Planning Council Review
Licensure and Certification Passing Rate Performance Measure
2020-21 Performance Measure Year End Reporting Form

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:
License Index Score (LIS): First time pass rate on an exam divided by the statewide first-time pass rate on same exam

License Weighted Denominator (LWD): Number of first-time test-takers for an exam multiplied by the exam tier weight (Tier 1A = 1.30, Tier 1B = 1.15, Tier 2/3 = 1.00)

Total Weighted Denominator (TWD): Sum of License Weighted Denominators across all exams (LWD1+LWD2+LWD3+…)

Total Weighted Numerator (TWN): Sum of the product of each License Index Score and their License Weighted Denominator [(LIS1 × LWD1) + (LIS2 × LWD2) + (LIS3 × LWD3) + …)

Total Weighted Index Score: Total Weighted Numerator (TWN) divided by Total Weighted Denominator (TWD)

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

Baseline and excellence levels were calculated based on institutional outcomes associated with the 2019-20 results.

Excellence level: 1.09
Baseline level: 0.75

(2021 NCCCS Performance Measures for Student Success Report)

**Reporting change**: In the 2019-20 reporting year, Wayne Community College established baselines, standards, and targets based on WCC's average college performance of the NCCCS measures and were the same as those set in the WCC Strategic Plan for Institutional Effectiveness. Prior to 2021 NCCCS Performance Measures for Student Success Report, baseline and excellence levels remained constant and were reset on a three-year cycle. However, to better respond to external factors affecting the measure(s), baselines and excellence levels are now changed annually based on the most recent results of those measures by the NCCCS office. As a result of this significant change, WCC's Planning Council made the decision to move the review of Performance Measures from an ad hoc subcommittee approach to a review and discussion with the entire Planning Council at their September 23, 2021 meeting.   The intent of this format is to involve the entire Planning Council in meaningful discussion of the measures to achieve actionable items for improvement of the measures. This report reflects the overview of the discussion, along with the action items identified by the review.

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.

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
- EMR
- EMT-Basic
- EMT-Paramedic
- 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 created a weighted index score of first-time test-taker results on licensure and certification exams. 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 1.04 index score, resulting in a yellow on the "stop light" report (below excellence level, above college average). For the reporting year 2020, the NCCCS baseline for PM6 was 0.75 weighted index score, the NCCCS college average for PM6 was 0.98 weighted index score, and the NCCCS excellence level was 1.09 weighted index score. WCC ranked 14 out of the 58 NCCCS colleges.

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 *(Identify action items as a result of measure assessment.)*	Assessment of Action Items *(How will you assess the results of action items?)*
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

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

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

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

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

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

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

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

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

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

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

NCCCS Report	Exam Year	# Tested	# Passed	% Passing	Index Score