

SUBJECT EXAMINATION PROGRAM
COMPREHENSIVE CLINICAL SCIENCE EXAMINATION (CCSE)
ITEM ANALYSIS REPORT



000000 - Generic Medical School
Reporting Group: Medical Students
Test Purpose: End-Of-Course/Clerkship
N Scored Items: 200

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:
 - o FOUNDATION: Clinically relevant basic science principles and concepts
 - o DIAGNOSIS: Knowledge pertaining to history, exam, diagnostic studies, and patient outcomes
 - o PREVENTION: Health maintenance, disease prevention, and surveillance for disease recurrence
 - o 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 a projected percentage of Step 2 CK examinees nationally (National) who answered each item correctly. These percentages represent the difficulty of the items for the examinees at your institution and for the national 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	75%	89%	-14%
2) Diagnosis: Behavioral health: disorders originating in infancy/childhood	67%	61%	6%
3) Diagnosis: Behavioral health: mood disorders	83%	88%	-5%
4) Diagnosis: Behavioral health: mood disorders	92%	90%	2%
5) Diagnosis: Behavioral health: personality disorders	25%	58%	-33%
6) Diagnosis: Behavioral health: psychosocial disorders/behaviors	75%	80%	-5%
7) Diagnosis: Behavioral health: psychotic disorders	42%	71%	-29%
8) Diagnosis: Behavioral health: psychotic disorders	50%	69%	-19%
9) Diagnosis: Behavioral health: substance abuse disorders	50%	62%	-12%
10) Diagnosis: Blood and lymphoreticular system: adverse effects of drugs	50%	63%	-13%
11) Diagnosis: Blood and lymphoreticular system: anemias: disorders of hemoglobin, heme, or membrane	42%	61%	-19%
12) Diagnosis: Blood and lymphoreticular system: cytopenias	50%	52%	-2%
13) Diagnosis: Blood and lymphoreticular system: hypercoagulable disorders	42%	71%	-29%
14) Diagnosis: Blood and lymphoreticular system: neoplasms of blood and lymphatic system	50%	55%	-5%
15) Diagnosis: Blood and lymphoreticular system: neoplasms of blood and lymphatic system	50%	73%	-23%
16) Diagnosis: Blood and lymphoreticular system: primary infections of lymphoid tissue	83%	90%	-7%
17) Diagnosis: Blood and lymphoreticular system: reactions to blood components	75%	87%	-12%
18) Diagnosis: Cardiovascular system: heart failure	75%	91%	-16%
19) Diagnosis: Cardiovascular system: hypertension	75%	87%	-12%
20) Diagnosis: Cardiovascular system: hypotension	25%	68%	-43%
21) Diagnosis: Cardiovascular system: ischemic heart disease	83%	67%	16%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
22) Diagnosis: Cardiovascular system: traumatic and mechanical disorders	33%	73%	-40%
23) Diagnosis: Cardiovascular system: traumatic and mechanical disorders	75%	87%	-12%
24) Diagnosis: Cardiovascular system: valvular heart disease	25%	64%	-39%
25) Diagnosis: Endocrine system: congenital disorders	58%	82%	-24%
26) Diagnosis: Endocrine system: diabetes mellitus	92%	91%	1%
27) Diagnosis: Endocrine system: hypoglycemia and islet cell disorders	58%	83%	-25%
28) Diagnosis: Endocrine system: parathyroid disorders	50%	70%	-20%
29) Diagnosis: Endocrine system: pituitary disorders	75%	91%	-16%
30) Diagnosis: Endocrine system: thyroid disorders	67%	86%	-19%
31) Diagnosis: Female reproductive and breast: malignant and precancerous neoplasms	42%	56%	-14%
32) Diagnosis: Female reproductive and breast: malignant neoplasms of the breast	75%	78%	-3%
33) Diagnosis: Female reproductive and breast: menstrual and endocrine disorders	42%	63%	-21%
34) Diagnosis: Female reproductive and breast: menstrual and endocrine disorders	58%	59%	-1%
35) Diagnosis: Gastrointestinal system: congenital disorders	58%	69%	-11%
