

# SUBJECT EXAMINATION PROGRAM

SUBJECT EXAMINATION

ITEM ANALYSIS REPORT



**000000 - Generic Medical School**  
**Reporting Group: Medical Students**  
**Test Purpose: End-Of-Course/Clerkship**  
**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: mood disorders   | 100%                  | 79%      | 21%                    |
| 2) Diagnosis: Blood and lymphoreticular system: other causes of anemia  | 80%                   | 91%      | -11%                   |
| 3) Diagnosis: Cardiovascular system: dysrhythmias   | 73%                   | 66%      | 7%                     |
| 4) Diagnosis: Cardiovascular system: heart failure  | 100%                  | 95%      | 5%                     |
| 5) Diagnosis: Cardiovascular system: valvular heart disease   | 100%                  | 94%      | 6%                     |
| 6) Diagnosis: Endocrine system: thyroid disorders   | 47%                   | 80%      | -33%                   |
| 7) Diagnosis: Female reproductive and breast: traumatic and mechanical disorders                                | 93%                   | 83%      | 10%                    |
| 8) Diagnosis: Gastrointestinal system: disorders of the biliary system  | 73%                   | 89%      | -16%                   |
| 9) Diagnosis: Gastrointestinal system: disorders of the biliary system  | 93%                   | 94%      | -1%                    |
| 10) Diagnosis: Gastrointestinal system: disorders of the pancreas   | 80%                   | 80%      | 0%                     |
| 11) Diagnosis: Gastrointestinal system: disorders of the small intestine, colon                                 | 87%                   | 67%      | 20%                    |
| 12) Diagnosis: Gastrointestinal system: disorders of the small intestine, colon                                 | 87%                   | 76%      | 11%                    |
| 13) Diagnosis: Male reproductive: traumatic and mechanical disorders  | 100%                  | 87%      | 13%                    |
| 14) Diagnosis: Multisystem processes and disorders: fluid volume and electrolyte disorders                      | 53%                   | 60%      | -7%                    |
| 15) Diagnosis: Multisystem processes and disorders: gases, vapors, smoke inhalation                             | 93%                   | 92%      | 1%                     |
| 16) Diagnosis: Musculoskeletal system: degenerative/metabolic disorders: muscle/ligaments/fascia                | 20%                   | 52%      | -32%                   |
| 17) Diagnosis: Nervous system and special senses: adverse effects of drugs                                      | 73%                   | 55%      | 18%                    |
| 18) Diagnosis: Nervous system and special senses: adverse effects of drugs                                      | 87%                   | 72%      | 15%                    |
| 19) Diagnosis: Nervous system and special senses: cerebrovascular disease                                       | 93%                   | 93%      | 0%                     |
| 20) Diagnosis: Pregnancy, childbirth, and the puerperium: systemic disorders affecting pregnancy/labor/delivery | 80%                   | 66%      | 14%                    |

