



Student Drop Analysis August 22 to 23 2021
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Riverside Community College District mandated that all students enrolled in on-campus classes be vaccinated for COVID before August 19th, 2021. The messaging to students included information that if the student must upload proof of vaccination into the Cleared4 application prior to this date or be dropped (automatically disenrolled) from face-to-face courses.

Riverside City College’s Office of Institutional Effectiveness is looking at the impact this drop has had with an equity lens as well as within certain academic disciplines. This report shares initial findings based on enrollment as of August 22, 2021 and enrollment as of August 23, 2021 at 7:37 am. The data files used for this enrollment were provided by the District Institutional Research Office.

Overall, the COVID-19 vaccination deadline drop resulted in a loss of 10.5% of RCCD students with RCC losing 11.5%. The course count drop (total of courses dropped) was slightly less than the unique headcount. Table 1 shows the unique student headcount drop and Table 2 shows the drop by total courses.

Table 1: Unique Headcount by College

College	August 22	August 23	% Loss Headcount
MVC	7,614	6,852	10.0%
NC	8,935	8,167	8.6%
RCC	19,189	16,984	11.5%
District Total	35,738	32,003	10.5%

If a student is enrolled at more than one college, they are counted at each college.

Table 2: Course Drop by College

College	August 22	August 23	% Loss Courses
MVC	17,808	16,239	8.8%
NC	20,041	18,406	8.2%
RCC	51,935	46,401	10.7%
District Total	89,784	81,046	9.7%

One specific concern about the COVID-19 vaccination included the potential disproportionate impact on RCC student populations. Initial data shows that this drop did have a higher impact on African American students. From August 22nd to August 23rd, African American students had the highest percentage of drops by student (15.3%) and also the second highest number of course drops (14.8%).

Table 3: RCC Unique Student Drop by Race / Ethnicity

Race / Ethnicity	August 22	August 23	Dropped	% Loss Headcount	% Enrolled Aug 23 by Total
African-American	1,389	1,176	213	15.3%	6.9%
Two or More	655	571	84	12.8%	3.4%
Hispanic	12,388	10,887	1,501	12.1%	64.1%
Pacific Islander	71	63	8	11.3%	0.4%
White	3,007	2,737	270	9.0%	16.1%
Asian	1,305	1,201	104	8.0%	7.1%
Unreported	326	304	22	6.7%	1.8%
American Indian	48	45	3	6.3%	0.3%
RCC Total	19,189	16,984	2,205	11.5%	100.0%

Table 4: RCC Course Drop by Race / Ethnicity

Race / Ethnicity	August 22	August 23	Dropped	% Loss Courses
Pacific Islander	198	167	31	15.7%
African-American	3,929	3,347	582	14.8%
Two or More	1,900	1,678	222	11.7%
Hispanic	33,662	29,944	3,718	11.0%
White	7,853	7,179	674	8.6%
Unreported	829	766	63	7.6%
Asian	3,432	3,194	238	6.9%
American Indian	132	126	6	4.5%
RCC Total	51,935	46,401	5,534	10.7%

By Academic Division, RCC's STEM & Kinesiology Division had 14.3% of its course enrollment dropped. By Department, Applied Technology lost the most course enrollment – 21.0%. Tables 5 and 6 have drop information by Division and Department.

Table 5: RCC Course Drop by Academic Division

Academic Division	August 22	August 23	Dropped	% Loss Courses
STEM & Kinesiology	12,520	10,731	1,789	14.3%
Fine & Performing Arts	4,401	3,868	533	12.1%
Languages, Humanities, and Social Sciences	21,745	19,156	2,589	11.9%
Career & Technical Education	10,367	9,801	566	5.5%
Nursing	1,767	1,714	53	3.0%
Counseling and Library Services	1,135	1,131	4	0.4%
RCC Total	51,935	46,401	5,534	10.7%

Table 6: RCC Course Drop by Department

Department	August 22	August 23	Dropped	% Loss Courses
Applied Technology	2160	1707	453	21.0%
Mathematics	4687	3829	858	18.3%
Physical Science	1085	892	193	17.8%
Kinesiology	2859	2372	487	17.0%
Dance	344	286	58	16.9%
English & Media Studies	6181	5169	1012	16.4%
Chemistry	1055	907	148	14.0%
History/Humanities/Philosophy	3174	2742	432	13.6%
Music	1615	1407	208	12.9%
Behavioral Sciences	5773	5048	725	12.6%
Art	1443	1265	178	12.3%
Economics, Geo, Pol. Sci.	2754	2441	313	11.4%
Theatre	999	910	89	8.9%
Communication Studies	2365	2264	101	4.3%
Life Sciences	2858	2743	115	4.0%
Early Childhood Education	1496	1443	53	3.5%
Nursing	1767	1714	53	3.0%
Business Admin/Info Sys Tech	6113	6065	48	0.8%
World Languages	1498	1492	6	0.4%
Counseling	1012	1008	4	0.4%
Library & Learning Resources	123	123	-	0.0%
Senior Citizen Education	574	574	-	0.0%
RCC Total	51,935	46,401	5,534	10.7%



At the course level, ENG-1A and MAT-12 courses lost the most students by headcount. For both courses, African American student drop rates were higher than the overall course drop rates.

Table 7: RCC Top 2 Courses Dropped with Race / Ethnicity

Course and Race / Ethnicity	August 22	August 23	Dropped	% Loss Courses
ENG-1A	3736	3069	667	17.9%
African-American	285	213	72	25.3%
Hispanic	2609	2143	466	17.9%
White	434	363	71	16.4%
Asian	208	177	31	14.9%
Two or More	149	127	22	14.8%
Unreported	28	25	3	10.7%
American Indian	10	9	1	10.0%
Pacific Islander	13	12	1	7.7%
MAT-12	1515	1219	296	19.5%
Pacific Islander	5	3	2	40.0%
Unreported	12	9	3	25.0%
African-American	123	94	29	23.6%
Two or More	51	39	12	23.5%
Hispanic	1053	841	212	20.1%
White	179	153	26	14.5%
Asian	87	75	12	13.8%
American Indian	5	5	-	0.0%
Total	5,251	4,288	963	18.3%

RCC's Office of Institutional Effectiveness will continue to look at Fall 2021 enrollment as of Census and also at the end of the term. The initial analysis in this report might help frame conversations about impact and potential outreach needed as the college continues to support student success.