# FRONT RANGE COMMUNITY COLLEGE: STRATEGIC PLAN METRICS



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#### 6. FRONT RANGE COMMUNITY COLLEGE

### FRONT RANGE COMMUNITY COLLEGE: STRATEGIC PLAN AY 18-19<sup>1</sup> SNAPSHOT

#### Table 6.1: FRCC AY 18-19 Leading Indicators

**60.5%** of students completed a gateway English course in their 1<sup>st</sup> year; **66.5%** of students taking a gateway English course successfully completed

**25.9%** of students completed a gateway Math course in their 1<sup>st</sup> year; **56.5%** of students taking a gateway math course successfully completed

Students earned an average of 12.7 credits in their first year

On average, students decreased their accumulated credits from the 1<sup>st</sup> to 2<sup>nd</sup> semester by .07 credits

77.1% of courses attempted were successfully completed

12.5% of students enrolled at Fall census did not earn any credits for the term

**0.0%** of students completed a student success course

9.0% of students experienced a precipitous decline in GPA from the 1st to 2nd semester

#### Table 6.2: FRCC AY 18-19 Student Success Metrics

KPM	Goal	Actual
1.1 – Increase the number of certificates & degrees awarded	1% annually	15.5%
1.2 – Exceed the national <b>full-time</b> fall-to-fall retention rate	62.3% national	57.3%
1.2 - Exceed the national <b>part-time</b> fall-to-fall retention rate	46.5% national	44.1%
1.2 – Exceed the national <b>full-time</b> fall-to-spring retention		
rate	Unknown	81.6%
1.2 – Exceed the national <b>part-time</b> fall-to-spring retention		
rate	Unknown	66.5%
1.7 – Increase online, hybrid, and interactive video course		
success rates to match on-campus course success rates	76.5% on-campus	73.3%
3.2 – Increase percentage of successful transfers to 4-year		
institutions for all students	2% annually	0.0%

<sup>&</sup>lt;sup>1</sup> Not all data was available for AY 18-19. For the snapshot, in cases where AY 18-19 data was unavailable, AY 17-18 data is used.



### Table 6.3: FRCC AY 18-19 Equity Indicators

Indicator	Overall	Students of Color <sup>2</sup>	First Generation	Pell Eligible
% of students completing a gateway English course in 1st year	60.5%	61.1%	60.4%	62.8%
Successful course completion rate – Gateway English	66.5%	61.6%	65.0%	61.4%
% of students completing a gateway Math course in 1st year	25.9%	22.5%	23.4%	24.2%
Successful course completion rate – Gateway Math	56.5%	48.1%	54.5%	50.0%
Average number of credits earned in first year	12.7	11.2	11.9	12.2
Average change in the number of credits taken from 1 <sup>st</sup> to 2 <sup>nd</sup> semester	-0.07	0.01	-0.15	0.03
Successful course completion rate – all courses	77.1%	72.8%	74.8%	72.8%
% of students enrolled at Fall census that did not earn any credits for the term	12.5%	15.3%	14.2%	15.9%
% of students completing a student success course	0.0%	0.0%	0.0%	0.0%
Successful course completion rate – student success course	N/A	N/A	N/A	N/A
% of students experiencing a precipitous decline in GPA from 1 <sup>st</sup> to 2 <sup>nd</sup> semester	9.0%	12.4%	10.5%	10.0%
# of students earning a certificate or degree	4,889	1,259	2,509	1,713
Fall-to-fall retention rate – full-time	58.8%	56.6%	55.0%	56.3%
Fall-to-fall retention rate – part-time	46.0%	43.3%	44.1%	45.1%
Fall-to-spring retention rate – full-time	81.6%	79.5%	79.5%	79.6%
Fall-to-spring retention rate – part-time	66.5%	61.8%	65.4%	66.5%
Successful course completion rate – distance & hybrid courses	73.3%	68.2%	71.8%	69.5%
% of successful transfers to 4-year institutions	16.1%	12.6%	11.6%	12.9%

### Table 6.4: FRCC AY 18-19 Concurrent Enrollment Metrics

KPM	Goal	Actual
3.1 – Increase matriculation of concurrent enrollment students to a CCCS institution within 4 years of high school graduation	1% annually	-1.7%
3.1 – Increase CCCS college credentials awarded to concurrent enrollment students	1% annually	18.2%
3.1 – Increase successful credit completion through concurrent enrollment	1% annually	12.2%

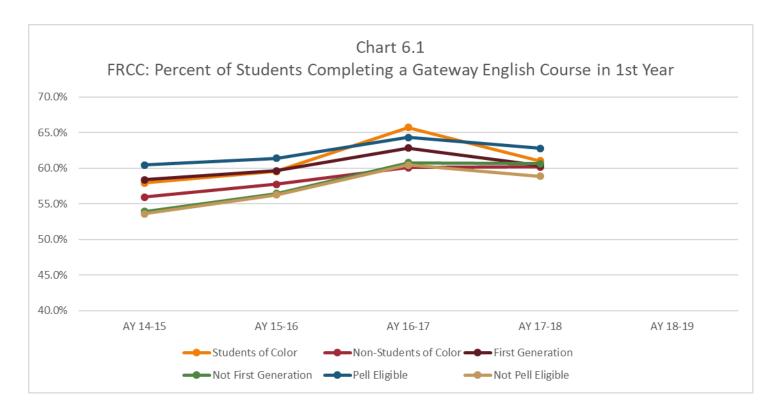
<sup>&</sup>lt;sup>2</sup> Students of color include those that reported as Asian, Black or African American, Hawaiian/Pacific Islander, Hispanic, More than One Race, or Native American/Alaskan Native.



#### FRONT RANGE COMMUNITY COLLEGE: LEADING INDICATORS

### Table 6.5: FRCC Completion of Gateway English Courses in 1st Year

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19 <sup>3</sup>	1-Year Change	4-Year Change
Race/Ethnicity:							
Students of Color	57.9%	59.6%	65.7%	61.1%		-4.7%	3.1%
Non-Students of Color	55.9%	57.7%	60.1%	60.2%		0.1%	4.2%
First Generation Status:							
First Generation	58.4%	59.7%	62.8%	60.4%		-2.5%	2.0%
Not First Generation	53.9%	56.4%	60.8%	60.6%		-0.2%	6.7%
Pell Eligibility:							
Pell Eligible	60.5%	61.4%	64.3%	62.8%		-1.5%	2.4%
Not Pell Eligible	53.6%	56.3%	60.5%	58.9%		-1.6%	5.2%
FRCC Total	56.5%	58.3%	62.0%	60.5%		-1.5%	4.0%



<sup>&</sup>lt;sup>3</sup> Fall AY 19-20 semester not complete - cannot yet calculate first year completions for AY 18-19.



### Table 6.6: FRCC Successful Course Completion Rate for Gateway English Courses

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	67.7%	69.9%	68.8%	68.2%	61.6%	-6.6%	-6.1%
Non-Students of Color	72.0%	74.3%	72.2%	75.3%	70.1%	-5.2%	-1.9%
First Generation Status:							
First Generation	68.9%	71.8%	71.0%	71.7%	65.0%	-6.7%	-3.9%
Not First Generation	73.6%	74.6%	71.1%	74.6%	68.7%	-5.9%	-4.9%
Pell Eligibility:							
Pell Eligible	68.9%	70.4%	70.7%	71.4%	61.4%	-10.0%	-7.5%
Not Pell Eligible	72.5%	74.6%	71.3%	73.9%	70.4%	-3.5%	-2.1%
FRCC Total	70.9%	73.1%	71.0%	72.9%	66.5%	-6.4%	-4.4%

