Student Achievement Data

At BRCC, student achievement is measured in six 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. NSC Total Completion Rate *
      1) NSC Total Completion Rate by Gender
      2) NSC Total Completion Rate by Race/Ethnicity
      3) NSC Total Completion Rate by PELL

   ***A 6-year NSC Total Completion Rate is the graduation rate metric identified for SACSCOC.**

4. Transfer Success
   Subsequent Enrollment at 4-Year Institutions – All Students

5. Employment Success
   Employment Rate of CTE Graduates

6. 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

1. **Course Success Rate**

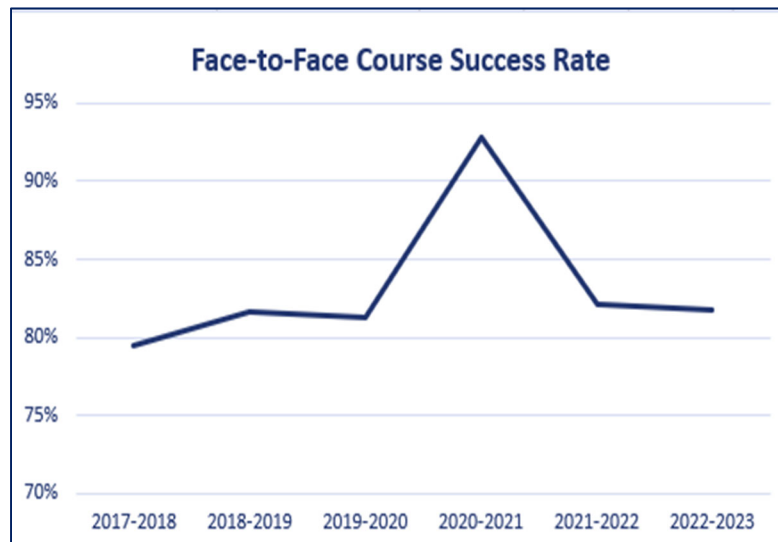**Blue Ridge Community College measures course success rate based on grades of A, B, C, Pass (P), and Satisfactory (S).**

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 Face-to-Face courses.

    Source: SIS

    Frequency of Assessment: Annually

Face-to-Face Course Success Rate

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.
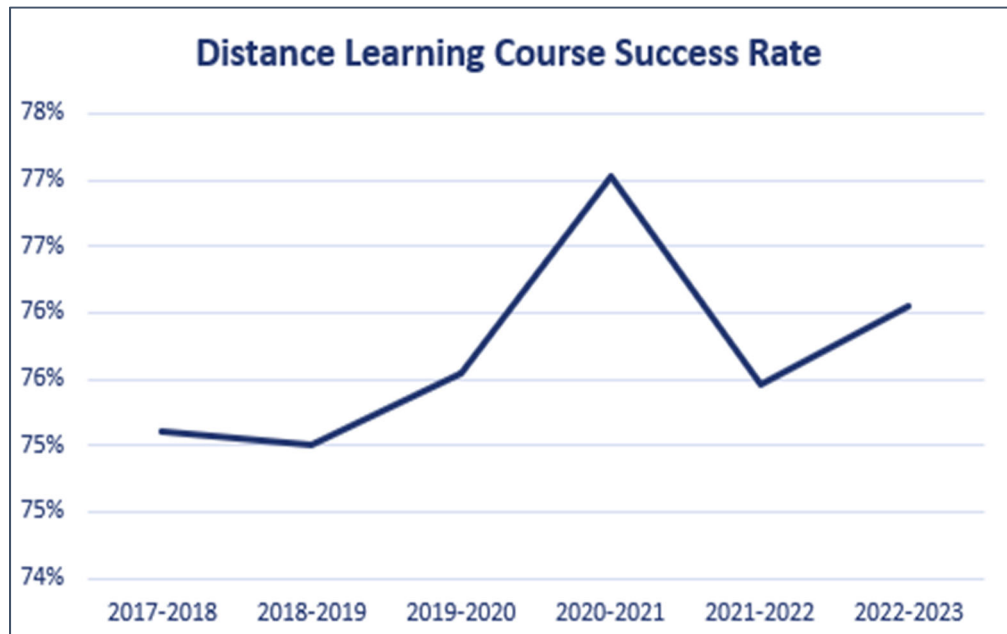
b. **Distance Learning Course Success Rate**

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.

