

# NC

COMMUNITY  
COLLEGES

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CREATING SUCCESS

**2022** PERFORMANCE  
MEASURES **for**  
STUDENT SUCCESS



**2022 PERFORMANCE MEASURES for STUDENT SUCCESS**

August 2022

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More detailed analysis for each of these measures can be accessed at:

<https://www.nccommunitycolleges.edu/analytics/dashboards/state-performance-measures-pm>

# Introduction

## Performance Measures

The Performance Measures for Student Success Report is the North Carolina Community College System’s major accountability document. This annual performance report is based on data compiled during the previous year and serves to inform colleges and the public on the performance of our 58 community colleges.

In 1993, the State Board of Community Colleges began monitoring performance data on specific measures to ensure public accountability for programs and services. In 1998, the General Assembly directed the State Board to review past performance measures and define standards to ensure programs and services offered by community colleges in North Carolina were of sufficient quality.

In 2010, a review process was established to ensure the measures and methods for evaluating colleges were current and remained focused on improving student success. Every three years, a committee that is inclusive of college leaders; subject matter experts; and research and assessment professionals are appointed to review the measures and recommend deletions, revisions, and additions. Recommendations from the most recent review were approved in 2021 and this is the first report reflecting those changes.

The current list of measures includes:

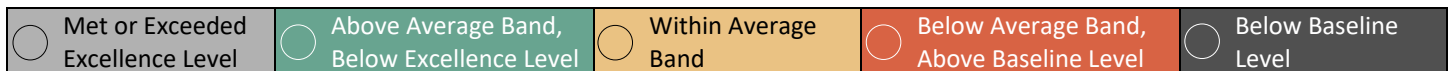
- Basic Skills Student Progress
- Student Success Rate in College-Level English Courses
- Student Success Rate in College-Level Math Courses
- First Year Progression
- Curriculum Student Completion
- Licensure and Certification Passing Rate
- College Transfer Performance

## Baselines and Excellence Levels

The outcomes funding model associated with the performance measures was implemented in 2013. A major component of this model is the establishment of system-wide baseline and excellence levels for each measure. These statistically defined levels were developed to provide consistency and promote transparency, simplicity, and objectivity.

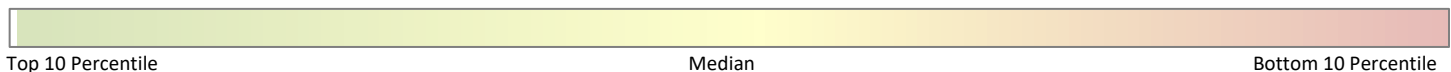
Baseline levels are set two standard deviations below the system’s average index score and excellence levels are set one standard deviation above the system’s average index scores. The average band is within 0.5 standard deviations above or below the average index score.

The performance summary on the following page provides each college with an overview of its results as compared to college results across the state. Color indicators represent various levels of performance within each measure:



## Color Gradients

To help colleges identify potential areas of strengths and weaknesses, some color gradients are included in this report. Colors are based on differences between colleges within categories for each measure. For the color gradients, green represents higher outcomes while red represents lower outcomes. The color scale is below.



## Additional Analysis and Insights

This report is designed to provide colleges and stakeholders with summary results related to the performance measures. Additional analysis and insights based on student characteristics, including race/ethnicity and gender, can be accessed at: <https://www.nccommunitycolleges.edu/analytics/dashboards/state-performance-measures-pm>.

# Performance Summary

Met or Exceeded Excellence Level													
Above Avg Band, Below Excellence													
Within Average Band	Basic Skills Progress	Credit English Success	Credit Math Success	First Year Progression	Curriculum Completion Rate	Licensure Pass Rate Index	Transfer Performance						
Below Avg Band, Above Baseline Level													
Below Baseline Level													
System Excellence Level	1.348	1.147	1.192	1.069	1.094	1.073	1.024						
Average Band Max	1.171	1.081	1.104	1.036	1.054	1.027	1.007						
System Mean	0.993	1.014	1.016	1.003	1.014	0.982	0.990						
Average Band Min	0.816	0.947	0.927	0.970	0.973	0.937	0.973						
System Baseline	0.283	0.747	0.662	0.872	0.853	0.800	0.922						
Alamance CC	1.349	1.096	1.165	0.898	0.861	1.010	1.011	1	3	1	2	2	0
Asheville-Buncombe TCC	0.937	0.830	0.906	0.838	0.835	1.150	1.002	1	0	2	2	2	2
Beaufort County CC	0.766	0.978	1.214	1.105	0.968	0.947	0.986	2	0	3	2	0	0
Bladen CC	1.132	1.091	1.326	1.011	0.976	0.787	0.979	1	1	4	0	1	1
Blue Ridge CC	1.107	0.917	0.997	0.991	1.053	1.081	1.014	1	1	4	1	0	0
Brunswick CC	1.609	1.221	1.331	1.022	1.063	1.017	1.005	3	1	3	0	0	0
Caldwell CC & TI	1.151	0.989	1.216	0.945	0.976	1.092	0.988	2	0	4	1	0	0
Cape Fear CC	1.127	0.977	1.117	1.019	1.000	1.070	0.992	0	2	5	0	0	0
Carteret CC	1.237	0.867	0.740	0.995	1.108	1.107	0.885	2	1	1	2	1	1
Catawba Valley CC	0.871	1.190	1.223	1.076	1.065	1.032	1.017	3	3	1	0	0	0
Central Carolina CC	1.036	0.889	0.917	0.967	1.020	0.977	1.031	1	0	3	3	0	0
Central Piedmont CC	0.799	1.064	1.059	1.030	0.928	1.109	1.030	2	0	3	2	0	0
Cleveland CC	1.833	0.967	1.065	1.074	1.095	1.029	0.969	3	1	2	1	0	0
Coastal Carolina CC	1.675	1.170	1.224	1.041	1.105	1.046	1.001	4	2	1	0	0	0
College of the Albemarle	0.899	1.161	1.050	0.992	1.084	1.093	0.988	2	1	4	0	0	0
Craven CC	1.261	0.991	0.985	1.073	1.085	1.027	0.969	1	3	2	1	0	0
Davidson-Davie CC	1.215	1.097	1.140	1.041	1.168	1.035	1.010	1	6	0	0	0	0
Durham TCC	0.342	0.935	0.948	0.947	0.858	1.114	1.002	1	0	2	4	0	0
Edgecombe CC	1.868	1.192	0.820	0.933	1.018	0.781	0.997	2	0	2	2	1	1
Fayetteville TCC	0.999	0.934	0.789	0.898	1.009	0.973	0.973	0	0	4	3	0	0
Forsyth TCC	0.600	1.045	1.091	0.984	1.028	0.985	0.973	0	0	6	1	0	0
Gaston College	0.720	0.998	0.895	1.069	1.012	1.017	0.966	1	0	3	3	0	0
Guilford TCC	0.850	0.925	0.906	0.995	1.015	0.971	0.977	0	0	5	2	0	0
Halifax CC	0.603	1.083	0.491	1.098	1.096	0.810	0.995	2	1	1	2	1	1
Haywood CC	1.447	1.048	1.062	0.991	1.170	0.966	0.964	2	0	4	1	0	0
Isothermal CC	0.673	1.100	0.849	1.065	1.103	1.069	0.987	1	3	1	2	0	0
James Sprunt CC	0.307	1.100	1.236	1.068	1.035	0.828	0.911	1	2	1	2	1	1
Johnston CC	0.865	0.971	1.041	1.010	1.050	1.028	1.046	1	1	5	0	0	0
Lenoir CC	1.313	1.028	1.190	0.885	0.950	1.022	0.983	0	2	3	2	0	0
Martin CC	0.463	0.919	1.069	0.929	1.048	0.888	1.043	1	0	2	4	0	0
Mayland CC	1.281	0.658	0.858	1.024	0.908	1.035	0.972	0	2	1	3	1	1
McDowell TCC	0.912	1.147	0.890	1.017	0.972	1.024	0.945	1	0	3	3	0	0
Mitchell CC	1.278	0.914	0.860	1.018	1.056	0.985	1.007	0	3	2	2	0	0
Montgomery CC	0.502	0.852	1.014	0.995	1.113	0.851	1.076	2	0	2	3	0	0
Nash CC	0.949	0.768	1.133	0.993	0.865	0.949	1.022	0	2	3	2	0	0
Pamlico CC	0.569	1.096	1.159	0.844	1.034	0.939	0.906	0	2	2	1	2	2
Piedmont CC	0.375	1.137	0.751	1.003	0.838	1.115	0.936	1	1	1	3	1	1
Pitt CC	1.300	0.901	0.892	1.021	0.933	0.916	0.983	0	1	2	4	0	0
Randolph CC	1.184	1.083	0.963	0.920	0.966	0.931	1.008	0	3	1	3	0	0
Richmond CC	0.595	1.089	1.283	0.982	1.071	0.978	0.987	1	2	3	1	0	0
Roanoke-Chowan CC	0.543	1.305	1.190	1.130	1.031	0.902	0.966	2	1	1	3	0	0
Robeson CC	0.779	0.897	0.984	0.952	0.947	0.938	0.973	0	0	3	4	0	0
Rockingham CC	0.800	0.933	0.966	0.908	0.953	1.007	0.988	0	0	3	4	0	0
Rowan-Cabarrus CC	1.104	0.935	0.767	0.975	1.026	0.911	1.014	0	1	3	3	0	0
Sampson CC	1.445	1.103	0.987	1.091	1.085	0.829	1.012	2	3	1	1	0	0
Sandhills CC	0.942	0.973	0.934	1.100	1.023	0.886	1.004	1	0	5	1	0	0
South Piedmont CC	1.181	0.716	0.692	0.975	0.999	0.787	1.027	1	1	2	1	2	2
Southeastern CC	0.667	1.017	1.093	1.020	1.103	0.955	1.012	1	1	4	1	0	0
Southwestern CC	0.660	1.067	1.141	0.973	0.967	1.005	0.934	0	1	3	3	0	0
Stanly CC	0.846	1.003	1.183	1.090	1.093	0.968	1.003	1	2	4	0	0	0
Surry CC	1.238	0.935	0.943	0.953	0.935	1.038	1.014	0	3	1	3	0	0
Tri-County CC	1.171	1.254	0.994	1.110	0.899	1.069	0.977	2	2	2	1	0	0
Vance-Granville CC	1.000	0.931	0.706	1.063	1.022	0.924	1.006	0	1	3	3	0	0
Wake TCC	1.134	0.977	0.969	1.033	0.986	1.038	1.034	1	1	5	0	0	0
Wayne CC	0.961	1.144	0.998	1.021	1.160	1.004	0.982	1	1	5	0	0	0
Western Piedmont CC	1.213	1.293	1.270	1.012	1.056	1.076	1.009	3	3	1	0	0	0
Wilkes CC	1.247	1.073	1.265	0.955	0.971	0.987	0.990	1	1	3	2	0	0
Wilson CC	0.678	0.828	0.960	1.015	0.991	0.848	0.955	0	0	3	4	0	0