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| Content Description  | % Answering Correctly |          | Difference<br>(Schi-Natl) |
|--|-----------------------|----------|---------------------------|
|  | School                | National |                           |
| 21) Diagnosis: Renal and urinary system: infectious disorders of the upper tract                       | 100%                  | 93%      | 7%                        |
| 22) Diagnosis: Respiratory system: failure/arrest, pulmonary vascular disorders                        | 80%                   | 68%      | 12%                       |
| 23) Diagnosis: Respiratory system: failure/arrest, pulmonary vascular disorders                        | 87%                   | 83%      | 4%                        |
| 24) Diagnosis: Respiratory system: infectious/immune/inflammatory disorders: lower airways             | 100%                  | 75%      | 25%                       |
| 25) Diagnosis: Respiratory system: traumatic/mechanical disorders of lower airways                     | 100%                  | 86%      | 14%                       |
| 26) Diagnosis: Respiratory system: traumatic/mechanical disorders of upper airways                     | 60%                   | 66%      | -6%                       |
| 27) Diagnosis: Skin and subcutaneous tissue: viral infections  | 67%                   | 65%      | 2%                        |
| 28) Foundation: Cardiovascular system: dysrhythmias  | 27%                   | 51%      | -24%                      |
| 29) Foundation: Cardiovascular system: valvular heart disease  | 93%                   | 87%      | 6%                        |
| 30) Foundation: Gastrointestinal system: traumatic and mechanical disorders                            | 87%                   | 83%      | 4%                        |
| 31) Foundation: Musculoskeletal system: infectious disorders   | 100%                  | 84%      | 16%                       |
| 32) Foundation: Nervous system and special senses: disorders of spine, spinal cord, spinal nerve roots | 87%                   | 93%      | -6%                       |
| 33) Foundation: Nervous system and special senses: infectious disorders                                | 87%                   | 88%      | -1%                       |
| 34) Foundation: Nervous system and special senses: traumatic and mechanical disorders                  | 93%                   | 94%      | -1%                       |
| 35) Foundation: Respiratory system: failure/arrest, pulmonary vascular disorders                       | 53%                   | 68%      | -15%                      |
| 36) Gen Principle: Social Sciences: consent and informed consent                                       | 100%                  | 81%      | 19%                       |
| 37) Gen Principle: Social Sciences: PS: ordering, transcribing, dispensing, administration errors      | 93%                   | 96%      | -3%                       |
| 38) Management: Behavioral health: substance abuse disorders   | 47%                   | 50%      | -3%                       |
| 39) Management: Behavioral health: substance abuse disorders   | 87%                   | 84%      | 3%                        |
| 40) Management: Behavioral health: substance abuse disorders   | 87%                   | 93%      | -6%                       |
| 41) Management: Blood and lymphoreticular system: other causes of anemia                               | 53%                   | 73%      | -20%                      |
| 42) Management: Cardiovascular system: diseases of the myocardium                                      | 73%                   | 80%      | -7%                       |
| 43) Management: Cardiovascular system: diseases of the pericardium                                     | 53%                   | 64%      | -11%                      |
| 44) Management: Cardiovascular system: diseases of the veins   | 100%                  | 93%      | 7%                        |
| 45) Management: Cardiovascular system: dysrhythmias  | 53%                   | 49%      | 4%                        |
| 46) Management: Cardiovascular system: dysrhythmias  | 93%                   | 79%      | 14%                       |
| 47) Management: Cardiovascular system: heart failure   | 27%                   | 36%      | -9%                       |

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| Content Description   | % Answering Correctly |          | Difference<br>(Schi-Natl) |
|---|-----------------------|----------|---------------------------|
|   | School                | National |                           |
| 48) Management: Cardiovascular system: heart failure  | 67%                   | 62%      | 5%                        |
| 49) Management: Cardiovascular system: ischemic heart disease                               | 93%                   | 73%      | 20%                       |
| 50) Management: Cardiovascular system: ischemic heart disease                               | 100%                  | 88%      | 12%                       |
| 51) Management: Cardiovascular system: traumatic and mechanical disorders                   | 67%                   | 69%      | -2%                       |
| 52) Management: Endocrine system: diabetes mellitus   | 73%                   | 57%      | 16%                       |
| 53) Management: Endocrine system: hypoglycemia and islet cell disorders                     | 67%                   | 69%      | -2%                       |
| 54) Management: Endocrine system: hypoglycemia and islet cell disorders                     | 100%                  | 83%      | 17%                       |
| 55) Management: Endocrine system: thyroid disorders   | 93%                   | 89%      | 4%                        |
| 56) Management: Endocrine system: thyroid disorders   | 100%                  | 90%      | 10%                       |
| 57) Management: Female reproductive and breast: infectious/immune/inflammatory disorders    | 67%                   | 75%      | -8%                       |
| 58) Management: Gastrointestinal system: disorders of the biliary system                    | 80%                   | 92%      | -12%                      |
| 59) Management: Gastrointestinal system: disorders of the small intestine, colon            | 40%                   | 61%      | -21%                      |
| 60) Management: Gastrointestinal system: disorders of the small intestine, colon            | 60%                   | 65%      | -5%                       |
| 61) Management: Gastrointestinal system: disorders of the small intestine, colon            | 80%                   | 58%      | 22%                       |
| 62) Management: Gastrointestinal system: disorders of the stomach                           | 87%                   | 84%      | 3%                        |
| 63) Management: Gastrointestinal system: traumatic and mechanical disorders                 | 100%                  | 94%      | 6%                        |
| 64) Management: Immune System: HIV/AIDS   | 93%                   | 82%      | 11%                       |
| 65) Management: Immune System: hypersensitivity reactions                                   | 100%                  | 93%      | 7%                        |
| 66) Management: Male reproductive: infectious disorders                                     | 80%                   | 79%      | 1%                        |
| 67) Management: Multisystem processes and disorders: acid-base disorders                    | 87%                   | 82%      | 5%                        |
| 68) Management: Multisystem processes and disorders: fluid volume and electrolyte disorders | 87%                   | 83%      | 4%                        |
| 69) Management: Multisystem processes and disorders: fluid volume and electrolyte disorders | 93%                   | 84%      | 9%                        |
| 70) Management: Multisystem processes and disorders: gases, vapors, smoke inhalation        | 53%                   | 66%      | -13%                      |
| 71) Management: Multisystem processes and disorders: principles of poisoning and therapy    | 80%                   | 80%      | 0%                        |
| 72) Management: Multisystem processes and disorders: principles of poisoning and therapy    | 93%                   | 92%      | 1%                        |
| 73) Management: Multisystem processes and disorders: shock                                  | 100%                  | 72%      | 28%                       |
| 74) Management: Multisystem processes and disorders: temperature                            | 87%                   | 84%      | 3%                        |