36) Diagnosis: Gastrointestinal system: disorders of the biliary system	67%	85%	-18%
37) Diagnosis: Gastrointestinal system: disorders of the esophagus	67%	91%	-24%
38) Diagnosis: Gastrointestinal system: disorders of the pancreas	67%	75%	-8%
39) Diagnosis: Gastrointestinal system: disorders of the rectum and anus	100%	91%	9%
40) Diagnosis: Gastrointestinal system: Immunologic and inflammatory disorders	50%	74%	-24%
41) Diagnosis: Gastrointestinal system: parasitic infections	83%	83%	0%
42) Diagnosis: Gastrointestinal system: traumatic and mechanical disorders	58%	87%	-29%
43) Diagnosis: Gastrointestinal system: traumatic and mechanical disorders	92%	84%	8%
44) Diagnosis: Immune System: deficiency of phagocytic and NK cells	75%	83%	-8%
45) Diagnosis: Immune System: deficiency primarily of cell-mediated immunity	50%	75%	-25%
46) Diagnosis: Immune System: deficiency primarily of humoral immunity	25%	67%	-42%
47) Diagnosis: Immune System: HIV/AIDS	75%	63%	12%
48) Diagnosis: Male reproductive: infectious disorders	58%	69%	-11%

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	School	National	
49) Diagnosis: Multisystem processes and disorders: acid-base disorders	92%	91%	1%
50) Diagnosis: Multisystem processes and disorders: bacterial infections	75%	74%	1%
51) Diagnosis: Multisystem processes and disorders: fluid volume and electrolyte disorders	83%	89%	-6%
52) Diagnosis: Multisystem processes and disorders: genetic: large genomic changes	58%	57%	1%
53) Diagnosis: Multisystem processes and disorders: immunologic and inflammatory disorders	50%	61%	-11%
54) Diagnosis: Musculoskeletal system: congenital disorders	67%	60%	7%
55) Diagnosis: Musculoskeletal system: degenerative/metabolic disorders: bone/cartilage	83%	86%	-3%
56) Diagnosis: Musculoskeletal system: degenerative/metabolic disorders: joints	83%	85%	-2%
57) Diagnosis: Musculoskeletal system: infectious disorders	67%	80%	-13%
58) Diagnosis: Musculoskeletal system: neoplasms	8%	63%	-55%
59) Diagnosis: Musculoskeletal system: neoplasms	67%	58%	9%
60) Diagnosis: Musculoskeletal system: traumatic and mechanical disorders	67%	62%	5%
61) Diagnosis: Musculoskeletal system: traumatic and mechanical disorders	67%	71%	-4%
62) Diagnosis: Nervous system and special senses: cerebrovascular disease	67%	60%	7%
63) Diagnosis: Nervous system and special senses: disorders of spine, spinal cord, spinal nerve roots	50%	74%	-24%
64) Diagnosis: Nervous system and special senses: disorders of the eye and eyelid, structural	67%	71%	-4%
65) Diagnosis: Nervous system and special senses: infectious disorders	58%	86%	-28%
66) Diagnosis: Nervous system and special senses: movement disorders	75%	90%	-15%
67) Diagnosis: Nervous system and special senses: paroxysmal disorders	83%	77%	6%
68) Diagnosis: Nervous system and special senses: sleep disorders	50%	75%	-25%
69) Diagnosis: Nervous system and special senses: traumatic and mechanical disorders	83%	89%	-6%
70) Diagnosis: Pregnancy, childbirth, and the puerperium: labor and delivery	92%	84%	8%
71) Diagnosis: Renal and urinary system: adverse effects of drugs	67%	83%	-16%
72) Diagnosis: Renal and urinary system: immune/inflammatory: glomerular disorders	50%	73%	-23%
73) Diagnosis: Renal and urinary system: malignant neoplasms	33%	66%	-33%
74) Diagnosis: Renal and urinary system: metabolic and regulatory disorders	92%	95%	-3%
75) Diagnosis: Renal and urinary system: traumatic and mechanical disorders	58%	64%	-6%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
76) Diagnosis: Respiratory system: benign neoplasms	17%	58%	-41%
77) Diagnosis: Respiratory system: disorders of the pleura, mediastinum, chest wall	33%	67%	-34%