2. **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.
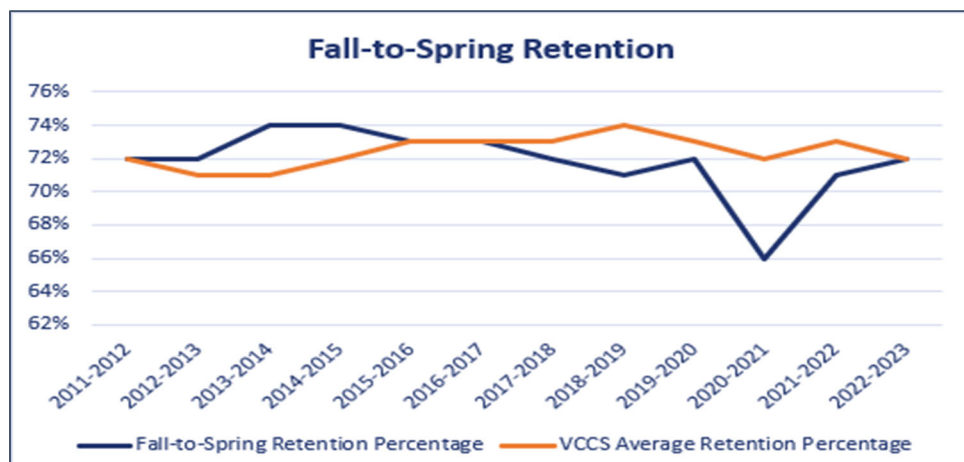
a. **Fall-to-Spring Retention Rate**

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%

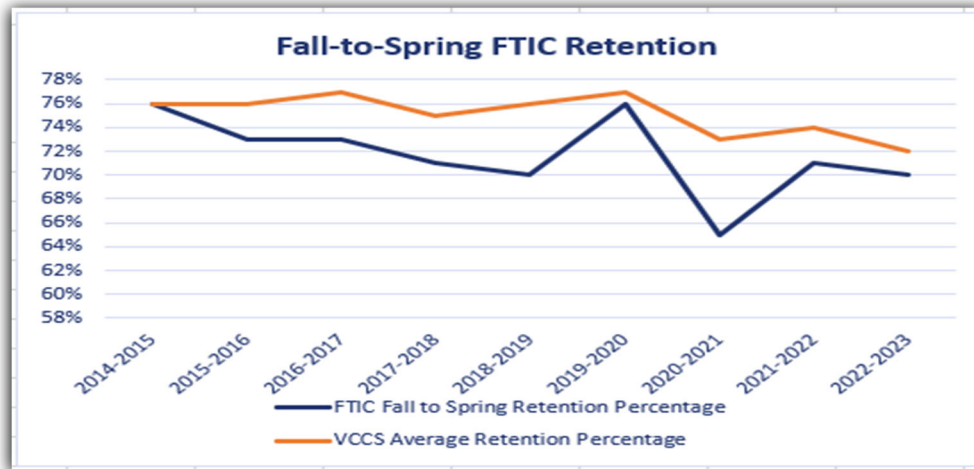**Conclusion:** The retention rate for Fall 2022-23 was 72%, which met the BRCC target.

