

Student Achievement Data

At BRCC, student achievement is measured in five areas. The results are analyzed and discussed annually; action plans are developed and implemented when the threshold of acceptability is not met.

1. Course Success Rate

- a. Face-to-Face Course Success Rate
- b. Distance Learning Course Success Rate

2. Retention Rate

- a. Fall-to-Spring Retention
- b. Fall-to-Spring FTIC Retention
- c. Fall-to-Fall Retention
- d. Fall-to-Fall FTIC Retention

3. Graduation Success

- a. Awards Conferred
- b. Number of Graduates
- c. Overall Cohort Total Completion Rate
 - 1) Overall Cohort Total Completion Rate by Gender
 - 2) Overall Cohort Total Completion Rate by Race/Ethnicity
 - 3) Overall Cohort Total Completion Rate by PELL

4. Employment Success

5. Licensure

Targets and thresholds of acceptability are determined based on baseline/trend data and professional judgment regarding the level of performance and satisfaction that indicates actual effectiveness and success. OIRE revises the indicators, measures, and targets as needed to improve the quality and efficiency of student achievement. Color indicators represent various levels of performance within each measure:

	Met or exceeded the target
	Above the threshold but below the target
	Below the threshold

Course Success Rate

Blue Ridge Community College measures course success rate based on grades of A, B, C, Pass (P), and Satisfactory (S).

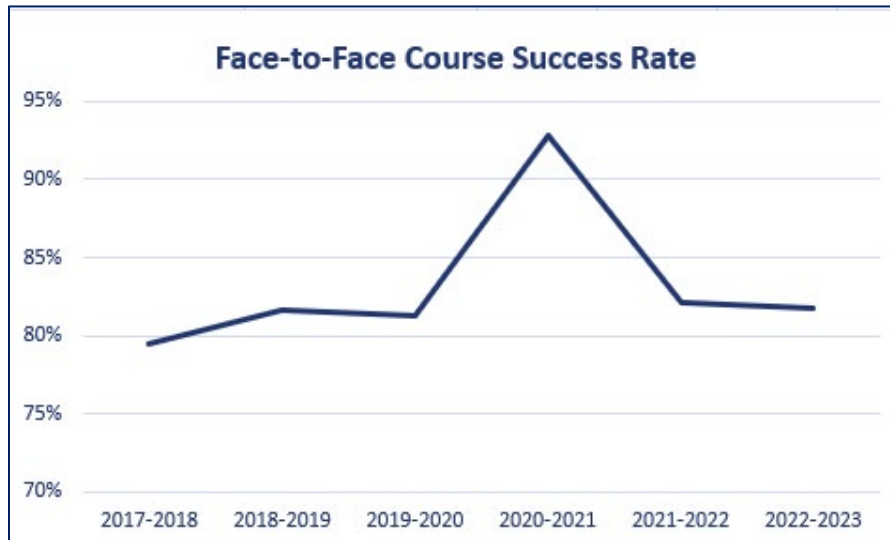
a. Face-to-Face Course Success Rate

Target: 85% of students at BRCC will successfully complete their Face-to-Face courses.

Threshold of Acceptability: 80% of BRCC students will pass their Face-to-Face courses.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Face-to-Face Course Success Rate
2017-2018	79%
2018-2019	82%
2019-2020	81%
2020-2021	93%
2021-2022	82%
2022-2023	82%

Conclusion: The success rate for face-to-face courses in 2022-23 was 82%, meeting the 80% threshold.

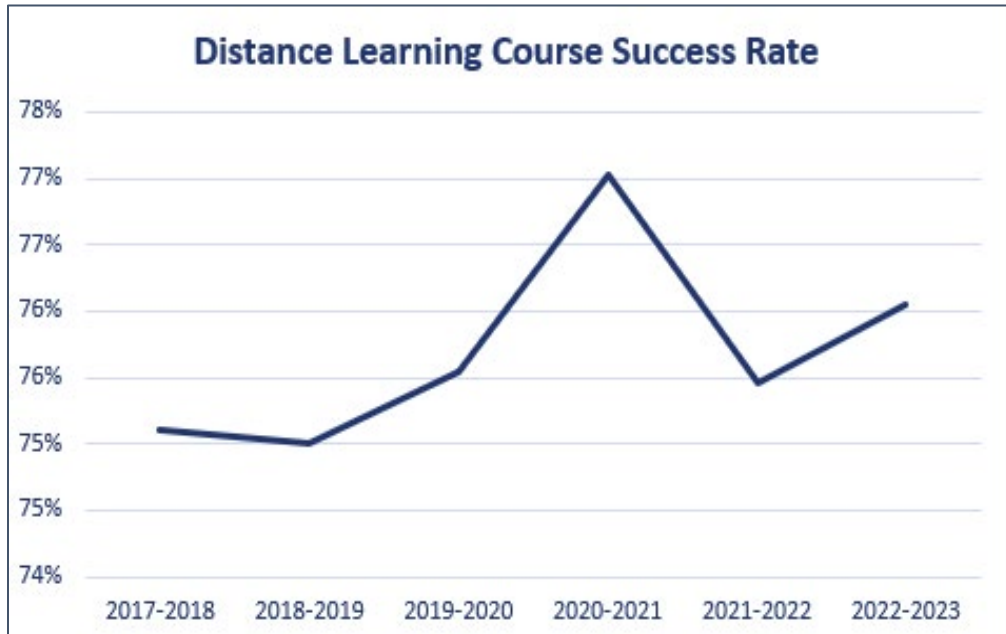
b. Distance Learning Course Success Rate

