

## NCCCS Data Dashboards: Using System-Wide Data to Inform Local Decisions

Performance Management Academy OSBM November 9, 2021

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## NC CC Research and Performance Management

### About Us

The primary mission of the Research and Performance Management (RPM) team is to inform sound policy and decision making by collecting, analyzing, and reporting data for the fifty-eight institutions of the North Carolina Community College System (NCCCS).

The team also supports data collection and reporting associated with the system's strategic initiatives, data sharing between state agencies, and national initiatives focused on improving student success.



#### Before 2018

- Produced .pdf reports associated with Performance Measures, Title II, Perkins, and Minority Male Initiative
- Produced Performance Measures dashboards with SAS Visual Analytics

#### 2018

NC CC

- Responsibility for official system data reporting shifted to team
- Focused on strengthening methodology for standard reports (Enrollment, FTE, Graduation, Tuition Remission) and state and federal reporting

#### 2019

- Hired a Business Intelligence Analyst to focus solely on dashboards
- Released first public facing dashboards not associated with Performance Measures

#### 2020 - 2021

- Approximately 1000 dashboards across 50 plus focus areas on the NCCCS website
- Launched Power BI to provide college access to record-level data behind a login

## **NCCCS** Dashboards

Making Data Practical and Engaging

- Publicly Available
- Ease-of-Use
- Consistent Methodology
- Interactive
- Variety of Views:
  - Point-in-Time
  - Longitudinal
  - Institutional
  - Comparisons to NCCCS, peers
  - Equity gaps
- Timely Data Updates (in-progress terms)
- Export Functionality (PDF, PPT, Data)

# NCCCS Dashboards CC Common Disaggregations

- Sex
- Race/Ethnicity
- Sex and Race/Ethnicity
- Age Group
- Sex and Age Group
- Full-Time/Part-Time
- Dual Enrollment
- Pell

- Remediation
- Employment Status
- Zip Code
- County
- County Tier
- Prosperity Zone
- Program
- Instructional Method

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REATING SUCCESS	For Colle	eges For Students	search	0
Home ≻ Analytics and Reporting				
Dashboards				
ielect a theme from the menu below to view a list of dash vill open in same browser window. Return to this page by he top left of each page.				
► Access				
<ul> <li>Student, Program, and Course Enrollment</li> </ul>				
> FTE				
State Performance Measures				
<ul> <li>Curriculum Student Progress and Success</li> </ul>				
<ul> <li>Transfer and Employment Outcomes</li> </ul>				
<ul> <li>Basic Skills/College and Career Readiness (C</li> </ul>	CR)			
<ul> <li>High School Dual Enrollment</li> </ul>				
▶ CTE Perkins V				
<ul> <li>Faculty and Staff</li> </ul>				
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	boards related to that theme. Click a title to access the interactive dashboard. Dashboards clicking the Home icon in the top right of each dashboard or by using the breadcrumbs at
→ Access	
Student, Program, and Course Enrollment	
→ FTE	
State Performance Measures	
Curriculum Student Progress and Success	
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<ul> <li>High School Dual Enrollment</li> </ul>	
▹ CTE Perkins V	
<ul> <li>Faculty and Staff</li> </ul>	

https://www.nccommunitycolleges.edu/analytics/dashboards

## NCCCS Dashboards Themes

#### Dashboards

Select a theme from the menu below to view a list of dashboards related to that theme. Click a title to access the interactive dashboard. Dashboards will open in same browser window. Return to this page by clicking the Home icon in the top right of each dashboard or by using the breadcrumbs at the top left of each page.

<ul> <li>Access</li> </ul>
Student, Program, and Course Enrollment
> FTE
State Performance Measures
Curriculum Student Progress and Success
Transfer and Employment Outcomes
Basic Skills/College and Career Readiness (CCR)
High School Dual Enrollment
CTE Perkins V
Faculty and Staff

# NCCCS Dashboards Access

<ul> <li>Access</li> </ul>
High School Dual Enrollment Rate
High School Equivalency Subsequent Postsecondary Enrollment
Postsecondary Enrollment by LEA
Postsecondary Enrollment by High School
<ul> <li>Student, Program, and Course Enrollment</li> </ul>
FTE
State Performance Measures
Curriculum Student Progress and Success
<ul> <li>Transfer and Employment Outcomes</li> </ul>
<ul> <li>Basic Skills</li> </ul>
<ul> <li>High School Dual Enrollment</li> </ul>
CTE Perkins V Performance Measures
<ul> <li>Faculty and Staff</li> </ul>

## **NCCCS** Dashboards

Student, Program, and Course Enrollment

+ Access	
<ul> <li>Student, Program, and Course Enrollment</li> </ul>	
Total Headcount	
Curriculum Headcount	
Continuing Education Headcount	
Basic Skills Headcount	
Curriculum Course Enrollments	
FTE	
State Performance Measures	
Curriculum Student Progress and Success	
Transfer and Employment Outcomes	
Basic Skills	
High School Dual Enrollment	
CTE Perkins V Performance Measures	
<ul> <li>Faculty and Staff</li> </ul>	

# NCCCS Dashboards

#### Access

Student, Program, and Course Enrollment

▼ FTE

#### Actual and Budget FTE

Total Instructional Activity

- Curriculum Instructional Activity
- Continuing Education & Basic Skills Instructional Activity
- State Performance Measures
- Curriculum Student Progress and Success
- Transfer and Employment Outcomes
- Basic Skills
- High School Dual Enrollment
- CTE Perkins V Performance Measures
- Faculty and Staff

## NCCCS Dashboards

State Performance Measures

⊁ FTE
<ul> <li>State Performance Measures</li> </ul>
State Performance Measures (PM)
Basic Skills Measurable Skill Gain Rate (PM1) - Provider Outcomes
Basic Skills Measurable Skill Gain Rate (PM1) - Peer Comparisons
Success Rate in College-Level English (PM2) - Institutional Outcomes
Success Rate in College-Level English (PM2) - Peer Comparisons
Success Rate in College-Level Math (PM3) - Institutional Outcomes
Success Rate in College-Level Math (PM3) - Peer Comparisons
First-Year Progression/Persistence (PM4) - Institutional Outcomes
First-Year Progression/Persistence (PM4) - Peer Comparisons
Curriculum Completion (PM5) - Institutional Outcomes
Curriculum Completion (PM5) - Peer Comparisons
Licensure and Certification (PM6) - Institutional Outcomes & Peer Comparisons
College Transfer Performance (PM7) - Institutional Outcomes
College Transfer Performance (PM7) - Peer Comparisons

