Villa Park High
2003 API (Base)	780 (n=1414)	733 (n=1491)	623 (n=1485)	766 (n=1566
2003 Statewide Rank	9th decile	8th decile	4th decile	9th decile
2004 API (Base)	794 (n=1446)	733 (n=1513)	647 (n=1578)	786 (n=1542)
2004 Statewide Rank	10th decile	8th decile	4th decile	9th decile
2004 API (Growth)	796	747	653	779
2003-2004 Growth	16	14	30	13

High School Class Size & Enrollment at Santa Ana College				
	Canyon High	El Modena High	Orange High	Villa Park
# Graduates 2003-04	463	390	367	465
% Graduates with UC/CSU courses[2]	51%	23%	22%	43%
% Graduates without UC/CSU courses	49%	77%	78%	57%
% Enrolled at Santa Ana College Fall 2004	6%	12%	22%	7%

* API is calculated for a small school, defined as having between 11 and 99 Standardized Testing and Reporting (STAR) test scores included in the API (valid scores). APIs based on small numbers of students are less reliable and therefore should be carefully interpreted.

[2] Graduates with UC/CSU courses: The percentage of 2003-04 graduates who had successfully completed ("C" or better) all the courses required for UC and/or CSU entrance.