Target: 77% of students at BRCC will successfully complete their Distance Learning courses.

Threshold of Acceptability: 74% of BRCC students will pass their Distance Learning courses.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Distance Learning Course Success Rate
2017-2018	75%
2018-2019	75%
2019-2020	76%
2020-2021	77%
2021-2022	75%
2022-2023	76%

Conclusion: The success rate for distance learning courses in 2022-23 was 76%, meeting the 74% acceptability threshold.

Retention Rate

BRCC's retention rate is the percentage of students from the fall cohort who either returned to BRCC in the following spring/fall semester or graduated from BRCC before the end of fall.

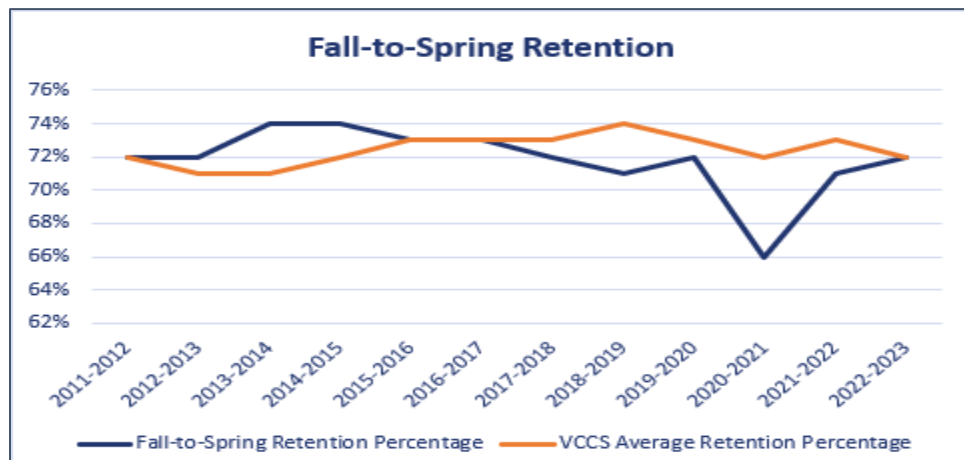
a. Fall-to-Spring Retention Rate

Target: We will attain the VCCS's average retention rate from Fall to Spring.

Threshold of Acceptability: BRCC's Fall-to-Spring retention rate will be no more than 5% lower than VCCS's average retention rate from Fall to Spring.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Fall-to-Spring Retention Percentage	VCCS Average Retention Percentage
2011-2012	72%	72%
2012-2013	72%	71%
2013-2014	74%	71%
2014-2015	74%	72%
2015-2016	73%	73%
2016-2017	73%	73%
2017-2018	72%	73%
2018-2019	71%	74%
2019-2020	72%	73%
2020-2021	66%	72%
2021-2022	71%	73%
2022-2023	72%	72%

Conclusion: The retention rate for Fall 2022-23 was 72%, which met the target set by BRCC.