78) Diagnosis: Respiratory system: infectious/immune/inflammatory disorders: lower airways	75%	79%	-4%
79) Diagnosis: Respiratory system: infectious/immune/inflammatory disorders: upper airways	33%	67%	-34%
80) Diagnosis: Respiratory system: malignant neoplasms of the lower airways and pleura	100%	89%	11%
81) Diagnosis: Respiratory system: metabolic, regulatory, and structural disorders	100%	88%	12%
82) Diagnosis: Respiratory system: obstructive airway disease	83%	87%	-4%
83) Diagnosis: Respiratory system: pneumoconiosis, fibrosing/restrictive/interstitial disorders	83%	87%	-4%
84) Diagnosis: Skin and subcutaneous tissue: bacterial infections	42%	69%	-27%
85) Diagnosis: Skin and subcutaneous tissue: viral infections	50%	86%	-36%
86) Gen Principle: Biostat, Epi, Population Health, Lit Interp: causation	75%	87%	-12%
87) Gen Principle: Biostat, Epi, Population Health, Lit Interp: points of intervention	67%	74%	-7%
88) Gen Principle: Biostat, Epi, Population Health, Lit Interp: relative risk	67%	92%	-25%
89) Gen Principle: Biostat, Epi, Population Health, Lit Interp: Research ethics: intervention analysis	75%	70%	5%
90) Gen Principle: Biostat, Epi, Population Health, Lit Interp: sensitivity, specificity, predictive values	75%	85%	-10%
91) Gen Principle: Biostat, Epi, Population Health, Lit Interp: statistical vs. clinical significance	83%	64%	19%
92) Gen Principle: Biostat, Epi, Population Health, Lit Interp: study design: qualitative analysis	50%	58%	-8%
93) Gen Principle: Social Sciences: child protective services, foster care, immunizations	100%	76%	24%
94) Gen Principle: Social Sciences: consent and informed consent	50%	58%	-8%
95) Gen Principle: Social Sciences: death and dying: diagnosing death/brain death	83%	89%	-6%
96) Gen Principle: Social Sciences: death and dying: information sharing	83%	90%	-7%
97) Gen Principle: Social Sciences: death and dying: pain management	75%	65%	10%
98) Gen Principle: Social Sciences: death and dying: pain management	100%	90%	10%
99) Gen Principle: Social Sciences: decision-making capacity/informed refusal	58%	85%	-27%
100) Gen Principle: Social Sciences: health care economics: types of insurance	75%	73%	2%
101) Gen Principle: Social Sciences: health care policy: access to health care	75%	71%	4%
102) Gen Principle: Social Sciences: impaired physician	83%	86%	-3%

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103) Gen Principle: Social Sciences: impaired physician	83%	89%	-6%
104) Gen Principle: Social Sciences: legal requirements for reporting	92%	61%	31%
105) Gen Principle: Social Sciences: negligence/malpractice	83%	64%	19%
106) Gen Principle: Social Sciences: physician-patient relationship	75%	78%	-3%
107) Gen Principle: Social Sciences: physician-patient relationship	83%	91%	-8%
108) Gen Principle: Social Sciences: PS: device programming error	75%	69%	6%
109) Gen Principle: Social Sciences: PS: error analysis tools	50%	61%	-11%
110) Gen Principle: Social Sciences: PS: error analysis tools	58%	67%	-9%
111) Gen Principle: Social Sciences: PS: error analysis tools	92%	86%	6%
112) Gen Principle: Social Sciences: PS: health care-associated infections	42%	72%	-30%
113) Gen Principle: Social Sciences: PS: health care-associated infections	67%	73%	-6%
114) Gen Principle: Social Sciences: PS: medication reconciliation errors	75%	86%	-11%
115) Gen Principle: Social Sciences: PS: ordering, transcribing, dispensing, administration errors	75%	90%	-15%
116) Gen Principle: Social Sciences: PS: reporting and monitoring for errors	58%	62%	-4%
117) Gen Principle: Social Sciences: QI: development and application of systems and quality measures	92%	89%	3%
