

Planning Council Review
Licensure and Certification Passing Rate Performance Measure
2022 & 2023 Performance Measures for Student Success Reports

Performance Measure: Licensure and Certification Passing Rate

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

Description: Weighted index score of first-time test-taker results on licensure and certification exams. Exams included in this measure are state mandated exams which candidates must pass before becoming active practitioners. Weights are based on the tier associated with the related instructional program.

Calculation:

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 × LD1) + (LIS2 × LD2) + ...]

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

Total Index Score: Total Numerator divided by Total Denominator

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 North Carolina
- 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

2022 NCCCS Performance Measures for Student Success Report	2023 (draft) NCCCS Performance Measures for Student Success Report
Excellence: 1.073	Excellence: 1.069
Avg Band Max: 1.027	Avg Band Max: 1.026
Avg Band Min: 0.937	Avg Band Min: 0.938
Baseline: 0.800	Baseline: 0.806

Year	Test Takers	Weighted Test Takers	Passers	Weighted Passers	Weighted Index Score
2017-18 2019 NCCCS Report	255	277	199	219	1.00
2018-19 2020 NCCCS Report	301	325	230	253	0.98
2019-20 2021 NCCCS Report	215	236	185	205	1.04

Source: NCCCS Performance Measures for Student Success Report.

Year	Test Takers	Weighted Index Score
2020-21 2022 NCCCS Report	263	1.004
2021-22 2023 NCCCS Report	245	1.099

Individual licensure and certification exam passing rate results are provided in the pages that follow in alphabetical order by exam title.

- BLET
- Dental Hygiene
- Detention Officer
- EMT-Basic
- EMT-Paramedic
- EMT-Advanced
- Fire Inspection
- Nurse Aide
- Practical Nursing
- Real Estate
- Registered Nursing

Overall assessment of Performance Measure: *(Based on the performance measure data, provide a narrative of your analysis of the results. State any changes you plan to make for continuous improvement.)*

Licensure and Certification Passing Rate (PM6) ensures programmatic coursework prepares students to practice competently in their chosen profession. PM6 is the only performance measure that evaluates Curriculum and Workforce Continuing Education programs because both academic areas have state-mandated exams that candidates must pass before becoming active practitioners.

The College achieved an overall index score of 1.004 for the 2022 Report and 1.099 for 2023 Report, resulting in a yellow and platinum on the “stop light” report (within average band; met or exceeded excellence level). . WCC’s percent passing rate is 87% as compared to the NCCCS Average of 77% for the 2023 Report. WCC ranked in 3rd place out of all 58 colleges (Caldwell-1.159, Cape Fear-1.103). Ranking by FTE size, WCC came in 2nd place out of seven colleges (Caldwell, Wayne, Johnston, Coastal Carolina, Davidson-Davie, Alamance, and Sandhills). Ranking by enrollment under 18, WCC was in 1st place out of 17 colleges (Wayne, Western Piedmont, Carteret, Asheville-Buncombe, Johnston, Haywood, Rockingham, Craven, Blue Ridge, Stanly, Davidson-Davie, Gaston College, Nash, Alamance, Brunswick, Rowan-Cabarrus, and Bladen).

2021-2024 Action / Strategy Items:

(Identify and address measure assessments resulting from the review of the data. Targets are established on a three-year cycle to provide ample time to address the action and achieve measurable results.)

Item	Action / Strategy Items <i>(Identify action items as a result of measure assessment.)</i>	Assessment of Action Items <i>(How will you assess the results of action items?)</i>
1	Test preparation	a) Review course and requirements for all licensure/certification exams. b) BLET - add five additional days to last day of classes specifically for review of state exam. c) Nurse Aide – focus on skills lab and coursework. d) EMT – build-in post exam reviews. e) Real Estate – stress the importance of the exam and how it affects the institution’s performance.
2	Share results with faculty	Implement changes and/or improvements within course to help focus on those deficiencies.
3	Meet with Licensure/Certification program coordinators	a) Schedule individual discussions with program coordinators. b) Discussion of the measures and performance results. c) Implement measures to increase the results for those measures.

BLET

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	27	25	93%	
2018	2016-17	27	25	93%	
2019	2017-18	23	19	83%	1.11
2020	2018-19	33	21	64%	0.68
2021	2019-20	18	14	78%	0.91
2022	2020-21	11	*	*	*
2023	2021-22	unknown	*	*	*

Dental Hygiene

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	25	22	88%	
2018	2016-17	28	23	82%	
2019	2017-18	17	14	82%	0.95
2020	2018-19	27	23	85%	0.95
2021	2019-20	26	26	100%	1.03
2022	2020-21	26	26	100%	1.03
2023	2021-22	unknown	unknown	unknown	1.04

Detention Officer

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	29	28	97%	
2018	2016-17	18	17	94%	
2019	2017-18	16	14	88%	0.97
2020	2018-19	14	14	100%	1.08
2021	2019-20	14	14	100%	1.09
2022	2020-21	14	*	*	*
2023	2021-22	unknown	*	*	*

EMR

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2020	2018-19	11	5	45%	1.00
2021	2019-20	10	8	80%	1.12
2022		Exam not included in state mandated exams for performance measures.			

EMT-Basic

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	57	49	86%	
2018	2016-17	57	49	86%	
2019	2017-18	36	27	75%	1.05
2020	2018-19	44	36	82%	1.22
2021	2019-20	29	26	90%	1.10
2022	2020-21	37	31	84%	1.17
2023	2021-22	Unknown	Unknown	Unknown	1.31

EMT-Paramedic

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2013	2011-12	11	10	91%	
2014	2012-13	3	3	100%	
2015	2013-14	7	7	100%	
2016	2014-15	7	7	100%	
2017	2015-16	3	0	0%	
2018	2016-17	4	2	50%	
2019	2017-18	6	3	50%	0.66
2020	2018-19	7	4	57%	0.80
2021	2019-20	10	10	100%	1.10
2022	2020-21	9	*	*	*
2023	2021-22	Unknown	*	*	*

Fire Inspection

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2019	2017-18	15	9	60%	1.19
2020	2018-19	20	13	65%	1.10
2021	2019-20	14	9	64%	1.05
2022	2020-21	21	9	43%	0.72
2023	2021-22	Unknown	Unknown	Unknown	0.99

Nurse Aide

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2019	2017-18	83	56	67%	0.91
2020	2018-19	82	56	68%	0.88
2021	2019-20	43	33	77%	1.00
2022	2020-21	78	60	77%	0.97
2023	2021-22	unknown	unknown	unknown	1.00

Practical Nursing

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	15	15	100%	
2018	2016-17	17	17	100%	
2019	2017-18	20	20	100%	0.15
2020	2018-19	15	13	87%	0.91
2021	2019-20	15	13	87%	0.95
2022	2020-21	15	*	*	*
2023	2021-22	unknown	*	*	*

Registered Nursing

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	33	33	100%	
2018	2016-17	27	25	93%	
2019	2017-18	37	34	92%	1.02
2020	2018-19	39	39	100%	1.1
2021	2019-20	29	29	100%	1.10
2022	2020-21	38	33	89%	1.03
2023	2021-22	unknown	unknown	unknown	1.11

Real Estate Sales

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score
2017	2015-16	4	1	25%	
2018	2016-17	1	0	0%	
2019	2017-18	4	4	100%	1.5
2020	2018-19	9	6	67%	1.13
2021	2019-20	7	3	43%	0.87
2022	2020-21	14	*	*	*
2023	2021-22	unknown	*	*	*