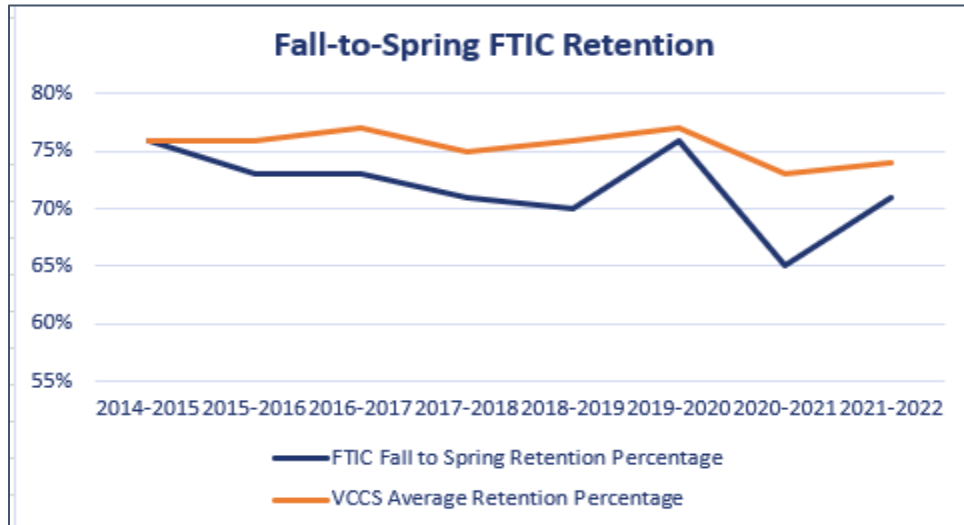
b. Fall-to-Spring FTIC Retention Rate

Target: We will attain the VCCS’s average FTIC retention rate from Fall to Spring.

Threshold of Acceptability: BRCC's Fall-to-Spring FTIC retention rate will be no more than 5% lower than VCCS's average FTIC retention rate from Fall to Spring.

Source: SIS

Frequency of Assessment: Annually



Academic Year	FTIC Fall to Spring Retention Percentage	VCCS Average Retention Percentage
2014-2015	76%	76%
2015-2016	73%	76%
2016-2017	73%	77%
2017-2018	71%	75%
2018-2019	70%	76%
2019-2020	76%	77%
2020-2021	65%	73%
2021-2022	71%	74%

Conclusion: In 2021-22, the Fall-to-Spring retention rate for first-time-in-college (FTIC) students was 71%, which is 3% lower than the average FTIC retention rate for Virginia's Community College System (VCCS). However, this is still within the acceptable threshold of being within 5% of VCCS's average retention rate of 74%.

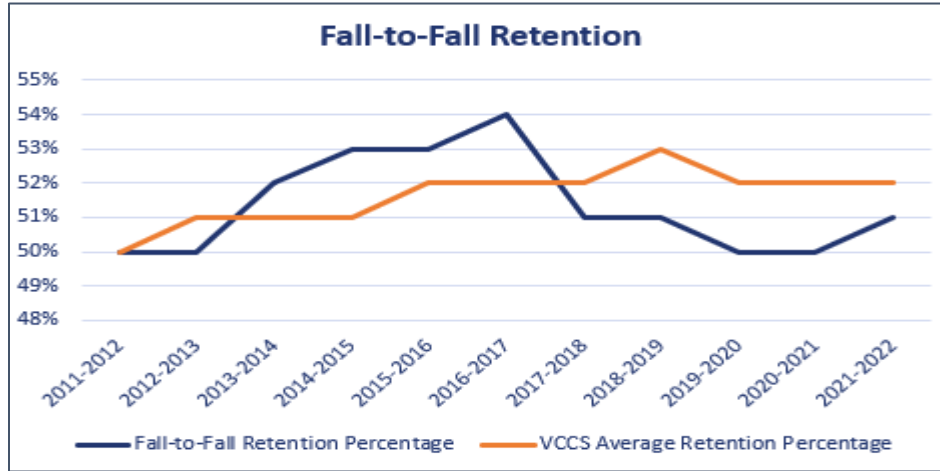
c. Fall-to-Fall Retention Rate

Target: We will attain the VCCS’s average retention rate from Fall to Fall.

Threshold of Acceptability: BRCC's Fall-to-Fall retention rate will be no more than 5% lower than VCCS's average retention rate from Fall to Fall.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Fall-to-Fall Retention Percentage	VCCS Average Retention Percentage
2011-2012	50%	50%
2012-2013	50%	51%
2013-2014	52%	51%
2014-2015	53%	51%
2015-2016	53%	52%
2016-2017	54%	52%
2017-2018	51%	52%
2018-2019	51%	53%
2019-2020	50%	52%
2020-2021	50%	52%
2021-2022	51%	52%

Conclusion: In 2021-22, the Fall-to-Fall retention rate was 51%, which is 1% lower than the average retention rate for Virginia's Community College System (VCCS). However, this is still within the acceptable threshold of being within 5% of VCCS's average retention rate of 52%.