# 1. Basic Skills Student Progress

## Purpose

To ensure individuals with low literacy skills are progressing academically toward credential or employment

## Description

Index score based on the percentage of Basic Skills periods of participation (POP) with a measurable skill gain (MSG).

## Calculation

### *Success Rate*

Denominator: Number of Periods of Participation (PoP) during the Basic Skills program year (July 1 to June 30). A PoP begins each time a student enrolls in adult education, accumulates at least 12 contact hours, and then exits the program. Subsequent periods occur when a student re-enters the program after 90 days have lapsed since the person last received services and accumulates 12 or more contact hours. If there is no exit, the PoP continues to the next program year.

Numerator: Based on the denominator, number of periods of participation in which at least one measurable skill gain was achieved. Participants can demonstrate MSG in five ways:

- Pre and Post testing: The student scores high enough on an NRS approved posttest to place into a higher educational functioning level than indicated by the student's pretest.
- Adult High School Credits: The student enters an Adult High School (AHS) program with less than 75% of the required AHS credits and obtained enough AHS credits to exceed the 75% threshold prior to the end of the program year (June 30)
- Post-Secondary Enrollment: The student exits the program and subsequently enrolls in post-secondary education prior to the end of the program year (June 30). Post-secondary enrollment is verified by data matching to the National Student Clearinghouse and the NCCCS Data Warehouse.
- High School Equivalency Test Graduate: The student achieves a passing score on State-approved high school equivalency tests (GED, HiSet, or TASC) prior to the end of the program year (June 30). Credit is given based on matching student records to a passers database populated by the test vendors. Matching occurs based on an exact match of first name, last name and date of birth and/or the HSEID.
- Adult High School Graduate: The student completes the requirements of the Adult High School program and is issued an adult high school diploma prior to the end of the program year (June 30).

### *Index Score*

College success rate divided by the systemwide success rate

## Data Sources

LEIS annual data file

Comprehensive Curriculum Student Report

Continuing Education data file

**TABLE 1. BASIC SKILLS STUDENT PROGRESS, 2020-2021**

Index score based on the percentage of Basic Skills periods of participation (POP) with a measurable skill gain (MSG).

Excellence: 1.348  
 Avg Band Max: 1.171  
 Avg Band Min: 0.816  
 Baseline: 0.283

	POPs	SUCCESS RATE	INDEX SCORE			
			20-21	19-20	18-19	17-18
<b>System Totals</b>	<b>30,741</b>	<b>36.8%</b>				
Alamance CC	827	49.7%	1.349	1.253	1.152	1.014
Asheville-Buncombe TC	756	34.5%	0.937	0.845	0.941	0.903
Beaufort County CC	216	28.2%	0.766	0.742	0.956	0.980
Bladen CC	151	41.7%	1.132	0.911	0.973	0.760
Blue Ridge CC	321	40.8%	1.107	1.176	1.096	1.009
Brunswick CC	248	59.3%	1.609	1.405	1.226	1.183
Caldwell CC & TI	316	42.4%	1.151	1.107	1.029	0.876
Cape Fear CC	881	41.5%	1.127	1.040	0.941	1.002
Carteret CC	215	45.6%	1.237	0.614	1.081	0.906
Catawba Valley CC	564	32.1%	0.871	1.078	1.040	1.142
Central Carolina CC	880	38.2%	1.036	1.081	1.172	1.134
Central Piedmont CC	2,622	29.4%	0.799	0.869	0.898	0.847
Cleveland CC	77	67.5%	1.833	1.233	1.596	1.428
Coastal Carolina CC	737	61.7%	1.675	1.434	1.055	1.198
Coll of the Albemarle	169	33.1%	0.899	1.104	1.129	0.782
Craven CC	282	46.5%	1.261	0.796	0.980	1.087
Davidson-Davie CC	949	44.8%	1.215	1.097	1.274	1.473
Durham TCC	943	12.6%	0.342	0.646	0.881	0.891
Edgecombe CC	263	68.8%	1.868	0.553	1.012	1.249
Fayetteville TCC	2,061	36.8%	0.999	1.076	0.971	0.942
Forsyth TCC	683	22.1%	0.600	0.832	0.819	0.723
Gaston College	592	26.5%	0.720	0.851	1.000	0.958
Guilford TCC	1,507	31.3%	0.850	0.762	0.700	0.618
Halifax CC	126	22.2%	0.603	0.563	0.884	1.059
Haywood CC	150	53.3%	1.447	1.678	1.462	1.247
Isothermal CC	238	24.8%	0.673	0.842	0.873	0.784
James Sprunt CC	203	11.3%	0.307	0.466	0.728	0.855
Johnston CC	430	31.9%	0.865	1.182	1.357	1.319
Lenoir CC	558	48.4%	1.313	1.033	1.100	1.217
Martin CC	176	17.0%	0.463	0.823	0.976	1.284
Mayland CC	125	47.2%	1.281	0.942	1.167	1.314
McDowell TCC	238	33.6%	0.912	0.976	1.020	1.103
Mitchell CC	395	47.1%	1.278	1.260	0.876	0.954
Montgomery CC	146	18.5%	0.502	0.762	0.409	1.015
Nash CC	143	35.0%	0.949	1.166	1.172	1.179
Pamlico CC	62	21.0%	0.569	1.150	1.507	1.470
Piedmont CC	159	13.8%	0.375	0.815	1.021	1.076
Pitt CC	480	47.9%	1.300	1.326	1.087	0.977
Randolph CC	470	43.6%	1.184	0.861	1.155	1.060
Richmond CC	566	21.9%	0.595	0.553	0.940	0.895
Roanoke-Chowan CC	60	20.0%	0.543	0.780	1.048	0.335
Robeson CC	599	28.7%	0.779	0.861	0.951	1.080
Rockingham CC	295	29.5%	0.800	0.987	1.120	1.279
Rowan-Cabarrus CC	482	40.7%	1.104	1.388	1.283	1.175
Sampson CC	571	53.2%	1.445	1.038	1.282	1.486
Sandhills CC	432	34.7%	0.942	1.120	0.925	0.958
South Piedmont CC	618	43.5%	1.181	0.988	0.970	1.128
Southeastern CC	525	24.6%	0.667	0.853	0.982	1.126
Southwestern CC	181	24.3%	0.660	0.783	0.768	0.965
Stanly CC	430	31.2%	0.846	1.302	0.714	0.780
Surry CC	285	45.6%	1.238	1.274	1.061	1.092
Tri-County CC	190	43.2%	1.171	0.821	1.136	1.237
Vance-Granville CC	228	36.8%	1.000	0.933	0.979	0.993
Wake TCC	3,371	41.8%	1.134	1.247	1.004	1.027
Wayne CC	669	35.4%	0.961	0.917	1.041	1.218
Western Piedmont CC	302	44.7%	1.213	0.652	0.957	0.895
Wilkes CC	322	46.0%	1.247	1.210	1.233	1.314
Wilson CC	256	25.0%	0.678	0.489	0.834	0.724

## 2. Student Success Rate in College-Level English Courses

### Purpose

To ensure students are successfully completing a credit-bearing English course within their first three academic years

### Description

Index score based on the percentage of first-time fall associate degree seeking and transfer pathway students passing a credit-bearing English course with a “C” or better within three years.

