Update on the National Board Dental Examinations
(Part I and Part II)

Dr. David M Waldschmidt
Dr. Kathleen J. Hinshaw
Dr. Chien-Lin Yang

ADEA Annual Session
Boston, MA
March 8, 2015
Overview

- Purpose, Mission, and Composition of the JCNDE
- Update on JCNDE Policies
- Test Administration
- Examination Volume and Performance Trends
- Q & A
Purpose of the JCNDE

The purpose of the JCNDE is:

• to provide and conduct examinations to assist state boards in determining qualifications of dentists and dental hygienists who seek licensure.

• to make rules and regulations for the conduct of National Board examinations and certificates.

• to serve as a resource for the dental profession in the development of examinations.
“The JCNDE develops and conducts highly reliable, state of the art cognitive examinations that assist regulatory agencies in making valid decisions regarding licensure of oral health care professionals, develops and implements policy for the orderly, secure, and fair administration of its examinations, and is a leader and resource in assessment for the oral health care profession.”
Joint Commission Examinations

• The JCNDE oversees the following examinations:
  • National Board Dental Examination Part I (NBDE Part I)
  • National Board Dental Examination Part II (NBDE Part II)
  • National Board Dental Hygiene Examination (NBDHE)
  • Integrated National Board Dental Examination (INBDE)
    – Under development and will one day replace NBDE Parts I and II.
    – Covered in a separate presentation.
# JCNDE Appointing Organizations and Appointees

<table>
<thead>
<tr>
<th>Appointing Organizations</th>
<th>Appointees</th>
</tr>
</thead>
</table>
| ADEA (3)                 | Marc E Levitan, DDS  
Frank W Licari, DDS, MPH, MBA  
Nader A Nadershahi, DDS, EdD, MBA |
| AADB (6)                 | MH Reggie VanderVeen, DDS, Vice Chair  
Dale R Chamberlain, DDS  
Luis J Fujimoto, DMD  
Conrad P McVea, III, DDS  
Patricia Ann Parker, DMD  
David W Perkins, DMD |
| ADA (3)                  | Robert A Hersh, DDS, Chair  
Lisa Heinrich-Null, DDS  
Rhett L Murray, DDS |
| ADHA (1)                 | Melissa G Efurd, RDH, EdD |
| ASDA (1)                 | Kristopher Mendoza, BS |
| Public (1)               | Issie L Shelton-Jenkins, JD, LLM |
| Liaisons and Observers   | Robert N Bitter, DMD (ADA Board Liaison)  
Greg P Shank, BS (ASDA Observer) |

Liaisons/observers do not participate in voting
Department of Testing Services

- Admissions testing for ADA in addition to licensure testing for JCNDE
  - Dental Admission Test
  - Advanced Dental Admission Test
- Test Development
  - Conduct 40+ test construction committee meetings
- Test Administration
  - Administer 40,000+ examinations, respond to 80,000+ phone calls/emails/faxes
- Research and Development/Psychometrics
  - Analysis and scoring of 40,000+ administrations; professional investigations and publications in support of exam programs
- Client Services and Special Projects
  - INBDE and ADAT project management, etc.
JCNDE Updates: NBDE/NBDHE Actions

Approved actions to help support the National Board Dental Examinations (NBDE) and the National Board Dental Hygiene Examination (NBDHE):

- Appointment and reappointment of NBDE and NBDHE Test Constructors for 2015.
- NBDE and NBDHE Technical reports.
- Permissions pertaining to released examination materials and development guides for use by dental and dental hygiene educational programs.
- Sales of NBDHE released materials.
JCNDE Updates: NBDE/NBDHE Actions

• Approved actions reaffirming the JCNDE’s commitment to the quality and validity of the National Board Dental and Dental Hygiene Examinations (NBDE and NBDHE):
  • Affirmed the JCNDE’s existing practices with respect to the use of cognitive levels within test construction committee meetings.
  • In accordance with the Joint Commission’s policy of building examination content that treats individuals fairly and with sensitivity, approved enhanced training to Test Construction Committee members concerning fairness and sensitivity considerations in examination development.
JCNDE Updates: NBDE/NBDHE Actions

