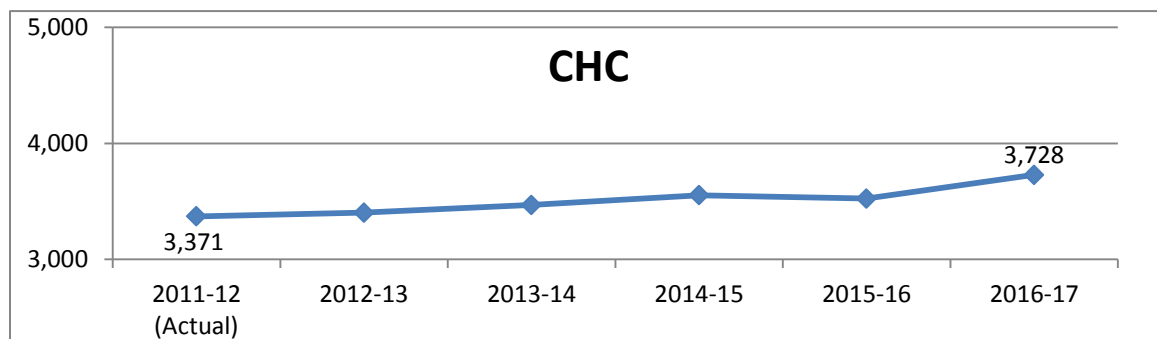


Research Brief: Grade 12 San Bernardino Community College District High School District Enrollment Projections from 2012-2013 to 2016-2017 for the Top CHC Feeder High Schools

Overview: The following brief uses the Cohort Survival Rate (CSR) and the Weighted Average Cohort Survival Rate (WACSR) to project grade 12 enrollments for top feeder High School Districts in the San Bernardino Community College District for Crafton Hills College (CHC).

Summary of Findings:

- The top feeder high schools for Crafton Hills College (CHC) are Yucaipa, Redlands East Valley, Redlands, Citrus, and Beaumont High Schools
- The top feeder high school Districts for CHC are Redlands Unified, Yucaipa-Calimesa Unified, Beaumont Unified, and Banning Unified (Excludes SBVC Top Feeder Districts)
- The projected grade 12 enrollments for the CHC High School Districts indicate an 11% increase from 3,371 in 2011-2012 to 3,728 in 2016-2017



Methodology: Tables 1 and 1A provide the top feeder high schools to CHC for Fall 2012 by High School and High School District. Students who were identified as having an end year in high school in 2012 and who earned a Grade on Record (GOR) at CHC in Fall 2012 were included in the count to identify the top feeder High Schools.

Table 3 illustrates the Grade 12 enrollment projections for the top feeder High School Districts from 2012-2013 to 2016-2017 for CHC. The methodology used to make the five-year Grade 12 enrollments was modeled after the methodology used by Blair (2012) from Noel-Levitz. The projections of Grade 12 enrollments used the Weighted Average Cohort Survival Rate (WACSR). In order to calculate the WACSR the Cohort Survival Rate (CSR) needs to be calculated first. The CSR is the number of current students in Grade 12 divided by the number of students in grade 11 during the previous year. The CSR needs to be calculated for the past five years. Equally important, in order to project Grade 12 enrollments out for five years, grade enrollments also had to be projected for multiple grades. The methodology for calculating the WACSR is 40% of the current CSR + 15% of the CSR for each of the previous four years. To make a prediction the WACSR is multiplied by the most current grade 11 class. This methodology was used to project the Grade 12 enrollments from 2012-2013 to 2016-2017.

In addition to the WACSR, the predicted increase in K-12 enrollments in Riverside and San Bernardino Counties by the California Department of Finance was also used to weight the projected Grade 12 enrollments. The California Department of Finance is predicting the largest K-12 enrollment increase for Riverside County (86,000 from 2011-12 to 2021-22) followed by San Bernardino County (35,000 from 2011-12 to 2021-22). The following formula was used for high schools in each county to weight the results based on the predicted increase: $86,000 / 11 \text{ years} = 7,818$; $7,818 / 13 \text{ grades} = \text{a } 601 \text{ annual increase per grade}$; $601/86,000 = .007$ as the applied weight. Using the same formula, the applied weight for San Bernardino County high schools was also .007.

