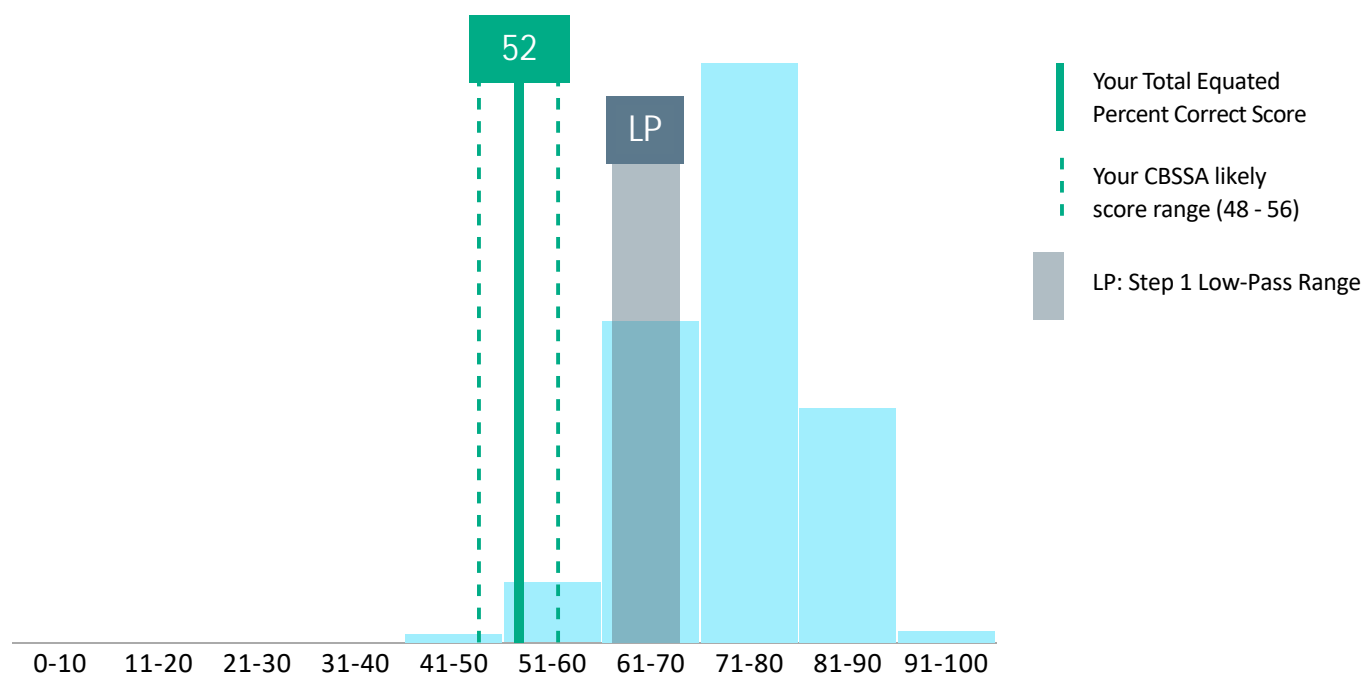| Name: MATHIS, KRISTINA	Test Date: 5/6/2024

Total Equated Percent Correct Score: 52%

The chart below represents the performance of a 2022 national cohort of students from LCME-accredited medical schools. Your total equated percent correct (EPC) score on this CBSSA exam is shown along with a range that corresponds to low passing performance (above but near the minimum passing standard) on the United States Medical Licensing Examination® (USMLE®) Step 1.

Based on your performance on this CBSSA, your estimated probability of passing Step 1 if you test within a week is 51%.

Legend:
- Your Total Equated Percent Correct Score
- Your CBSSA likely score range (48 - 56)
- LP: Step 1 Low-Pass Range

Interpreting Your Overall Results:

- Readiness for Step 1: Since CBSSA and Step 1 cover very similar content, CBSSA performance can be used in conjunction with other information to assess readiness for Step 1. However, if you take CBSSA under conditions that differ from the conditions under which you will be taking Step 1 (e.g., you used self-paced timing on CBSSA or consulted resources while testing), or if the CBSSA that you have taken contains the same questions that were on a CBSSA that you took previously, the information in this report will not be as reliable in helping you evaluate your readiness to take Step 1.