118) Gen Principle: Social Sciences: QI: equitable care	67%	64%	3%
119) Management: Behavioral health: anxiety disorders	58%	85%	-27%
120) Management: Behavioral health: disorders originating in infancy/childhood	75%	74%	1%
121) Management: Behavioral health: mood disorders	67%	87%	-20%
122) Management: Behavioral health: substance abuse disorders	75%	86%	-11%
123) Management: Behavioral health: substance abuse disorders	92%	90%	2%
124) Management: Blood and lymphoreticular system: hypocoagulable disorders	92%	90%	2%
125) Management: Cardiovascular system: diseases of the myocardium	75%	71%	4%
126) Management: Cardiovascular system: diseases of the pericardium	50%	90%	-40%
127) Management: Cardiovascular system: diseases of the veins	50%	62%	-12%
128) Management: Cardiovascular system: disorders of the great vessels	83%	91%	-8%
129) Management: Cardiovascular system: dysrhythmias	58%	69%	-11%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
130) Management: Cardiovascular system: heart failure	58%	68%	-10%
131) Management: Cardiovascular system: hypertension	42%	59%	-17%
132) Management: Cardiovascular system: infectious disorders	42%	59%	-17%
133) Management: Cardiovascular system: ischemic heart disease	83%	89%	-6%
134) Management: Cardiovascular system: traumatic and mechanical disorders	75%	83%	-8%
135) Management: Cardiovascular system: valvular heart disease	67%	91%	-24%
136) Management: Endocrine system: adrenal disorders	67%	90%	-23%
137) Management: Endocrine system: diabetes mellitus	33%	70%	-37%
138) Management: Endocrine system: diabetes mellitus	75%	68%	7%
139) Management: Endocrine system: thyroid disorders	83%	89%	-6%
140) Management: Female reproductive and breast: benign and undefined neoplasms of the breast	33%	74%	-41%
141) Management: Female reproductive and breast: benign neoplasms and cysts	58%	70%	-12%
142) Management: Female reproductive and breast: infectious/immune/inflammatory disorders	50%	61%	-11%
143) Management: Female reproductive and breast: infectious/immune/inflammatory disorders	83%	81%	2%
144) Management: Female reproductive and breast: menopause	42%	61%	-19%
145) Management: Gastrointestinal system: adverse effects of drugs	83%	53%	30%
146) Management: Gastrointestinal system: bacterial infections	50%	63%	-13%
147) Management: Gastrointestinal system: disorders of the small intestine, colon	25%	66%	-41%
148) Management: Gastrointestinal system: disorders of the small intestine, colon	42%	87%	-45%
149) Management: Gastrointestinal system: Immunologic and inflammatory disorders	50%	88%	-38%
150) Management: Gastrointestinal system: malignant neoplasms	33%	57%	-24%
151) Management: General Principles: childhood: normal physical changes	67%	84%	-17%
152) Management: Immune System: hypersensitivity reactions	92%	89%	3%
153) Management: Immune System: transplantation	50%	60%	-10%
154) Management: Male reproductive: traumatic and mechanical disorders	42%	64%	-22%
155) Management: Multisystem processes and disorders: child abuse	83%	91%	-8%
156) Management: Multisystem processes and disorders: child abuse	100%	88%	12%

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	School	National	
157) Management: Multisystem processes and disorders: shock	58%	63%	-5%
158) Management: Musculoskeletal system: degenerative/metabolic disorders: muscle/ligaments/fascia	67%	58%	9%
159) Management: Musculoskeletal system: inflammatory disorders	67%	78%	-11%
160) Management: Nervous system and special senses: adverse effects of drugs	100%	90%	10%
161) Management: Nervous system and special senses: global cerebral dysfunction	75%	83%	-8%
