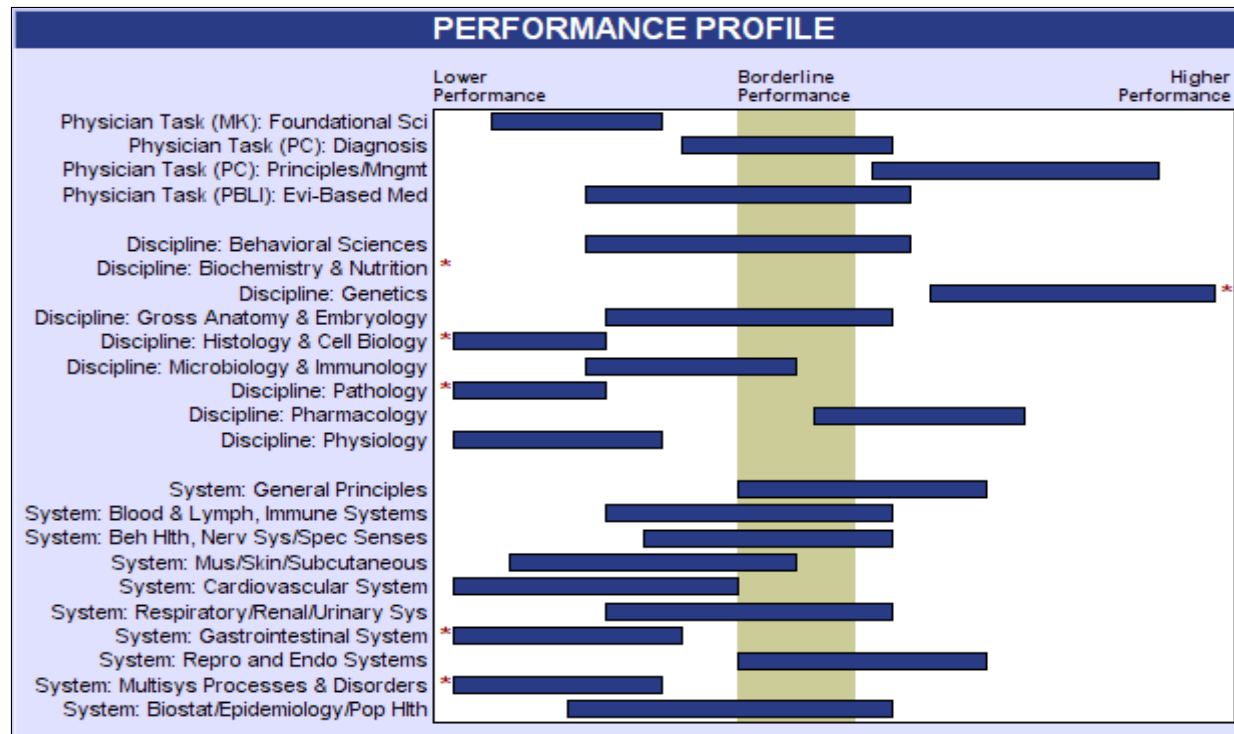


National Board of Medical Examiners®

NBME® Comprehensive Basic Science Self-Assessment (CBSSA) Performance Profile

Name: Daniel Roper

Test Date: 3/27/2018
Assessment Score: 320



The material presented in this self-assessment is provided by the National Board of Medical Examiners (NBME®) for educational purposes only. The CBSSA is not intended to predict a participant's performance on USMLE®. Rather, the CBSSA is designed to serve as a tool to determine areas of relative strength and weakness in the basic sciences.

The score you received, indicated above in the top right hand corner, ranges from 10 to 800. It is scaled to have a mean of 500 and a standard deviation of 100 in a reference group of USMLE Step 1 first-takers from accredited U.S. medical schools.