- Your CBSSA equated percent correct score represents the percentage of the content that you have mastered. It has been statistically adjusted to account for slight variations in exam form difficulty and may be slightly lower or higher than the actual percentage of questions you answered correctly on this specific form.

- **Your estimated probability of passing Step 1** can range from 1 to 99% and is calculated using a statistical model, updated annually, based on examinees who tested within one week of taking Step 1 for the first time (last updated on July 12, 2023). If you tested more than a week before you are scheduled to take it, your estimated probability may be different.

- **Your estimated probability is not a guarantee of your future Step 1 performance.** Many factors (e.g., changing levels of knowledge) may impact your performance on Step 1.

- Your likely score range indicates how much your score could change if you took CBSSA again without learning or forgetting any information. Under those conditions, your subsequent CBSSA score would fall within 4 points of your current score two-thirds of the time.

- A PDF version of your report is typically available within 4 hours. To review your score before then, log in to MyNBME℠ Examinee Portal, click on the registration ID associated with this assessment, then click Review Your Results Interactively.

NBME® SELF-ASSESSMENTS

COMPREHENSIVE BASIC SCIENCE SELF-ASSESSMENT (CBSSA)
EXAMINEE PERFORMANCE REPORT

NBME®

Name: MATHIS, KRISTINA	Test Date: 5/6/2024

Interpreting Your Content Area Results:

- Your equated percent correct (EPC) scores indicate the percentage of the content that you have mastered. EPC scores may be slighty lower or higher than the actual percentage of questions you answered correctly on this specific exam form because they are statistically adjusted to account for slight variations in exam form difficulty.

- The comparison group average EPC score represents the estimated performance of the 2022 cohort of Step 1 first-takers from LCME-accredited medical schools on CBSSA.

- The green boxes indicate whether your performance was statistically lower, about the same, or statistically higher than the performance of the comparison group after taking into account the precision of each content area score. Content area EPC scores are less precise than total test EPC scores, so small differences in content area scores should not be overinterpreted.

- **You may use this report to identify areas of strength and weakness**. Keep in mind that some content areas are more difficult than others, and some comprise larger portions of the exam.

- **The percentage of questions contributing to each content area** stays in the same range as shown in the column labeled % of Questions across CBSSA, CBSE (Comprehensive Basic Science Examination), and Step 1 exam forms. The percentages may not add up to 100%.

	Your EPC Score	Comparison Group Average EPC Score	Score Comparison: Lower Same Higher	% of Questions
Performance by Physician Task				
Medical Knowledge: Applying Foundational Science Concepts	51	71	▆	60-70%
Patient Care: Diagnosis	48	77	▆	20-25%
Practice-based Learning and Improvement: Evidence-Based Medicine	46	77	▆	4-6%

Name: MATHIS, KRISTINA   Test Date: 5/6/2024

	Your EPC Score	Comparison Group Average EPC Score	Score Comparison: Lower Same Higher	% of Questions
Performance by System				
General Principles	31	70	■	12-16%
Behavioral Health & Nervous Systems/Special Senses	54	73	■	9-13%
Reproductive & Endocrine Systems	55	74	■	9-13%
Respiratory and Renal/Urinary Systems	55	70	■	9-13%
Blood & Lymphoreticular/Immune Systems	57	74	■	7-11%
Multisystem Processes & Disorders	61	74	■	6-10%
Musculoskeletal, Skin & Subcutaneous Tissue	51	76	■	6-10%
Cardiovascular System	37	71	■	5-9%
Gastrointestinal System	54	73	■	5-9%
Biostatistics & Epidemiology/Population Health	46	77	■	4-6%

Name: MATHIS, KRISTINA   Test Date: 5/6/2024

	Your EPC Score	Comparison Group Average EPC Score	Score Comparison: Lower Same Higher	% of Questions
Performance by Discipline				
Pathology	53	74	Lower	44-52%
Physiology	50	73	Lower	25-35%
Microbiology & Immunology	47	72	Lower	16-26%
Biochemistry & Nutrition	52	73	Lower	14-24%
Pharmacology	51	75	Lower	15-22%
Gross Anatomy & Embryology	35	68	Lower	11-15%
Behavioral Sciences	84	84	Same	8-13%
Histology & Cell Biology	49	71	Lower	8-13%
Genetics	34	71	Lower	5-9%

Name: MATHIS, KRISTINA   Test Date: 5/6/2024

This report summarizes your overall and content area longitudinal performance based on up to six previous Comprehensive Basic Science Self-Assessment (CBSSA) administrations purchased on or after July 12, 2023.

