SBCCD High School Capture Rate for the 2017-2018 Academic Year

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BACKGROUND:

This research brief provides an analysis of SBCCD's High School Capture Rate for the 2017-2018 academic year. High School Capture Rate is defined as the proportion of high school graduates, from our service area feeder-schools, that first attended SBCCD in the 2017-2018 academic year (Summer 2017 – Spring 2018). To be counted as having "attended SBCCD" in the 2017-2018 academic year, students must have enrolled in a course.

The supplemental document (High School Capture Rate - CHART_5) provides a complete list of SBCCD feeder-schools, within our Service Area, along with the Capture Rate for each institution for the 2017-2018 academic year. Data described in this report were provided by (1) The SBCCD Office of Research, Planning and Institutional Effectiveness and (2) The California School Dashboard.

DEMOGRAPHICS OF GRADUATING SENIORS FROM FEEDER-SCHOOLS IN THE SBCCD SERVICE AREA:

Table 1:

Gender	Number of 2017 Grads
Female	4858 (50%)
Male	4856 (49%)
Unknown	190 (1%)
Grand Total	9904

Table 2:

Student Characteristics **	Number of 2017 Grads
Economically Disadvantaged	7629 (80%)
English Learners	1961 (20%)
Students with a Disability	1060 (11%)
Total Enrollment	9382 **

*** Data was only available for 21 of the 28 high schools*

Table 3:

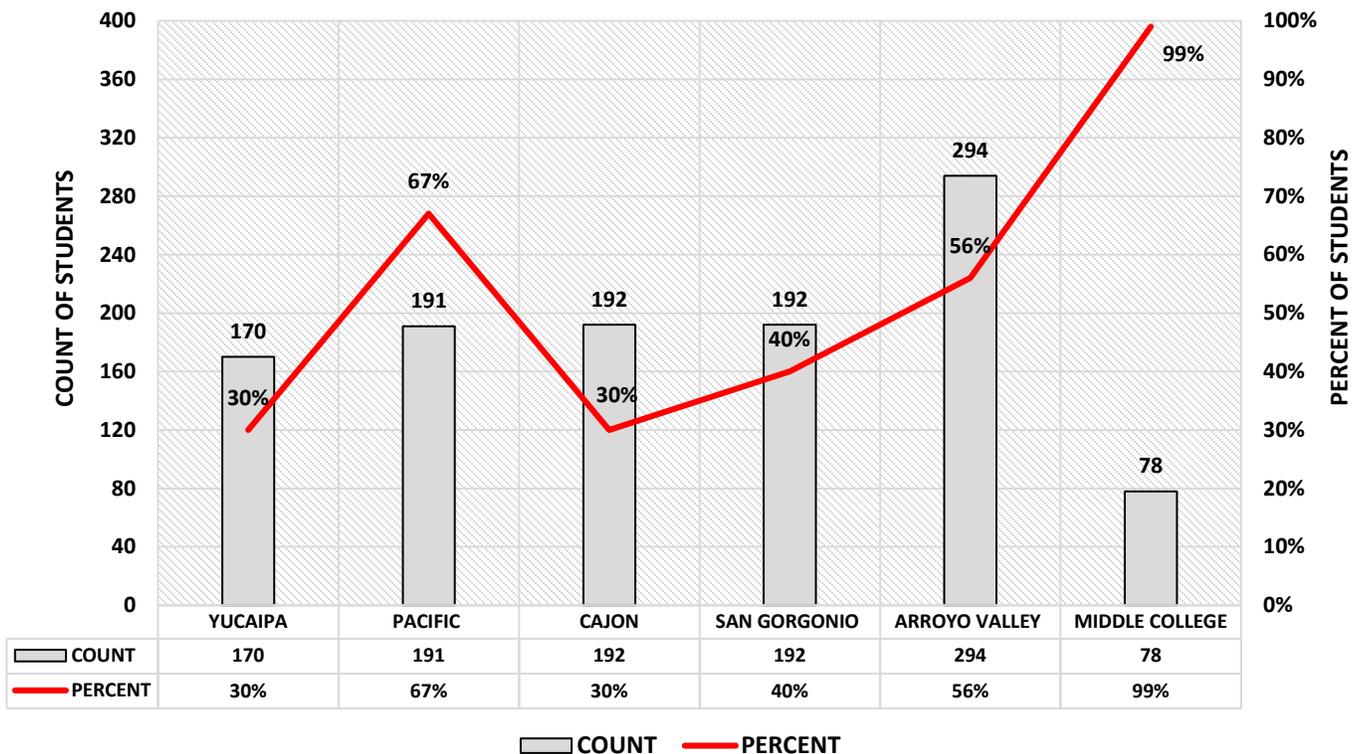| Race/Ethnicity	Number of 2017 Grads
African American	809 (8.17%)
Asian	300 (3.03%)
Filipino	129 (1.30%)
Hispanic	6501 (66.64%)
Multiple	116 (1.17%)
Native American	47 (0.47%)
Pacific Islander	44 (0.44%)
Unknown	242 (2.44%)
White	1716 (17.33%)
Grand Total	9904

