

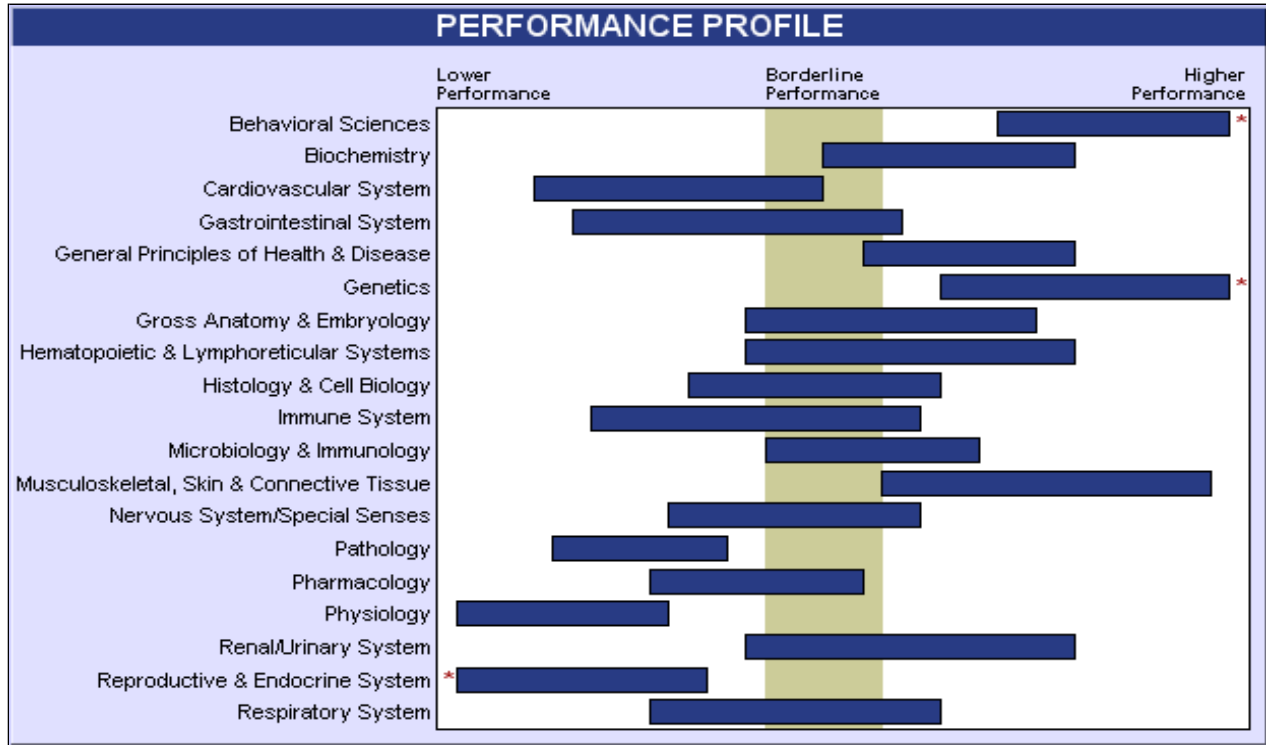
National Board of Medical Examiners®

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

Name: Examinee

Test Date: 3/17/2014

Assessment Score: 380



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 220 to 230 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.)

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.

CBSSA Score	Approximate Step 1 Three-Digit Score	CBSSA Score	Approximate Step 1 Three-Digit Score
800	292	400	207
790	290	390	205
780	288	380	202
770	286	370	200
760	283	360	198
750	281	350	196
740	279	340	194
730	277	330	192
720	275	320	190
710	273	310	188
700	271	300	185
690	269	290	183
680	266	280	181
670	264	270	179
660	262	260	177
650	260	250	175
640	258	240	173
630	256	230	170
620	254	220	168
610	251	210	166
600	249	200	164
590	247	190	162
580	245	180	160
570	243	170	158
560	241	160	156
550	239	150	153
540	237	140	151
530	234	130	149
520	232	120	147
510	230	110	145
500	228	100	143
490	226	90	141
480	224	80	139
470	222	70	136
460	220	60	134
450	217	50	132
440	215	40	130
430	213	30	128
420	211	20	126
410	209	10	< 126

January 2014

[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.



National Board of Medical Examiners®

NBME® Comprehensive Basic Science Self-Assessment (CBSSA)

Name: Examinee

Test Date: 3/10/2014

Performance Profile

	Total Incorrect*	% Marked
Overall Assessment	62	1%

Click on a category to view **incorrect** questions for that category.

Detailed Analysis by Content			
	Total Incorrect*	Average Time per Question in Seconds	% Marked
Behavioral Sciences	2	65.2	0%
Biochemistry	6	93.9	0%
Cardiovascular System	6	95.2	6.3%
Gastrointestinal System	6	92.7	0%
General Principles of Health & Disease	14	78.1	0%
Genetics	2	69.7	0%
Gross Anatomy & Embryology	6	69.8	0%
Hematopoietic & Lymphoreticular Systems	2	80.1	0%
Histology & Cell Biology	9	86.5	0%
Immune System	3	50.6	0%
Microbiology & Immunology	8	72.4	0%
Musculoskeletal, Skin & Connective Tissue	3	63.5	0%
Nervous System/Special Senses	9	63.2	0%
Pathology	32	82.3	2.2%
Pharmacology	15	73.4	0%
Physiology	28	89.5	1.6%
Renal/Urinary System	4	85.4	7.7%
Reproductive & Endocrine Systems	10	80.7	0%
Respiratory System	5	73.4	0%

*Because CBSSA is designed to be integrative, many items contribute to more than one score category.