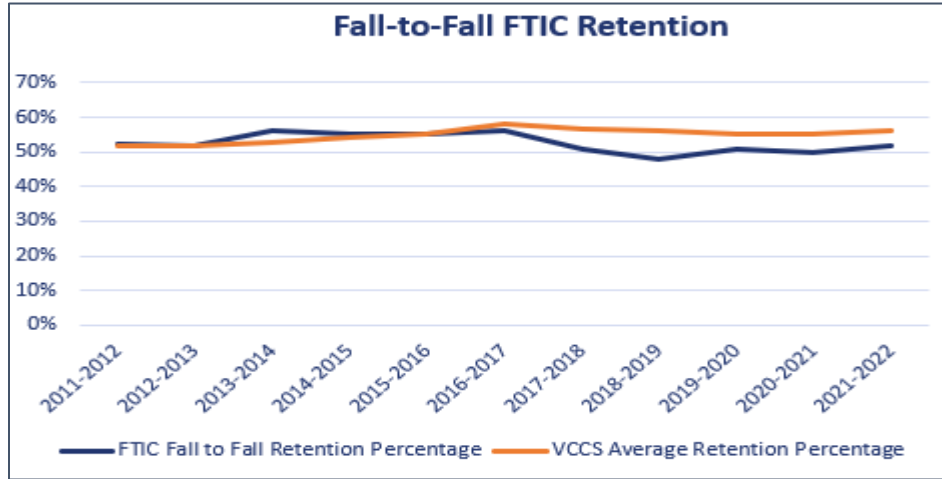
d. Fall-to-Fall FTIC Retention Rate

Target: We will attain the VCCS’s average FTIC retention rate from Fall to Fall.

Threshold of Acceptability: BRCC's Fall-to-Fall FTIC retention rate will be no more than 5% lower than VCCS's average FTIC retention rate from Fall to Fall.

Source: SIS

Frequency of Assessment: Annually



Academic Year	FTIC Fall to Fall Retention Percentage	VCCS Average Retention Percentage
2011-2012	52%	52%
2012-2013	52%	52%
2013-2014	56%	53%
2014-2015	55%	54%
2015-2016	55%	55%
2016-2017	56%	58%
2017-2018	51%	57%
2018-2019	48%	56%
2019-2020	51%	55%
2020-2021	50%	55%
2021-2022	52%	56%

Conclusion: In 2021-22, the Fall-to-Fall retention rate for first-time-in-college (FTIC) students was 52%, which is 4% lower than the average FTIC retention rate for Virginia's Community College System (VCCS). However, this is still within the acceptable threshold of being within 5% of VCCS's average retention rate of 56%.

Graduation Success

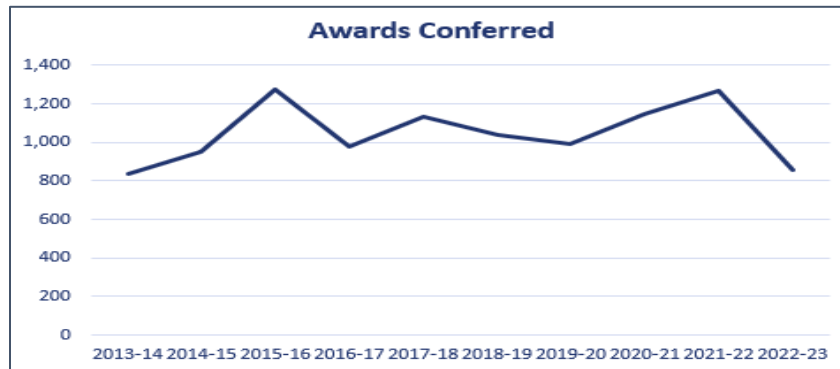
a. Awards Conferred

Target: The total number of awards conferred in the current year is equal to or greater than that of those conferred in the previous year.

Threshold of Acceptability: BRCC will confer awards within a -15% change from the previous year.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Total	% change from previous year
2013-14	836	-
2014-15	951	14%
2015-16	1,273	34%
2016-17	979	-23%
2017-18	1,131	16%
2018-19	1,039	-8%
2019-20	991	-5%
2020-21	1,146	16%
2021-22	1,266	10%
2022-23	858	-32%

Conclusion: In the 2022-23 academic year, BRCC awarded 858 degrees, representing a 32% decrease from the previous year. This is outside our acceptable threshold of a 15% change.

Action Plan: During the COVID-19 pandemic, enrollment at BRCC dropped by about 10%, which had a significant impact on the progress made toward graduation. Due to most students switching to online learning, they had to reduce the number of courses or even take a break, resulting in an extended time to complete their education by additional semesters. However, to ensure that students have the resources they need to succeed, the Student Success Team established comprehensive support systems that include academic counseling, tutoring services, college and career guidance, and mental health support.