SUMMARY OF DEMOGRAPHICS

- The 28 feeder high schools from the SBCCD service area produced a total of 9904 graduates in 2017 (see table 1).

- 4858 (50%) graduates were **female**, 4856 (49%) were **male** and 190 (1%) were either **unknown or unreported** (see table 1).

- Most graduates were **Hispanic** (6501; 65.64%) followed by **White** (1716; 17.33%).

- The majority (80%) of graduates were from economically disadvantaged backgrounds. 20% were English learners (see table 2).
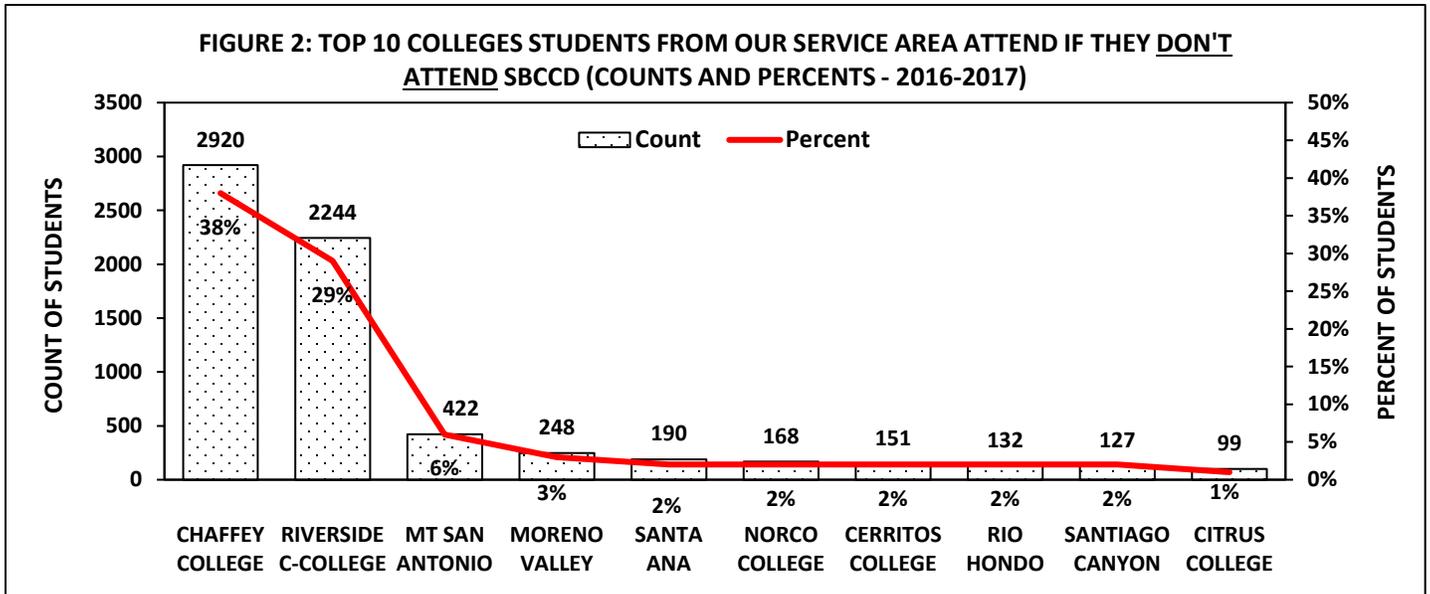
San Bernardino Community College District

NUMBER OF 2017 GRADUATING SENIORS FROM SBCCD SERVICE AREA FEEDER-SCHOOLS ATTENDING SBCCD	**SBCCD FEEDER- SCHOOLS 2016-2017**	**SBCCD FEEDER- SCHOOLS 2016-2017**

- There is a total of 28 feeder-schools (3 continuation; 1 private; 1 charter) in our service area.