Please remember that estimated performance based on taking CBSSA is not a guarantee of future performance on Step 1. Many factors may impact performance on Step 1.
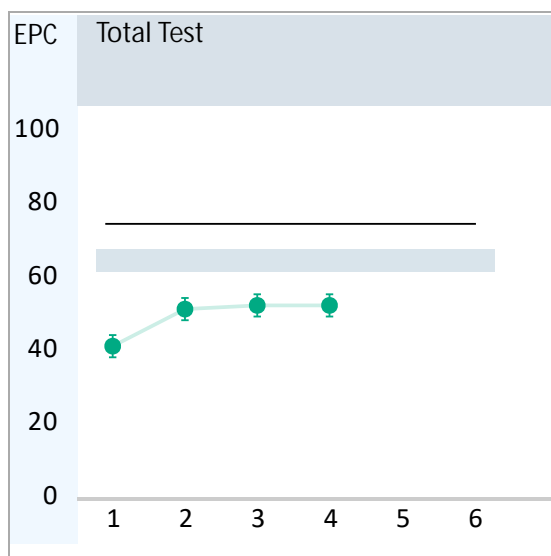
Your Overall Performance History

You may use the information below as a reminder of which CBSSA form(s) you have already taken, when, and your total equated percent correct (EPC) score(s). EPC scores indicate the percentage of the content that you have mastered. They are statistically adjusted to account for slight variations in exam form difficultly and may be slightly lower or higher than the actual percentage of questions you answered correctly on each specific exam form.

	Test Date	Form	Total EPC Score
1	03/23/2024	27	41
2	04/16/2024	30	51
3	04/26/2024	26	52
4	05/06/2024	31	52

Your Overall Performance Longitudinal Graph

- The green circles represent your total EPC scores and the **green vertical lines** represent score precision, or how much your score could change if you tested again without learning or forgetting.

- The black line represents the average performance of Step 1 first-takers from LCME-accredited medical schools on CBSSA.

- The shaded area represents low passing performance (above but near the minimum passing score) on Step 1.

- When looking for patterns, consider the precision of scores. If the vertical lines for two scores overlap between administrations, your performance was not significantly different on those administrations.

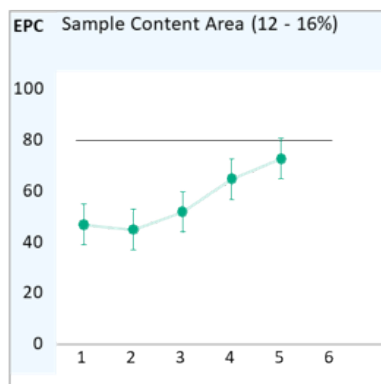- Please visit the CBSSA section of the NBME website for additional guidance.

Name: MATHIS, KRISTINA   Test Date: 5/6/2024

Interpreting Content Area Performance Longitudinal Graphs

The content area performance longitudinal graphs can be interpreted like the overall performance longitudinal graph.

- The green circles represent your content area EPC scores and the **green vertical lines** represent score precision. Content areas that comprise larger portions of the exam are more precise.

- The **percentage of questions** contributing to each content area is shown in parentheses.

- The black line represents the average estimated performance of Step 1 first-takers from LCME-accredited medical schools on CBSSA. There is no passing standard for individual content areas.