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%
2022-2023	70%	72%

Conclusion: In 2022-23, the Fall-to-Spring retention rate for first-time-in-college (FTIC) students was 70%, 2% 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 72%.
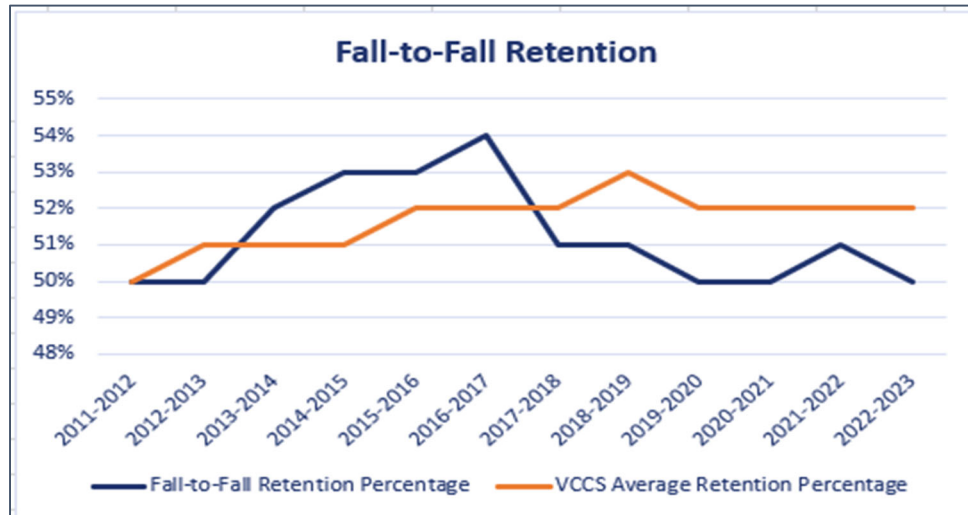
c. Fall-to-Fall Retention Rate

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%
2022-2023	50%	52%

Conclusion: In 2022-23, the Fall-to-Fall retention rate was 50%, 2% 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%.
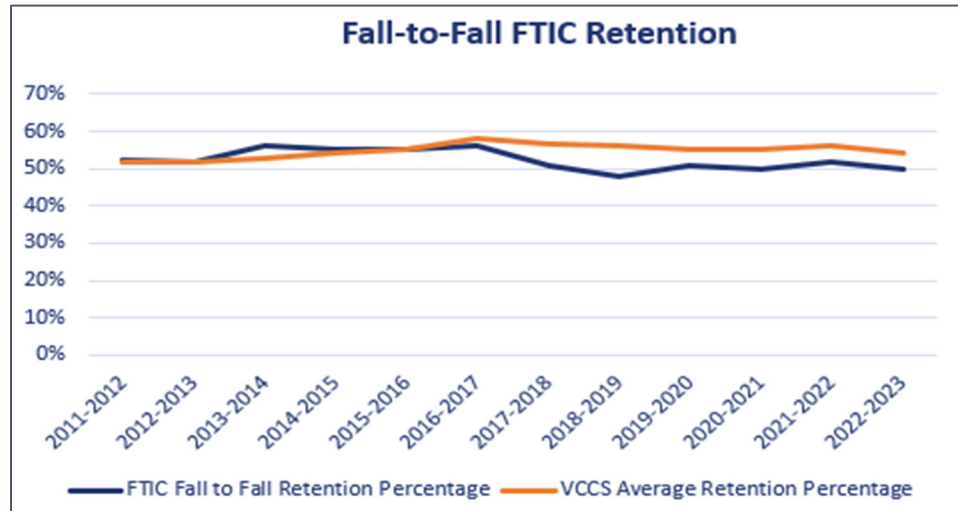
d. **Fall-to-Fall FTIC Retention Rate**