## **NCCCS Dashboards**

**Curriculum Student Progress and Success** 

> FTE
State Performance Measures
<ul> <li>Curriculum Student Progress and Success</li> </ul>
Curriculum Grade Distributions
Curriculum Course Outcomes by Course Characteristics
Curriculum Course Outcomes by Student Demographics
O Success Rate in College-Level English (PM2) - Institutional Outcomes
O Success Rate in College-Level English (PM2) - Peer Comparisons
O Success Rate in College-Level Math (PM3) - Institutional Outcomes
O Success Rate in College-Level Math (PM3) - Peer Comparisons
O First-Year Progression/Persistence (PM4) - Institutional Outcomes
O First-Year Progression/Persistence (PM4) - Peer Comparisons
O Curriculum Completion (PM5) - Institutional Outcomes
O Curriculum Completion (PM5) - Peer Comparisons
Curriculum Credentials Awarded

### **NCCCS** Dashboards Transfer and Employment Outcomes

→ Access
<ul> <li>Student, Program, and Course Enrollment</li> </ul>
> FTE
State Performance Measures
Curriculum Student Progress and Success
<ul> <li>Transfer and Employment Outcomes</li> </ul>
O College Transfer Performance (PM7) - Institutional Outcomes
O College Transfer Performance (PM7) - Peer Comparisons
CTE Perkins V Performance Indicator 1P1: Post Program Placement – Institutional Outcomes
Basic Skills Follow-Up Outcomes
<ul> <li>Basic Skills</li> </ul>
<ul> <li>High School Dual Enrollment</li> </ul>
CTE Perkins V Performance Measures
<ul> <li>Faculty and Staff</li> </ul>

# NCCCS Dashboards Basic Skills

State Performance Measures	
Curriculum Student Progress and Success	
<ul> <li>Transfer and Employment Outcomes</li> </ul>	
O Basic Skills Headcount	
Basic Skills Retention	
Basic Skills Program Participation	
Basic Skills Pre and Posttest Practices	
O Basic Skills Measurable Skill Gain Rate (PM1) - Provider Outcomes	
O Basic Skills Measurable Skill Gain Rate (PM1) - Peer Comparisons	
O Basic Skills Follow-Up Outcomes	
O High School Equivalency Subsequent Postsecondary Enrollment	
High School Dual Enrollment	
CTE Perkins V Performance Measures	
Family and Carll	

Faculty and Staff

# NC<br/>CCNCCCS Dashboards<br/>High School Dual Enrollment

Basic Skills
<ul> <li>High School Dual Enrollment</li> </ul>
O High School Dual Enrollment Rate
Dual Enrollment Summary
Dual Enrollment Programs
Dual Enrollment Curriculum Course Outcomes
Dual Enrollment Cohort Outcomes Summary
Dual Enrollment Transfer Pathway Cohort Institutional Outcomes
Dual Enrollment Transfer Pathway Cohort Outcomes Peer Comparisons
Dual Enrollment CTE Pathway Cohort Institutional Outcomes
Dual Enrollment CTE Pathway Cohort Outcomes Peer Comparisons
Dual Enrollment CIHS Cohort Institutional Outcomes
Dual Enrollment CIHS Cohort Outcomes Peer Comparisons
CTE Perkins V Performance Measures
Faculty and Staff

# NC<br/>CCNCCCS Dashboards<br/>CTE Perkins V Performance Measures

+ Access
Student, Program, and Course Enrollment
• FTE
State Performance Measures
Curriculum Student Progress and Success
Transfer and Employment Outcomes
Basic Skills
High School Dual Enrollment
CTE Perkins V Performance Measures
CTE Perkins V Summary
O CTE Perkins V Performance Indicator 1P1: Post Program Placement – Institutional Outcomes
CTE Perkins V Performance Indicator 2P1: Earned Recognized Postsecondary Credential – Institutional Outcomes
CTE Perkins V Performance Indicator 3P1: Nontraditional Program Concentration – Institutional Outcomes
CTE Perkins V Performance Indicators – Peer Comparisons

Faculty and Staff

#### **NC CC NCCCS Dashboards** *Faculty and Staff*

<ul> <li>Access</li> </ul>
<ul> <li>Student, Program, and Course Enrollment</li> </ul>
> FTE
State Performance Measures
Curriculum Student Progress and Success
<ul> <li>Transfer and Employment Outcomes</li> </ul>
<ul> <li>Basic Skills</li> </ul>
<ul> <li>High School Dual Enrollment</li> </ul>
CTE Perkins V Performance Measures
<ul> <li>Faculty and Staff</li> </ul>
Employee Headcount
Faculty Salary Comparison (IPEDS)

## NCCCS Dashboards Dashboard Previews

#### Dashboard Release: Curriculum Program Enrollment

Ashley Sieman	← Reply	Keply All	$\rightarrow$ Forward	Ŀ
			Wed 11/3/2021 5	i:13
Dashboard Release Curriculum Program Enrollment.ics				
<ul> <li>72% of recipients have opened this mail.</li> <li>See more insights Feedback</li> </ul>				2

Good afternoon,

Dn Wednesday, November 17, 2021 at 2:00pm we will be publishing a new dashboard to our website. This dashboard provides information about curriculum enrollment by academic program.

The dashboard preview link is below:

#### **Curriculum Program Enrollment**

- · Unduplicated headcount for all program parents within a college, including disaggregation by new/returning status
- · Comparison of student headcount for selected program parents across all NC community colleges or for selected colleges
- Institutional analysis of headcount enrollment in selected program parents, including disaggregations by student demographics, student characteristics, academic characteristics, and student geographical location
- · Headcount enrollment in selected program parents by college of all students residing in a selected NC county or NC ZIP code
- · Percent change in enrollment in selected program parents by service area and ZIP code

#### Next Webinar

Dn Wednesday, November 17, 2021 at 2:00pm we will host a 60-minute webinar to demonstrate how to use this new dashboard.

Dashboard Release: Curriculum Program Enrollment

Microsoft Teams meeting

Additionally, we have recently updated our dual enrollment cohort dashboards with 2020-2021 data, and we have updated our enrollment and course-related dashboards with Summer 2021 data. Please see the full list of recently updated dashboards below.