• Approved actions reaffirming the JCNDE’s commitment to the quality and validity of the National Board Dental and Dental Hygiene Examinations (NBDE and NBDHE):
  • Updated standard setting activities for the NBDE Parts I and II.
  • Updated practice analysis for the NBDHE.
  • Approved investigation into the quality of case materials appearing on the Joint Commission’s examinations.
  • Approved various enhancements identified for the Integrated National Board Dental Examination (INBDE) directly into the NBDE and NBDHE where appropriate.
JCNDE Updates: INBDE Actions

• In 2014, the Joint Commission approved two key reports pertaining to the INBDE.
• The first report provided operational recommendations in the following areas:
  • The Concepts of Integration, Clinical Relevance, and Examination Purpose
  • Item Presentation Considerations Involving Content
  • Language Conventions
  • Administration Conditions
  • Item Writing Standards
  • Item Content Standards
  • Item Writing/Review Process
  • Item Classification/Tagging Approach
  • Field Testing Approach
• The second report presented INBDE model examination items, which are intended to serve as prototypes of items that could appear on the INBDE.
Which graph best shows the patient’s likely plaque pH response after drinking a sugary beverage?

**Patient**

Female, 75 years old

**Chief Complaint**

“My mouth has been dry for over a month.”

**Background and/or Patient History**

Oropharyngeal cancer treated by radiation.

**Current Findings**

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JCNDE Updates: INBDE Actions

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### Patient
- Female, 75 years old

### Chief Complaint
- “My mouth has been dry for over a month.”

### Background and/or Patient History
- Oropharyngeal cancer treated by radiation.

### Current Findings

#### Which graph best shows the patient’s likely plaque pH response after drinking a sugary beverage?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td><strong>B</strong></td>
</tr>
<tr>
<td><img src="image" alt="Graph A" /></td>
<td><img src="image" alt="Graph B" /></td>
</tr>
<tr>
<td><strong>C</strong></td>
<td><strong>D</strong></td>
</tr>
<tr>
<td><img src="image" alt="Graph C" /></td>
<td><img src="image" alt="Graph D" /></td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Graph Control" /></td>
<td></td>
</tr>
</tbody>
</table>

**Answer: A**
Where would a loss of taste be expected?

- A. 1 and 2
- B. 2 and 3
- C. 3 and 4
- D. 2, 3, and 4

**Patient**

Male, 38 years old

**Chief Complaint**

“I haven’t been able to taste on the left side of my tongue for the past three days.”

**Background and/or Patient History**

Left inferior alveolar nerve block during a prior dental treatment.
Where would a loss of taste be expected?

- A. 1 and 2
- B. 2 and 3
- C. 3 and 4
- D. 2, 3, and 4

**Patient**

Male, 38 years old

**Chief Complaint**

“I haven’t been able to taste on the left side of my tongue for the past three days.”

**Background and/or Patient History**

Left inferior alveolar nerve block during a prior dental treatment.
The patient is scheduled for an MOD amalgam. What is the correct protocol?

A. Obtain an INR the morning of the procedure.
B. Proceed without treatment modification.
C. Discontinue Pradaxa® the morning of the appointment.
D. Use lidocaine 2% with 1:50,000 epinephrine.
The patient is scheduled for an MOD amalgam. What is the correct protocol?

A. Obtain an INR the morning of the procedure.

B. **Proceed without treatment modification.**

C. Discontinue Pradaxa® the morning of the appointment.

D. Use lidocaine 2% with 1:50,000 epinephrine.
## Model Item 33

### Patient

| Male, 75 years old |

### Chief Complaint

“I’m here to have my filling done.”

### Background and/or Patient History

- Atrial fibrillation
- Medications:
  - dabigatran (Pradaxa®)
  - metoprolol (Toprol®)

### Current Findings

The procedure results in a carious exposure of the pulp. The patient chooses to have the tooth extracted. What is the next step at this appointment?

A. Prophylactic antibiotics and extraction  
B. Pulp cap and temporary restoration  
C. Discontinue Pradaxa® for three days followed by extraction  
D. Immediate extraction and placement of sutures if necessary
Patient

Male, 75 years old

Chief Complaint

“I’m here to have my filling done.”

Background and/or Patient History

Atrial fibrillation
Medications:
dabigatran (Pradaxa®)
metoprolol (Toprol®)

Current Findings

The procedure results in a carious exposure of the pulp. The patient chooses to have the tooth extracted. What is the next step at this appointment?