### Calculation

#### **Success Rate**

Denominator: First-time fall associate degree and transfer pathway students (i.e., students with a curriculum code that begins with an A or P) during their first fall.

Numerator: Of those in the denominator, the number earning a standard letter grade of A, B, C, or P in at least one credit-bearing (course number  $\geq 100$ ) English course within three years (by the end of the third summer term).

*Note: See appendix for new first-time fall cohort definition*

#### **Index Score**

Pell Index Score: College success rate among cohort students receiving Pell divided by the statewide success rate among cohort students receiving Pell

Non-Pell Index Score: College success rate among cohort students **not** receiving Pell divided by the statewide success rate among cohort students **not** receiving Pell

Pell Denominator: Number of cohort students receiving Pell

Non-Pell Denominator: Number of cohort students **not** receiving Pell

Total Numerator: (Pell Index Score X Pell Denominator) + (Non-Pell Index Score X Non-Pell Denominator)

Total Denominator: Pell Denominator + Non-Pell Denominator

Total Index Score: Total Numerator divided by Total Denominator

### Data Sources

Comprehensive Curriculum Student Report

National Student Clearinghouse

### Additional Details

Pell category based on Pell status during a student’s first fall semester



**TABLE 2. STUDENT SUCCESS RATE IN COLLEGE-LEVEL ENGLISH COURSES, FALL 2018 COHORT**

Index score based on the percentage of first-time fall associate degree seeking and transfer pathway students passing a credit-bearing English course with a "C" or better within three years.

Excellence: 1.147

Avg Band Max: 1.081

Avg Band Min: 0.947

Baseline: 0.747

	FALL COHORT			SUCCESS RATE			INDEX SCORE		TOTAL INDEX SCORE			
	Pell	Non-Pell	Total	Pell	Non-Pell	Total	Pell	Non-Pell	2018	2017	2016	2015
<b>System Totals</b>	<b>13,232</b>	<b>28,332</b>	<b>41,564</b>	<b>58%</b>	<b>63%</b>	<b>62%</b>						
Alamance CC	236	489	725	67%	68%	67%	1.147	1.071	1.096	1.165	1.138	1.101
Asheville-Buncombe TC	228	632	860	64%	46%	51%	1.104	0.731	0.830	0.904	0.872	0.857
Beaufort County CC	49	197	246	47%	64%	61%	0.810	1.020	0.978	0.913	0.933	0.908
Bladen CC	69	111	180	51%	77%	67%	0.875	1.225	1.091	1.180	0.847	0.943
Blue Ridge CC	115	299	414	67%	52%	56%	1.155	0.825	0.917	0.966	0.928	0.893
Brunswick CC	124	260	384	67%	79%	75%	1.154	1.253	1.221	1.209	1.100	1.181
Caldwell CC & TI	144	540	684	66%	60%	61%	1.138	0.949	0.989	0.951	0.918	0.902
Cape Fear CC	526	1,162	1,688	59%	60%	60%	1.020	0.957	0.977	1.016	1.054	1.077
Carteret CC	62	288	350	68%	51%	54%	1.168	0.802	0.867	0.859	0.915	0.994
Catawba Valley CC	277	739	1,016	65%	77%	74%	1.127	1.214	1.190	1.160	1.161	1.138
Central Carolina CC	203	478	681	48%	58%	55%	0.833	0.913	0.889	0.814	0.870	0.788
Central Piedmont CC	1,568	2,714	4,282	62%	67%	65%	1.063	1.065	1.064	1.082	1.113	1.120
Cleveland CC	87	286	373	52%	63%	60%	0.892	0.990	0.967	0.932	0.922	0.824
Coastal Carolina CC	286	599	885	72%	72%	72%	1.236	1.138	1.170	1.142	1.128	1.184
Coll of the Albemarle	97	477	574	61%	75%	72%	1.049	1.184	1.161	1.017	1.003	0.950
Craven CC	191	368	559	60%	61%	61%	1.038	0.967	0.991	1.064	1.089	1.121
Davidson-Davie CC	257	527	784	63%	70%	67%	1.080	1.105	1.097	1.005	1.057	1.092
Durham TCC	311	679	990	57%	58%	57%	0.976	0.915	0.935	0.951	0.992	0.953
Edgecombe CC	86	53	139	62%	89%	72%	1.063	1.403	1.192	1.113	0.963	1.066
Fayetteville TCC	845	991	1,836	49%	63%	57%	0.853	1.002	0.934	0.897	0.823	0.778
Forsyth TCC	606	901	1,507	62%	65%	64%	1.067	1.030	1.045	1.075	1.087	1.110
Gaston College	377	712	1,089	62%	61%	61%	1.075	0.957	0.998	0.974	1.013	0.956
Guilford TCC	876	1,021	1,897	54%	58%	56%	0.929	0.922	0.925	0.987	0.937	0.905
Halifax CC	83	169	252	61%	69%	67%	1.060	1.095	1.083	1.057	1.025	1.098
Haywood CC	73	231	304	66%	65%	65%	1.134	1.020	1.048	1.072	1.059	0.944
Isothermal CC	76	172	248	50%	76%	68%	0.862	1.205	1.100	1.099	1.072	1.045
James Sprunt CC	51	178	229	71%	67%	68%	1.217	1.066	1.100	1.121	1.058	1.054
Johnston CC	212	562	774	52%	63%	60%	0.903	0.996	0.971	0.913	0.919	1.021
Lenoir CC	132	288	420	49%	70%	64%	0.849	1.109	1.028	1.002	0.945	1.089
Martin CC	20	177	197	25%	62%	58%	0.431	0.974	0.919	1.014	0.867	0.792
Mayland CC	23	84	107	26%	45%	41%	0.450	0.716	0.658	0.785	0.648	0.651
McDowell TCC	35	168	203	69%	72%	71%	1.183	1.139	1.147	1.231	1.251	1.111
Mitchell CC	186	616	802	61%	55%	56%	1.057	0.870	0.914	1.026	0.996	0.972
Montgomery CC	25	97	122	32%	59%	53%	0.552	0.929	0.852	1.056	0.992	1.015
Nash CC	187	359	546	48%	47%	47%	0.821	0.740	0.768	0.838	0.759	0.767
Pamlico CC	11	34	45	*	*	69%	*	*	1.096	0.857	0.820	0.754
Piedmont CC	59	183	242	56%	75%	71%	0.965	1.193	1.137	1.166	1.087	1.058
Pitt CC	574	536	1,110	49%	60%	55%	0.850	0.956	0.901	0.897	0.924	0.940
Randolph CC	156	431	587	71%	65%	67%	1.227	1.031	1.083	1.065	0.974	1.086
Richmond CC	124	367	491	53%	72%	68%	0.918	1.146	1.089	1.075	1.081	1.062
Roanoke-Chowan CC	15	67	82	*	*	82%	*	*	1.305	1.107	0.842	0.871
Robeson CC	183	145	328	48%	62%	54%	0.829	0.982	0.897	0.861	0.799	0.822
Rockingham CC	130	273	403	56%	58%	57%	0.968	0.915	0.933	0.902	1.035	0.997
Rowan-Cabarrus CC	445	1,176	1,621	58%	57%	58%	1.008	0.908	0.935	0.972	1.007	1.033
Sampson CC	96	232	328	54%	74%	68%	0.934	1.173	1.103	0.890	0.907	0.919
Sandhills CC	174	431	605	52%	64%	60%	0.892	1.006	0.973	0.875	0.910	1.046
South Piedmont CC	117	571	688	42%	45%	45%	0.722	0.715	0.716	0.763	0.870	0.878
Southeastern CC	63	197	260	56%	65%	63%	0.958	1.036	1.017	1.060	0.989	0.937
Southwestern CC	75	329	404	52%	70%	67%	0.897	1.106	1.067	1.080	1.157	1.129
Stanly CC	86	319	405	63%	62%	62%	1.083	0.982	1.003	0.932	0.844	0.919
Surry CC	141	550	691	60%	58%	58%	1.027	0.912	0.935	0.939	0.860	0.869
Tri-County CC	38	169	207	63%	82%	78%	1.089	1.292	1.254	1.187	1.130	1.211
Vance-Granville CC	176	430	606	49%	61%	58%	0.853	0.964	0.931	1.007	1.030	1.079
Wake TCC	1,280	2,933	4,213	58%	61%	60%	1.007	0.965	0.977	0.972	1.006	0.968
Wayne CC	211	452	663	66%	72%	70%	1.144	1.144	1.144	1.167	1.138	1.118
Western Piedmont CC	134	311	445	73%	83%	80%	1.261	1.307	1.293	1.262	1.207	1.150
Wilkes CC	138	390	528	65%	67%	66%	1.125	1.054	1.073	0.990	1.051	1.049
Wilson CC	83	206	289	45%	54%	51%	0.769	0.852	0.828	0.713	0.756	0.905