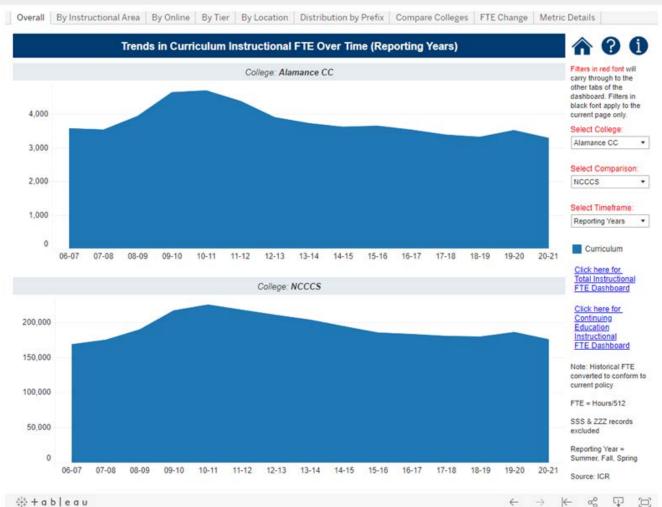
Updated with 2020-2021 data:

- Dual Enrollment Cohort Outcomes Summary
- Dual Enrollment Transfer Pathway Cohort Dashboards
  - Institutional Outcomes
  - Peer Comparisons
- Dual Enrollment CTE Pathway Cohort Dashboards
  - Institutional Outcomes
  - Peer Comparisons
- Dual Enrollment CIHS Cohort Dashboards
  - Institutional Outcomes
     Peer Comparisons

## **NCCCS** Dashboards **Comparison Views**

#### **Curriculum Instructional Activity**

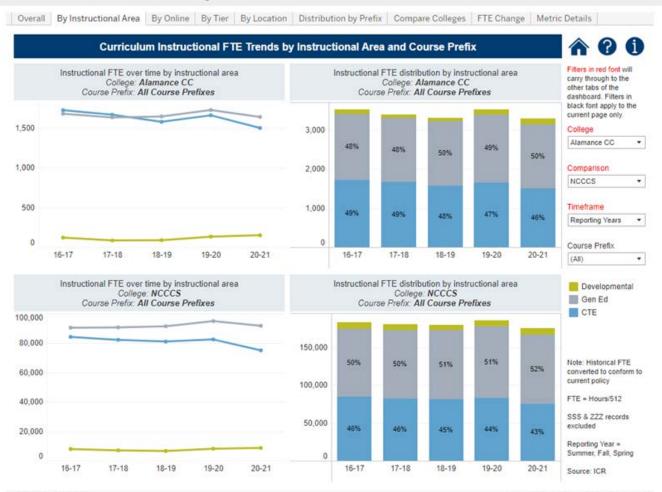
NC CC



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## **NCCCS Dashboards** *Common Disaggregations*

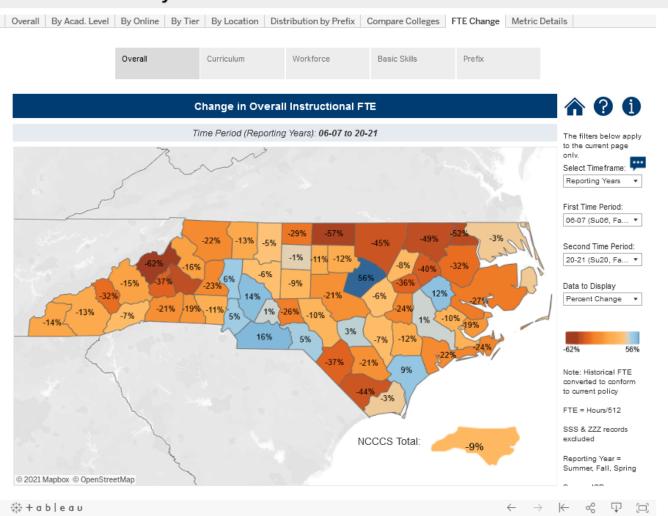
#### **Curriculum Instructional Activity**



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## NC NCCCS Dashboards Change Over Time

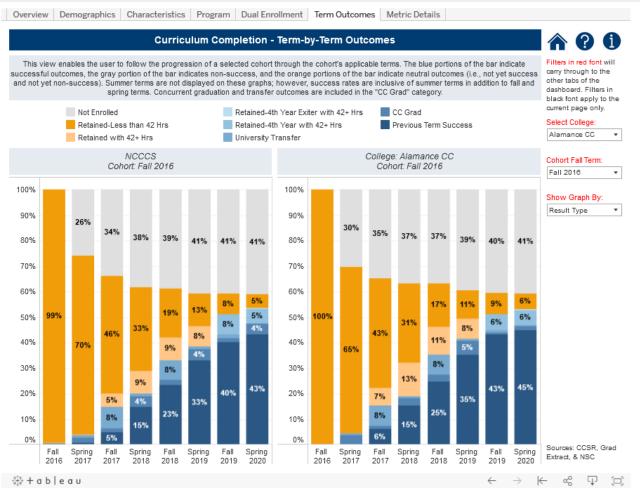
#### **Total Instructional Activity**



## NCCCS Dashboards Cohorts Over Time

NC CC

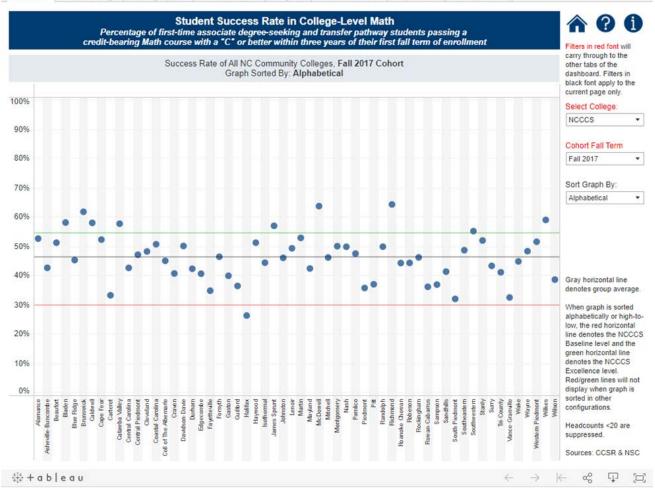
#### Curriculum Completion (PM5) - Institutional Outcomes



## NC NCCCS Dashboards Peer Analysis

#### Success Rate in College-Level Math (PM3) - Peer Comparisons

Overview Select College Demographics Characteristics Program Dual Enrollment Preparation Metric Details



## NC NCCCS Dashboards Peer Groupings

#### Success Rate in College-Level Math (PM3) - Peer Comparisons

Overview Select College Demographics Characteristics Program Dual Enrollment Preparation Metric Details

#### Student Success Rate in College-Level Math The following pages display success rates of the selected college compared to the aggregated groupings below.

If no college is selected, no peer groupings will be displayed.

In addition to the groupings below, success rates will also be displayed for NCCCS and up to 5 peer institutions.

#### **A 0 0**

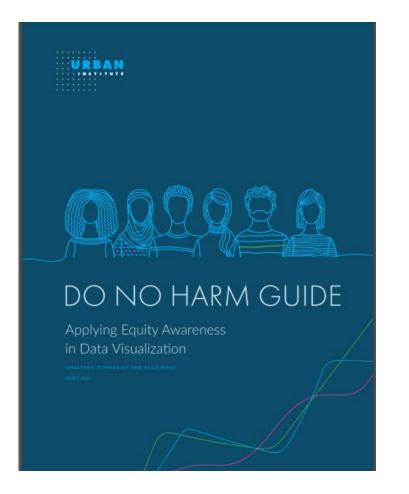
Filters in red font will carry through to the other tabs of the dashboard.