A. Prophylactic antibiotics and extraction
B. Pulp cap and temporary restoration
C. Discontinue Pradaxa® for three days followed by extraction
D. Immediate extraction and placement of sutures if necessary
Update on the Integrated National Board Dental Examination (INBDE)

Join us!

Monday, March 09, 2015
5:00 – 6:00 PM
SH Constitution B (2nd floor)
JCNDE Updates

• Modified policies and procedures as follows:
  • A candidate’s eligibility to take an examination may be revoked if the Joint Commission has reason to believe that the candidate is taking an examination for purposes other than National Board certification.
  • Updated its privacy policy to permit the Joint Commission to release examination results—with personally identifying information removed—to legitimately interested parties for research and policy making purposes.
  • Candidates who receive information concerning unreleased examination content should destroy the information immediately without reviewing it. Candidates who have been found to be in possession of such information—or to have participated in the distribution of this information—may have their examination results voided. Penalties may be imposed subsequent to discovery and investigation of the original incident, which may occur years after the incident itself.
JCNDE Updates

• Affirmed that the predominant consideration with respect to appeal and testing accommodations decisions concerns the validity of examination results.

• Sunset the Innovative Dental Assessment (IDEA) Research and Development Grants program. This program was no longer meeting its intended goals.

• Approved a 3-year renewal of the Joint Commission’s licensing agreement with the American Student Dental Association (ASDA), concerning sales of NBDE released item content.
JCNDE Updates

• Approved a resolution requesting that the Committee on Administration investigate possible modifications to the 12 month retest requirement.

• Approved the Joint Commission’s self-assessment for transmittal to the ADA House of Delegates per Resolution 1H-2013.

• Directed staff to monitor the activities of the Commission on Dental Accreditation (CODA) as it develops accreditation standards for dental therapy education programs.
JCNDE Policy Updates: Budgetary Actions

• Approved 2014 and 2015 research and development projects and corresponding expenditures.
• Approved a resolution removing the requirement that the Joint Commission seek and obtain approval from the ADA Board of Trustees concerning expenditures from the Joint Commission’s R&D fund. This resolution was approved by the ADA Board of Trustees.
JCNDE Policy Updates: Fees

- Examination fees for 2015:
  - NBDE Part I: $420
  - NBDE Part II: $465
  - NBDHE: $410
- Candidates from non-accredited institutions will be assessed an additional $100 processing fee at the time of application.
- Score report request fees: $34
JCNDE Policy Updates: General Actions

Approved general actions in support of the Joint Commission itself:

• Elected Dr. Robert A. Hersh as Chair and Dr. M.H. Reggie VanderVeen as Vice Chair of the Joint Commission.

• Approved April 13, 2016 as the scheduled Joint Commission meeting date for 2016.
  • The scheduled date for 2015 is April 29.
Call for Case Materials

The Joint Commission needs high quality case materials to support its examination programs. Please contribute to this effort.

For additional information:
Call for Help with Irregularities

• Please emphasize to your students the importance of maintaining the confidentiality of examination materials.

• Please remind students of the purpose of the examination, its importance relative to public health outcomes, and the importance of passing based on each student’s own skills.

• Please remind students that the consequences of sharing and/or using unreleased examination materials can be severe.
A Reminder Concerning Standard Setting

• At its 2015 meeting the Joint Commission will be considering findings from NBDE Part I and NBDE Part II standard setting studies.

• Preliminary information suggests that the rigor associated with the Joint Commission’s dental examination programs (NBDE Part I and NBDE Part II) will likely be increasing.

• This has implications for examination pass/fail rates.

• The date of implementation has not yet been determined, and will be discussed at the meeting.
JCNDE

Test Administration Update

Dr. Kathleen J. Hinshaw
Sr. Manager, Operations/DTS

Nicholas B. Hussong, BS
Manager, Test Administration
## Test Administration Volume 2014

<table>
<thead>
<tr>
<th>Responded to requests</th>
<th>59,000+ phone calls</th>
<th>24,000+ emails, faxes, and correspondence</th>
<th>83,000+ total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processed applications</td>
<td>9,769 NBDE Part I</td>
<td>8,018 NBDHE</td>
<td>26,271 total</td>
</tr>
<tr>
<td></td>
<td>8,484 NBDE Part II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Processed requests for additional official reports</td>
<td>35,877 NBDE Part I</td>
<td>3,522 NBDHE</td>
<td>39,399 total</td>
</tr>
<tr>
<td></td>
<td>NBDE Part II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### Test Administration and Fees

- **Electronic process; 6 month eligibility.** Monitor website for upcoming enhancements.