Findings: The top feeder high schools for CHC are Yucaipa, Redlands East Valley, Redlands, Citrus, and Beaumont High Schools (see Tables 1 and 1A). The top feeder High School Districts are Redlands Unified, Yucaipa-Calimesa Unified, Beaumont Unified, and Banning Unified when the SBVC top feeder High School Districts are excluded. Grade 12 enrollments are projected to increase from 3,371 in 2011-2012 to 3,728 in 2016-2017, an 11% increase for the top feeder CHC High School Districts (see Table 3).

Table 1: Fall 2012 Top Crafton Hills College Feeder High Schools.

High School	#	%
YUCAIPA SENIOR HIGH SCHOOL	176	22.1
REDLANDS EAST VALLEY HS	106	13.3
REDLANDS HIGH SCHOOL	94	11.8
CITRUS VALLEY HIGH SCHOOL	61	7.7
BEAUMONT HIGH SCHOOL	55	6.9
SAN GORGONIO HIGH SCHOOL	35	4.4
GREEN VALLEY HIGH SCHOOL	23	2.9
OTHER HOME SCHOOL	23	2.9
ORANGEWOOD HIGH SCHOOL	17	2.1
RIM WORLD HIGH SCHOOL	13	1.6
RIALTO HIGH SCHOOL	12	1.5
CAJON HIGH SCHOOL	11	1.4
COLTON HIGH SCHOOL	8	1.0
BANNING HIGH SCHOOL	7	0.9
VALLEY VIEW HIGH SCHOOL	7	0.9
CANYON SPRINGS HIGH SCHOOL	6	0.8
GROVE HIGH SCHOOL	6	0.8
SAN BERNARDINO HIGH SCHOOL	6	0.8
AQUINAS HIGH SCHOOL	5	0.6
ARROYO VALLEY HIGH SCHOOL	5	0.6
SAN ANDREAS HS SAN BERNARDINO	5	0.6
Total from Top Feeder High Schools	681	85.7
All Other High Schools	114	14.3
Total	795	100.0

Table 1A: Fall 2012 Top Crafton Hills College Feeder High School Districts.

High School Districts	#	%
Redlands Unified	278	42.8
Yucaipa-Calimesa Unified	199	30.6
San Bernardino City Unified	68	10.5
Beaumont Unified	55	8.5
Rialto Unified	18	2.8
Rim of the World Unified	13	2
Colton Joint Unified	10	1.5
Banning Unified	7	1.1
Bear Valley Unified	2	0.3
Total	650	100.0

Table 2: Top Feeder San Bernardino Community College District (SBCCD) Crafton Hills College (CHC) High School Grade 12 Enrollment Projections from 2012-2013 to 2016-2017 by High School District.

Top Feeder SBCCD High Schools	Actual	Grade 12 Enrollment Projections					# Change from 11-12 to 16-17	% Change from 11-12 to 16-17
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17		
Banning Unified (Banning, New Horizons)	285	309	290	322	320	322	37	13.00%
Beaumont Unified (Beaumont, Glen View)	576	651	673	717	751	853	277	48.10%
Redlands Unified (Citrus, REV, RSH, Orangewood)	1,983	2,010	2,029	2,090	2,021	2,061	78	3.90%
Yucaipa-Calimesa Unified (Yucaipa, Green Valley)	812	741	767	746	752	814	2	0.20%
CHC District Totals	3,371	3,402	3,469	3,553	3,524	3,728	357	10.6%

Note: Rim of the World and Bear Valley Unified were excluded because neither District was identified as a top feeder District to Crafton.

References:

Blair, P. (2012). Using County-Level High School Enrollment Projections to Size Your College Enrollment Market. Retrieved January 16, 2013 from <http://blog.noellewitz.com/2012/10/04/county-level-high-school-enrollment-projections-size-college-enrollment-market/>