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|--|-----------------------|----------|---------------------------|
|  | School                | National |                           |
| 75) Management: Multisystem processes and disorders: temperature                                     | 93%                   | 87%      | 6%                        |
| 76) Management: Multisystem processes and disorders: thermal injury, burns, electrocution, lightning | 53%                   | 64%      | -11%                      |
| 77) Management: Multisystem processes and disorders: venomous bites and stings                       | 93%                   | 87%      | 6%                        |
| 78) Management: Musculoskeletal system: infectious disorders   | 60%                   | 73%      | -13%                      |
| 79) Management: Musculoskeletal system: traumatic and mechanical disorders                           | 60%                   | 73%      | -13%                      |
| 80) Management: Musculoskeletal system: traumatic and mechanical disorders                           | 87%                   | 83%      | 4%                        |
| 81) Management: Nervous system and special senses: cerebrovascular disease                           | 67%                   | 52%      | 15%                       |
| 82) Management: Nervous system and special senses: cerebrovascular disease                           | 93%                   | 86%      | 7%                        |
| 83) Management: Nervous system and special senses: cerebrovascular disease                           | 100%                  | 67%      | 33%                       |
| 84) Management: Nervous system and special senses: paroxysmal disorders                              | 73%                   | 84%      | -11%                      |
| 85) Management: Pregnancy, childbirth, and the puerperium: obstetric complications                   | 73%                   | 75%      | -2%                       |
| 86) Management: Pregnancy, childbirth, and the puerperium: obstetric complications                   | 87%                   | 86%      | 1%                        |
| 87) Management: Renal and urinary system: infectious disorders of the lower tract                    | 100%                  | 92%      | 8%                        |
| 88) Management: Renal and urinary system: infectious disorders of the upper tract                    | 93%                   | 72%      | 21%                       |
| 89) Management: Respiratory system: disorders of the pleura, mediastinum, chest wall                 | 87%                   | 89%      | -2%                       |
| 90) Management: Respiratory system: infectious/immune/inflammatory disorders: lower airways          | 93%                   | 66%      | 27%                       |
| 91) Management: Respiratory system: obstructive airway disease                                       | 60%                   | 85%      | -25%                      |
| 92) Management: Respiratory system: traumatic/mechanical disorders of lower airways                  | 87%                   | 69%      | 18%                       |
| 93) Management: Respiratory system: traumatic/mechanical disorders of upper airways                  | 73%                   | 64%      | 9%                        |
| 94) Management: Respiratory system: traumatic/mechanical disorders of upper airways                  | 87%                   | 89%      | -2%                       |
| 95) Management: Skin and subcutaneous tissue: bacterial infections                                   | 73%                   | 79%      | -6%                       |
| 96) Management: Skin and subcutaneous tissue: traumatic and mechanical disorders                     | 53%                   | 67%      | -14%                      |
| 97) Management: Skin and subcutaneous tissue: viral infections                                       | 80%                   | 81%      | -1%                       |
| 98) Management: Social Sciences: legal requirements for reporting                                    | 93%                   | 92%      | 1%                        |
| 99) Prevention: Musculoskeletal system: traumatic and mechanical disorders                           | 73%                   | 83%      | -10%                      |
| 100) Prevention: Respiratory system: obstructive airway disease                                      | 60%                   | 71%      | -11%                      |