- **Administered nationwide at Prometric Test Centers, any business day.**

- **Approximately 285 professional level testing centers in North America with 5,179 available seats.**

- **Secure test environment.** Biometric check-in. Video monitoring.

### 2015 Fees

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NBDE Part I</strong></td>
<td>$420</td>
</tr>
<tr>
<td>Official reporting to candidate and dean of accredited dental school. Candidate report is sent to the address on application.</td>
<td></td>
</tr>
<tr>
<td><strong>NBDE Part II</strong></td>
<td>$465</td>
</tr>
<tr>
<td>Official reporting to candidate, dean of accredited dental school, and three licensing boards if requested on application. Candidate report is sent to the address on application.</td>
<td></td>
</tr>
<tr>
<td><strong>Additional score report</strong></td>
<td>$34</td>
</tr>
<tr>
<td>Recipients not selected on application.</td>
<td></td>
</tr>
<tr>
<td><strong>Audit Request</strong></td>
<td>$65</td>
</tr>
<tr>
<td><strong>National Board Certificate with Optional Frames</strong></td>
<td>$65</td>
</tr>
<tr>
<td>Available upon successful completion of NBDE Part I and Part II.</td>
<td>See JCNDE website</td>
</tr>
</tbody>
</table>

### NBDE Codes
- **1130** NBDE Part I
- **2130** NBDE Part II

### Prometric Test Centers
- [www.prometric.com](http://www.prometric.com)
# Testing Checklist

**Frequent issues that create problems on testing day.**

<table>
<thead>
<tr>
<th>Two original, current IDs</th>
<th>Follow instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Photograph and signature government issued ID (driver license or passport; not expired)</td>
<td>• Store personal items in locker and DO NOT access during testing or unscheduled breaks.</td>
</tr>
<tr>
<td>• Signature ID (social security card, credit card, debit card, library card)</td>
<td>• No cell phone use during testing or unscheduled break.</td>
</tr>
<tr>
<td></td>
<td>• Empty pockets.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ID name MUST match application name</th>
<th>Testing condition problems; notify test administrator immediately</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Match: Joseph Anthony Smith and Joseph A. Smith</td>
<td>Concerns not resolved must be submitted in writing to JCNDE within 5 business days of testing appointment.</td>
</tr>
<tr>
<td>• Non-match: Joseph Anthony Smith and Joseph Smith-Johnson (hyphenated last names)</td>
<td></td>
</tr>
</tbody>
</table>

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# Test Administration Schedule

## National Board Dental Examination Part I

<table>
<thead>
<tr>
<th>Activity</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional Tutorial</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Multiple-choice test items with 3-5 testlets</td>
<td>3.5 hours</td>
</tr>
<tr>
<td>Optional scheduled break</td>
<td>One hour (maximum)</td>
</tr>
<tr>
<td>Multiple choice test items with 3-5 testlets</td>
<td>3.5 hours</td>
</tr>
<tr>
<td>Optional Post-examination Survey</td>
<td>15 minutes</td>
</tr>
</tbody>
</table>

**Total Time**: 8 hours 30 minutes

## National Board Dental Examination Part II

### Day 1

- Optional Tutorial: 15 minutes
- Multiple choice test items (200 items): 3.5 hours
- Optional Scheduled Break: 1 hour

### Day 2

- Optional Tutorial: 15 minutes
- Patient Case Problems (100 case-based items): 3.5 hours

**Optional Post-examination Survey**: 15 minutes

**Total Time**: 12 hours 15 minutes
Testing Accommodations

Testing accommodations are offered to those with a qualified impairment/medical condition to offer equal access to testing. Candidates must request testing accommodations with each application, but will not be required to submit additional documentation for the same impairment with subsequent retests. Candidates requesting the same accommodations offered previously by the JCNDE need only submit the testing accommodations form.