- When looking for patterns, consider the precision of scores. If the vertical lines for two scores overlap between administrations, your performance was not significantly different on those administrations.
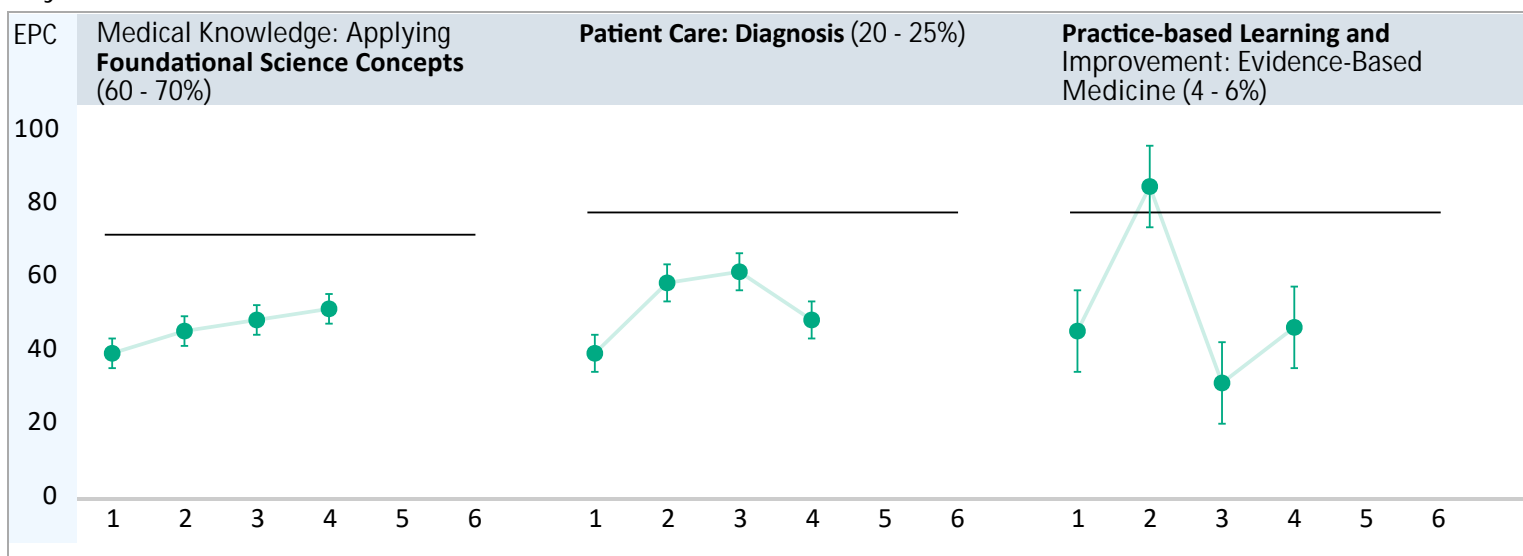

Sample Graph Interpretation

In the sample longitudinal graph to the left, there is overlap among the scores for attempts 1, 2, and 3; 3 and 4; as well as 4 and 5. Performance within those clusters was similar.

In turn, performance on attempt 4 was significantly higher compared to attempts 1 and 2 (no overlap), and performance on attempt 5 was significantly higher compared to attempts 1, 2, and 3 (again, no overlap).