	4	lamance Peer Co	mnarison Grou	ine		Select College:	
			ompanson Grou	iha		Alamance	•
Neighboring colleges	FTE size (scale 1-10): 7	Enrollment under 18 years old: 21-30%	Minority enrollment 41-50%	Prosperity zone: Piedmont-Triad	County distress tier: 2	Cohort Fall Term	
Central Carolina	Alamance	Alamance	Alamance	Alamance	Alamance	Fall 2017	
Durham	Caldwell	Asheville-Buncombe	Central Carolina	Davidson-Davie	Caldwell		
Guilford	Coastal Carolina	Bladen	Forsyth	Forsyth	Carteret	Select Peer 1:	
Piedmont	Davidson-Davie	Blue Ridge	Lenoir	Guilford	Catawba Valley	Central Carolina	. *
Randolph	Johnston	Brunswick	Nash	Randolph	Central Carolina		
Rockingham	Sandhills	Carteret	Pamlico	Rockingham	Coastal Carolina	Select Peer 2:	
	Wayne	Craven	Pitt	Surry	Craven	Durham TCC	•
		Davidson-Davie	Vance-Granville		Davidson-Davie		
		Gaston	Wake		Forsyth	Select Peer 3:	
		Haywood	Wayne		Gaston	None	
		Johnston			Guilford		
		Nash			McDowell	Select Peer 4:	
		Rockingham			Montgomery	None	
		Rowan-Cabarrus			Pamlico		
		Stanly			Piedmont	Select Peer 5:	
		Wayne			Pitt	None	
		Western Piedmont			Randolph		
					Rowan-Cabarrus		
					Southwestern		
					Stanly		
					Tri-County		
					Vance-Granville		
					Western Piedmont		
					Wilkes		
						Sources: CCSR &	NSC

#### **NC CC NCCCS Dashboards** *Equity Gaps*

#### Success Rate in College-Level Math (PM3) - Peer Comparisons Overview Select College Demographics Characteristics Program Dual Enrollment Preparation Metric Details Overall Sex Race/Ethnicity Race/Ethnicity & Sex Age Range Sex & Age Range Peer Comparison: Student Success Rate in College-Level Math by Race/Ethnicity ?) 61 Amer. Ind./Alaskan Alamance (Fall 2017 Cohort) • Asian Black NCCCS Hawaiian/Pac. Isl. Hispanic Neighbors . . Multiple Unknown 俞 FTE size (scale 1-10): 7 White Ŵ Enrollment under 18: 21 to 30% Minority enrollment: 41 to 50% ٠ Prosperity zone: Piedmont-Triad • • County distress tier: 2 0 • . Peer 1: Central Carolina Peer 2: Durham ... • . Peer 3: None Peer 4: None Peer 5: None Headcounts <20 are suppressed. 0% 25% 50% 75% 100% Sources: CCSR & NSC ∰ + a b | e a u $\leftarrow$ $\rightarrow$

# NC<br/>CCNCCCS Dashboards<br/>Do No Harm



https://www.tableau.com/foundation/data-equity/do-no-harm

## **NCCCS Dashboards** *Metric Details*

All Programs Over Time Selected Programs By College Demo	og. Charac. Acad. Residence Compare Share Change M	etric Details
Metric	Details	
Description	Calculations/Definitions	COMMUNITY
<ul> <li>All Programs: Unduplicated headcount for all programs within a college. View can be displayed overall or disaggregated by new/returning status.</li> <li>Over Time: Unduplicated headcount over time. Views for selected and comparison colleges can be separately filtered by timeframe, new/returning status, program type, program area, and/or program parent.</li> <li>Selected Programs: List of program parents selected on previous page.</li> <li>By College: Comparison of student headcount in the selected programs across colleges.</li> <li>Demog.: Unduplicated headcount in the selected programs by demographics over time. Demographics consist of sex, race/ethnicity, race/ethnicity &amp; sex, age range, and sex &amp; age range.</li> <li>Charac.: Unduplicated headcount in the selected programs by student characteristics over time. Student characteristics consist of employment status at entry and highest</li> </ul>	Unduplicated Student Count Headcount enrollment of all students. Counts are unduplicated within a time period, within individual colleges, and within the NCCC system. New/Returning Status NCCCS New: students who are new to CU courses in NCCCS per term NCCCS Returning: students who are returning to CU courses in NCCCS per term College Service Area Colleges are mapped to service areas based on the counties from which they serve the highest proportion of students. Reporting Year Summer, Fall, Spring (e.g., Reporting Year 2018 = Summer 2017, Fall 2017, Spring 2018)	COLLEGES Data Downloads (links will open as Excel files) CU Enrollment by Program Parent (All Students) CU Enrollment by Program Parent (New Students)
education level at entry. Acad.: Unduplicated headcount in the selected programs by academic characteristics over time. Academic characteristics consist of dual enrollment status, full-time/part- time status, and proportion of online course enrollment.		<u>CU Enroliment</u> <u>by Program</u> Parent
Residence: Unduplicated headcount of all enrolled students in the selected programs by state, NC county, and NC ZIP code for a single time period. Unduplicated headcount over time of the NC counties and NC ZIP codes with the highest	Data Sources	<u>(Returning</u> <u>Students)</u>
proportions of enrollment. Compare: Unduplicated headcount across all NC community colleges in the selected programs for a single point in time, and headcount rankings of one college over time.	<b>CCSR:</b> Comprehensive Curriculum Student Report (formerly known as CRPFA)	
Share: Unduplicated headcount enrollment in the selected programs by college of all students coming from a selected NC county or NC ZIP code for a single time period and over time. Change: Percent change in enrollment in the selected programs by service area and ZIP code for a selected range of time periods.	Dashboard last updated: November 3, 2021 Reflects data through: Summer 2021 Next planned data update: February 2022	

For questions, feedback, or suggestions, email <u>rpm@nccommunitycolleges.edu</u>