\* Subcategory results suppressed when at least one of the subcategories contains less than 20 in the denominator

Note: System totals are up duplicated and may not be equal to the summation across colleges and categories

### 3. Student Success Rate in College-Level Math Courses

#### Purpose

To ensure students are successfully completing credit-bearing Math courses within their first three academic years

#### Description

Index score based on the percentage of first-time fall associate degree seeking and transfer pathway students passing a credit-bearing Math course with a “C” or better within three years.

#### Calculation

##### **Success Rate**

Denominator: First-time fall associate degree and transfer pathway students (i.e., students with a curriculum code that begins with an A or P) during their first fall.

Numerator: Of those in the denominator, the number earning a standard letter grade of A, B, C, or P in at least one credit-bearing (course number  $\geq 100$ ) Math course within three years (by the end of the third summer term).

*Note: See appendix for new first-time fall cohort definition*

##### **Index Score**

Pell Index Score: College success rate among cohort students receiving Pell divided by the statewide success rate among cohort students receiving Pell

Non-Pell Index Score: College success rate among cohort students **not** receiving Pell divided by the statewide success rate among cohort students **not** receiving Pell

Pell Denominator: Number of cohort students receiving Pell

Non-Pell Denominator: Number of cohort students **not** receiving Pell

Total Numerator: (Pell Index Score X Pell Denominator) + (Non-Pell Index Score X Non-Pell Denominator)

Total Denominator: Pell Denominator + Non-Pell Denominator

Total Index Score: Total Numerator divided by Total Denominator

#### Data Sources

Comprehensive Curriculum Student Report

National Student Clearinghouse

#### Additional Details

Pell category based on Pell status during a student’s first fall semester

**TABLE 3. STUDENT SUCCESS RATE IN COLLEGE-LEVEL MATH COURSES, FALL 2018 COHORT**

Index score based on the percentage of first-time fall associate degree seeking and transfer pathway students passing a credit-bearing Math course with a “C” or better within three years.

Excellence: 1.192  
 Avg Band Max: 1.104  
 Avg Band Min: 0.927  
 Baseline: 0.662

	FALL COHORT			SUCCESS RATE			INDEX SCORE		TOTAL INDEX SCORE			
	Pell	Non-Pell	Total	Pell	Non-Pell	Total	Pell	Non-Pell	2018	2017	2016	2015
<b>System Totals</b>	<b>13,232</b>	<b>28,332</b>	<b>41,564</b>	<b>34%</b>	<b>52%</b>	<b>46%</b>						
Alamance CC	236	489	725	47%	56%	53%	1.352	1.075	1.165	1.185	1.252	1.159
Asheville-Buncombe TC	228	632	860	39%	43%	42%	1.119	0.829	0.906	0.930	0.902	0.953
Beaufort County CC	49	197	246	27%	69%	60%	0.770	1.324	1.214	1.059	1.174	1.161
Bladen CC	69	111	180	39%	75%	61%	1.135	1.445	1.326	1.245	0.565	0.888
Blue Ridge CC	115	299	414	55%	40%	44%	1.589	0.769	0.997	1.022	1.026	0.875
Brunswick CC	124	260	384	46%	69%	61%	1.333	1.330	1.331	1.346	1.353	1.410
Caldwell CC & TI	144	540	684	48%	61%	58%	1.390	1.170	1.216	1.271	1.160	1.108
Cape Fear CC	526	1,162	1,688	36%	60%	52%	1.037	1.154	1.117	1.138	1.140	1.129
Carteret CC	62	288	350	35%	35%	35%	1.029	0.678	0.740	0.730	0.851	0.962
Catawba Valley CC	277	739	1,016	43%	63%	57%	1.257	1.211	1.223	1.248	1.257	1.133
Central Carolina CC	203	478	681	29%	49%	43%	0.829	0.954	0.917	0.936	1.084	1.054
Central Piedmont CC	1,568	2,714	4,282	41%	51%	47%	1.195	0.981	1.059	1.085	1.116	1.157
Cleveland CC	87	286	373	26%	60%	52%	0.767	1.155	1.065	1.020	1.177	1.046
Coastal Carolina CC	286	599	885	50%	58%	55%	1.450	1.116	1.224	1.171	1.075	1.092
Coll of the Albemarle	97	477	574	33%	55%	52%	0.957	1.069	1.050	0.940	0.852	0.867
Craven CC	191	368	559	34%	51%	45%	0.972	0.992	0.985	0.916	0.910	1.000
Davidson-Davie CC	257	527	784	33%	64%	54%	0.959	1.228	1.140	1.080	1.171	1.267
Durham TCC	311	679	990	37%	46%	43%	1.073	0.891	0.948	0.925	0.947	0.958
Edgecombe CC	86	53	139	21%	60%	36%	0.607	1.167	0.820	0.952	0.743	0.786
Fayetteville TCC	845	991	1,836	26%	43%	35%	0.745	0.827	0.789	0.800	0.773	0.651
Forsyth TCC	606	901	1,507	39%	55%	49%	1.120	1.072	1.091	1.057	1.115	0.980
Gaston College	377	712	1,089	34%	43%	40%	1.000	0.839	0.895	0.915	0.912	0.878
Guilford TCC	876	1,021	1,897	29%	49%	40%	0.851	0.954	0.906	0.872	0.836	0.803
Halifax CC	83	169	252	10%	31%	24%	0.280	0.595	0.491	0.544	0.532	0.673
Haywood CC	73	231	304	36%	55%	51%	1.033	1.071	1.062	1.132	1.041	0.812
Isothermal CC	76	172	248	24%	48%	40%	0.687	0.921	0.849	0.968	0.817	0.832
James Sprunt CC	51	178	229	37%	66%	60%	1.081	1.281	1.236	1.215	1.183	1.148
Johnston CC	212	562	774	36%	54%	49%	1.040	1.042	1.041	0.971	1.011	1.173
Lenoir CC	132	288	420	33%	67%	56%	0.945	1.302	1.190	1.045	0.939	0.933
Martin CC	20	177	197	30%	56%	54%	0.870	1.092	1.069	1.065	0.965	0.906
Mayland CC	23	84	107	13%	51%	43%	0.378	0.989	0.858	0.838	0.869	0.775
McDowell TCC	35	168	203	43%	42%	42%	1.243	0.817	0.890	1.295	1.426	1.235
Mitchell CC	186	616	802	33%	43%	41%	0.967	0.828	0.860	0.971	0.844	0.816
Montgomery CC	25	97	122	24%	57%	50%	0.696	1.096	1.014	1.022	0.982	0.682
Nash CC	187	359	546	44%	55%	51%	1.272	1.060	1.133	1.131	1.129	1.150
Pamlico CC	11	34	45	*	*	58%	*	*	1.159	0.918	0.909	1.105
Piedmont CC	59	183	242	31%	37%	35%	0.885	0.707	0.751	0.735	0.551	1.043
Pitt CC	574	536	1,110	23%	58%	40%	0.677	1.121	0.892	0.852	0.783	0.799
Randolph CC	156	431	587	39%	47%	45%	1.134	0.901	0.963	1.100	0.988	1.107
Richmond CC	124	367	491	29%	74%	63%	0.842	1.432	1.283	1.333	1.311	1.402
Roanoke-Chowan CC	15	67	82	*	*	61%	*	*	1.190	0.918	0.584	0.669
Robeson CC	183	145	328	30%	59%	43%	0.856	1.146	0.984	1.051	0.906	1.031
Rockingham CC	130	273	403	28%	53%	45%	0.826	1.033	0.966	1.003	0.964	0.947
Rowan-Cabarrus CC	445	1,176	1,621	25%	40%	36%	0.737	0.779	0.767	0.791	0.810	0.813
Sampson CC	96	232	328	30%	53%	47%	0.876	1.033	0.987	0.824	0.922	0.844
Sandhills CC	174	431	605	25%	53%	45%	0.717	1.022	0.934	0.871	0.906	0.881
South Piedmont CC	117	571	688	15%	39%	35%	0.421	0.748	0.692	0.656	0.801	0.864
Southeastern CC	63	197	260	25%	62%	53%	0.737	1.206	1.093	1.057	0.942	0.843
Southwestern CC	75	329	404	28%	63%	56%	0.812	1.216	1.141	1.135	1.289	1.142
Stanly CC	86	319	405	47%	59%	56%	1.349	1.139	1.183	1.099	0.999	1.153
Surry CC	141	550	691	37%	47%	45%	1.070	0.910	0.943	0.905	0.810	0.780
Tri-County CC	38	169	207	34%	51%	48%	0.992	0.995	0.994	0.872	0.806	0.769
Vance-Granville CC	176	430	606	28%	34%	33%	0.808	0.665	0.706	0.694	0.709	0.730
Wake TCC	1,280	2,933	4,213	37%	48%	45%	1.063	0.928	0.969	0.996	1.023	1.032
Wayne CC	211	452	663	33%	53%	46%	0.948	1.022	0.998	1.082	1.055	1.130
Western Piedmont CC	134	311	445	46%	65%	59%	1.320	1.249	1.270	1.189	1.295	1.249
Wilkes CC	138	390	528	44%	65%	60%	1.282	1.258	1.265	1.279	1.417	1.287
Wilson CC	83	206	289	28%	53%	46%	0.804	1.022	0.960	0.817	0.866	1.247