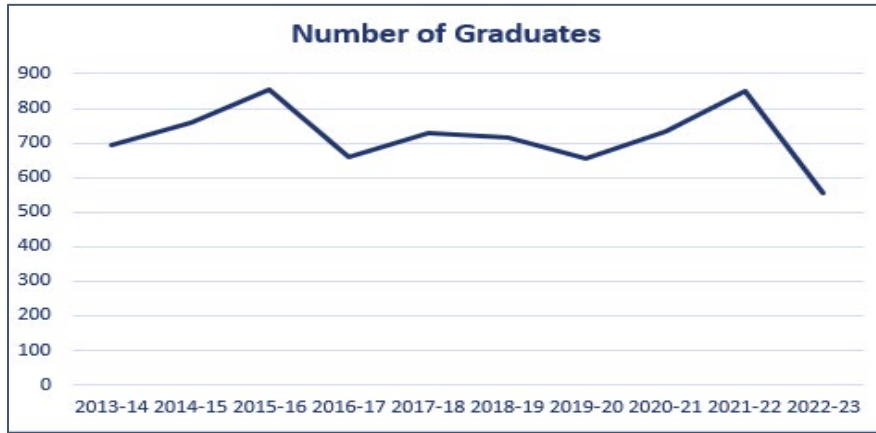
b. Number of Graduates

Target: The number of graduates this year is greater than or equal to last year.

Threshold of Acceptability: BRCC will have within -15% change in total graduates from the previous year.

Source: SIS

Frequency of Assessment: Annually



Academic Year	Total	% change from previous year
2013-14	694	-
2014-15	761	10%
2015-16	855	12%
2016-17	661	-23%
2017-18	727	10%
2018-19	714	-2%
2019-20	654	-8%
2020-21	732	12%
2021-22	848	16%
2022-23	556	-34%

Conclusion: In 2022-23, BRCC had 556 graduates, a 34% decrease from the previous year, which falls below our acceptable -15% threshold.

Action Plan: During the COVID-19 pandemic, enrollment at BRCC dropped by about 10%, which had a significant impact on the progress made toward graduation. Due to most students switching to online learning, they had to reduce the number of courses or even take a break, resulting in an extended time to complete their education by additional semesters. However, to ensure that students have the resources they need to succeed, the Student Success Team established comprehensive support systems that include academic counseling, tutoring services, college and career guidance, and mental health support.

c. Overall Cohort Total Completion Rate

BRCC has identified the National Student Clearinghouse Total Completion Rate as the graduation rate metric with SACSCOC.

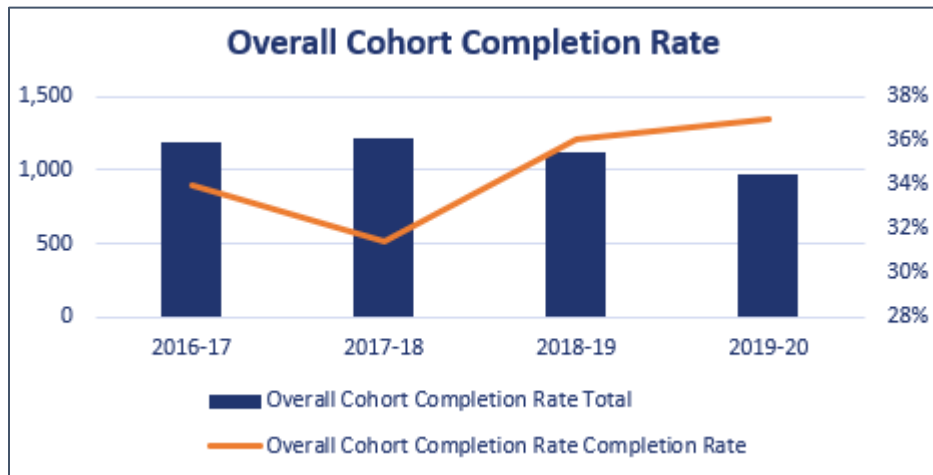
The cohort includes students who are new to college, have transferred, readmitted, or are seeking a credential. It also includes students taking college remedial or developmental courses, those who have earned a degree or certificate at BRCC or another institution, and those currently enrolled at BRCC or another institution within three years.

Target: BRCC aims to ensure that 35% of students in each cohort complete their program successfully.

Threshold of Acceptability: The overall cohort completion rate of BRCC will be 30%.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually



Cohort Year	Total	Completion Rate
2016-17	1,192	34%
2017-18	1,212	31%
2018-19	1,120	36%
2019-20	966	37%

Conclusion: During the academic year of 2019-20, BRCC's completion rate was 37%. This percentage aligns with our target of 35%.