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%
2022-2023	50%	54%

Conclusion: In 2022-23, the Fall-to-Fall retention rate for first-time-in-college (FTIC) students was 50%, 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 54%.
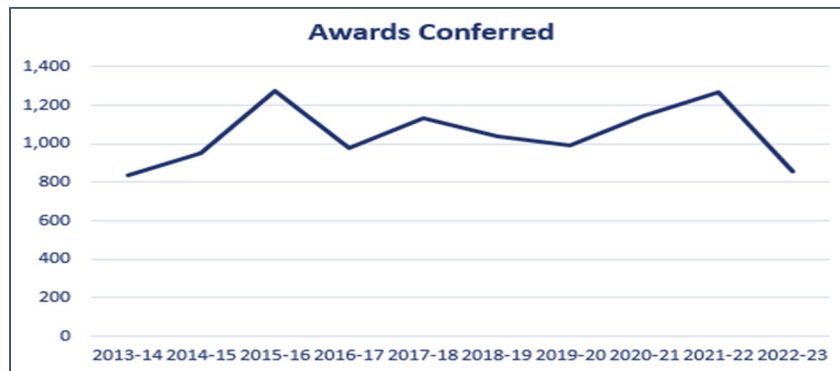
3.   **Graduation Success**
   a.   **Awards Conferred**

   Target: The total number of awards conferred in the current year is equal to or greater than 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 pandemic, BRCC students had to deal with more academic challenges and financial constraints, which led to a decline in enrollment. However, to ensure students have the resources they need to succeed, the Student Success Team established comprehensive support systems, including academic counseling, tutoring services, college and career guidance, and mental health support.
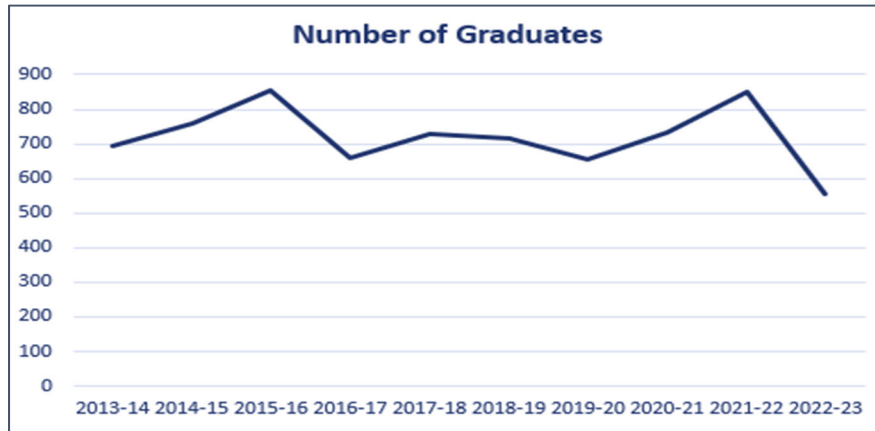
b. **Number of Graduates**

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 pandemic, BRCC students had to deal with more academic challenges and financial constraints, which led to a decline in enrollment. However, to ensure 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
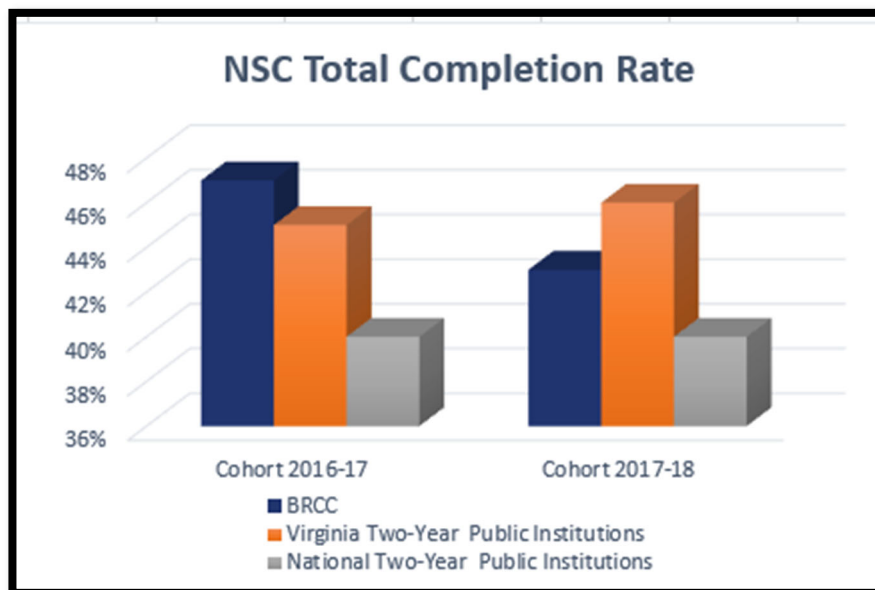
c. **NSC Total Completion Rate***

The cohort consists of students entering BRCC for the first time, transferring from another institution, or returning after a period of absence. The completion rates represent the percentage of students who successfully obtain a degree or certificate at BRCC or another institution within six years. We compare the completion rate of our cohort students with those of 11 Virginia's 2-year public institutions and 226 National 2-year public institutions.