\* Subcategory results suppressed when at least one of the subcategories contains less than 20 in the denominator

Note: System totals are up duplicated and may not be equal to the summation across colleges and categories

## 4. First-Year Progression

### Purpose

To ensure first-year students are making progress toward credential completion

### Description

Index score based on the percentage of first-time fall credential-seeking curriculum students graduated prior to or enrolled in postsecondary education the subsequent fall semester.

### Calculation

#### **Success Rate**

Denominator: First-time fall credential-seeking curriculum students.

Numerator: Of those in the denominator, the number who graduate with a postsecondary credential prior to the subsequent fall term or return to post-secondary education during the subsequent fall term.

*Note: See appendix for new first-time fall cohort definition*

#### **Index Score**

Pell Index Score: College success rate among cohort students receiving Pell divided by the statewide success rate among cohort students receiving Pell

Non-Pell Index Score: College success rate among cohort students **not** receiving Pell divided by the statewide success rate among cohort students **not** receiving Pell

Pell Denominator: Number of cohort students receiving Pell

Non-Pell Denominator: Number of cohort students **not** receiving Pell

Total Numerator: (Pell Index Score X Pell Denominator) + (Non-Pell Index Score X Non-Pell Denominator)

Total Denominator: Pell Denominator + Non-Pell Denominator

Total Index Score: Total Numerator divided by Total Denominator

### Data Sources

Comprehensive Curriculum Student Report

Graduation Extract data file

National Student Clearinghouse

### Additional Details

Pell category based on Pell status during a student's first fall semester

**TABLE 4. FIRST YEAR PROGRESSION, FALL 2020 COHORT**

Index score based on the percentage of first-time fall credential-seeking curriculum students graduated prior to or enrolled in postsecondary education the subsequent fall semester.

Excellence: 1.069

Avg Band Max: 1.036

Avg Band Min: 0.970

Baseline: 0.872

	FALL COHORT			SUCCESS RATE			INDEX SCORE		TOTAL INDEX SCORE			
	Pell	Non-Pell	Total	Pell	Non-Pell	Total	Pell	Non-Pell	2020	2019	2018	2017
<b>System Totals</b>	<b>11,352</b>	<b>39,652</b>	<b>51,004</b>	<b>56%</b>	<b>70%</b>	<b>67%</b>						
Alamance CC	197	853	1,050	58%	61%	60%	1.039	0.865	0.898	0.919	0.908	0.896
Asheville-Buncombe TC	209	1,238	1,447	55%	57%	57%	0.988	0.812	0.838	0.882	0.888	0.813
Beaufort County CC	35	259	294	54%	79%	76%	0.974	1.122	1.105	1.002	1.021	1.009
Bladen CC	43	200	243	58%	71%	68%	1.043	1.004	1.011	1.023	0.931	1.042
Blue Ridge CC	115	545	660	67%	66%	67%	1.202	0.946	0.991	0.906	0.940	0.918
Brunswick CC	122	285	407	66%	67%	67%	1.192	0.950	1.022	1.074	1.060	1.151
Caldwell CC & TI	170	740	910	46%	68%	64%	0.834	0.970	0.945	1.087	0.980	0.958
Cape Fear CC	490	1,574	2,064	55%	72%	68%	0.982	1.031	1.019	1.052	1.021	1.037
Carteret CC	69	243	312	67%	66%	66%	1.197	0.938	0.995	1.000	1.025	1.032
Catawba Valley CC	228	911	1,139	60%	76%	72%	1.071	1.078	1.076	1.032	1.025	1.043
Central Carolina CC	150	1,160	1,310	53%	68%	66%	0.957	0.968	0.967	0.948	0.989	0.972
Central Piedmont CC	1,190	3,185	4,375	57%	72%	68%	1.032	1.030	1.030	1.000	0.991	0.985
Cleveland CC	95	441	536	57%	76%	73%	1.020	1.086	1.074	1.014	0.974	0.953
Coastal Carolina CC	278	662	940	62%	71%	68%	1.117	1.009	1.041	1.046	0.988	0.994
Coll of the Albemarle	109	557	666	48%	71%	68%	0.856	1.018	0.992	0.991	1.110	1.025
Craven CC	134	466	600	57%	76%	72%	1.031	1.085	1.073	1.032	0.960	0.998
Davidson-Davie CC	210	732	942	61%	72%	70%	1.094	1.026	1.041	1.079	1.074	1.051
Durham TCC	271	762	1,033	55%	65%	63%	0.987	0.933	0.947	0.966	0.982	0.970
Edgecombe CC	44	128	172	41%	70%	63%	0.734	1.002	0.933	0.885	0.991	1.053
Fayetteville TCC	750	1,394	2,144	51%	62%	58%	0.912	0.890	0.898	0.884	0.970	0.967
Forsyth TCC	574	1,137	1,711	56%	68%	64%	1.001	0.975	0.984	0.998	0.997	1.028
Gaston College	251	1,182	1,433	52%	77%	73%	0.937	1.097	1.069	1.031	1.012	0.989
Guilford TCC	890	1,790	2,680	54%	71%	65%	0.970	1.008	0.995	0.960	0.973	0.998
Halifax CC	39	180	219	56%	78%	74%	1.012	1.116	1.098	0.940	1.030	0.946
Haywood CC	71	249	320	52%	71%	67%	0.935	1.007	0.991	0.970	1.062	1.049
Isothermal CC	107	386	493	63%	74%	71%	1.124	1.048	1.065	1.014	1.021	1.014
James Sprunt CC	67	261	328	63%	74%	72%	1.125	1.054	1.068	1.123	1.166	1.155
Johnston CC	186	1,027	1,213	55%	71%	69%	0.994	1.013	1.010	1.063	0.965	1.014
Lenoir CC	106	417	523	46%	63%	60%	0.830	0.899	0.885	0.990	0.972	0.987
Martin CC	26	235	261	62%	64%	64%	1.104	0.909	0.929	1.131	1.058	1.088
Mayland CC	13	223	236	*	*	71%	*	*	1.024	0.977	0.870	0.936
McDowell TCC	34	228	262	56%	71%	69%	1.003	1.019	1.017	0.936	0.935	1.023
Mitchell CC	157	1,022	1,179	55%	72%	70%	0.995	1.022	1.018	1.064	1.020	1.010
Montgomery CC	21	83	104	48%	72%	67%	0.855	1.030	0.995	0.854	1.076	1.123
Nash CC	116	522	638	65%	67%	67%	1.160	0.955	0.993	0.973	0.968	0.964
Pamlico CC	9	62	71	*	*	58%	*	*	0.844	0.892	0.950	1.060
Piedmont CC	26	290	316	65%	69%	69%	1.174	0.987	1.003	1.038	0.995	0.970
Pitt CC	416	861	1,277	53%	74%	67%	0.949	1.056	1.021	0.995	1.040	0.994
Randolph CC	131	574	705	63%	61%	62%	1.123	0.874	0.920	0.970	0.942	0.967
Richmond CC	105	268	373	45%	74%	66%	0.803	1.053	0.982	0.879	1.032	1.059
Roanoke-Chowan CC	20	75	95	45%	85%	77%	0.808	1.216	1.130	1.090	1.069	1.147
Robeson CC	206	229	435	50%	70%	61%	0.897	1.002	0.952	0.925	0.949	0.841
Rockingham CC	119	396	515	46%	65%	61%	0.830	0.932	0.908	0.929	1.014	1.013
Rowan-Cabarrus CC	362	1,707	2,069	52%	69%	66%	0.927	0.985	0.975	1.009	1.020	1.028
Sampson CC	65	351	416	69%	75%	74%	1.243	1.063	1.091	1.105	1.062	1.092
Sandhills CC	135	785	920	61%	77%	75%	1.090	1.102	1.100	1.125	1.068	1.043
South Piedmont CC	115	969	1,084	46%	70%	67%	0.827	0.992	0.975	1.041	0.952	0.995
Southeastern CC	55	170	225	56%	72%	68%	1.012	1.022	1.020	0.892	1.102	1.016
Southwestern CC	72	394	466	50%	69%	66%	0.897	0.987	0.973	0.975	0.922	0.917
Stanly CC	76	526	602	54%	78%	75%	0.968	1.108	1.090	1.024	1.042	1.039
Surry CC	137	673	810	47%	68%	65%	0.852	0.974	0.953	0.966	0.981	0.948
Tri-County CC	38	213	251	66%	77%	75%	1.181	1.097	1.110	1.078	1.083	0.966
Vance-Granville CC	127	507	634	55%	76%	72%	0.989	1.082	1.063	1.048	1.006	1.003
Wake TCC	1,143	3,626	4,769	60%	71%	69%	1.083	1.017	1.033	1.032	1.015	1.063
Wayne CC	182	488	670	59%	70%	67%	1.065	1.004	1.021	1.034	1.071	1.046
Western Piedmont CC	73	390	463	58%	71%	69%	1.033	1.008	1.012	1.039	1.066	1.020
Wilkes CC	97	475	572	54%	67%	65%	0.962	0.954	0.955	1.031	1.023	0.978
Wilson CC	76	395	471	53%	72%	69%	0.945	1.028	1.015	1.086	0.960	0.964