- **Figure 1** provides the Capture Rate for the **top six feeder-schools** from the SBCCD service area.

- Together, these six schools account for 1117 (43%) of our total high school Capture Rate.

- In 2017, SBCCD captured 2611 (26%) of the graduating high school seniors from our service area feeder-schools (see supplemental document for details).

- Our **highest** Capture Rate was **Middle College** (99%) and our **lowest** was **Fontana High School** and **Arrowhead Christian Academy** (tied with 6%) – see supplemental document for details.

SBCCD FEEDER- SCHOOLS 2016-2017

1. San Gorgonio
2. Pacific
3. San Bernardino
4. Cajon
5. San Andreas
6. Arroyo Valley
7. Sierra
8. Rim of the World
9. Middle College
10. Aquinas **
11. Eisenhower
12. Rialto
13. Milor *
14. Wilmer Amina Carter

SBCCD FEEDER- SCHOOLS 2016-2017

15. Grove ***
16. Orangewood*
17. Redlands East
18. Redlands Senior
19. Citrus Valley
20. Arrowhead
21. Green Valley *
22. Yucaipa
23. Colton
24. Bloomington
25. Grand Terrace
26. Beaumont senior
27. Banning
28. Fontana

* = Continuation School; ** = Private School; *** = Charter School

FIGURE 1: SBCCD HIGH SCHOOL CAPTURE RATE BY SCHOOL DISTRICT - TOP SIX

	YUCAIPA	PACIFIC	CAJON	SAN GORGONIO	ARROYO VALLEY	MIDDLE COLLEGE
COUNT	170	191	192	192	294	78
PERCENT	30%	67%	30%	40%	56%	99%

WHERE DO STUDENTS FROM OUR SERVICE AREA ATTEND COLLEGE IF THEY DON'T ATTEND SBCCD?

FIGURE 2: TOP 10 COLLEGES STUDENTS FROM OUR SERVICE AREA ATTEND IF THEY **DON'T** ATTEND SBCCD (COUNTS AND PERCENTS - 2016-2017)

Table 4:

Gender	Number of UC/CSU-Eligible Grads*
Female	**1532 (32%)**
Male	1095 (23%)
Grand Total	**2627 (27%)**

Table 5:

Race/Ethnicity	Number of UC/CSU-Eligible Grads*
African American	**217 (27%)**
Asian	171 (57%)
Filipino	**55 (43%)**
Hispanic	1636 (25%)
Multiple	**38 (33%)**
Native American	9 (19%)
Pacific Islander	**16 (36%)**
Unknown	11 (1%)
White	**474 (28%)**
Grand Total	2627 (27%)

UNDERSTANDING THE (UN)CAPTURED RATE:

While we do not have data on where or if high school students, from our service area, attend college, we can look at (1) competition from other CC's and (2) the number of graduates that are UC/CSU eligible to understand where "uncaptured" students from our service area "may" attend college.

Competition from other CC's: All College Students

❖ Note, this section considers "all students" from the SBCCD service area (e.g. high school, GED, etc.)

❖ 7652 (38%) of the 20,429 students from the SBCCD service area chose another Community College.

❖ **Figure 2:** Most students (5164; 67%) from SBCCD's service area that **did not** choose to attend SBBCD chose either Chaffey 2920 (38%) or Riverside City College 2244 (29%).

UC/CSU Eligibility (Tables 4 & 5): High School Grads*

❖ **Definition:** Completed all courses required for entry into the UC/CSU with a grade "C" or better.

❖ 2627 (27%) of graduates from our service area feeder-schools were eligible to attend a UC or CSU.

DISCUSSION AND CONCLUSION

Unique Demographics of SBCCD Service Area:

High school graduates from SBCCD feeder-schools in the SBCCD service area were predominantly Hispanic/Latino (66%) and economically disadvantaged (80%). Despite the high rates of economic disadvantage in our service area, the number of graduates from our feeder-schools was quite impressive. The 9904 graduates amount to an average of 354 graduates per year, per high school, with an average of 234 graduates being low income Hispanics/Latinos. Furthermore, over a quarter (27%) of all feeder-school graduates had reached achievement levels that made them eligible to attend a UC/CSU. This suggests that our feeder-school graduates are persisting and attending college at relatively high rates, despite clear barriers to access and success.