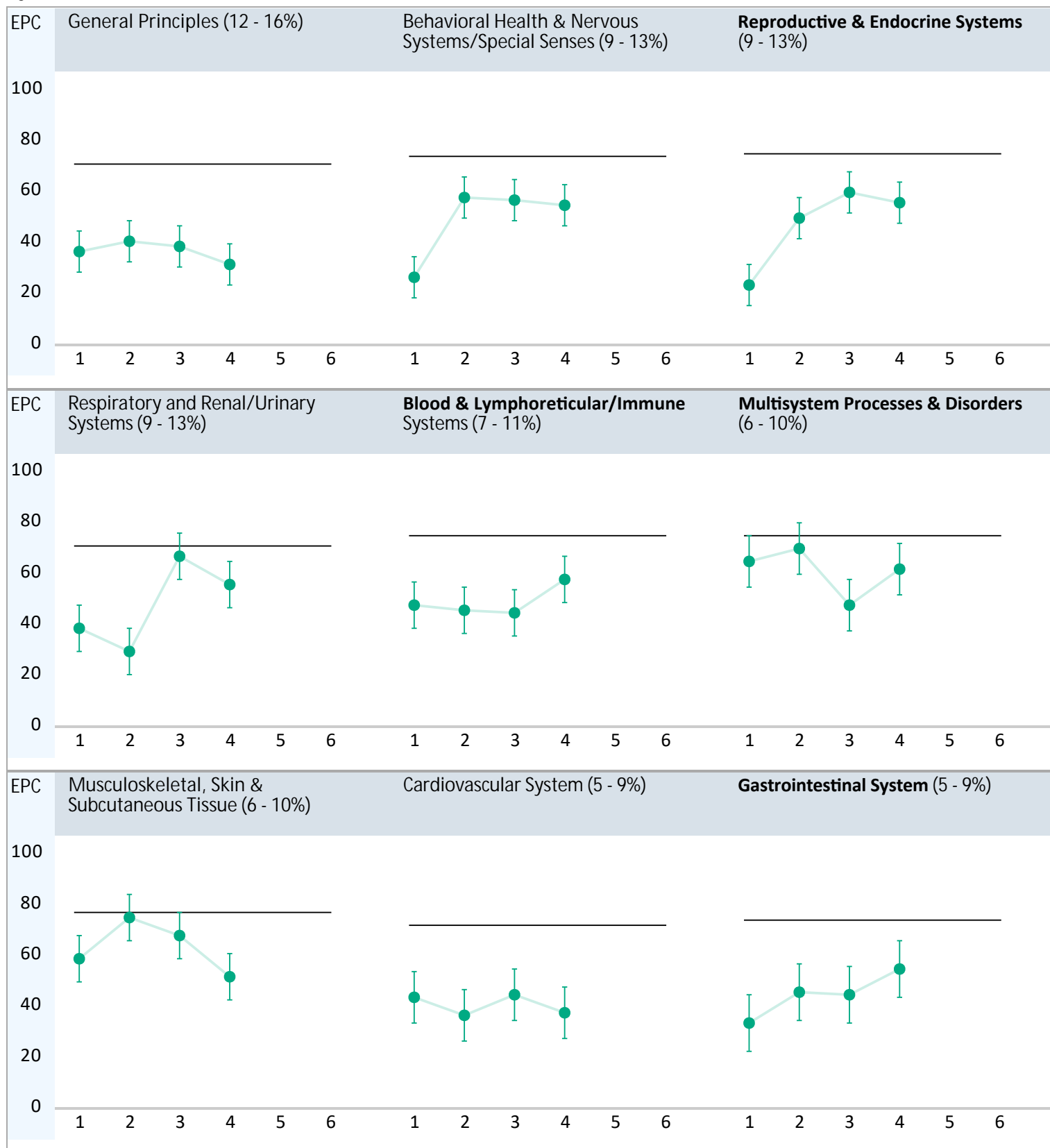## Your Content Area Performance Longitudinal Graphs

Physician Task

Name: MATHIS, KRISTINA   Test Date: 5/6/2024
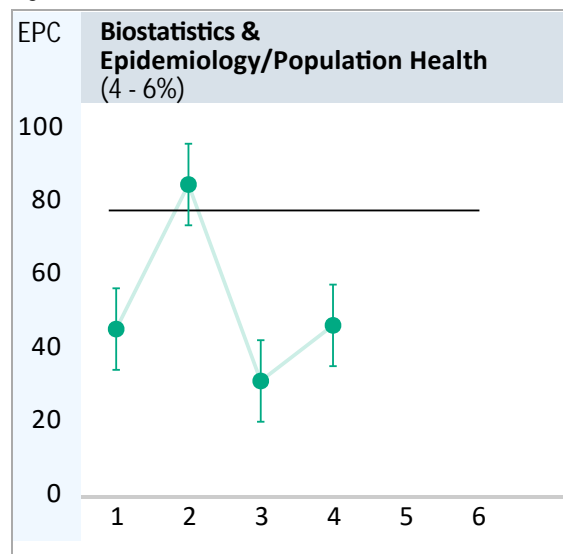
Your Content Area Performance Longitudinal Graphs
System

Name: MATHIS, KRISTINA

Test Date: 5/6/2024

Your Content Area Performance Longitudinal Graphs
System

Name: MATHIS, KRISTINA

Test Date: 5/6/2024

Your Content Area Performance Longitudinal Graphs

Discipline