\* Subcategory results suppressed when at least one of the subcategories contains less than 20 in the denominator

Note: System totals are up duplicated and may not be equal to the summation across colleges and categories

## 5. Curriculum Completion

### Purpose

To ensure student completion and/or persistence toward a post-secondary credential in a timely manner.

### Description

Index score based on the percentage of first-time fall credential-seeking curriculum students who graduate, transfer, or are enrolled during the fourth academic year with 42 successfully completed non-developmental hours.

### Calculation

#### **Success Rate**

Denominator: First-time fall credential-seeking curriculum students.

Numerator: Of those in the denominator, the number of students who have graduated, transferred, or are still enrolled during the fourth academic year (fall, spring, or summer) with at least 42 successfully completed non-developmental hours.

To be successful, students must complete one or more of the following:

- **Graduation:** Graduated from a North Carolina Community College credential program (A, D, or C) before the end of the 4<sup>th</sup> summer term following the first fall semester.
- **Transfer:** Transferred to a 4-year college as indicated in the National Student Clearinghouse database at any point through the end of the 4<sup>th</sup> summer term following the first fall semester.
- **Persistence:** Student is enrolled in an NCCCS college during the 4<sup>th</sup> academic year (fall, spring or summer) and has successfully completed at least 42 non-developmental credit hours by the end of the summer term. Successful completion is defined as achieving a course standard letter grade of A, B, C, or P.

*Note: See appendix for new first-time fall cohort definition*

#### **Index Score**

Pell Index Score: College success rate among cohort students receiving Pell divided by the statewide success rate among cohort students receiving Pell

Non-Pell Index Score: College success rate among cohort students **not** receiving Pell divided by the statewide success rate among cohort students **not** receiving Pell

Pell Denominator: Number of cohort students receiving Pell

Non-Pell Denominator: Number of cohort students **not** receiving Pell

Total Numerator: (Pell Index Score X Pell Denominator) + (Non-Pell Index Score X Non-Pell Denominator)

Total Denominator: Pell Denominator + Non-Pell Denominator

Total Index Score: Total Numerator divided by Total Denominator

#### **Data Sources**

Comprehensive Curriculum Student Report

Graduation Extract data file

National Student Clearinghouse

#### **Additional Details**

Pell category based on Pell status during a student's first fall semester

**TABLE 5. CURRICULUM COMPLETION, FALL 2017 COHORT**

Index score based on the percentage of first-time fall credential-seeking curriculum students who graduate, transfer, or are enrolled during the fourth academic year with 42 successfully completed non-developmental hours.

