

SUBJECT EXAMINATION PROGRAM

SUBJECT EXAMINATION

ITEM ANALYSIS REPORT



000000 - Generic Medical School
Reporting Group: Medical Students
Test Purpose: During Instruction/Training
N Scored Items: 100

Test Date(s): mm/dd/yyyy
Order ID: A00000
N Examinees: 100

NBME® Subject Examinations provide institutions with one tool for measuring examinees' understanding of the basic biomedical and clinical sciences. While responsibility for use of Subject Examinations lies with the institution, this report provides item analysis results to assist in carrying out that responsibility.

Using item-level results:

- An item-by-item summary of performance is provided to help identify specific areas of strength and weakness for your students, and to help determine the extent to which they have learned the content of individual items.
- Content area classifications may include a Physician Task/Competency that appears at the beginning of the item description, including:
 - FOUNDATION: Clinically relevant basic science principles and concepts
 - DIAGNOSIS: Knowledge pertaining to history, exam, diagnostic studies, and patient outcomes
 - PREVENTION: Health maintenance, disease prevention, and surveillance for disease recurrence
 - MANAGEMENT: Medical or surgical treatment strategies, including pharmacotherapy
- Keep in mind that lower achievement may be due to lack of understanding or lack of emphasis in course coverage.

Additional resources:

- More information about all Subject Examinations, including content outlines and answers to frequently asked questions, is available at <https://www.nbme.org/assessment-products/assess-learn>.

The Item Analysis Report is provided solely for faculty use to better understand examinee performance. The written authorization of NBME must be obtained prior to any other use of the information contained in this report.

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The following pages provide the United States Medical Licensing Examination® (USMLE®) Step 2 CK content description for each scored item on this Subject Examination, along with the percentage of examinees from your institution (School) and from a national comparison group (National) who answered each item correctly. The comparison group consists of first-time takers from LCME-accredited medical schools who took a form of this examination for end-of-clerkship purposes, under standard timing conditions, between mm/dd/yyyy and mm/dd/yyyy. The percentages reported represent the difficulty of the items for the examinees at your institution and for the comparison group. In addition, differences between the percentages for your examinees and for the national comparison group are shown in the last column. Items are sorted alphabetically by content description and in ascending order by item difficulty (% Answering Correctly) for your institution.

Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
1) Diagnosis: Behavioral health: anxiety disorders	60%	67%	-7%
2) Diagnosis: Blood and lymphoreticular system: cythemias	80%	91%	-11%
3) Diagnosis: Blood and lymphoreticular system: cytopenias	90%	76%	14%
4) Diagnosis: Cardiovascular system: diseases of the myocardium	100%	78%	22%
5) Diagnosis: Cardiovascular system: diseases of the pericardium	70%	80%	-10%
6) Diagnosis: Cardiovascular system: disorders of the great vessels	80%	89%	-9%
7) Diagnosis: Cardiovascular system: heart failure	60%	83%	-23%
8) Diagnosis: Cardiovascular system: hypertension	100%	79%	21%
9) Diagnosis: Cardiovascular system: ischemic heart disease	70%	74%	-4%
10) Diagnosis: Cardiovascular system: valvular heart disease	70%	67%	3%
11) Diagnosis: Endocrine system: adrenal disorders	70%	69%	1%
12) Diagnosis: Endocrine system: diabetes mellitus	90%	94%	-4%
13) Diagnosis: Endocrine system: diabetes mellitus	100%	95%	5%
14) Diagnosis: Endocrine system: pituitary disorders	80%	87%	-7%
15) Diagnosis: Gastrointestinal system: bacterial infections	100%	78%	22%
16) Diagnosis: Gastrointestinal system: disorders of the biliary system	90%	73%	17%
17) Diagnosis: Gastrointestinal system: disorders of the small intestine, colon	50%	58%	-8%
18) Diagnosis: Gastrointestinal system: fungal infections	80%	68%	12%
19) Diagnosis: Gastrointestinal system: malignant neoplasms	40%	49%	-9%
20) Diagnosis: Multisystem processes and disorders: genetic: intra/extracellular transport receptors	80%	84%	-4%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
21) Diagnosis: Multisystem processes and disorders: immunologic and inflammatory disorders	40%	60%	-20%
22) Diagnosis: Multisystem processes and disorders: shock	20%	40%	-20%
23) Diagnosis: Multisystem processes and disorders: shock	80%	72%	8%
24) Diagnosis: Multisystem processes and disorders: signs, symptoms, and ill-defined disorders	70%	73%	-3%
25) Diagnosis: Multisystem processes and disorders: temperature	30%	67%	-37%
26) Diagnosis: Multisystem processes and disorders: viral infections	60%	72%	-12%
27) Diagnosis: Multisystem processes and disorders: vitamin deficiencies and/or toxicities	90%	84%	6%
28) Diagnosis: Multisystem processes and disorders: vitamin deficiencies and/or toxicities	100%	79%	21%
29) Diagnosis: Musculoskeletal system: degenerative/metabolic disorders: bone/cartilage	90%	92%	-2%
30) Diagnosis: Musculoskeletal system: degenerative/metabolic disorders: joints	20%	77%	-57%
31) Diagnosis: Musculoskeletal system: infectious disorders	10%	45%	-35%
32) Diagnosis: Musculoskeletal system: neoplasms	100%	78%	22%
33) Diagnosis: Nervous system and special senses: disorders of spine, spinal cord, spinal nerve roots	90%	86%	4%
34) Diagnosis: Nervous system and special senses: infectious disorders	80%	71%	9%
35) Diagnosis: Renal and urinary system: immune/inflammatory: glomerular disorders	70%	76%	-6%
36) Diagnosis: Renal and urinary system: immune/inflammatory: tubular interstitial disease	70%	81%	-11%
37) Diagnosis: Renal and urinary system: infectious disorders of the lower tract	40%	42%	-2%
38) Diagnosis: Renal and urinary system: metabolic and regulatory disorders	20%	54%	-34%
39) Diagnosis: Renal and urinary system: traumatic and mechanical disorders	90%	94%	-4%
40) Diagnosis: Renal and urinary system: vascular disorders	80%	87%	-7%
41) Diagnosis: Respiratory system: disorders of the pleura, mediastinum, chest wall	90%	84%	6%
42) Diagnosis: Respiratory system: failure/arrest, pulmonary vascular disorders	70%	82%	-12%
43) Diagnosis: Respiratory system: infectious/immune/inflammatory disorders: lower airways	60%	78%	-18%
44) Diagnosis: Respiratory system: infectious/immune/inflammatory disorders: lower airways	90%	87%	3%
45) Diagnosis: Respiratory system: malignant neoplasms of the lower airways and pleura	90%	87%	3%
46) Diagnosis: Respiratory system: obstructive airway disease	80%	83%	-3%
47) Foundation: Blood and lymphoreticular system: anemias: hemolysis	40%	43%	-3%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
48) Foundation: Blood and lymphoreticular system: neoplasms of blood and lymphatic system	70%	88%	-18%
49) Foundation: Cardiovascular system: congenital disorders	70%	73%	-3%
50) Foundation: Cardiovascular system: infectious disorders	90%	90%	0%