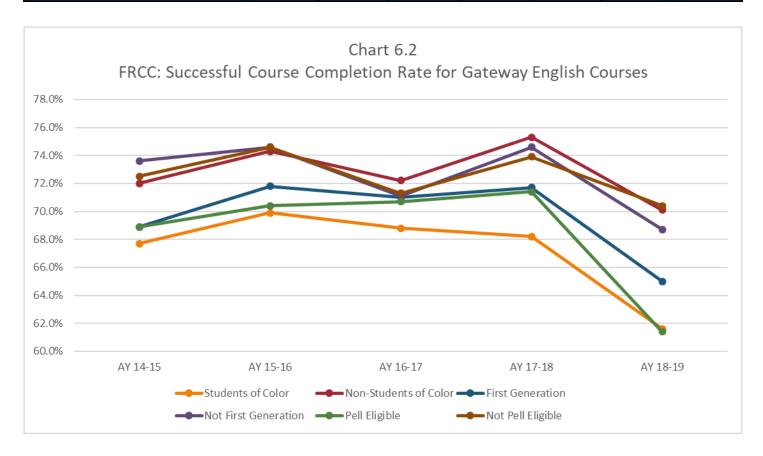
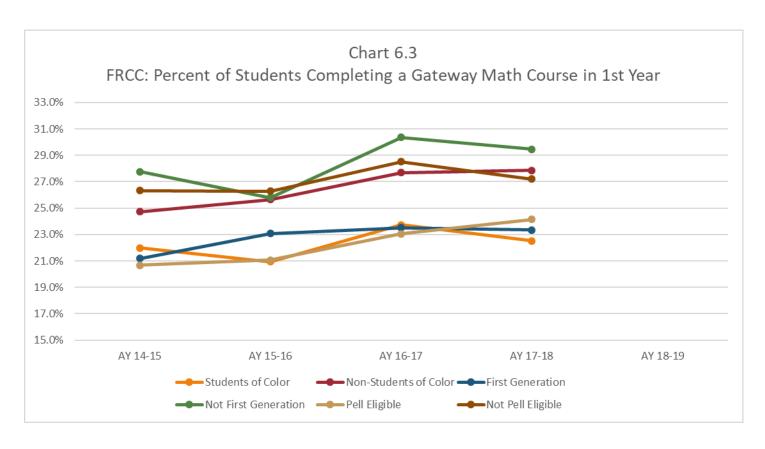




Table 6.7: FRCC Completion of Gateway Math Courses in 1st Year

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19 <sup>4</sup>	1-Year Change	4-Year Change
Race/Ethnicity:							
Students of Color	22.0%	20.9%	23.7%	22.5%		-1.2%	0.5%
Non-Students of Color	24.7%	25.7%	27.7%	27.9%		0.2%	3.1%
First Generation Status:							
First Generation	21.2%	23.1%	23.5%	23.4%		-0.2%	2.2%
Not First Generation	27.8%	25.8%	30.4%	29.5%		-0.9%	1.7%
Pell Eligibility:							
Pell Eligible	20.7%	21.1%	23.0%	24.2%		1.1%	3.5%
Not Pell Eligible	26.3%	26.3%	28.5%	27.2%		-1.3%	0.9%
FRCC Total	24.0%	24.2%	26.3%	25.9%		-0.4%	2.0%



<sup>&</sup>lt;sup>4</sup> Fall AY 19-20 semester not complete - cannot yet calculate first year completions for AY 18-19.



Table 6.8: FRCC Successful Course Completion Rate for Gateway Math Courses

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	55.1%	60.3%	61.3%	48.2%	48.1%	-0.1%	-7.0%
Non-Students of Color	60.5%	62.5%	62.4%	58.9%	60.7%	1.8%	0.2%
First Generation Status:							
First Generation	61.8%	62.4%	62.0%	52.5%	54.5%	2.0%	-7.3%
Not First Generation	56.8%	61.6%	62.1%	59.1%	58.6%	-0.5%	1.8%
Pell Eligibility:							
Pell Eligible	61.8%	61.5%	60.9%	54.2%	50.0%	-4.2%	-11.8%
Not Pell Eligible	57.9%	62.1%	62.6%	57.0%	60.6%	3.6%	2.7%
FRCC Total	59.2%	62.0%	62.1%	55.9%	56.5%	0.6%	-2.7%

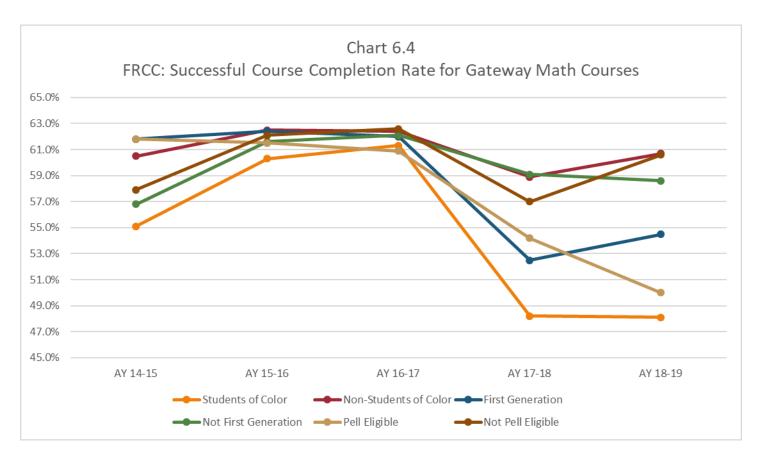
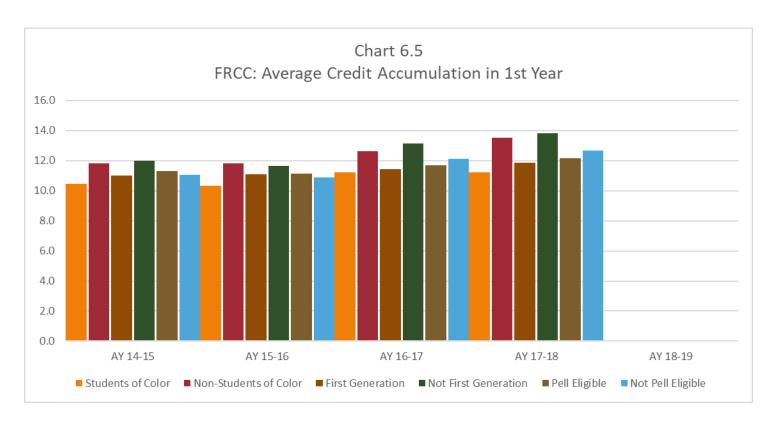




Table 6.9: FRCC Average Credit Accumulation in 1st Year

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19 <sup>5</sup>	1-Year Change	4-Year Change
Race/Ethnicity:							
Students of Color	10.5	10.3	11.2	11.2		0.0%	7.2%
Non-Students of Color	11.8	11.8	12.6	13.5		7.2%	14.3%
First Generation Status:							
First Generation	11.0	11.1	11.4	11.9		4.0%	7.8%
Not First Generation	12.0	11.7	13.1	13.8		5.4%	15.2%
Pell Eligibility:							
Pell Eligible	11.3	11.2	11.7	12.2		4.0%	7.3%
Not Pell Eligible	11.1	10.9	12.1	12.7		4.6%	14.4%
FRCC Total	11.5	11.4	12.1	12.7		4.7%	11.0%



<sup>&</sup>lt;sup>5</sup> Fall AY 19-20 semester not complete - cannot yet calculate first year completions for AY 18-19.



