



# National Board of Medical Examiners Customized Examination Percent Correct Score Descriptive Statistics

School: 000000 - Generic Medical School

Test Dates: MM/DD/YYYY to MM/DD/YYYY

Examination Name: Examination Name

Order ID: C00000

Percent correct score descriptive statistics appear below for the total test and all content areas defined by your school. If a scaling group was identified for this order or an item analysis was produced, reliability and the standard error of measurement (SEM) values will also appear. If your order has only one examinee, descriptive statistics will only appear for the total test and content areas with at least 20 items. For more information on interpreting percent correct scores, please see the performance interpretation guidelines provided with your feedback.

The reliability coefficient estimate refers to a score's expected consistency. An examination score is reliable to the extent that administration of a different random sample of items from the same content domain would result in little or no change in a candidate's rank order in the group. Reliability is affected by the homogeneity of the items and of the candidates, as well as by the length of the examination. Measurement error is present in all test scores, and the SEM provides an index of the imprecision of scores. The SEM is expressed on the same scale as the test scores and can be used to construct confidence intervals around the scores. For example, if an examinee receiving a Total Test percent correct score of 60 was tested repeatedly with similar exams, 95% of the scores received should fall between 52 and 68 (60 plus/minus two times an SEM of 4).

If a scaling group was identified for this order, the reliability and SEM below are computed based on the scaling group of examinees excluding examinees who did not take the exam under standard timing conditions, examinees scoring more than 3 standard deviations below the mean, examinees who omitted more than 10% of the items, and other examinees that were removed at the request of your school. If a scaling group was not identified for this examination and an item analysis was produced, then the reliability and SEM are computed based on the examinees used for the item analysis. If a scaling group was not identified, had too few examinees, or there were not enough examinees for an item analysis, the reliability and SEM were not computed.

ID	Content Area	N Items	SEM	Reliability	Mean	Total Group (N=100)		
						SD	Low	High
	Total Test	100	4	0.74	83.8	7.4	58	97
1	Content Area 1	60	5	0.65	82.7	8.3	55	98
2	Content Area 2	72	4	0.65	83.6	7.7	51	99
*	Content Area 3	10	11	0.36	83.3	13.5	30	100
*	Content Area 4	19	10	0.21	86.0	11.1	55	100
*	Content Area 5	13	10	0.34	81.0	13.7	31	100

\* This content area does not appear on the roster but may appear on the individual performance profile.

## Total Test Percent Correct Score Frequency Distribution (Based on All Examinees Tested)

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Total Test Percent Correct		Frequency		Cumulative Frequency	
Score	Count	%	Count	%	
58	1	1	1	1	
66	1	1	2	2	
68	3	3	5	5	
69	1	1	6	6	
70	3	3	9	9	
73	3	3	12	12	
74	3	3	15	15	
75	4	4	19	19	
76	1	1	20	20	
77	3	3	23	23	
78	4	4	27	27	
79	3	3	30	30	
80	8	8	38	38	
81	2	4	40	40	
82	4	7	44	44	

Total Test Percent Correct		Frequency		Cumulative Frequency	
Score	Count	%	Count	%	
84	5	5	49	49	
85	5	5	54	54	
86	7	7	61	61	
87	7	7	68	68	
88	7	7	75	75	
89	4	4	79	79	
90	1	1	80	80	
91	4	4	84	84	
92	2	2	86	86	
93	3	3	89	89	
94	3	3	92	92	
95	3	3	95	95	
96	2	2	97	97	
97	3	3	100	100	

## Roster of Percent Correct Scores

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Order ID: C00000

ID	Name	Total Test % Correct Score	Content Area ID* (% Correct Scores)	
			1	2
0000001	EXAMINEE A	73	70	80
0000002	EXAMINEE B	94	87	91
0000003	EXAMINEE C	87	84	83
0000004	EXAMINEE D	65	75	65
0000005	EXAMINEE E	90	81	91

\* Refer to Descriptive Statistics page for content area names. Note that if no scores are listed, no content areas with at least 20 items were selected to appear on the roster.