51) Foundation: Gastrointestinal system: disorders of the pancreas	90%	85%	5%
52) Foundation: Gastrointestinal system: Immunologic and inflammatory disorders	50%	55%	-5%
53) Foundation: Male reproductive: adverse effects of drugs	90%	81%	9%
54) Foundation: Male reproductive: infectious disorders	70%	85%	-15%
55) Foundation: Multisystem processes and disorders: fluid volume and electrolyte disorders	10%	47%	-37%
56) Foundation: Musculoskeletal system: adverse effects of drugs	80%	75%	5%
57) Foundation: Musculoskeletal system: inflammatory disorders	40%	57%	-17%
58) Foundation: Renal and urinary system: metabolic and regulatory disorders	80%	79%	1%
59) Foundation: Respiratory system: infectious/immune/inflammatory disorders: lower airways	70%	73%	-3%
60) Foundation: Respiratory system: infectious/immune/inflammatory disorders: upper airways	80%	84%	-4%
61) Foundation: Skin and subcutaneous tissue: papulosquamous and eczematous dermatoses	70%	76%	-6%
62) Gen Principle: Biostat, Epi, Population Health, Lit Interp: measures of association, other	80%	77%	3%
63) Gen Principle: Biostat, Epi, Population Health, Lit Interp: selection bias, sampling bias	60%	60%	0%
64) Gen Principle: Biostat, Epi, Population Health, Lit Interp: sensitivity, specificity, predictive values	80%	68%	12%
65) Gen Principle: Biostat, Epi, Population Health, Lit Interp: statistical vs. clinical significance	100%	69%	31%
66) Gen Principle: Social Sciences: consent and informed consent	70%	65%	5%
67) Gen Principle: Social Sciences: death and dying: hospice	40%	45%	-5%
68) Gen Principle: Social Sciences: death and dying: hospice	80%	87%	-7%
69) Gen Principle: Social Sciences: death and dying: pain management	50%	77%	-27%
70) Gen Principle: Social Sciences: physician-patient relationship	100%	92%	8%
71) Management: Behavioral health: substance abuse disorders	70%	88%	-18%
72) Management: Blood and lymphoreticular system: anemias: disorders of hemoglobin, heme, or membrane	70%	77%	-7%
73) Management: Blood and lymphoreticular system: hypercoagulable disorders	100%	87%	13%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
74) Management: Cardiovascular system: diseases of the pericardium	40%	77%	-37%
75) Management: Cardiovascular system: dysrhythmias	50%	81%	-31%
76) Management: Cardiovascular system: heart failure	90%	88%	2%
77) Management: Endocrine system: hypoglycemia and islet cell disorders	100%	88%	12%
78) Management: Endocrine system: thyroid disorders	70%	70%	0%
79) Management: Gastrointestinal system: adverse effects of drugs	60%	74%	-14%
80) Management: Gastrointestinal system: disorders of the liver	40%	46%	-6%
81) Management: Gastrointestinal system: malignant neoplasms	100%	87%	13%
82) Management: Immune System: deficiency primarily of cell-mediated immunity	60%	68%	-8%
83) Management: Immune System: HIV/AIDS	80%	86%	-6%
84) Management: Immune System: hypersensitivity reactions	50%	74%	-24%
85) Management: Multisystem processes and disorders: fluid volume and electrolyte disorders	90%	88%	2%
86) Management: Multisystem processes and disorders: immunologic and inflammatory disorders	70%	80%	-10%
87) Management: Multisystem processes and disorders: other chemical agents	60%	66%	-6%
88) Management: Musculoskeletal system: degenerative/metabolic disorders: muscle/ligaments/fascia	90%	82%	8%
89) Management: Musculoskeletal system: traumatic and mechanical disorders	60%	58%	2%
90) Management: Nervous system and special senses: neoplasms	50%	58%	-8%
91) Management: Renal and urinary system: immune/inflammatory: glomerular disorders	80%	74%	6%
92) Management: Renal and urinary system: metabolic and regulatory disorders	90%	81%	9%
93) Management: Respiratory system: failure/arrest, pulmonary vascular disorders	80%	75%	5%
94) Management: Respiratory system: infectious/immune/inflammatory disorders: lower airways	50%	57%	-7%
95) Management: Respiratory system: obstructive airway disease	80%	82%	-2%
96) Management: Skin and subcutaneous tissue: benign neoplasms	40%	50%	-10%
97) Management: Skin and subcutaneous tissue: viral infections	80%	84%	-4%
98) Prevention: Gastrointestinal system: disorders of the liver	60%	81%	-21%
99) Prevention: Nervous system and special senses: cerebrovascular disease	60%	84%	-24%
100) Prevention: Skin and subcutaneous tissue: traumatic and mechanical disorders	80%	89%	-9%