Excellence: 1.094

Avg Band Max: 1.054

Avg Band Min: 0.973

Baseline: 0.853

	FALL COHORT			SUCCESS RATE			INDEX SCORE		TOTAL INDEX SCORE			
	Pell	Non-Pell	Total	Pell	Non-Pell	Total	Pell	Non-Pell	2017	2016	2015	2014
<b>System Totals</b>	<b>15,251</b>	<b>37,228</b>	<b>52,479</b>	<b>39%</b>	<b>63%</b>	<b>56%</b>						
Alamance CC	244	786	1,030	41%	50%	48%	1.057	0.800	0.861	0.981	1.001	0.887
Asheville-Buncombe TC	312	1,111	1,423	41%	48%	47%	1.056	0.773	0.835	0.869	0.893	0.944
Beaufort County CC	56	293	349	38%	61%	57%	0.958	0.969	0.968	1.117	1.094	1.003
Bladen CC	84	198	282	40%	60%	54%	1.034	0.951	0.976	0.705	0.786	1.082
Blue Ridge CC	128	387	515	49%	62%	59%	1.257	0.985	1.053	0.942	0.888	1.008
Brunswick CC	118	271	389	38%	69%	60%	0.974	1.101	1.063	1.042	1.031	1.197
Caldwell CC & TI	178	649	827	47%	57%	55%	1.191	0.917	0.976	0.899	0.878	1.005
Cape Fear CC	573	1,231	1,804	40%	62%	55%	1.016	0.993	1.000	1.005	0.966	1.040
Carteret CC	112	356	468	47%	67%	63%	1.209	1.076	1.108	1.060	1.158	1.126
Catawba Valley CC	381	921	1,302	41%	67%	59%	1.059	1.067	1.065	1.123	1.122	1.103
Central Carolina CC	284	1,234	1,518	37%	65%	60%	0.935	1.040	1.020	1.086	1.068	1.120
Central Piedmont CC	1,780	2,951	4,731	35%	59%	50%	0.901	0.944	0.928	0.932	0.975	0.961
Cleveland CC	135	542	677	38%	71%	64%	0.965	1.128	1.095	1.101	1.060	1.025
Coastal Carolina CC	348	596	944	50%	63%	58%	1.277	1.004	1.105	1.090	1.081	1.109
Coll of the Albemarle	159	590	749	44%	67%	62%	1.124	1.074	1.084	1.150	1.054	1.076
Craven CC	216	453	669	46%	65%	59%	1.182	1.039	1.085	1.042	1.015	1.056
Davidson-Davie CC	261	652	913	43%	75%	66%	1.096	1.197	1.168	1.194	1.204	1.060
Durham TCC	317	674	991	33%	54%	47%	0.854	0.859	0.858	0.822	0.894	0.974
Edgecombe CC	105	218	323	29%	72%	58%	0.730	1.156	1.018	0.939	0.990	0.953
Fayetteville TCC	885	1,336	2,221	35%	68%	55%	0.889	1.089	1.009	1.011	0.979	0.876
Forsyth TCC	687	1,019	1,706	42%	62%	54%	1.074	0.996	1.028	0.955	0.911	0.924
Gaston College	378	1,027	1,405	33%	67%	58%	0.845	1.074	1.012	1.013	0.959	0.943
Guilford TCC	927	850	1,777	40%	63%	51%	1.019	1.010	1.015	0.904	0.897	0.936
Halifax CC	76	210	286	38%	71%	63%	0.975	1.140	1.096	0.958	1.099	1.088
Haywood CC	98	259	357	49%	71%	65%	1.251	1.140	1.170	1.132	1.000	1.099
Isothermal CC	94	337	431	56%	63%	62%	1.440	1.009	1.103	1.179	1.085	1.086
James Sprunt CC	105	204	309	37%	68%	57%	0.949	1.079	1.035	1.195	1.213	1.228
Johnston CC	256	1,091	1,347	40%	66%	61%	1.018	1.057	1.050	1.089	1.108	1.095
Lenoir CC	152	489	641	32%	62%	55%	0.823	0.989	0.950	1.027	0.994	0.997
Martin CC	25	187	212	48%	64%	62%	1.226	1.024	1.048	0.932	0.961	1.063
Mayland CC	28	225	253	18%	60%	56%	0.456	0.964	0.908	0.824	0.804	0.830
McDowell TCC	39	226	265	36%	62%	58%	0.917	0.981	0.972	0.912	0.990	0.999
Mitchell CC	174	871	1,045	39%	67%	62%	0.998	1.068	1.056	0.996	0.952	1.124
Montgomery CC	49	249	298	47%	69%	65%	1.199	1.096	1.113	1.008	1.210	1.045
Nash CC	195	503	698	37%	52%	48%	0.943	0.834	0.865	0.879	0.903	0.807
Pamlico CC	17	117	134	*	*	63%	*	*	1.034	0.974	1.011	1.120
Piedmont CC	60	358	418	35%	52%	50%	0.894	0.829	0.838	0.883	1.013	1.035
Pitt CC	623	872	1,495	30%	66%	51%	0.775	1.047	0.933	0.984	1.002	0.992
Randolph CC	221	674	895	40%	59%	55%	1.017	0.949	0.966	0.942	1.007	1.077
Richmond CC	157	409	566	32%	73%	62%	0.813	1.170	1.071	1.052	1.037	1.011
Roanoke-Chowan CC	45	124	169	38%	66%	59%	0.965	1.055	1.031	1.031	0.928	1.021
Robeson CC	266	260	526	33%	67%	49%	0.835	1.062	0.947	0.923	0.975	0.918
Rockingham CC	154	353	507	41%	57%	52%	1.045	0.913	0.953	0.964	0.953	0.982
Rowan-Cabarrus CC	493	1,136	1,629	37%	66%	58%	0.953	1.058	1.026	1.059	1.016	0.923
Sampson CC	106	275	381	38%	71%	62%	0.964	1.131	1.085	1.125	1.101	1.079
Sandhills CC	218	836	1,054	37%	66%	60%	0.937	1.046	1.023	1.059	1.056	0.984
South Piedmont CC	155	824	979	30%	65%	60%	0.774	1.042	0.999	0.978	0.979	0.945
Southeastern CC	120	265	385	42%	70%	61%	1.064	1.120	1.103	1.061	0.987	0.961
Southwestern CC	96	464	560	39%	60%	57%	0.984	0.963	0.967	0.981	1.096	1.060
Stanly CC	124	442	566	43%	69%	63%	1.092	1.094	1.093	0.969	1.070	1.181
Surry CC	149	704	853	41%	57%	54%	1.046	0.911	0.935	1.008	1.020	1.005
Tri-County CC	36	237	273	36%	56%	53%	0.922	0.895	0.899	0.945	0.997	1.031
Vance-Granville CC	224	652	876	42%	63%	58%	1.083	1.001	1.022	0.995	0.968	0.984
Wake TCC	1,371	3,163	4,534	43%	59%	54%	1.107	0.934	0.986	0.977	0.989	0.996
Wayne CC	231	567	798	57%	65%	63%	1.460	1.038	1.160	1.123	1.166	1.142
Western Piedmont CC	161	282	443	42%	66%	57%	1.063	1.052	1.056	1.169	1.091	1.042
Wilkes CC	167	630	797	41%	60%	56%	1.040	0.952	0.971	1.108	1.012	1.009
Wilson CC	100	413	513	36%	63%	58%	0.920	1.008	0.991	1.024	1.073	1.001

\* Subcategory results suppressed when at least one of the subcategories contains less than 20 in the denominator

Note: System totals are up duplicated and may not be equal to the summation across colleges and categories

## 6. Licensure and Certification Passing Rate

### Purpose

To ensure programmatic coursework prepares students to competently practice in their chosen profession.

### Description

Index score based on the percentage of first-time test-takers passing licensure and certification exams within each exam. Exams included in this measure are state mandated exams which candidates must pass before becoming active practitioners.

### Calculation

#### Success Rate

Denominator: All licensure and certification exams taken for the first-time during the licensure agency's most recent reporting year. Only includes state mandated exams which candidates must pass before becoming active practitioners.

Numerator: Of those in the denominator, the number passing the exam on their first attempt during the licensure agency's most recent reporting year.

#### Index Score

License Index Score (LIS): College license success rate divided by the statewide license success rate on same exam

License Denominator (LD): Number of first-time test-takers within each exam

Total Numerator: Sum of the product of each License Index Score and their License Denominator  $[(LIS1 \times LD1) + (LIS2 \times LD2) + \dots]$

Total Denominator: Sum of License Denominators across all exams  $(LD1 + LD2 + LD3 + \dots)$

Total Index Score: Total Numerator divided by Total Denominator

### Data Sources

<b>Council of Interstate Testing</b> <ul style="list-style-type: none"><li><i>Dental Hygiene</i></li></ul>	<b>NC Department of Insurance, Office of State Fire Marshall - Code Officials Qualification Board</b> <ul style="list-style-type: none"><li><i>Building Inspector</i></li><li><i>Electrical Inspector</i></li><li><i>Fire Inspector</i></li><li><i>Mechanical Inspector</i></li><li><i>Plumbing Inspector</i></li></ul>	<b>NC Office of Emergency Medical Services</b> <ul style="list-style-type: none"><li><i>EMR</i></li><li><i>EMT</i></li><li><i>EMT-P</i></li><li><i>AEMT</i></li></ul>	<b>NC Department of Justice, Sheriff's Training &amp; Standards Division</b> <ul style="list-style-type: none"><li><i>Detention Officer</i></li></ul>
<b>NC Board of Occupational Therapy</b> <ul style="list-style-type: none"><li><i>Occupational Therapist Assistant</i></li></ul>	<b>Federation of State Massage Therapy Boards</b> <ul style="list-style-type: none"><li><i>Massage &amp; Body Work Therapist</i></li></ul>	<b>NC Department of Health and Human Services</b> <ul style="list-style-type: none"><li><i>Nurse Aide I</i></li></ul>	<b>NC Board of Barber Examiners</b> <ul style="list-style-type: none"><li><i>Barber</i></li></ul>
<b>NC Board of Nursing</b> <ul style="list-style-type: none"><li><i>Practical Nursing</i></li><li><i>Registered Nursing</i></li></ul>	<b>NC Veterinary Medical Board</b> <ul style="list-style-type: none"><li><i>Veterinary Medicine Technology</i></li></ul>	<b>NC Department of Justice, Criminal Justice Standards Division</b> <ul style="list-style-type: none"><li><i>Basic Law Enforcement Training</i></li></ul>	<b>DL Roope Administrations Inc.</b> <ul style="list-style-type: none"><li><i>Apprentice</i></li><li><i>Cosmetology</i></li><li><i>Esthetician</i></li><li><i>Manicurist</i></li></ul>
<b>NC Board of Physical Therapy Examiners</b> <ul style="list-style-type: none"><li><i>Physical Therapist Assistant</i></li></ul>			<b>NC Real Estate Commission</b> <ul style="list-style-type: none"><li><i>Provisional Real Estate Broker</i></li></ul>
<b>American Registry of Radiologic Technologists</b> <ul style="list-style-type: none"><li><i>Radiography</i></li></ul>			

### Additional Details

The number of first-time test-takers and the number passing were provided to the System Office by agencies issuing the license or certification. Depending on the exam, data may be provided on a fiscal or calendar year. Exams are listed above in *italics*. Selection of exams based on:

- Requirement to pass in order to practice in NC
- Strong association with an occupation (not part of a job)
- At least 50 test-takers statewide in 2017-18
- At least 5 colleges with test-takers in 2017-18





## 7. College Transfer Performance

### **Purpose**

To ensure the academic success of community college students at a four-year university or college.

### **Description**

Index score based on the percentage of community college students (Associate Degree completers and those who have completed 30 or more articulated transfer credits) transferring at a four-year university or college during the fall semester who remain enrolled at any four-year university or college the subsequent fall semester or graduate prior to.