Table 6.10: FRCC Acceleration, Deceleration of Credits from 1<sup>st</sup> to 2<sup>nd</sup>
Semester

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	-0.26	-0.38	-0.49	0.07	0.01	-0.06	0.27
Non-Students of Color	-0.13	-0.80	-0.30	0.66	-0.12	-0.78	0.00
First Generation Status:							
First Generation	-0.14	-0.79	-0.42	0.33	-0.15	-0.49	-0.02
Not First Generation	-0.21	-0.51	-0.28	0.61	0.06	-0.55	0.26
Pell Eligibility:							
Pell Eligible	-0.33	-0.78	-0.15	0.18	0.03	-0.15	0.36
Not Pell Eligible	-0.04	-0.60	-0.52	0.64	-0.15	-0.78	-0.11
FRCC Total	-0.16	-0.67	-0.37	0.45	-0.07	-0.52	0.10

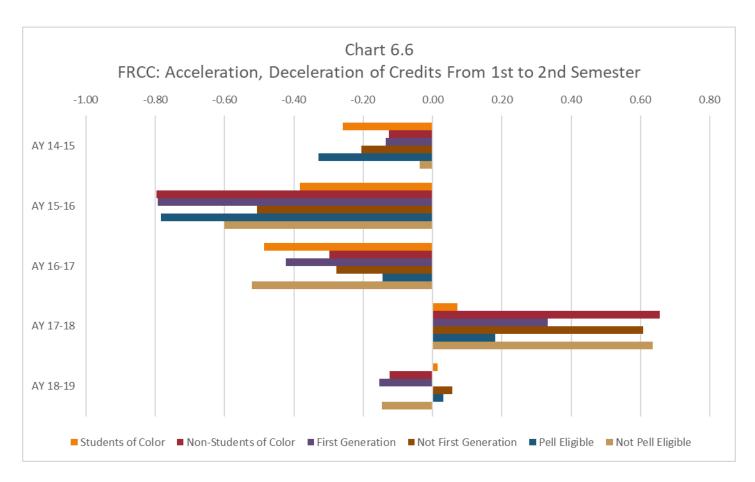
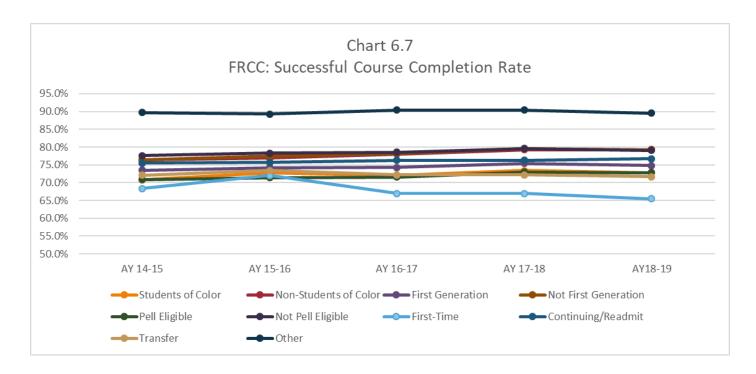




Table 6.11: FRCC Successful Course Completion Rate

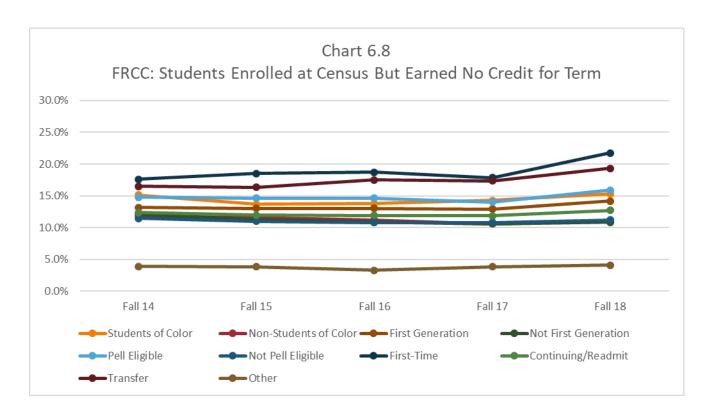
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	70.8%	72.7%	72.1%	73.4%	72.8%	-0.6%	2.0%
Non-Students of Color	76.4%	76.9%	78.0%	79.3%	79.3%	0.0%	2.9%
First Generation Status:							
First Generation	73.5%	74.2%	74.3%	75.4%	74.8%	-0.6%	1.3%
Not First Generation	76.5%	77.4%	78.2%	79.5%	79.3%	-0.2%	2.8%
Pell Eligibility:							
Pell Eligible	70.9%	71.4%	71.6%	73.0%	72.8%	-0.2%	1.9%
Not Pell Eligible	77.6%	78.3%	78.6%	79.6%	79.1%	-0.5%	1.5%
Student Type:							
First-Time	68.4%	72.0%	67.0%	67.0%	65.5%	-1.5%	-2.9%
Continuing/Readmit	75.5%	75.7%	76.3%	76.3%	76.7%	0.4%	1.2%
Transfer	72.1%	73.4%	72.2%	72.2%	71.7%	-0.5%	-0.4%
Other	89.7%	89.3%	90.4%	90.4%	89.5%	-0.9%	-0.2%
FRCC Total	75.0%	75.9%	76.3%	77.5%	77.1%	-0.4%	2.1%





### Table 6.12: FRCC Students Enrolled at Fall Census But Earned No Credits

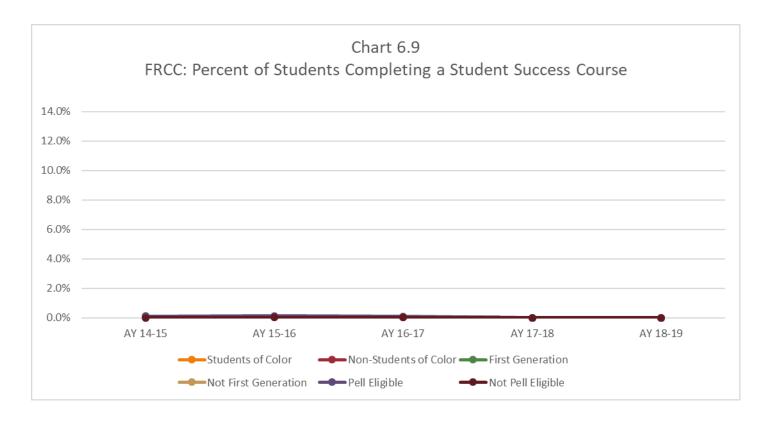
Equity Group	Fall 14	Fall 15	Fall 16	Fall 17	Fall 18	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	15.2%	13.7%	13.8%	14.3%	15.3%	1.0%	0.2%
Non-Students of Color	11.8%	11.6%	11.2%	10.6%	11.1%	0.5%	-0.7%
First Generation Status:							
First Generation	13.2%	13.0%	13.0%	12.9%	14.2%	1.2%	1.0%
Not First Generation	12.1%	11.3%	10.9%	10.6%	10.8%	0.3%	-1.3%
Pell Eligibility:							
Pell Eligible	14.8%	14.6%	14.7%	14.0%	15.9%	1.9%	1.1%
Not Pell Eligible	11.4%	11.0%	10.8%	10.8%	11.2%	0.4%	-0.2%
Student Type:							
First-Time	17.6%	18.5%	18.7%	17.9%	21.8%	3.9%	4.1%
Continuing/Readmit	12.4%	11.9%	11.9%	11.8%	12.7%	0.8%	0.3%
Transfer	16.5%	16.4%	17.5%	17.3%	19.3%	2.0%	2.8%
Other	3.9%	3.8%	3.3%	3.9%	4.1%	0.2%	0.2%
FRCC Total	12.6%	12.1%	11.9%	11.7%	12.5%	0.7%	-0.2%





### Table 6.13: FRCC Completion of a Student Success Course

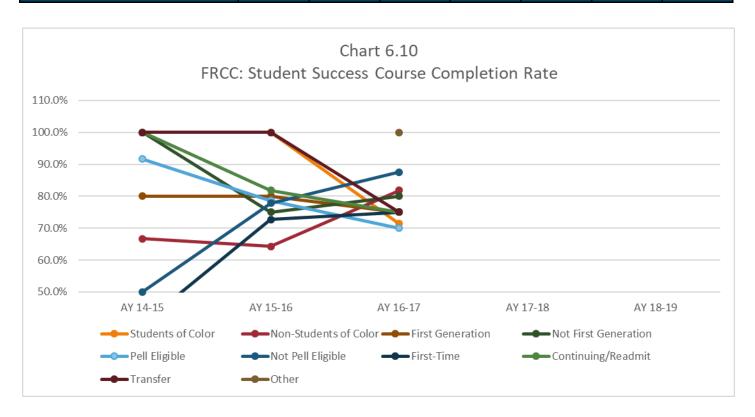
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%
Non-Students of Color	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
First Generation Status:							
First Generation	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%
Not First Generation	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Pell Eligibility:							
Pell Eligible	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%
Not Pell Eligible	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FRCC Total	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%