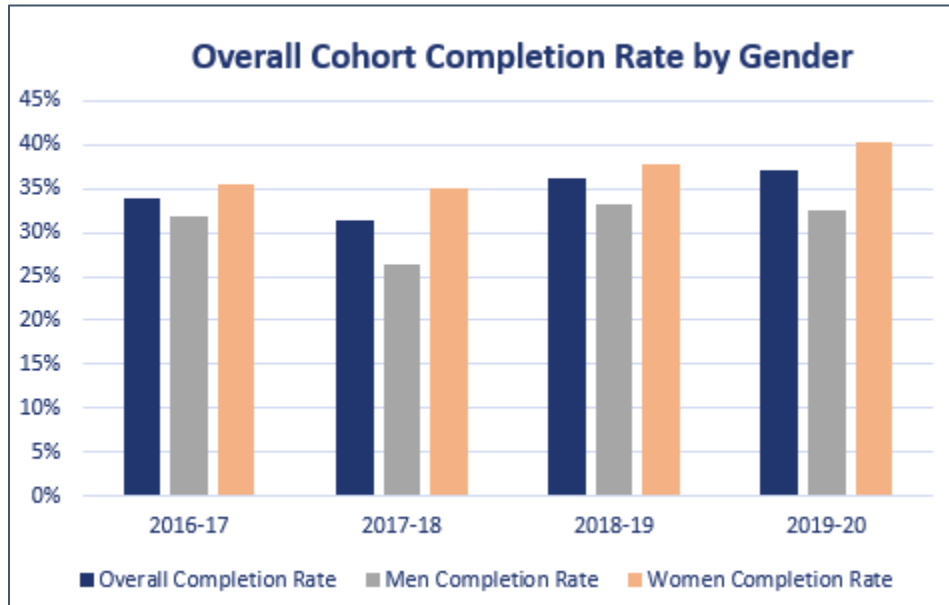
1) Overall Cohort Total Completion Rate by Gender

Target: 35% of men and 40% of women will complete their studies within three years.

Threshold of Acceptability: 30% of men and 35% of women will complete their studies within three years.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually



Cohort Year	Overall Completion Rate	Men Completion Rate	Women Completion Rate
2016-17	34%	32%	36%
2017-18	31%	26%	35%
2018-19	36%	33%	38%
2019-20	37%	33%	40%

Conclusion: In 2019-20, 33% of men and 40% of women completed their studies within three years, meeting our acceptable completion rates of 30% for men and a target of 40% for women.

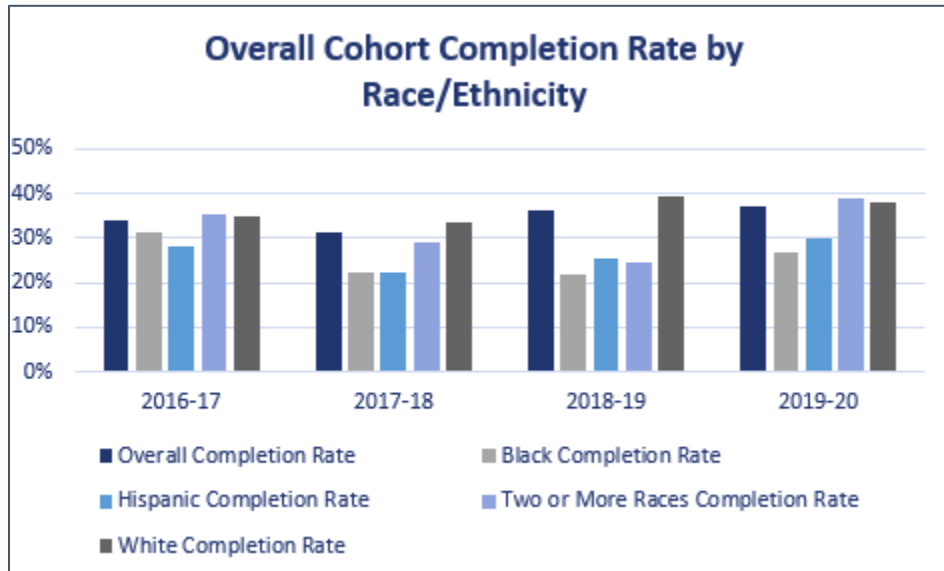
2) Overall Cohort Total Completion Rate by Race/Ethnicity

Target: 30% of Black students, 30% of Hispanic students, 35% of Two or More Races, and 37% of White students will complete their studies within three years.