### **NCCCS Dashboards** *Tips and Tricks – Data Sources*

All Programs	Over Time	Selected Programs	By College	Demog.	Charac.	Acad.	Residence	Compare	Share	Change	Metric Details
		Decerintian	N	0	NC						
		Description			U	alculations	s/Dennitio	ns		COMMUNITY	
displayed overall of Over Time: Undu, colleges can be six program area, and Selected Program By College: Com colleges. Demog.: Unduplication time. Demographi sex & age range. Charac.: Unduplication education level at Acad.: Unduplication over time. Acadent time status, and pi Residence: Undup state, NC coun headcount over time proportions of entry Compare: Undup programs for a sin Share: Unduplication and over time.	or disaggregated plicated headcour parately filtered l/or program par- ns: List of progra- parison of studer ated headcount cs consist of sex ated headcount in tic characteristic roportion of onlin plicated headcourt y, and NC ZIP c ne of the NC cou- oliment. licated headcourt gle point in time ated headcourt er rom a selected N change in enrolli	am parents selected on prev nt headcount in the selected in the selected programs by , race/ethnicity, race/ethnicit in the selected programs by consist of employment statu the selected programs by a s consist of dual enrollment se course enrollment. unt of all enrolled students in ode for a single time period. unties and NC ZIP codes wit ht across all NC community of , and headcount rankings of nrollment in the selected program	cted and compar g status, program rious page. I programs across r demographics of by & sex, age ram r student charact s at entry and hig cademic charact s at entry and hig cademic charact status, full-time/p n the selected pro Unduplicated h the highest colleges in the se one college over ograms by college r a single time po	ison i type, s s ver ge, and ge, and grams eristics part- bgrams elected t time. e of all eriod	eriod, within i <u>lew/Returnin</u> ICCCS New: ICCCS Retur erm College Servi Colleges are n ierve the high Reporting Yei Summer, Fall, Spring 2018)	ng Status students v ning: students v ning: students v napped to est propor ar Spring (e.	f all students. C colleges, and w who are new to Jents who are n service areas t tion of students g., Reporting Y Data S sive Curricu	ithin the NCC CU courses in eturning to CL pased on the c s. ear 2018 = Su ources lum Studer st updated s data thro	C system. n NCCCS J counties fro immer 201 it Report t Report <b>: Noverr</b> <b>bugh: St</b>	per term in NCCCS pe om which the 17, Fall 2017, t (formerly nber 3, 20 ummer 20	y CU Enrollment by Program Parent (All Students) CU Enrollment by Program Parent (New Students) CU Enrollment by Program Parent (Returning Students)

For questions, feedback, or suggestions, email rpm@nccommunitycolleges.edu

## NCCCS Dashboards Data Recency

All Programs Over Time Selected Programs By College Demo	g. Charac. Acad. Residence Compare Share Change M	etric Details
Metric	Details	NC
Description	Calculations/Definitions	COMMUNITY
<ul> <li>All Programs: Unduplicated headcount for all programs within a college. View can be displayed overall or disaggregated by new/returning status.</li> <li>Over Time: Unduplicated headcount over time. Views for selected and comparison colleges can be separately filtered by timeframe, new/returning status, program type, program area, and/or program parent.</li> <li>Selected Programs: List of program parents selected on previous page.</li> <li>By College: Comparison of student headcount in the selected programs across colleges.</li> <li>Demog.: Unduplicated headcount in the selected programs by demographics over time. Demographics consist of sex, race/ethnicity, race/ethnicity &amp; sex, age range, and sex &amp; age range.</li> <li>Charac.: Unduplicated headcount in the selected programs by student characteristics over time. Student characteristics consist of employment status at entry and highest education level at entry.</li> <li>Acad.: Unduplicated headcount in the selected programs by academic characteristics</li> </ul>	Unduplicated Student Count Headcount enrollment of all students. Counts are unduplicated within a time period, within individual colleges, and within the NCCC system. New/Returning Status NCCCS New: students who are new to CU courses in NCCCS per term NCCCS Returning: students who are returning to CU courses in NCCCS per term College Service Area Colleges are mapped to service areas based on the counties from which they serve the highest proportion of students. Reporting Year Summer, Fall, Spring (e.g., Reporting Year 2018 = Summer 2017, Fall 2017, Spring 2018)	CUEnrollment (New Students)
over time. Academic characteristics consist of dual enrollment status, full-time/part- time status, and proportion of online course enrollment. Residence: Unduplicated headcount of all enrolled students in the selected programs by state, NC county, and NC ZIP code for a single time period. Unduplicated headcount over time of the NC counties and NC ZIP codes with the highest proportions of enrollment. Compare: Unduplicated headcount across all NC community colleges in the selected programs for a single point in time, and headcount rankings of one college over time. Share: Unduplicated headcount enrollment in the selected programs by college of all students coming from a selected NC county or NC ZIP code for a single time period and over time. Change: Percent change in enrollment in the selected programs by service area and ZIP code for a selected range of time periods.	Data Sources CCSR: Comprehensive Curriculum Student Report (formerly known as CRPFA) Dashboard last updated: November 3, 2021 Reflects data through: Summer 2021 Next planned data update: February 2022	by Program Parent (Returning Students)

For questions, feedback, or suggestions, email rpm@nccommunitycolleges.edu

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## **NCCCS Dashboards** *Data Downloads*

All Programs Over Time	Selected Programs	By College	Demog.	Charac.	Acad.	Residence	Compare	Share	Change	Metric Details	
	Metric Details										
	Description			COMMUNITY							
All Programs: Unduplicated head displayed overall or disaggregated Over Time: Unduplicated headco colleges can be separately filtered program area, and/or program pai Selected Programs: List of progr By College: Comparison of stude colleges. Demog:: Unduplicated headcount time. Demographics consist of se: sex & age range. Charac.: Unduplicated headcount in over time. Student characteristics education level at entry. Acad.: Unduplicated headcount in over time. Academic characteristics time status, and proportion of onli Residence: Unduplicated headcou by state, NC county, and NC ZIP of headcount over time of the NC co proportions of enrollment. Compare: Unduplicated headcout programs for a single point in time Share: Unduplicated headcout and over time.	d by new/returning status.	cted and comparing status, programs rious page. I programs across r demographics o by & sex, age rang r student character s at entry and hig cademic character unduplicated h the highest colleges in the see one college over ograms by college or a single time per	ison itype, NN type, NN te s ver ge, and S eristics whest eristics part- ograms elected time. s of all eriod	eriod, within i lew/Returnin ICCCS New: ICCCS Retur erm college Servi colleges are n erve the high teporting Yea ummer, Fall, pring 2018)	ndividual of ndividual of g <u>Status</u> students v ning: stuce ce <u>Area</u> happed to est propor <u>Ar</u> Spring (e. prehen RPFA)	f all students. C colleges, and w who are new to Jents who are n service areas t tion of students g., Reporting Y Data S sive Curricu	rithin the NCC CU courses in eturning to CL based on the c based o	C system. I NCCCS ( counties from immer 201 it Report : Noverr bugh: Su	per term n NCCCS pe om which the 7, Fall 2017, t (formerly t <b>ber 3, 20</b> <b>ummer 20</b>	y Data Download (links will open as Excel files) CU Enrollment by Program Parent (All Students) CU Enrollment by Program Parent (New Students) CU Enrollment by Program Parent (Returning Students)	