162) Management: Nervous system and special senses: infectious disorders	100%	91%	9%
163) Management: Nervous system and special senses: infectious/inflammatory disorders of the ear	50%	69%	-19%
164) Management: Nervous system and special senses: neoplasms	58%	48%	10%
165) Management: Nervous system and special senses: neurologic pain syndromes	58%	89%	-31%
166) Management: Pregnancy, childbirth, and the puerperium: labor and delivery	67%	67%	0%
167) Management: Pregnancy, childbirth, and the puerperium: obstetric complications	50%	78%	-28%
168) Management: Pregnancy, childbirth, and the puerperium: obstetric complications	92%	90%	2%
169) Management: Pregnancy, childbirth, and the puerperium: puerperium, including complications	67%	74%	-7%
170) Management: Pregnancy, childbirth, and the puerperium: systemic disorders affecting pregnancy/labor/delivery	92%	87%	5%
171) Management: Renal and urinary system: infectious disorders of the upper tract	58%	74%	-16%
172) Management: Renal and urinary system: signs, symptoms, ill-defined disorders	33%	73%	-40%
173) Management: Renal and urinary system: traumatic and mechanical disorders	67%	85%	-18%
174) Management: Renal and urinary system: vascular disorders	75%	73%	2%
175) Management: Respiratory system: failure/arrest, pulmonary vascular disorders	25%	62%	-37%
176) Management: Respiratory system: failure/arrest, pulmonary vascular disorders	83%	91%	-8%
177) Management: Respiratory system: infectious/immune/inflammatory disorders: upper airways	42%	65%	-23%
178) Management: Respiratory system: infectious/immune/inflammatory disorders: upper airways	83%	67%	16%
179) Management: Respiratory system: obstructive airway disease	67%	88%	-21%
180) Management: Respiratory system: traumatic/mechanical disorders of lower airways	50%	75%	-25%
181) Management: Respiratory system: traumatic/mechanical disorders of upper airways	25%	71%	-46%
182) Management: Skin and subcutaneous tissue: benign neoplasms	50%	67%	-17%

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Content Description	% Answering Correctly		Difference (Schl-Natl)
	School	National	
183) Management: Skin and subcutaneous tissue: malignant neoplasms	67%	82%	-15%
184) Prevention: Cardiovascular system: peripheral arterial vascular disease	33%	71%	-38%
185) Prevention: Female reproductive and breast: fertility and infertility	75%	80%	-5%
186) Prevention: Gastrointestinal system: viral infections	75%	85%	-10%
187) Prevention: General Principles: adolescence: normal physical changes	33%	63%	-30%
188) Prevention: General Principles: adulthood: lifestyle	67%	74%	-7%
189) Prevention: General Principles: adulthood: lifestyle	92%	75%	17%
190) Prevention: General Principles: childhood: lifestyle	58%	72%	-14%
191) Prevention: Immune System: HIV/AIDS	58%	90%	-32%
192) Prevention: Multisystem processes and disorders: temperature	100%	88%	12%
193) Prevention: Nervous system and special senses: degenerative disorders, amnesic syndromes	67%	60%	7%
194) Prevention: Pregnancy, childbirth, and the puerperium: disorders of the newborn	58%	84%	-26%
195) Prevention: Pregnancy, childbirth, and the puerperium: obstetric complications	75%	78%	-3%
196) Prevention: Pregnancy, childbirth, and the puerperium: prenatal risk assessment/prevention	75%	66%	9%
197) Prevention: Pregnancy, childbirth, and the puerperium: supervision of normal pregnancy	33%	58%	-25%
198) Prevention: Respiratory system: infectious/immune/inflammatory disorders: lower airways	58%	69%	-11%
199) Prevention: Skin and subcutaneous tissue: traumatic and mechanical disorders	75%	68%	7%