Target: The NSC total completion rate of BRCC students is expected to equal that of Virginia's two-year public institutions.

Threshold of Acceptability: BRCC's NSC total completion rate will be no more than 5% lower than the average rate for national 2-year public institutions.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually

Cohort Year	BRCC	Virginia Two-Year Public Institutions	National Two-Year Public Institutions
Cohort 2016-17	47%	45%	40%
Cohort 2017-18	43%	46%	40%

Conclusion: In the 2017-18 cohort year, BRCC's NSC total completion rate was 43%. This rate is 3% below the target rate of Virginia's 2-year public institutions. However, it is also 3% higher than the threshold of the NSC total completion rate of national 2-year institutions.

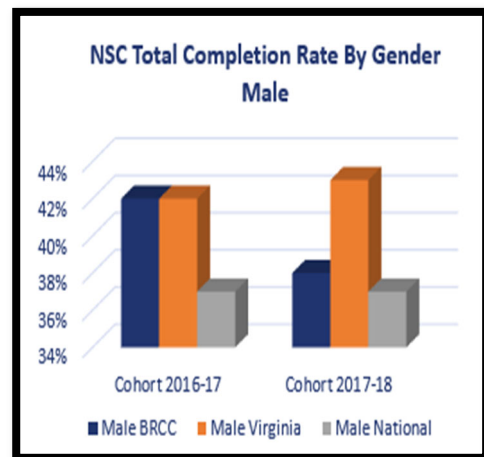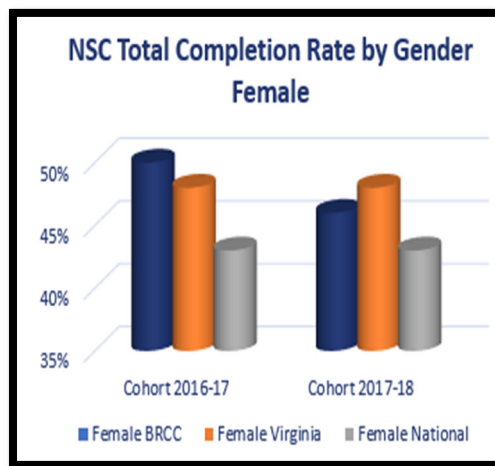***A 6-year NSC Total Completion Rate is the graduation rate metric identified for SACSCOC.**

1) NSC Total Completion Rate by Gender

Target: The NSC total completion rates of BRCC female and male students are expected to match those of Virginia's two-year public institutions.

Threshold of Acceptability: The NSC total completion rates of BRCC female and male students will be no more than 5% lower than the average rates for national 2-year public institutions.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually

Gender	Institution	Cohort 2016-17	Cohort 2017-18
Female	BRCC	50%	46%
	Virginia	48%	48%
	National	43%	43%
Male	BRCC	42%	38%
	Virginia	42%	43%
	National	37%	37%