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### NCCCS Dashboards Download PPT, PDF, Image

Metric Do	
Description	Calculations/Definitions
displayed overall or disaggregated by new/returning status. Over Time: Unduplicated headcount over time. Views for selected and comparison colleges can be separately filtered by timeframe, new/returning status, program type, program area, and/or program parent. Selected Programs: List of program parents selected on previous page. By College: Comparison of student headcount in the selected programs across colleges. Demog:: Unduplicated headcount in the selected programs by demographics over time. Demographics consist of sex, race/ethnicity, race/ethnicity & sex, age range, and sex & age range. Charac.: Unduplicated headcount in the selected programs by student characteristics over time. Student characteristics consist of employment status at entry and highest education level at entry. Acad.: Unduplicated headcount in the selected programs by academic characteristics over time. Academic characteristics consist of dual enrollment status, full-time/part- time status, and proportion of online course enrollment. Residence: Unduplicated headcount of all enrolled students in the selected programs by state, NC county, and NC ZIP code for a single time period. Unduplicated headcount over time of the NC counties and NC ZIP codes with the highest proportions of enrollment.	Unduplicated Student Count Headcount enrollment of all students. Counts are unduplicated within a time period, within individual colleges, and within the NCCC system.       Data Download (inks will open as Excel files)         New/Returning Status NCCCS New: students who are new to CU courses in NCCCS per term NCCCS Returning: students who are returning to CU courses in NCCCS per term       Data Download (inks will open as Excel files)         College Service Area Colleges are mapped to service areas based on the counties from which they serve the highest proportion of students.       CU Enrollment by Program. Parent. (All Students)         Reporting Year Summer, Fall, Spring (e.g., Reporting Year 2018 = Summer 2017, Fall 2017, Spring 2018)       CU Enrollment by Program. Parent. (New Students)         Data Sources       CU Enrollment by Program. Parent. (New Students)         CCSR: Comprehensive Curriculum Student Report (formerly known as CRPFA)       CU Enrollment by Program. Parent. (Returning, Students)         Dashboard last updated: November 3, 2021 Reflects data through: Summer 2021       Summer 2021

For questions, feedback, or suggestions, email rpm@nccommunitycolleges.edu

## NCCCS Dashboards Download PPT, PDF, Image

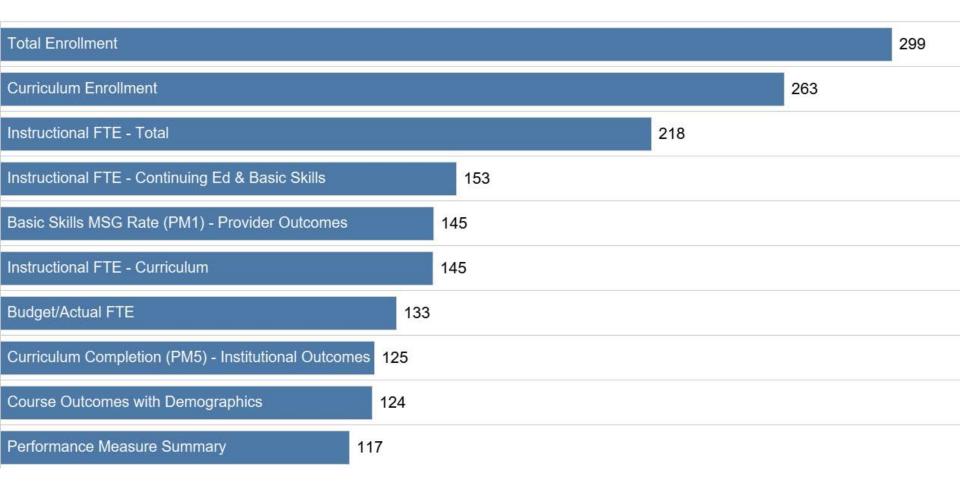
All Programs Over Time Selected Programs By Colleg	ge Demo	og. Charac. Acad. Res	sidence Compare Share Change N	letric Details					
	Metric Details								
Description		Calcu							
All Programs: Unduplicated headcount for all programs within a college. V displayed overall or disaggregated by new/returning status. Over Time: Unduplicated headcount over time. Views for selected and con colleges can be separately filtered by timeframe, new/returning status, prog program area, and/or program parent.	nparison	Unduplicated Student Count Headcount enrollment of all st period, within individual college New/Returning Status NCCCS New: students who at	Data Downloads (links will open as Excel files)						
Selected Programs: List of program parents selected on previous page By College: Comparison of student headcount in the selected programs colleges.	Download	NCCCS Returning: students	who are returning to CU courses in NCCCS per	CU Enrollment by Program Parent					
Demog.: Unduplicated headcount in the selected programs by demographics. Demographics consist of sex, race/ethnicity, race/ethnicity & sex, a sex & age range.	Select you	ur file format. Image Data	udents. rting Year 2018 = Summer 2017, Fall 2017,	(All Students) CU Enrollment by Program					
Charac.: Unduplicated headcount in the selected programs by student c over time. Student characteristics consist of employment status at entry - education level at entry.		Crosstab		Parent (New Students)					
Acad.: Unduplicated headcount in the selected programs by academic c over time. Academic characteristics consist of dual enrollment status, full time status, and proportion of online course enrollment.		PDF PowerPoint		CU Enrollment by Program Parent					
Residence: Unduplicated headcount of all enrolled students in the selec by state, NC county, and NC ZIP code for a single time period. Unduplica headcount over time of the NC counties and NC ZIP codes with the high proportions of enrollment.		Tableau Workbook Get the App	Ita Sources	( <u>Returning</u> <u>Students)</u>					
Compare: Unduplicated headcount across all NC community colleges in the programs for a single point in time, and headcount rankings of one college		KHUWH as UKERA)	iniculum Student Report (Iomieny						
Share: Unduplicated headcount enrollment in the selected programs by co students coming from a selected NC county or NC ZIP code for a single tim and over time. Change: Percent change in enrollment in the selected programs by service ZIP code for a selected range of time periods.	ne period	Dashbo Next							

For questions, feedback, or suggestions, email <a href="mailto:rpm@nccommunitycolleges.edu">rpm@nccommunitycolleges.edu</a>

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## NC NCCCS Public-Facing Dashboards Usage Metrics

Average Dashboard Views Per Week (Public-Facing Dashboards)



# NC Power BI – New for 2021!

- Access Controlled
- Ease-of-Use
- Consistent Methodology
- Interactive
- Timely Data Updates (In-Progress Terms)
- Detailed Data Views
  - Local ID
  - Unsuppressed Data
  - Drill through Capabilities
- Focused Report Views
- Export Functionality (Data)