The Performance Profile is provided to aid in self-assessment. The shaded region defines a borderline level of performance for each content area. Performance bands indicate areas of relative strength and weakness. Some bands are wider than others. The width of a performance band reflects the precision of measurement: narrower bands indicate greater precision. An asterisk indicates that your performance band extends beyond the displayed portion.

of the scale. Small differences in the location of bands should not be over-interpreted. If two bands overlap, performance in the associated areas should be interpreted as similar. Because CBSSA is designed to be integrative, many items contribute to more than one content area. Thus, caution should be used when interpreting differences in performance across content areas. While not all content areas are included in every form, overall content coverage is comparable in the various forms of CBSSA.

Additional information concerning the topics covered in each content area can be found in the *USMLE Step 1 Content Description and Sample Test Materials* (www.usmle.org).

**National Board of Medical Examiners®
Self-Assessment Services**

**Score Interpretation Guide
NBME® Comprehensive Basic Science Self-Assessment (CBSSA)**

This guide will help you interpret the Assessment Score you received on your CBSSA Performance Profile. While the CBSSA is provided by the NBME for educational purposes only and is not intended to predict performance on Step 1, NBME research demonstrates that under certain circumstances there is a moderate relationship between performance on CBSSA and subsequent Step 1 [\[1\]\[2\]](#).

Step 1 scores are reported on a three-digit scale with a mean ranging from 228 to 229 and a standard deviation of approximately 20. CBSSA scores are scaled to have a mean of 500 and a standard deviation of 100. Both means are based on the performance of USMLE Step 1 first-time examinees from accredited US medical schools. The following information is provided in response to user requests to “translate” the CBSSA score scale to the USMLE score scale. The NBME does not warrant that any individual performance on CBSSA will predict performance on USMLE Step 1 and cautions users of CBSSA against making any predictive inferences.

In the following table, locate your CBSSA score and find the approximate corresponding Step 1 score in the adjacent column. (For example, if your CBSSA score is 390, it approximates a Step 1 three-digit score of 205.)

Please note that CBSSA forms vary in difficulty and the forms also are generally easier than Step 1 forms. For this reason, the number of incorrect answers that was provided when you finished your exam should not be compared to your number incorrect on a different CBSSA form. You should also avoid using your number of incorrect answers on CBSSA to predict your performance on Step 1. However, the assessment score that is provided on your score report does adjust for differences in difficulty and can be compared across forms and used to locate your approximate Step 1 score based on your performance on CBSSA at this point in time under the same testing conditions. Different testing conditions, including the high stakes nature of Step 1, may affect your score. Similarly, testing at a future date may be affected by learning or forgetting.

The level of proficiency required to pass USMLE Step examinations is reviewed periodically and may be adjusted at any time. Visit the USMLE website at www.usmle.org for the most current information about the level of proficiency required to pass Step 1.

On the Performance Profile: MK—Medical Knowledge; PC—Patient Care; PBLI—Practice-based Learning and Improvement.

CBSSA Score	Approximate Step 1 Three-Digit Score	CBSSA Score	Approximate Step 1 Three-Digit Score
800	290	400	207
790	288	390	205
780	286	380	203
770	284	370	200
760	282	360	198
750	280	350	196
740	277	340	194
730	275	330	192
720	273	320	190
710	271	310	188
700	269	300	186
690	267	290	184
680	265	280	182
670	263	270	180
660	261	260	178
650	259	250	175
640	257	240	173
630	255	230	171
620	252	220	169
610	250	210	167
600	248	200	165
590	246	190	163
580	244	180	161
570	242	170	159
560	240	160	157
550	238	150	155
540	236	140	153
530	234	130	150
520	232	120	148
510	230	110	146
500	228	100	144
490	225	90	142
480	223	80	140
470	221	70	138
460	219	60	136
450	217	50	134

440	215	40	132
430	213	30	130
420	211	20	128
410	209	10	< 128

November 2016

[1] [Using the NBME Self-Assessments to Project Performance on USMLE Step 1 and Step 2: Impact of Test Administration Conditions](#), *Academic Medicine*, Vol. 79, No. 10/ October Supplement 2004

[2] [Relationship Between Performance on the NBME Comprehensive Basic Sciences Self-Assessment and USMLE Step 1 for U.S. and Canadian Medical School Students](#), *Academic Medicine*, 85(10):S98-S101, October 2010.