### Table 6.14: FRCC Student Success Course Completion Rate

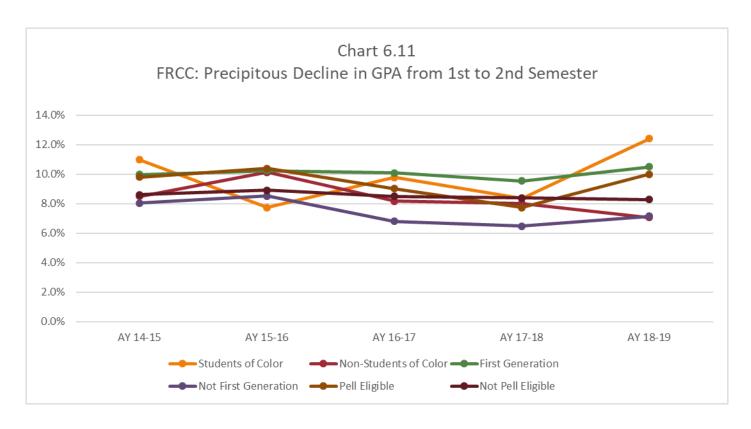
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	100.0%	100.0%	71.4%			0.0%	-100.0%
Non-Students of Color	66.7%	64.3%	81.8%			0.0%	-66.7%
First Generation Status:							
First Generation	80.0%	80.0%	75.0%			0.0%	-80.0%
Not First Generation	100.0%	75.0%	80.0%			0.0%	-100.0%
Pell Eligibility:							
Pell Eligible	91.7%	78.6%	70.0%			0.0%	-91.7%
Not Pell Eligible	50.0%	77.8%	87.5%			0.0%	-50.0%
Student Type:							
First-Time	40.0%	72.7%	75.0%			0.0%	-40.0%
Continuing/Readmit	100.0%	81.8%	75.0%			0.0%	-100.0%
Transfer	100.0%	100.0%	75.0%	_		0.0%	-100.0%
Other			100.0%			0.0%	0.0%
FRCC Total	81.3%	78.3%	77.8%			0.0%	-81.3%





### Table 6.15: FRCC Precipitous Decline in GPA from 1st to 2nd Semester

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	11.0%	7.7%	9.8%	8.4%	12.4%	4.0%	1.4%
Non-Students of Color	8.5%	10.1%	8.2%	8.0%	7.1%	-1.0%	-1.4%
First Generation Status:							
First Generation	10.0%	10.2%	10.1%	9.5%	10.5%	1.0%	0.5%
Not First Generation	8.0%	8.5%	6.8%	6.5%	7.1%	0.7%	-0.9%
Pell Eligibility:							
Pell Eligible	9.8%	10.4%	9.0%	7.7%	10.0%	2.3%	0.2%
Not Pell Eligible	8.6%	8.9%	8.5%	8.4%	8.3%	-0.1%	-0.3%
FRCC Total	9.1%	9.5%	8.7%	8.1%	9.0%	0.9%	-0.1%



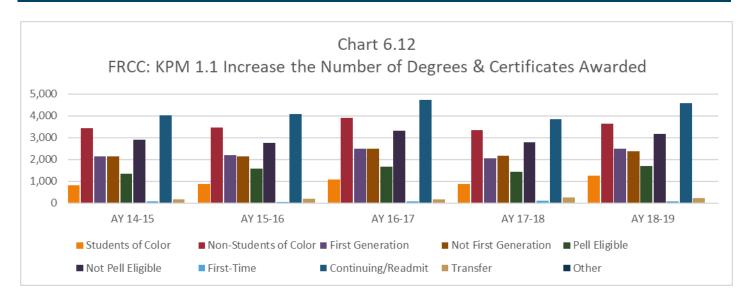


#### FRONT RANGE COMMUNITY COLLEGE: STUDENT SUCCESS KPMS

Table 6.16: FRCC KPM 1.1 Increase the Number of Degrees & Certificates

Awarded

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	827	876	1,093	883	1,259	42.6%	52.2%
Non-Students of Color	3,450	3,467	3,898	3,349	3,630	8.4%	5.2%
First Generation Status:							
First Generation	2,146	2,207	2,495	2,063	2,509	21.6%	16.9%
Not First Generation	2,131	2,136	2,496	2,169	2,380	9.7%	11.7%
Pell Eligibility:							
Pell Eligible	1,364	1,587	1,666	1,441	1,713	18.9%	25.6%
Not Pell Eligible	2,913	2,756	3,325	2,791	3,176	13.8%	9.0%
Student Type:							
First-Time	87	71	84	124	91	-26.6%	4.6%
Continuing/Readmit	4,023	4,076	4,722	3,854	4,576	18.7%	13.7%
Transfer	167	196	185	254	220	-13.4%	31.7%
Other	0	0	0	0	2		
FRCC Total	4,277	4,343	4,991	4,232	4,889	15.5%	14.3%
KPM Goal		-	-	-		1.0%	





#### Table 6.17: FRCC KPM 1.1 Degree & Certificate Programs with Greatest 1-Year Increase in Number Awarded

FRCC Program	Change From AY 17-18 to AY 18-19	5-Year Median Wage of Our Graduates <sup>6</sup>	Meets Living Wage for Service Area = \$36,978.93
131210 - Early Childhood Ed & Teaching	254	\$33,378.32	
520201 - Business Admin & Management, G	198	\$48,528.66	✓
470604 - Automobile/Automotive Mechanic	167	\$44,490.85	✓
480508 - Welding Tech/Welder	54	\$43,509.96	✓
100304 - Animation, Interactive Tech, V	45	\$44,127.21	✓
430107 - Criminal Justice/Police Scienc	33	NA	
500408 - Interior Design	32	\$42,452.40	✓
150501 - ACH/ACR/ACHR/HRAC/HVAC/AC	26	\$50,912.00	✓
511009 - Phlebotomy/Phlebotomist	26	\$28,118.16	
513801 - Registered Nursing/Nurse	23	\$60,574.57	✓

#### Table 6.18: FRCC KPM 1.1 Degree & Certificate Programs with Greatest 5-Year Increase in Number Awarded

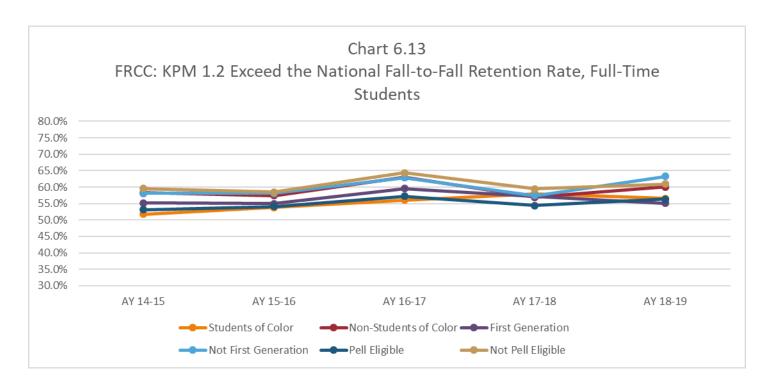
FRCC Program	Change From AY 14-15 to AY 18-19	5-Year Median Wage of Our Graduates <sup>19</sup>	Meets Living Wage for Service Area = \$36,978.93
520201 - Business Admin & Management, G	424	\$48,528.66	✓
131210 - Early Childhood Ed & Teaching	205	\$33,378.32	
470604 - Automobile/Automotive Mechanic	107	\$44,490.85	✓
100304 - Animation, Interactive Tech, V	98	\$44,127.21	✓
240102 - General Studies	97	\$44,652.60	✓
511009 - Phlebotomy/Phlebotomist	82	\$28,118.16	
510801 - Medical/Clinical Assistant	46	\$35,533.89	
500408 - Interior Design	44	\$42,452.40	✓
430107 - Criminal Justice/Police Scienc	43	NA	
513801 - Registered Nursing/Nurse	33	\$60,574.57	✓

<sup>&</sup>lt;sup>6</sup> Although wage data obtained from CDHE includes FRCC's actual graduates, the population may not include the exact same graduates included in the determination of the programs with the greatest change.