Understanding our High School Capture Rate:

As reported above, 27% of the 2016-2017 high school graduates from our feeder-schools were eligible to attend a UC/CSU. Assuming that every UC/CSU eligible student were to attend a UC or CSU, this means that, at a minimum, 73% (7277) of our feeder-school graduates were potential SBCCD attendees and that SBCCD captured about 26% of these graduates, leaving a 47% "uncaptured rate". As expected, our top-ten capture rate comes from schools in San Bernardino (Middle College was the highest with 99%) and Yucaipa (Yucaipa and Green Valley high schools were tied with 30%). The average capture rate from the remaining schools was 18%.

With regards to the 43% "uncaptured rate," we relied on data from the California Community College Chancellors Office to determine where students living in our service area went to college. This included all students (e.g., high school grads, GED, non-traditional, etc.). This allowed us to calculate what percentage of college-going students from the SBCCD service area attended other community colleges. While this does not directly address where the 43% of "uncaptured" high school graduates from 2017 attended college, we can at least see that the majority (67%) of students from our service area that did not attend SBCCD went to either Chaffey College (38%) or Riverside City College (29%).

Understanding the "uncaptured rate" is a bit challenging as we do not have access to data sources that track whether and where high school graduates attend college. We only have access to student level data about college attendance rates once a student has matriculated at a postsecondary intuition. This data is gathered by the National Student Clearinghouse (NSC). The NSC does provide a high school tracker service but it is only available to K-12 institutions because they must provide their data to the NSC and the NSC will track the students as they progress through the higher education system. Thus, partnering with local high schools might provide an opportunity to acquire more fine-grained detail about whether and where our service area graduates attend college.

College Now: Expanding Dual Enrollment

One avenue for increasing our capture rate is expanding our dual enrollment programs and services. The SBCCD capture rate for Middle College was 99%. This suggests that developing a more expansive dual enrollment program that exposes students to SBCCD would be a significant step towards capturing a greater rate of the high school graduates that do not choose to attend SBCCD. College Now is a prime example of how strong connections with local high schools can increase access and success.

The City University of New York (CUNY) has partnered with the NY Department of Education, 18 of its campuses and 420 high schools. Some of the program highlights are (1) college credit courses aligned with first year study at CUNY, (2) pre-college courses that increase college readiness and reduce the need for remediation, (3) college awareness courses and activities and (4) summer programs.

Data Sources and References:

1. California School Dashboard (www.caschooldashboard.org/#/Home)
2. SBCCD Office of Research Planning and Institutional Effectiveness (www.sbccd.org/research)
3. California Community College Chancellors Office (http://cccco.edu)
4. City University of New York – College Now (http://www2.cuny.edu/academics/school-college-partnerships/college-now)

	High School Graduates in 2016-2017	First-time Freshman Enrolled at SBCCD in 2017-2018	High School Capture Rate 2017-2018
SCHOOLS IN SAN BERNARDINO	3388	1294	40%
San Gorgonio High School	477	192	40%
Pacific High School	284	191	67%
San Bernardino High School	291	128	44%
Cajon High School	630	192	30%
San Andreas High School	341	96	28%
Arroyo Valley High School	525	294	56%
Sierra High School	257	48	19%
Rim of the World High School	258	60	23%
Middle College High School	79	78	99%
Aquinas High School **	105	15	14%
SCHOOLS IN RIALTO	1884	362	22%
Eisenhower High School	467	101	22%
Rialto High School	554	108	19%
Milor Continuation *	147	29	20%
Wilmer Amina Carter	506	124	25%
SCHOOLS IN REDLANDS	1847	316	18%
Grove Charter School ***	29	7	24%
Orangewood Continuation *	89	19	21%
Redlands East High School	528	91	17%
Redlands Senior High School	513	94	18%
Citrus Valley High School	508	100	20%
Arrowhead Christian Academy	85	5	6%
SCHOOLS IN YUCAIPA	674	196	30%
Green Valley High School *	87	26	30%
Yucaipa High School	559	170	30%
SCHOOLS IN OTHER SBCCD CITIES	2700	433	17%
Colton High School	360	88	24%
Bloomington High School	454	44	10%
Grand terrace High School	503	106	21%
Beaumont senior High School	599	142	24%
Banning High School	207	23	11%
Fontana High School	462	30	6%
TOTAL	9904	2611	26%

* = Continuation High School; ** = Private High School; *** = Charter High School
Data Sources: California School Dashboard (www.caschooldashboard.org/#/Home) & SBCCD ORPIE (www.sbccd.org/research)