Threshold of Acceptability: 25% of Black students, 25% of Hispanic students, 30% of Two or More Races, and 32% of White students will complete their studies within three years.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually



Cohort Year	Overall Completion Rate	Black Completion Rate	Hispanic Completion Rate	Two or More Races Completion Rate	White Completion Rate
2016-17	34%	31%	28%	35%	35%
2017-18	31%	22%	22%	29%	33%
2018-19	36%	22%	26%	25%	39%
2019-20	37%	27%	30%	39%	38%

Conclusion: According to the data from 2019-20, 27% of black students at BRCC successfully completed their studies within a period of three years. This aligns with the acceptable 25% completion rate threshold for black students. On the other hand, 30% of Hispanic students, 39% of students of Two or More Races, and 38% of white students completed their studies within three years, which meets our target expectations.

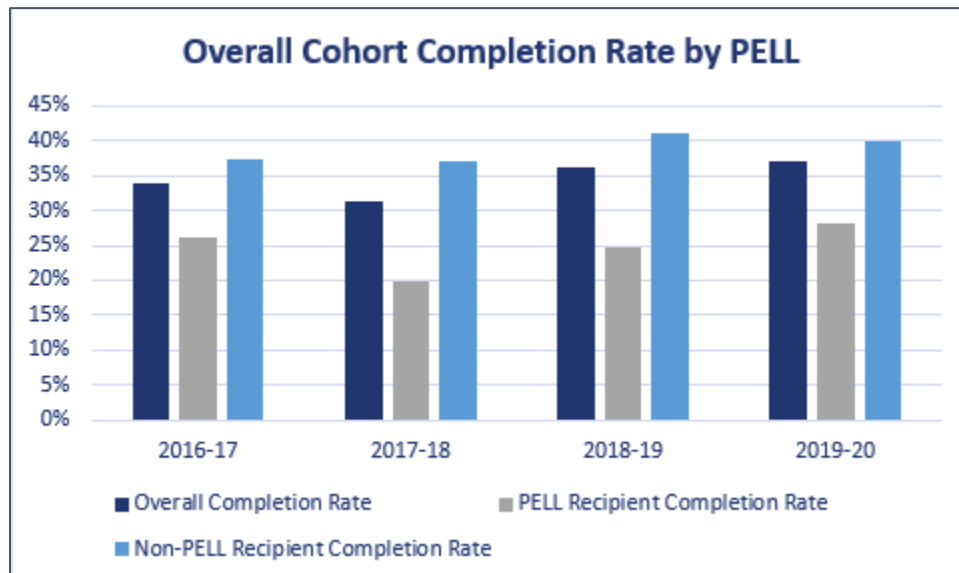
3) Overall Cohort Total Completion Rate by Financial Aid Status

Target: 30% of PELL recipients and 40% of non-PELL recipients will complete within three years.

Threshold of Acceptability: 25% of PELL Recipients and 35% of non-PELL Recipient will complete within three years.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually



Cohort Year	Overall Completion Rate	PELL Recipient Completion Rate	Non-PELL Recipient Completion Rate
2016-17	34%	26%	37%
2017-18	31%	20%	37%
2018-19	36%	25%	41%
2019-20	37%	28%	40%

Conclusion: For the academic year 2019-20, 28% of students who received PELL Grants could complete their degree within three years. This percentage meets the acceptable threshold of 25%. On the other hand, 40% of students who did not receive PELL Grants could complete their degree within three years, which meets our target of having 40% of non-PELL grant recipients complete their degree within the same timeframe.

Employment Success

BRCC measures employment outcomes by tracking Career and Technical (CTE) graduates who secure employment within six months of graduation, using data from the Virginia Employment Commission (VEC).