### Table 6.19: FRCC KPM 1.2 Exceed the National Fall-to-Fall Retention Rate for Full-Time Students

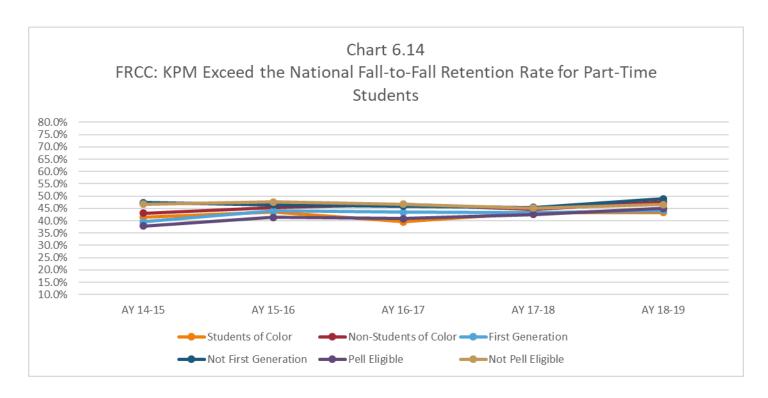
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	51.8%	53.8%	56.1%	58.0%	56.6%	-1.4%	4.8%
Non-Students of Color	58.3%	57.4%	63.0%	57.0%	60.0%	3.1%	1.7%
First Generation Status:							
First Generation	55.2%	54.9%	59.6%	57.2%	55.0%	-2.2%	-0.2%
Not First Generation	58.1%	58.1%	62.8%	57.5%	63.2%	5.8%	5.1%
Pell Eligibility:							
Pell Eligible	53.1%	54.1%	57.2%	54.4%	56.3%	1.9%	3.2%
Not Pell Eligible	59.5%	58.5%	64.4%	59.5%	60.9%	1.4%	1.3%
FRCC Total	56.5%	56.4%	61.0%	57.3%	58.8%	1.5%	2.3%
National Public 2-Year Schools	60.5%	61.1%	62.1%	62.3%	NA		





### Table 6.20: FRCC KPM 1.2 Exceed the National Fall-to-Fall Retention Rate for Part-Time Students

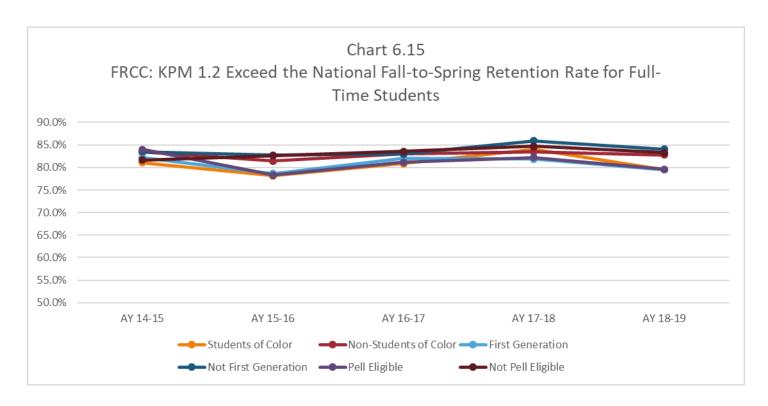
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	41.4%	43.6%	39.6%	43.4%	43.3%	-0.1%	1.9%
Non-Students of Color	43.0%	45.5%	46.6%	44.5%	47.6%	3.2%	4.6%
First Generation Status:							
First Generation	39.6%	44.0%	43.4%	43.3%	44.1%	0.7%	4.5%
Not First Generation	47.4%	46.5%	45.9%	45.4%	49.0%	3.6%	1.6%
Pell Eligibility:							
Pell Eligible	37.9%	41.4%	40.9%	42.6%	45.1%	2.5%	7.1%
Not Pell Eligible	46.7%	47.6%	46.7%	45.2%	46.6%	1.4%	-0.1%
FRCC Total	42.5%	44.9%	44.4%	44.1%	46.0%	1.9%	3.4%
National Public 2-Year Schools	44.9%	44.9%	46.0%	46.5%	NA		





### Table 6.21: FRCC KPM 1.2 Exceed the National Fall-to-Spring Retention Rate for Full-Time Students

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	81.1%	78.1%	80.8%	84.0%	79.5%	-4.5%	-1.6%
Non-Students of Color	83.4%	81.4%	83.1%	83.5%	82.8%	-0.7%	-0.7%
First Generation Status:							
First Generation	82.2%	78.6%	82.0%	81.9%	79.5%	-2.3%	-2.7%
Not First Generation	83.5%	82.7%	83.0%	85.9%	84.1%	-1.9%	0.5%
Pell Eligibility:							
Pell Eligible	84.0%	78.3%	81.2%	82.2%	79.6%	-2.7%	-4.4%
Not Pell Eligible	81.6%	82.6%	83.5%	84.7%	83.3%	-1.4%	1.7%
FRCC Total	82.8%	80.5%	82.4%	83.7%	81.6%	-2.1%	-1.2%
National Public 2-Year Schools	NA	NA	NA	NA	NA		





### Table 6.22: FRCC KPM 1.2 Exceed the National Fall-to-Spring Retention Rate for Part-Time Students

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	65.5%	60.7%	63.4%	65.1%	61.8%	-3.3%	-3.6%
Non-Students of Color	66.4%	67.9%	65.4%	63.2%	69.4%	6.3%	3.0%
First Generation Status:							
First Generation	64.8%	64.4%	63.6%	64.0%	65.4%	1.4%	0.6%
Not First Generation	68.3%	68.0%	66.7%	63.7%	68.3%	4.5%	0.0%
Pell Eligibility:							
Pell Eligible	68.4%	64.3%	64.8%	64.4%	66.5%	2.0%	-1.9%
Not Pell Eligible	64.0%	66.9%	64.8%	63.5%	66.5%	3.0%	2.5%
FRCC Total	66.1%	65.7%	64.8%	63.9%	66.5%	2.6%	0.4%
National Public 2-Year Schools	NA	NA	NA	NA	NA		

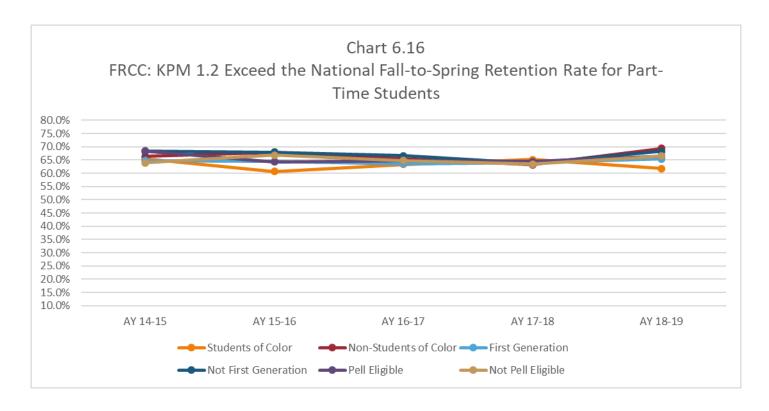




Table 6.23: FRCC KPM 1.7 Increase Distance & Hybrid Success Rates to Match On-Campus Success Rates

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	64.1%	67.9%	67.3%	69.2%	68.2%	-1.0%	4.2%
Non-Students of Color	71.8%	72.5%	74.1%	75.9%	75.5%	-0.4%	3.7%
First Generation Status:							
First Generation	68.8%	69.4%	70.8%	72.9%	71.8%	-1.1%	3.0%
Not First Generation	71.3%	73.6%	74.0%	75.2%	74.9%	-0.3%	3.6%
Pell Eligibility:							
Pell Eligible	64.8%	66.3%	67.5%	69.9%	69.5%	-0.4%	4.7%
Not Pell Eligible	74.6%	75.3%	75.6%	76.7%	75.7%	-1.0%	1.1%
Student Type:							
First-Time	62.9%	62.0%	60.5%	61.3%	60.2%	-1.1%	-2.8%
Continuing/Readmit	70.8%	72.4%	73.7%	75.2%	75.2%	-0.1%	4.3%
Transfer	67.9%	69.9%	70.1%	73.7%	70.4%	-3.3%	2.5%
Other	85.1%	80.5%	82.3%	83.7%	79.3%	-4.4%	-5.8%
FRCC Total	69.9%	71.4%	72.3%	74.0%	73.3%	-0.7%	3.4%
On-Campus Success Rate	75.2%	75.8%	76.1%	76.9%	76.5%	-0.4%	1.3%