### **Calculation**

#### ***Success Rate***

Denominator: Students who earned an Associate Degree during the fall, spring, and/or summer of the academic year and/or accumulated at least 30 articulated transfer credits in the NCCCS prior to the end of the summer term of the cohort year, who enrolled the subsequent fall in any 4-year college or university that participates in the National Student Clearinghouse Student Tracker program.

Numerator: Of those in the denominator, the number who graduate with a bachelor's degree or higher prior to the next subsequent fall semester or remained enrolled in any 4-year college or university during the subsequent fall semester.

#### ***Index Score***

College success rate divided by the systemwide success rate

### **Data Sources**

Comprehensive Curriculum Student Report

Graduation Extract data file

National Student Clearinghouse

**TABLE 7. COLLEGE TRANSFER PERFORMANCE, 2019-2020 COMMUNITY COLLEGE STUDENTS**

Index score based on the percentage of community college students (Associate Degree completers and those who have completed 30 or more articulated transfer credits) transferring at a four-year university or college during the fall semester who remain enrolled at any four-year university or college the subsequent fall semester or graduate prior to.

Excellence: 1.024  
 Avg Band Max: 1.007  
 Avg Band Min: 0.973  
 Baseline: 0.922

	TRANSFERS	SUCCESS RATE	INDEX SCORE			
<b>System Totals</b>	<b>18,251</b>	<b>87.6%</b>	<b>19-20</b>	<b>18-19</b>	<b>17-18</b>	<b>16-17</b>
Alamance CC	321	88.5%	1.011	0.997	1.026	0.974
Asheville-Buncombe TC	523	87.8%	1.002	0.946	1.017	0.991
Beaufort County CC	161	86.3%	0.986	0.982	1.007	1.007
Bladen CC	105	85.7%	0.979	0.977	1.011	1.020
Blue Ridge CC	178	88.8%	1.014	0.943	1.030	1.035
Brunswick CC	167	88.0%	1.005	0.990	0.945	1.064
Caldwell CC & TI	349	86.5%	0.988	0.981	1.005	0.976
Cape Fear CC	801	86.9%	0.992	1.024	0.994	0.985
Carteret CC	111	77.5%	0.885	0.959	1.004	0.931
Catawba Valley CC	612	89.1%	1.017	1.020	1.009	0.977
Central Carolina CC	350	90.3%	1.031	0.995	1.041	1.004
Central Piedmont CC	1,926	90.2%	1.030	1.036	1.017	1.007
Cleveland CC	297	84.8%	0.969	1.028	0.980	0.984
Coastal Carolina CC	357	87.7%	1.001	0.981	0.997	0.982
Coll of the Albemarle	259	86.5%	0.988	0.976	1.004	1.041
Craven CC	284	84.9%	0.969	1.016	0.999	0.999
Davidson-Davie CC	268	88.4%	1.010	1.001	0.973	0.998
Durham TCC	449	87.8%	1.002	1.042	0.998	1.031
Edgecombe CC	110	87.3%	0.997	0.996	0.964	0.993
Fayetteville TCC	796	85.2%	0.973	0.922	0.925	0.953
Forsyth TCC	667	85.2%	0.973	0.990	0.988	0.984
Gaston College	403	84.6%	0.966	0.942	0.991	0.950
Guilford TCC	735	85.6%	0.977	0.999	1.001	0.989
Halifax CC	62	87.1%	0.995	0.898	1.108	1.011
Haywood CC	96	84.4%	0.964	0.913	1.029	0.973
Isothermal CC	191	86.4%	0.987	1.009	0.924	0.898
James Sprunt CC	99	79.8%	0.911	1.032	0.876	0.900
Johnston CC	322	91.6%	1.046	1.029	1.008	1.058
Lenoir CC	308	86.0%	0.983	1.072	0.991	0.984
Martin CC	46	91.3%	1.043	0.952	0.917	1.065
Mayland CC	67	85.1%	0.972	1.010	0.903	0.931
McDowell TCC	81	82.7%	0.945	1.024	1.039	0.980
Mitchell CC	295	88.1%	1.007	1.005	0.996	0.999
Montgomery CC	52	94.2%	1.076	0.956	1.024	1.052
Nash CC	238	89.5%	1.022	0.955	1.035	0.969
Pamlico CC	29	79.3%	0.906		0.827	
Piedmont CC	61	82.0%	0.936	0.982	0.915	1.011
Pitt CC	876	86.1%	0.983	0.999	1.003	1.023
Randolph CC	170	88.2%	1.008	0.966	1.023	1.001
Richmond CC	236	86.4%	0.987	0.949	0.958	0.925
Roanoke-Chowan CC	52	84.6%	0.966	0.902	0.858	0.965
Robeson CC	108	85.2%	0.973	0.929	0.874	0.933
Rockingham CC	141	86.5%	0.988	0.975	0.988	1.023
Rowan-Cabarrus CC	490	88.8%	1.014	0.975	0.977	0.973
Sampson CC	184	88.6%	1.012	1.022	1.011	1.001
Sandhills CC	381	87.9%	1.004	1.009	0.990	1.027
South Piedmont CC	169	89.9%	1.027	1.045	1.049	1.014
Southeastern CC	132	88.6%	1.012	0.995	1.004	1.006
Southwestern CC	203	81.8%	0.934	0.908	0.997	1.011
Stanly CC	197	87.8%	1.003	1.018	1.022	0.976
Surry CC	250	88.8%	1.014	1.061	1.034	1.081
Tri-County CC	138	85.5%	0.977	1.003	0.993	0.922
Vance-Granville CC	268	88.1%	1.006	1.039	0.956	1.020
Wake TCC	1,974	90.5%	1.034	1.029	1.037	1.048
Wayne CC	278	86.0%	0.982	1.015	1.032	1.033
Western Piedmont CC	188	88.3%	1.009	1.000	1.006	0.997
Wilkes CC	218	86.7%	0.990	1.035	1.003	0.971
Wilson CC	140	83.6%	0.955	1.027	0.987	0.926

\* Subcategory results suppressed when at least one of the subcategories contains less than 20 in the denominator

Note: System totals are up duplicated and may not be equal to the summation across colleges and categories

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## **Appendix**

### **First-Time Fall Cohort Definition**

The first-time fall cohort includes fall credential seeking and dual enrollment (Career and College Promise) students enrolled in curriculum courses at a college for the first-time in the fall or preceding summer.

Fall first-time students are identified as follows:

The student has a primary CURRICULUM CODE that begins with an A, C, D, or P during their first fall term. Students with curriculum codes that begin with T (Basic Skills Plus (T90950), Special Credit (T90990), and NC Rural Innovative Schools (T90900)) are excluded. The first alphabetical curriculum is chosen for students with multiple curriculums.

The student is enrolled in at least one curriculum course during their first fall term excluding courses where the COLLEGE LETTER GRADE equals AU, CE, NA, or NS and/or the STANDARD LETTER GRADE equals AU or CE.

The fall semester, or preceding summer, is the student's first curriculum enrollment term in any post-secondary institution. First curriculum enrollment term is determined as follows:

All enrolled students who meet the course enrollment and curriculum requirements stated above are sent to the National Student Clearinghouse for a Prior Attendance (PA) search for enrollment and graduation records (excluding DEGREE TITLES related to HIGH SCHOOL DIPLOMA, ADULT HIGH SCHOOL DIPLOMA, GED, or GED CERTIFICATE) prior to August 15<sup>th</sup> of the fall term. These records are evaluated for enrollment prior to and during the preceding summer. Students with no enrollment or graduation record prior to the fall semester and those who only have an enrollment record in the preceding summer are flagged as potential first-time students.

All potential first-time students are then matched to the NCCCS Data Warehouse to search for course enrollment prior to the fall term in one or more courses where the College Letter Grade does not equal AU, CE, NA, or NS and the Standard Letter Grade does not equal AU and CE. Students with no course enrollment prior to the fall semester and those who enrolled for the first time during the preceding summer are included in the fall cohort. NCCCS Data Warehouse matching is based on an exact match to the STUDENTID and/or an exact match to a standardized and concatenated variable comprised of the LAST NAME, FIRST NAME, MIDDLE INITIAL, and DATE OF BIRTH submitted via the Comprehensive Curriculum Student Report during the fall term.

The following measures are impacted based on the First-Time Fall Cohort:

- Student Success Rate in College-Level English Courses
- Student Success Rate in College-Level Math Courses
- First Year Progression
- Curriculum Completion

#### **Data Sources**

- Comprehensive Curriculum Student Report
- National Student Clearinghouse