Conclusion: In the 2017-18 cohort year, 46% of female students completed their degrees within six years, which is 2% below the target rate of Virginia's 2-year public institutions and 3% above the threshold of national 2-year public institutions' completion rate for female students. Of male students, 38% completed their degrees within six years, which is 5% below the target and 1% above the threshold of acceptability.
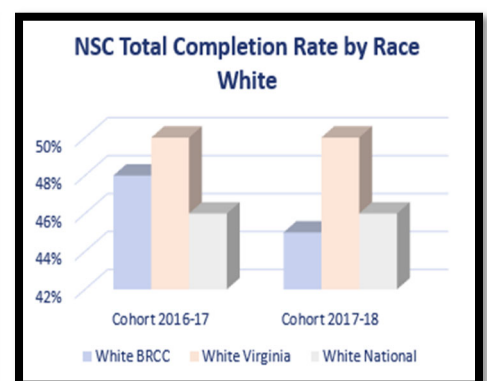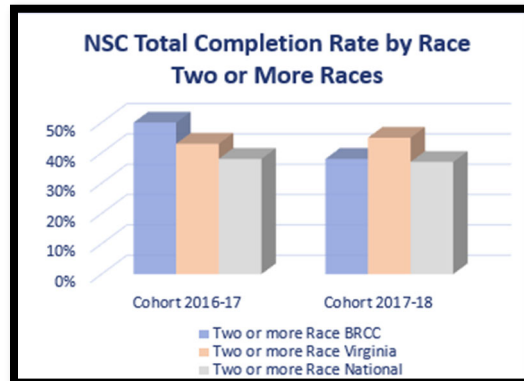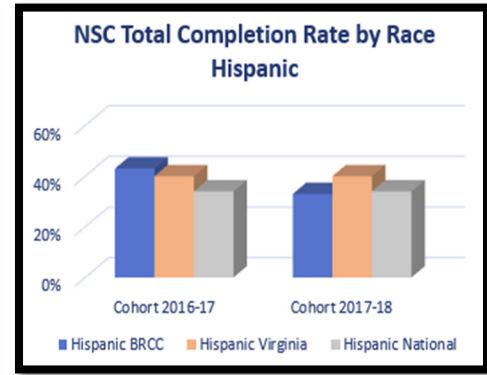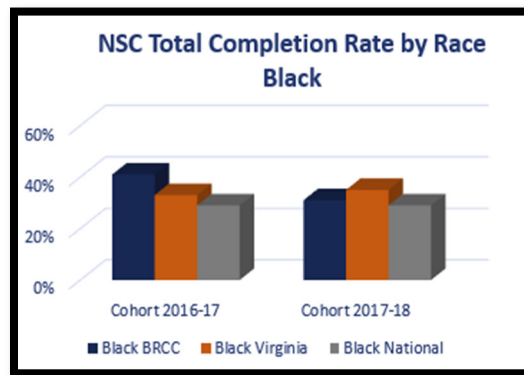
2) NSC Total Completion Rate by Race/Ethnicity

Target: The NSC total completion rates of BRCC Black/African American, Hispanic, Two or More Races, and White students are expected to match those of Virginia's two-year public institutions.

Threshold of Acceptability: The NSC total completion rates of BRCC Black/African American, Hispanic, Two or More Races, and White students will be no more than 5% lower than the average rates for national 2-year public institutions.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually

Race	Institution	Cohort 2016-17	Cohort 2017-18
Black	BRCC	41%	31%
	Virginia	33%	35%
	National	29%	29%
Hispanic	BRCC	43%	33%
	Virginia	40%	40%
	National	34%	34%
Two or more Race	BRCC	50%	38%
	Virginia	43%	45%
	National	38%	37%
White	BRCC	48%	45%
	Virginia	50%	50%
	National	46%	46%