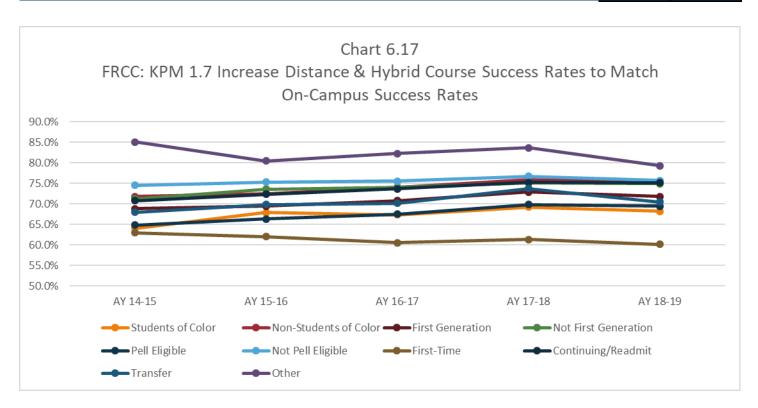
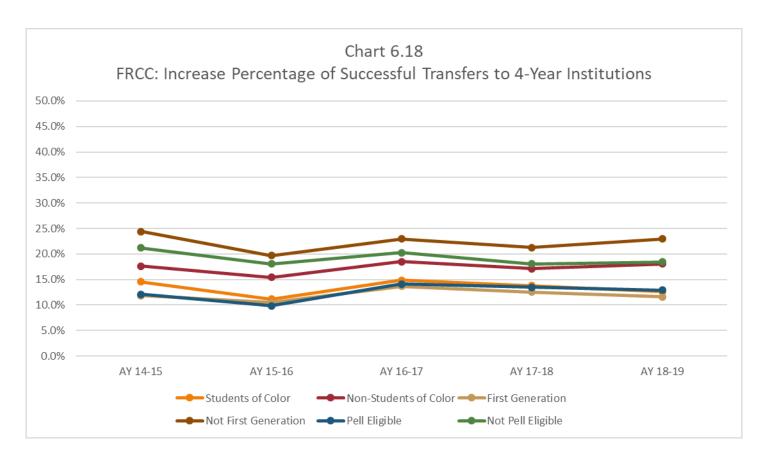




Table 6.24: FRCC KPM 3.2 Increase Percentage of Successful Transfers to 4-Year Institutions

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	14.5%	11.1%	14.8%	13.8%	12.6%	-1.2%	-1.9%
Non-Students of Color	17.6%	15.4%	18.5%	17.1%	18.1%	1.0%	0.5%
First Generation Status:							
First Generation	11.8%	10.5%	13.7%	12.5%	11.6%	-0.9%	-0.2%
Not First Generation	24.4%	19.7%	23.0%	21.2%	23.0%	1.7%	-1.4%
Pell Eligibility:							
Pell Eligible	12.1%	9.8%	14.1%	13.5%	12.9%	-0.6%	0.8%
Not Pell Eligible	21.2%	18.1%	20.3%	18.1%	18.5%	0.4%	-2.7%
FRCC Total	16.7%	14.1%	17.5%	16.1%	16.1%	0.0%	-0.6%
KPM Goal						2.0%	





#### FRONT RANGE COMMUNITY COLLEGE: CONCURRENT ENROLLMENT KPMS

## Table 6.25: FRCC KPM 3.1 Increase Matriculation of Concurrent Enrollment Students to a CCCS Institution Within 4 Years of High School Graduation

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	41.3%	39.4%	35.8%	35.7%	35.1%	-0.6%	-6.2%
Non-Students of Color	42.9%	36.5%	35.7%	34.7%	32.6%	-2.1%	-10.3%
First Generation Status:							
First Generation	40.7%	40.2%	36.5%	35.8%	33.3%	-2.5%	-7.4%
Not First Generation	44.2%	34.6%	35.1%	34.3%	33.2%	-1.0%	-11.0%
Pell Eligibility:							
Pell Eligible	66.7%	70.4%	65.8%	71.7%	66.7%	-5.0%	0.0%
Not Pell Eligible	41.8%	36.7%	35.2%	34.2%	32.9%	-1.3%	-8.8%
FRCC Total	42.5%	37.2%	35.7%	35.0%	33.3%	-1.7%	-9.2%
KPM Goal						1.0%	

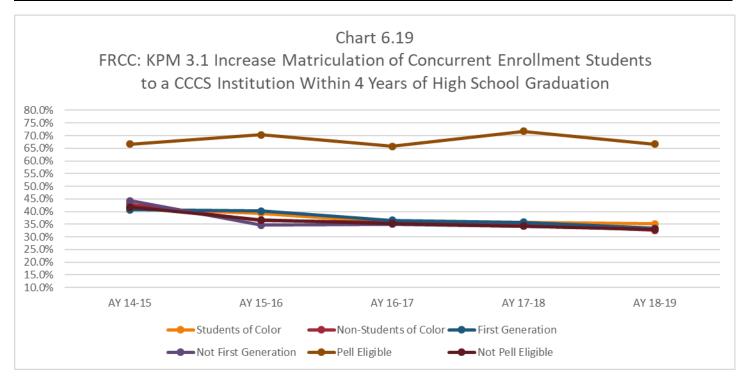
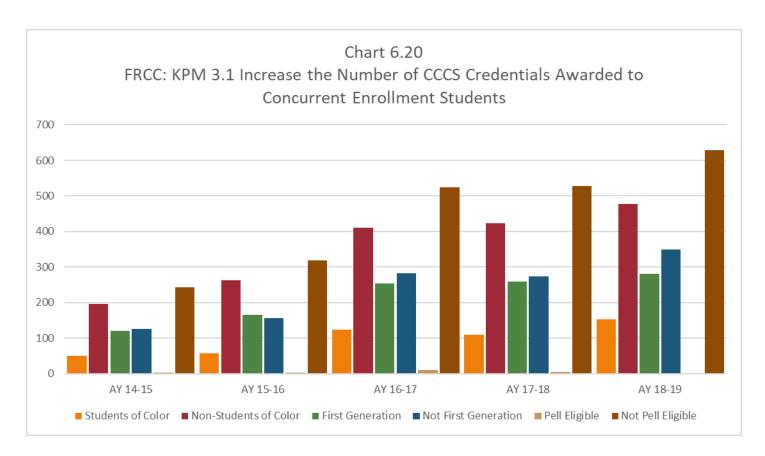




Table 6.26: FRCC KPM 3.1 Increase FRCC College Credentials Awarded to Concurrent Enrollment Students

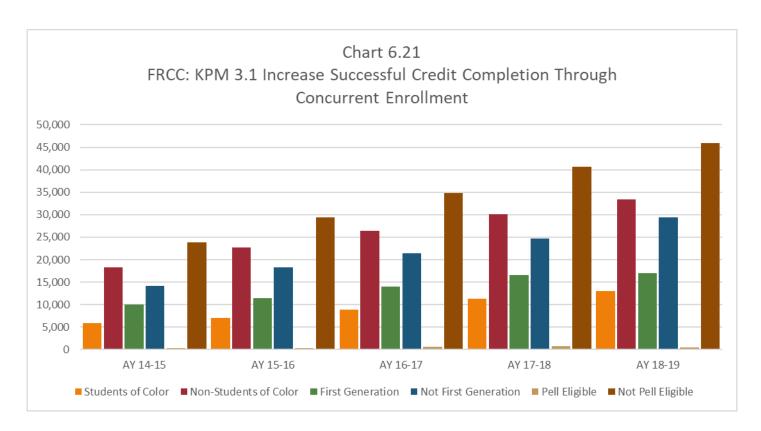
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	50	58	124	109	152	39.4%	204.0%
Non-Students of Color	197	263	411	424	478	12.7%	142.6%
First Generation Status:							
First Generation	121	165	253	259	280	8.1%	131.4%
Not First Generation	126	156	282	274	350	27.7%	177.8%
Pell Eligibility:							
Pell Eligible	4	3	10	5	1	-80.0%	-75.0%
Not Pell Eligible	243	318	525	528	629	19.1%	158.8%
FRCC Total	247	321	535	533	630	18.2%	155.1%
KPM Goal						1.0%	