## **Power BI - Summary Reports**

III Power BI NCCCS SO - Stat		Performance Measure Overview   Data upo	, O. Search Q							
NCCCS SO – State Performance Measures	File ∨ → Export ∨		NCCCS Performance Measure Overview							
Performance Measure Overv  Overview	College Nm	Performance Measure	2019	Report Year 2020	2021					
Reference Levels Metric Details		Basic Skills Measurable Skill Gain Rate (PM1)	47.9%	46.0%	49.3%	Below Baseline Above Baseline, Below Average				
Basic Skills Measurable Skill 🗸 Success Rate in College-Leve 🗸		Success Rate in College-Level English (PM2)	72.7%	69.2%	70.4%	Above Average, Below Excellence Met or Exceeded Excellence				
Success Rate in College-Leve… ∨ First-Year Progression and P… ∨		Success Rate in College-Level Math (PM3)	43.6%	44.6%	50.7%	Note: Colors on the table to the left represent the NCCCS benchmarks in that year.				
Curriculum Completion (PM5) V		First-Year Progression and Persistence (PM4)	64.4%	67.4%	67.9%					
Licensure and Certification ( $\checkmark$ College Transfer Performanc $\checkmark$		Curriculum Completion (PM5)	49.7%	53.6%	55.9%	Click here for comparison of NCCCS college results				
NCCCS Public-Facing Dashboards		Licensure and Certification (PM6)	1.13	1.10	1.00					
		College Transfer Performance (PM7)	84.3%	86.1%	86.1%					

NC CC

### **Power BI – Customizable Reports**

Keset to default     Keset to default     Filters Hidd     Seset to default     Filters     Seset to default     Filters     Fi	Jen Matrix ✓ □ View ✓ 🕚 📮
Student Success Rate in College-Level English (PM2)	() Open Acicur
NCCCS SO – State       Percentage of first-time associate degree-seeking and transfer pathway students passing a credit-bearing         Performance Measures       English course with a "C" or better within three years of their first fall term of enrollment	Active Filters:
Performance Measure Over  College Nm Cohort Fall Term Denominator Did Not Attempted Success Success Rate Co	ollege Nm: Coastal Carolina CC
Overview PM2 Attempt Did Not PM2 PM2 PM2 Pass PM2	•
Reference Levels E Fall 2012 860 204 103 553 64.3%	
Fall 2013 902 163 132 607 67.3%	
Metric Details         Fall 2014         823         154         116         553         67.2%	
Fall 2015         848         127         105         616         72.6%           Basic Skills Measurable Skill ^         Fill 2015         848         127         105         616         72.6%	
Fall 2016 856 154 110 592 69.2%	
Instructions         Fall 2017         910         137         132         641         70.4%	
Fall 2018 In Progress         885         128         124         633         71.5%	
Customizable Report Fall 2019 In Progress 1,017 242 120 655 64.4%	
Fall 2020 In Progress         879         415         96         368         41.9%           Detailed Data         Total         7 980         1 724         1 038         5 218         65 4%	
Metric Details         Total         7,980         1,724         1,038         5,218         65,4%	
Success Rate in College-Lev 🔨	
Instructions	
Customizable Report	
Detailed Data	
Metric Details	
	Vhen displaying data across multiple s. the Grand Total is a duplicated total.
First-Year Progression and 🔨	ts who attend multiple colleges are d for each college attended.
Instructions	
C Go back	CCSR & NSC

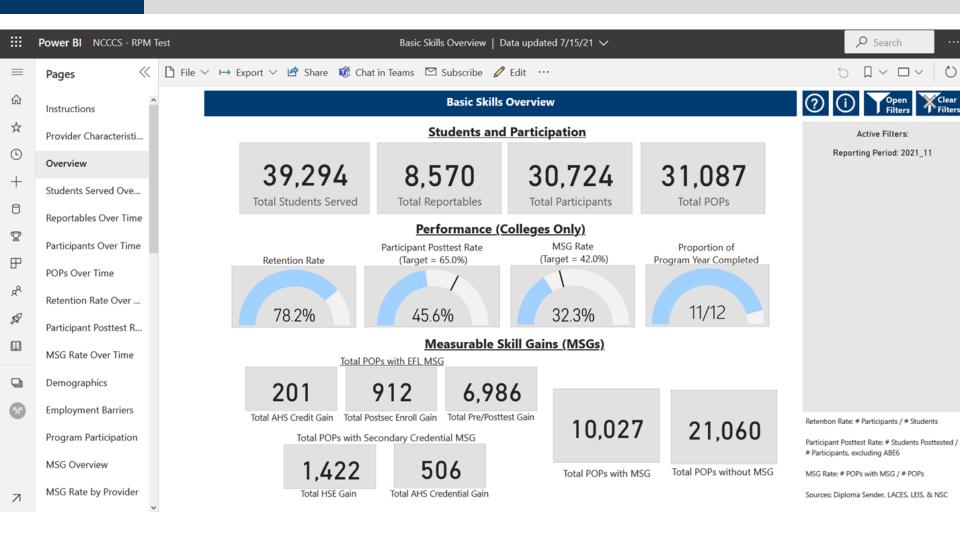
### **Power BI – Customizable Reports**

Power BI NCCCS SO – State Perfo	ormance Measures		Success Rate in Co	ollege-Level English (PM2)	Data upd	lated 6/11/21 🗸		O Search	⊃ @ ¥ ?
🔍 🗋 Fi	ile ∽ → Export ∽ 📫 Chat in	Teams 🖾 Subscribe 😶					Reset to defau	ult 📕 Filters Shown Matrix 🛩	🗆 View 🗸 🜔 🟳
P		Stu							Close Filters
NCCCS SO – State Performance Measures		Percentage of first-tin English cours							
				General		Demographi	<u>c</u>	Characte	ristics
Performance Measure Over	College Nm	Cohort Fall Term	College Nm			Sex		FT PT Status	
Overview					$\sim$	All	$\sim$	AJI	$\sim$
Reference Levels	8	Fall 2012	Cohort Fall Terr	n		Race Ethnicity		Pell Status	
		Fall 2013	All		$\sim$	All	$\sim$	All	$\sim$
Metric Details		Fall 2014 Fall 2015				Age Range			
Basic Skills Measurable Skill 🔨		Fall 2016		Academics		All	~		
Instructions		Fall 2017	Program Type D	Desc					
Customizable Report		Fall 2018 In Progres Fall 2019 In Progres	All		$\sim$				
		Fall 2020 In Progre	Program Area D	Desc		Dual Enrollmo	ant		
Detailed Data		Total	All		~	Dual Enrollment Status			
Metric Details	Total		Program Parent	New and Od		All	$\sim$		
Success Rate in College-Lev A			2	thin and Cu		Dual Enrollment Type			
			All		~	All	$\sim$		
Instructions			Program Nm an	id Cd		Dual Enrollment Pathway			
Customizable Report			All		$\sim$	All	~		
Detailed Data			Degree Pursued	d Desc					
Metric Details			All		$\sim$				
			ENG Enrollment	t First Fall					
Success Rate in College-Lev ~			All		$\sim$				
First-Year Progression and 🔨									
Instructions		d						K. SAMADAT	
6 Caleady								Source: CCSR & NSC	