Conclusion: In the 2017-18 cohort, 31% of Black students and 38% of Two or More Races students at BRCC completed their studies within six years. These rates are 2% and 1% higher than the national 2-year public institutions' completion rates for Black and Two or More Races students. Additionally, 33% of Hispanic students and 45% of White students completed their studies within six years, surpassing our acceptable completion rates threshold.
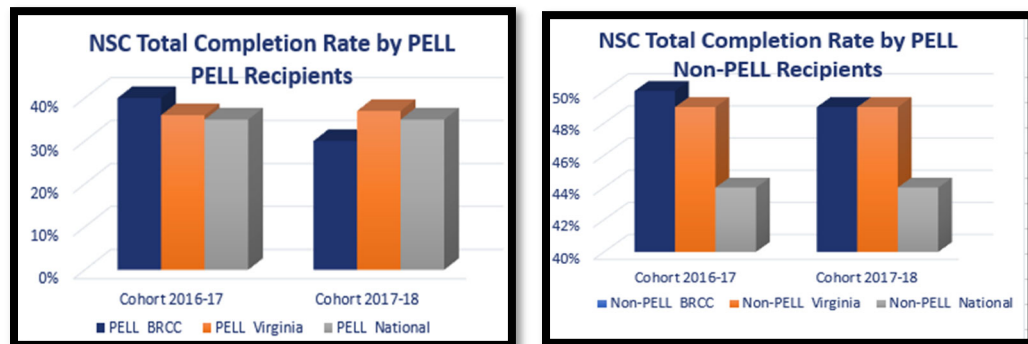
3)   NSC Total Completion Rate by Financial Aid Status

Target: The NSC total completion rates of BRCC PELL and non-PELL recipients are expected to match those of Virginia's two-year public institutions.

Threshold of Acceptability: The NSC total completion rates of PELL and Non-PELL recipients will be no more than 5% lower than the average rates for national 2-year public institutions.

Source: NSC PDP Dashboard

Frequency of Assessment: Annually

PELL Status	Institution	Cohort 2016-17	Cohort 2017-18
PELL	BRCC	40%	30%
	Virginia	36%	37%
	National	35%	35%
Non-PELL	BRCC	50%	49%
	Virginia	49%	49%
	National	44%	44%

Conclusion: In the 2017-18 cohort, 30% of students who received PELL grants completed their degree within six years, which is 5% below the completion rate of national 2-year public institutions' PELL recipients. However, it still meets the acceptable threshold. On the other hand, 49% of non-PELL grant recipients completed their degree within six years, meeting our target rate of Virginia's 2-year public institutions' non-PELL recipients.
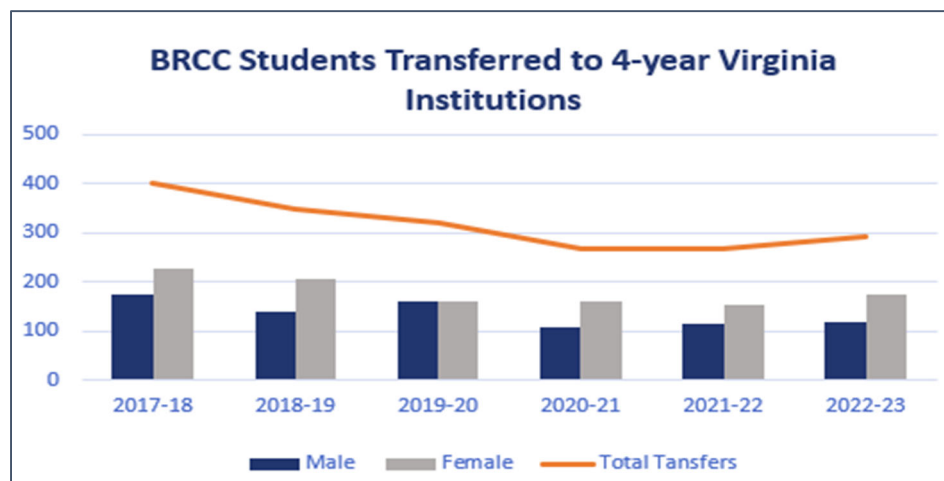
4.   Transfer Success

BRCC measures transfer success by examining students in each academic year to determine if the student has subsequently enrolled at a four-year institution.

Target: The total number of students transferred to a four-year university is equal to or greater than those transferred in the previous year.

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

Source: SCHEV Transfer Outcomes

Frequency of Assessment: Annually

Academic Year	Male	Female	Total Tansfers	1-Year Change
2017-18	173	227	400	-
2018-19	140	207	347	-13%
2019-20	161	159	320	-8%
2020-21	107	159	266	-17%
2021-22	115	153	268	1%
2022-23	117	174	291	9%

Conclusion: In the academic year 2022-23, 291 BRCC students were successfully transferred to four-year Virginia institutions, a 9% increase from the previous year and meeting the target.