### Table 6.27: FRCC KPM 3.1 Increase Successful Credit Completion Through Concurrent Enrollment

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	5,899	7,031	8,886	11,289	13,036	15.5%	121.0%
Non-Students of Color	18,339	22,743	26,454	30,092	33,376	10.9%	82.0%
First Generation Status:							
First Generation	10,088	11,451	13,952	16,625	17,041	2.5%	68.9%
Not First Generation	14,150	18,323	21,388	24,756	29,371	18.6%	107.6%
Pell Eligibility:							
Pell Eligible	383	326	570	726	534	-26.4%	39.5%
Not Pell Eligible	23,855	29,448	34,770	40,655	45,877	12.8%	92.3%
FRCC Total	24,238	29,774	35,340	41,381	46,411	12.2%	91.5%
KPM Goal						1.0%	

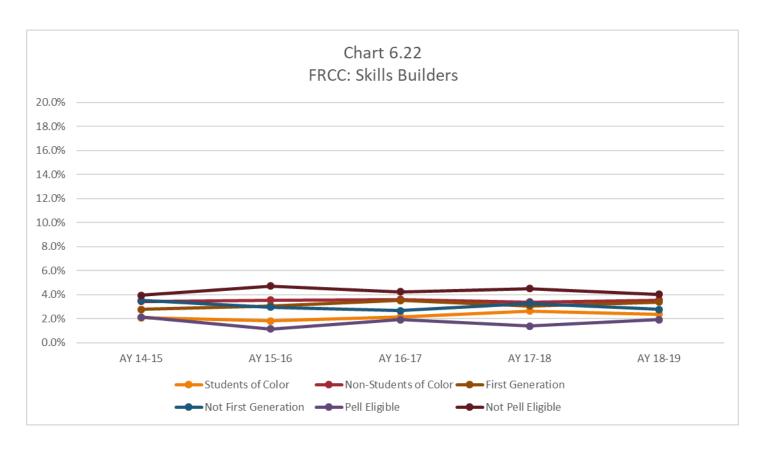




### FRONT RANGE COMMUNITY COLLEGE: SKILLS BUILDERS & OVERALL SUCCESS

#### Table 6.28: FRCC Skills Builders

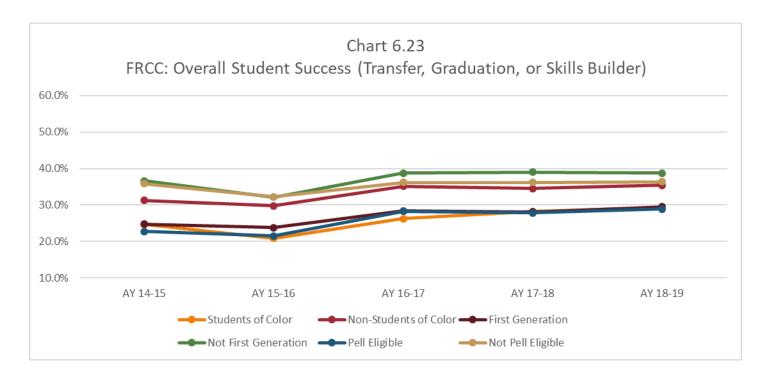
Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	2.1%	1.8%	2.2%	2.6%	2.4%	-0.3%	0.3%
Non-Students of Color	3.4%	3.5%	3.6%	3.4%	3.6%	0.2%	0.1%
First Generation Status:							
First Generation	2.8%	3.1%	3.5%	3.1%	3.4%	0.3%	0.6%
Not First Generation	3.5%	3.0%	2.7%	3.3%	2.8%	-0.5%	-0.7%
Pell Eligibility:							
Pell Eligible	2.1%	1.1%	1.9%	1.4%	1.9%	0.5%	-0.2%
Not Pell Eligible	3.9%	4.7%	4.2%	4.5%	4.0%	-0.5%	0.1%
FRCC Total	3.1%	3.0%	3.2%	3.2%	3.1%	0.0%	0.1%





### Table 6.29: FRCC Overall Student Success (Transfer, Graduation, or Skills Builder)

Equity Group	AY 14- 15	AY 15- 16	AY 16- 17	AY 17- 18	AY 18- 19	1-Year Change	5-Year Change
Race/Ethnicity:							
Students of Color	24.6%	20.8%	26.2%	28.2%	29.2%	1.0%	4.5%
Non-Students of Color	31.2%	29.8%	35.2%	34.5%	35.4%	0.9%	4.2%
First Generation Status:							
First Generation	24.7%	23.7%	28.3%	28.1%	29.5%	1.4%	4.8%
Not First Generation	36.6%	32.1%	38.7%	39.0%	38.7%	-0.3%	2.1%
Pell Eligibility:							
Pell Eligible	22.7%	21.5%	28.3%	27.8%	28.8%	1.0%	6.1%
Not Pell Eligible	35.8%	32.2%	36.2%	36.1%	36.3%	0.2%	0.6%
FRCC Total	29.4%	27.1%	32.6%	32.6%	33.2%	0.6%	3.8%





### **APPENDIX A: METHODOLOGY**

The following describes how each leading indicator and performance metric was calculated as well as the source of the underlying data. Methods included do not provide technical detail such as exact coding or fields and tables used. For IR professionals seeking this kind of technical detail, please reach out to CCCS Institutional Research.

#### **DATA SOURCE**

All Key Performance Metric (KPM) data was pulled from the operational data store (ODS) at the Colorado Community College System office. Populations used in calculating KPMs were pulled from freeze tables for consistency, and are reflective of the end-of-term freeze for a given academic term. The end-of-term freeze dates allow time for data entry and cleanup after the actual end of the semester. End-of-term freeze dates are as follows:

- Summer October 10
- Fall February 10
- Spring July 10

### LEADING INDICATOR I — COMPLETION OF GATEWAY ENGLISH AND MATH IN FIRST YEAR

Two measures are provided for leading indicator I, a successful completion rate in gateway courses and the proportion of students that have completed a gateway course by the end of their first year.

Gateway courses include English 121, and Math courses with the following course numbers: 103, 107, 108, 109, 112, 120, 121, 123, and 135.

Successful completion entails receiving a grade of C or better, or a satisfactory grade. Grades of D, F, and W (withdrawn) are considered unsuccessful courses, and dropped or incomplete courses are not included in the calculation.

A student's "first year" is considered to be the first three academic terms of eligibility, beginning with the semester in which a student registers as a new first-time student. For example: the first year for a student registering in spring ends in the following fall. Likewise, a student starting in the summer would end their first year the following spring. Headcounts are based on the academic year in which the student registered as new first-time.

Success rate percentages are total successful course completions divided by total registered courses as of the end of term. Headcount percentages are all unique first-time students completing a gateway course in their first year divided by all unique students registered for at least one course.



#### LEADING INDICATOR II - CREDIT ACCUMULATION IN FIRST YEAR

Totals reflect the average number of cumulative credits earned by students through the end of their first year. Credits earned are inclusive of any concurrent enrollment activity and all CCCS schools attended.

"First year" is considered to be the first three academic terms of eligibility, beginning with the semester in which a student registers as a new first-time student at a CCCS institution.

Credits earned are summed from student course data in the ODS, and are based on grading rules established at the students' specific institution.

### LEADING INDICATOR III — ACCELERATION, DECELERATION OF CREDITS FROM $\mathbf{1}^{ST}$ TO $\mathbf{2}^{ND}$ SEMESTER

Average change in number of registered credits from a student's first semester to their second semester. Changes are measured from the semester in which a student registers as a new first-time student (non high school) to the following semester. This metric focuses on term credits, not cumulative, to measure enrollment intensity and course load.