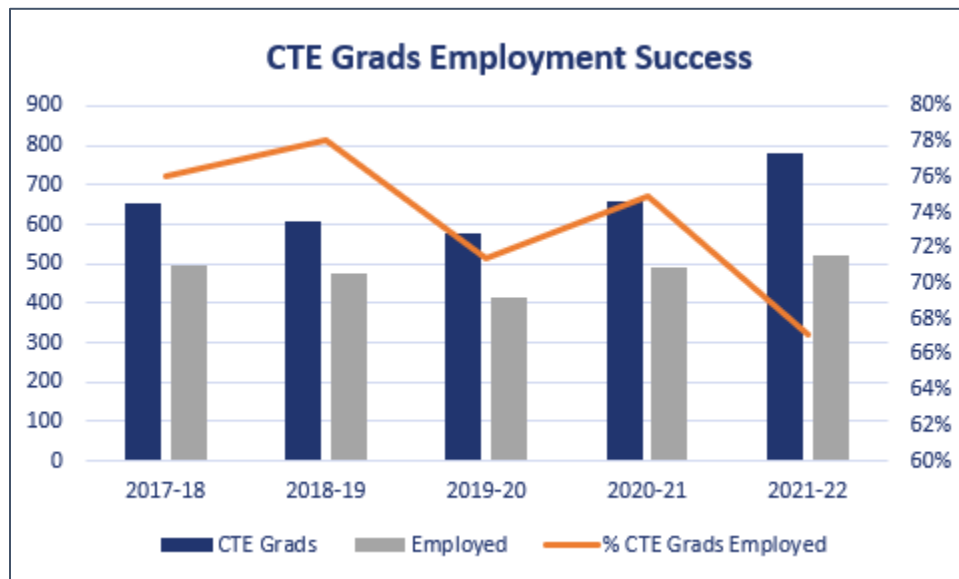
Career and Technical Education (CTE) programs include Associate of Applied Science (AAS) degrees, Certificates (CERT), and Career Studies Certifications (CSC).

Target: 77% of CTE graduates will be employed within six months of graduation.

Threshold of Acceptability: 65% of CTE graduates will be employed within six months of graduation.

Source: Virginia Employment Commission

Frequency of Assessment: Annually



Academic Year	CTE Grads	Employed	% CTE Grads Employed
2017-18	655	498	76%
2018-19	607	474	78%
2019-20	577	412	71%
2020-21	658	493	75%
2021-22	778	522	67%

Conclusion: 67% of 2021-22 BRCC CTE graduates were employed within six months of graduation, meeting the 65% threshold but falling short of the 77% goal.

Licensure

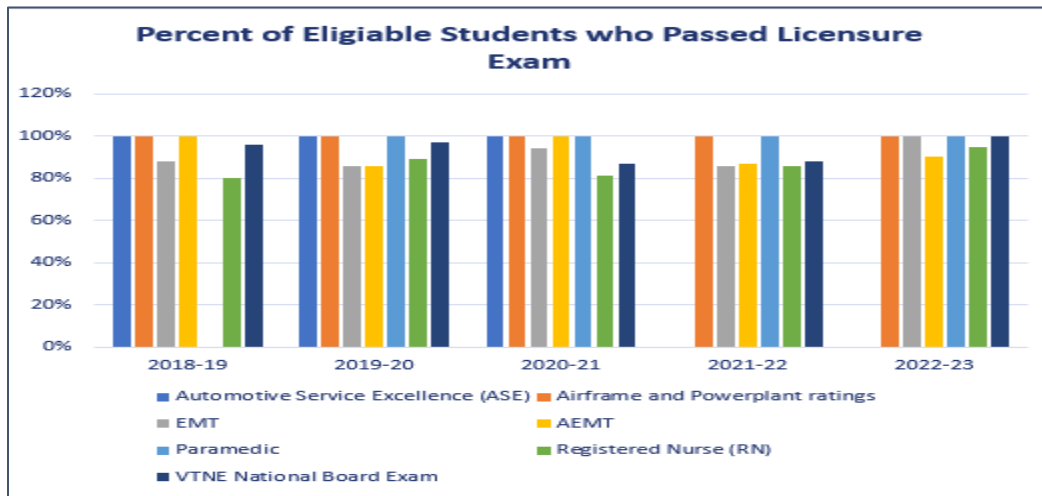
BRCC measures licensure success for programs that require external licensure exams during or after program completion.

Target: 80% of eligible students will pass their licensure exams.

Threshold of Acceptability: 75% of eligible students will pass their licensure exams.

Source: BRCC Office of Academic Affairs

Frequency of Assessment: Annually



Program	Licensure/Certification	2018-19	2019-20	2020-21	2021-22	2022-23
Automotive Analysis and Repair	Automotive Service Excellence (ASE)	100%	100%	100%	*	**
Aviation Maintenance Technology	Airframe and Powerplant ratings	100%	100%	100%	100%	100%
Emergency Medical Services	EMT	88%	86%	94%	86%	100%
	AEMT	100%	86%	100%	87%	90%
	Paramedic	*	100%	100%	100%	100%
Nursing	Registered Nurse (RN)	80%	89%	81%	86%	95%
Veterinary Technology	VTNE National Board Exam	96%	97%	87%	88%	100%

*No graduates

**No Exam Administered

Conclusion: All programs reporting data for the 2022-23 graduates achieved the 80% pass rate goal. The program without 2022-23 data met the 80% pass rate goal for 2019-20.