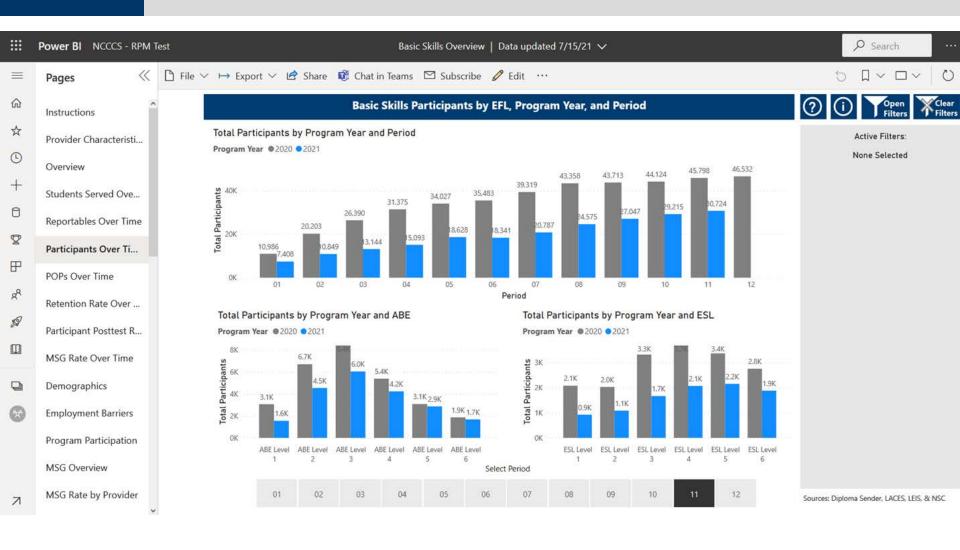
## **Power BI – Drill Through Capability**

III Power BI NCCCS SO – State P	Performance Measures	Succ	ess Rate in College-Levi	el English (P	M2)   Data upda	ated 6/1	11/21 🗸			ρ Search Ω	© 1	?
« D	] File ~ → Export ~ 🧌 Chat in Tear	ms 🖾 Subscribe \cdots						🖯 Reset to	default 📘 Fil	ters Hidden Matrix 🗡	🗆 View 🗸 (	0 1
F			Success Rate in C							$\bigcirc$ $\bigcirc$ $\bigcirc$	Open	Clear
NCCCS SO – State Performance Measures		Percentage of first-time asso English course with c	ciate degree-seeking ar 1 °C° or better within ti					7			Filters	T Filters
								$\land \downarrow \sqcup \land$	0.100	Activ	e Filters:	
Performance Measure Over	College Nm	Cohort Fall Term		Did Not	Attempted S Did Not P	uccess M2	Success Rate PM2			College Nm: Co	oastal Carolin	na CC
Overview				Attempt PM2	Pass PM2	IVIZ	PIVIZ			Cohort Fall Te	erm: Fall 202 ogress	0 In
Reference Levels	B	Fall 2020 In Progress	879	415	QA Show as a table	36					gress	
Metric Details	Total	Total	879 879	4	Include	361						
Basic Skills Measurable Skill 🔨					Exclude Drill through	. 6	P.1.1.0.					
Instructions							Detailed Data - Did					
Customizable Report							1	Detailed Data - Did Not Attemp	ot			
Detailed Data												
Metric Details												
Success Rate in College-Lev A												
Instructions												
Customizable Report												
Detailed Data												
Metric Details												
Success Rate in College-Lev 🗸										Note: When displaying		
First-Year Progression and 🔨										colleges, the Grand Tot Students who attend m	ultiple colleges	
Instructions										counted for each colleg	ge attended.	
← Go back										Source: CCSR & NSC		

## **Power BI – Federal Performance Monitoring**



## **Power BI – Federal Performance Monitoring**

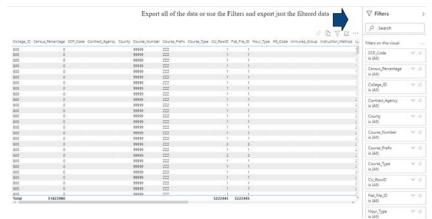


## **Power BI – Federal Performance Monitoring**



## **Power BI Delivery Strategies**

#### Just the Data



#### **Detailed Reports**



#### <u>Hybrid</u>

NCCCS - State Performance Measures	Student Success Rate in College-Level English (PM2) Percentage of first-time associate degree-seeking and transfer pathway students passing a credit-bearing English cause with a "C or better within three years of ther dirst latter mod enrolliment										() () Open Filters
measures								and the second	↑↓ⅡⅠ	08	Active Filters:
Performance Measure Overv 🗸	College Nm	Cohort Fall Term	Denominator PM2	Did Not Attempt	Attempted Did Not	Success PM2	Success Rate PM2				College Nm: Lizard Lick CC
Basic Skills Measurable Skill 🗸				PM2	Pass PM2						
Success Rate in College-Lev	Lizard Lick CC		2,700			1,470	54.4%				
access hate in college-cev A		Fall 2013	2,400			1,267	52.8%				
Instructions		Fall 2014	2,275			1,313	57.7%				
		Fall 2015	2,228			1,364	61.2%				
Customizable Report Detailed Data		Fall 2016	2,730		370	1,693	62.0%				
		Fall 2017	2,292			1,412	61.6% 62.1%				
		Fall 2018 In Progress	3.443		447	1,4/1	50.2%				
Metric Details		Fall 2019 In Progress Fall 2020 In Progress	2,940		44/	1.075	36.6%				
		Total	23,378		3,105	12,794	54.7%				
Success Rate in College-Lev 🗸	Total	Total	23,378			12,794					
First-Year Progression and P_ 🗸 🗸											
Curriculum Completion (PM5) 🗸											
Licensure and Certification ( $$											
College Transfer Performanc 🗸											
NCCCS Public-Facing Dashboards											



## Contact us at

rpm@nccommunitycolleges.edu



## NCCCS Data Dashboards: Using System-Wide Data to Inform Local Decisions

Performance Management Academy OSBM November 9, 2021

**Dr. Ashley Sieman** 

Director of Analytics and Reporting Research and Performance Management North Carolina Community College System Office