The population for this metric only includes students who enrolled in both semesters.

#### LEADING INDICATOR VI – SUCCESSFUL COURSE COMPLETION RATE

Measures the percentage of all registered courses that were completed successfully, as of end of term.

Successful completion entails receiving a grade of C or better, or a satisfactory grade. Grades of D, F, and W (withdrawn) are considered unsuccessful courses. Dropped courses or courses with a grade of "I" (incomplete) are not included in the calculation.



### LEADING INDICATOR VII — STUDENTS ENROLLED AT FALL CENSUS BUT EARNED NO CREDIT FOR TERM

Percentages represent the proportion of students registered in for-credit courses as of census in a given fall term, but had earned no credits at the end of that same term.

Credits earned are summed from student course data in the ODS, and are based on grading rules established at the students' specific institution.

#### LEADING INDICATOR VIII — COMPLETION OF A STUDENT SUCCESS COURSE

Two measures are provided for leading indicator VIII, a successful completion rate in student success courses and the proportion of students that completed a student success course in a given academic year. High School students are not included in the population.

Student success courses include AAA courses with a course number of 100 or higher.

Successful completion entails receiving a grade of "C" or better, or a satisfactory grade. Grades of D, F, and W (withdrawn) are considered unsuccessful courses. Dropped courses or courses with a grade of "I" (incomplete) are not included in the calculation.

### LEADING INDICATOR XI — PRECIPITOUS DECLINE IN GPA FROM FIRST TO SECOND SEMESTER

Term GPA is compared between first and second term for students registering as new first-time. Percentages reflect the proportion of students whose second term GPA was at least 1.3 points below their first term GPA.

The population for this metric only includes students who were registered in both terms. In addition, only students with a cumulative GPA at or above 2.0 in both semesters are included in the population.

The 1.3 decline threshold was used as an initial exploratory effort into this metric, as it was developed at Colorado State University by Dr. Paul Thayer. Methods are subject to review and revision for future iterations to account for differences in the CCCS and CSU populations.



# KPM 1.1 – Increase the Number of Certificates and Degrees Awarded by One Percentage Point (Particular Emphasis on Credentials that Lead to a Living Wage)

Measures the percent change in total credentials (degrees and certificates) awarded over time. High school students are not included in the population.

A subset of these credentials is used to assess those that lead to a living wage. The top ten degrees are displayed by growth, as measured through the absolute change in number of credentials in a given subject. Credentials are grouped according to their Classification of Instructional Program (CIP) code and matched to the corresponding wage data for that CIP code to ascertain whether the highest growth credentials lead to a living wage.

Data supporting living wage and median salary thresholds was pulled using the following online calculators and data files:

- MIT Living Wage Calculator
- CDHE Postsecondary Degree Earnings Outcomes

Wage thresholds used in this document represent calculations using two working adults and two children.

### KPM 1.2 – Exceed the National Fall-to-Fall and Fall-to-Spring Retention Rate for Full and Part-Time Community College Students by 2025

The CDHE and IPEDS method of measuring retention is used. Retention cohorts include students enrolled as new first-time students in the fall term, or registered in the fall and new first-time in the summer directly preceding the fall term.

Only degree-seeking students (declared in any academic program) are included in the cohort, and separate rates are calculated for full and part-time students.

Students are considered retained if they registered in the following fall term, or are awarded a credential between the fall term of entry and the following summer term. For example: for the fall 2017 cohort, students registered in fall 2018 or attaining a credential by the end of summer 2018 are considered retained.

Fall-to-spring retention is calculated based on enrollment in the spring term directly following the fall cohort, or receiving a credential in fall or spring.

National rates are sourced from the <u>IPEDS Trend Generator</u>. IPEDS only provides national benchmarks for fall-to-fall retention, so fall-to-spring retention benchmarks are not provided in this document.



### KPM 1.3 – Assure Equity for Students from Underrepresented Groups, as Compared to Overall Student Outcomes

All KPM data is broken down by student demographics to assess equity – including populations such as students of color, first generation students, and Pell eligible students.

An overall success rate is also provided that includes graduation, transfer (to four-year institutions) and Skills Builder outcomes over the traditional three-year graduation rate period. The success rate is the percentage of students in a given graduation cohort that achieve any one of these outcomes within three years after registering as a new first-time student.

Fall graduation cohorts were used for the overall success rate, and include the same students as mentioned in KPM 1.2: degree-seeking students registered as new-first time in the fall term, or registered in the fall and new first-time in the summer directly preceding fall term. Full and part-time students are both included in the overall success calculations for purposes of this document.

A student is counted as having transferred or graduated if they attended a four-year school or received a CCCS credential within three academic years, plus a trailing summer. For example: students in the fall 2016 cohort that obtain a credential or transfer by summer 2019 are included as successful outcomes. Skills Builder outcomes are also assessed using the same span of time for purposes of this document.

A "Skills Builder" student is one that meets the following criteria, according to research conducted by Dr. Peter Bahr of the University of Michigan in coordination with the CCCS Institutional Research office:

- Number of terms enrolled in community college ≤ 2
- Percentage of community college course credits completed successfully = 100%
- Total number of community college credits attempted ≤ 26
- Percentage of attempted community college credits in CTE fields ≥ 50%
- Did not attend a four-year institution in the one year prior to enrolling in community college

Four-year transfer data was obtained through the National Student Clearinghouse Student Tracker.



### KPM 1.7 – Increase Distance & Hybrid Course Success Rate to Match On-Campus Course Success Rate by 2025

Compares courses taught exclusively on campus with those utilizing some sort of distance learning or online component. These include online courses, hybrid courses that are taught partially on campus as well as online, and interactive video courses.

Success rates are computed using the same method previously mentioned in leading indicators: a grade of C or better, or a satisfactory grade is considered a successful course. Grades of D, F, and W (withdrawn) are considered unsuccessful courses. Dropped or incomplete courses are not included in the calculation.

Course delivery methods are categorized using a combination of instruction method and schedule type in the student course ODS tables.

# KPM 3.1 - Increase Matriculation of Concurrent Enrollment Students to a CCCS Institution within Four Years of High School Graduation by 1% Each Year through 2025

Measures the rate at which students attending a CCCS institution while still in high school later register at a CCCS institution after high school graduation.

A student is counted as having matriculated if they register as a non-high school student after previously registering as a high school student. Matriculation to any CCCS institution is measured in this document.

The period of time over which matriculation is assessed is four academic years after the year of high school participation. For example: for all high school students registered in the 2015 academic year, matriculation rates are calculated up through academic year 2019.



### KPM 3.1 - Increase CCCS College Credentials Awarded to Concurrent Enrollment Students by 1% Each Year through 2025

Similar to KPM 1.1, measures the percent change in total credentials (degrees and certificates) awarded over time, specific only to high school students. All credentials (degrees and certificates) awarded to high school students are totaled for the academic year and percent change over time is displayed.

### KPM 3.1 - Increase Successful Credit Completion through Concurrent Enrollment by 1% Each Year through 2025

Measures total credits completed successfully by high school students within an academic year. Percentage change in the total number of successful credits is displayed.

Course successes are measured as previously mentioned in leading indicators and KPM 1.7: a grade of C or better, or a satisfactory grade is considered a successful course. Grades of D, F, and W (withdrawn) are considered unsuccessful courses. Dropped or incomplete courses are not included in the calculation.

### KPM 3.2 — Increase Percentage of Successful Transfers to Four-Year Institutions

Transfer rates use graduation and retention cohorts as mentioned in KPM 1.2 and 1.3: degree-seeking students enrolled as new first-time in the fall term, or registered in the fall and new first-time in the summer directly preceding the fall term. Both full and part-time students are included for purposes of this metric.

The span of time over which transfer rates are calculated is consistent with graduation rates and the overall success rate mentioned in KPM 1.3. Students are counted as transferred if they attend a four-year institution at any point within three academic years, plus a trailing summer. For example: students in the fall 2016 cohort that attend a four-year institution by summer 2019 are counted in transfer outcomes.

Four-year transfer data was obtained through the National Student Clearinghouse Student Tracker.