5.   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).
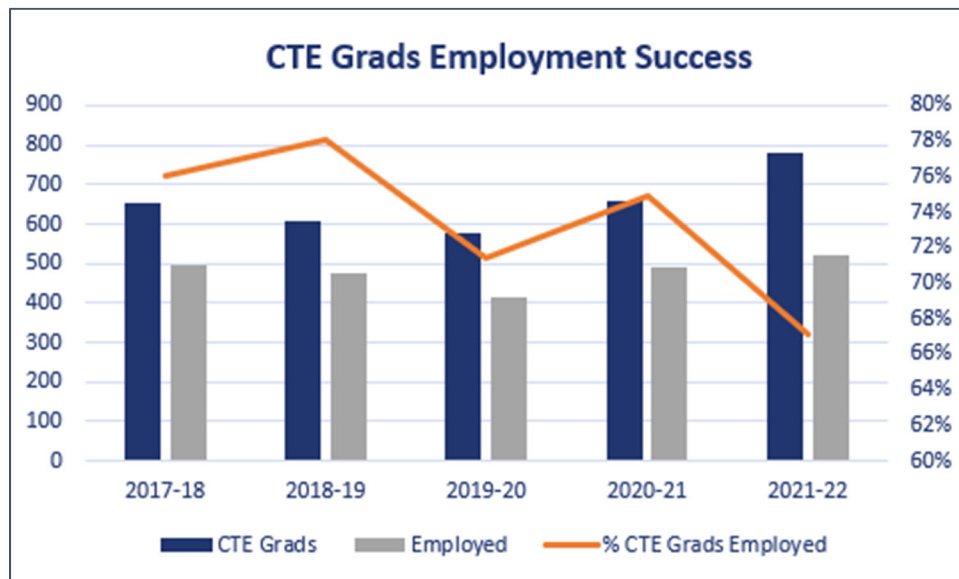
Career and Technical Education (CTE) programs include Associate of Applied Science (AAS) degrees, Certificates (CERT), and Career Studies Certifications (CSC).

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% target.
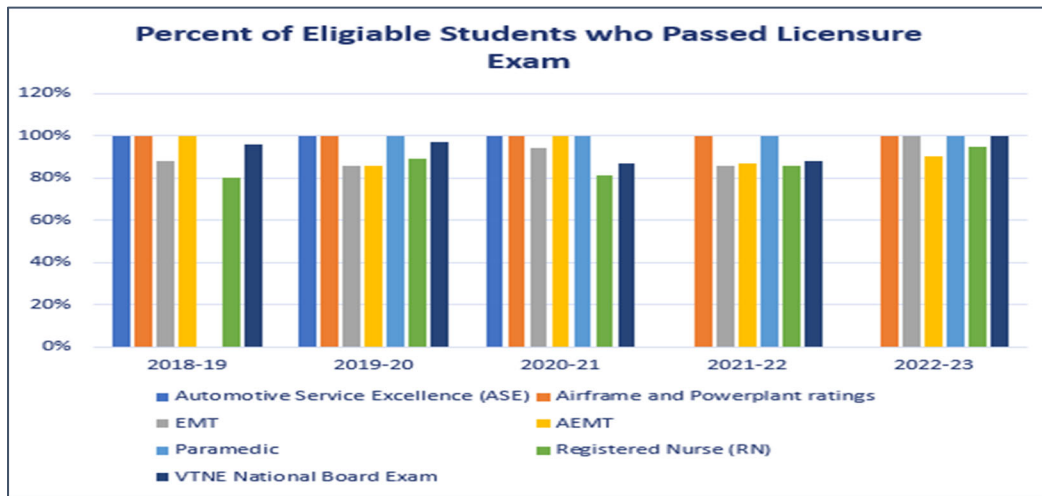
6.   Licensure

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.