Information concerning testing accommodations will not be shared outside of the JCNDE and Test Center, and will not be indicated on test results, reported to dental schools, nor provided to additional report recipients.

Submit the following (single attachment) to testingaccommodations@ada.org:

- Testing Accommodation Request Form indicating the impairment/medical condition and the request for accommodations.
- Current evaluation report from an appropriate health care professional. The report should include:
  - Specific diagnostic procedures/tests administered.
  - Results and interpretation of the diagnostic procedures/tests.
  - Diagnosis of the impairment/medical condition, with description of limitations.
  - Recommendations for testing accommodations.
Testing Accommodation Volume

Testing accommodations provided by Prometric.
(Data represents 4 of the 5 testing programs conducted by DTS)
Part I Monthly Volumes

Examination Volumes

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Examination Volumes

Part II Monthly Volumes

January | February | March | April | May | June | July | August | September | October | November | December

To improve rescheduling process including last minute reschedules, the following reschedule policy is available.

Candidates contact Prometric directly and pay a fee to reschedule.

Contractual agreements require JCNDE payment for no-shows.

<table>
<thead>
<tr>
<th>Fee Schedule</th>
<th>(Saturday and Sunday are NOT business days)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$100</strong></td>
<td>the day before to 5 business days prior to the testing appointment</td>
</tr>
<tr>
<td><strong>$60</strong></td>
<td>6 to 30 business days prior to the testing appointment</td>
</tr>
<tr>
<td><strong>$25</strong></td>
<td>31+ business days prior to the testing appointment</td>
</tr>
</tbody>
</table>
Reschedule and No-Show Volume

<table>
<thead>
<tr>
<th>Year</th>
<th>Reschedule</th>
<th>No Show</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>4374</td>
<td>296</td>
</tr>
<tr>
<td></td>
<td>2888</td>
<td>112</td>
</tr>
<tr>
<td>2013</td>
<td>3268</td>
<td>2750</td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>193</td>
</tr>
<tr>
<td>2014</td>
<td>5696</td>
<td>289</td>
</tr>
<tr>
<td></td>
<td>296</td>
<td></td>
</tr>
</tbody>
</table>

Part I

Part II
### Official Reports/Scoring

<table>
<thead>
<tr>
<th>Official Reports</th>
<th>Scoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>NBDE results reported as pass/fail.</td>
<td>Candidate score is computed by the total number of correct answers selected. Total score is then converted to a scale score, which adjusts for any minor differences in difficulty across forms.</td>
</tr>
<tr>
<td>For remediation purposes, failing candidates receive numerical scores for each of the major disciplines covered on the test.</td>
<td>Scale scores range from 49 to 99, with 75 representing the minimum passing score (regardless of test form).</td>
</tr>
<tr>
<td>If candidate tested prior to 2012, numerical scores for prior attempts will be reported.</td>
<td>The NBDE is a criterion-referenced examination, and the minimum passing score is determined by experts through standard setting activities.</td>
</tr>
<tr>
<td>Official reports are mailed approximately three weeks after testing.</td>
<td>Detailed score analysis provided in NBDE Technical Report.</td>
</tr>
<tr>
<td>JCNDE regulations prohibit reporting results by telephone, fax, email, or in person.</td>
<td></td>
</tr>
</tbody>
</table>

#### NBDE Technical Report

- Candidate score is computed by the total number of correct answers selected. Total score is then converted to a scale score, which adjusts for any minor differences in difficulty across forms.
- Scale scores range from 49 to 99, with 75 representing the minimum passing score (regardless of test form).
- The NBDE is a **criterion-referenced examination**, and the minimum passing score is determined by experts through standard setting activities.
## Retesting

<table>
<thead>
<tr>
<th>90-day wait required between retests.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidates who have passed NBDE Part I or Part II may not retest unless required by a state board or relevant regulatory agency.</td>
</tr>
</tbody>
</table>

Candidates who have not passed after three attempts are required to wait 12 months after their third attempt before retesting.

After the 12-month waiting period has lapsed, a new cycle applies. Candidates are encouraged to seek formal remediation before reexamination.

Candidates must pass the examination within five years of their first attempt or five examination attempts, whichever comes first.

Applies to examination attempts on or after January 1, 2012.
Testing Irregularities and Appeals

**Definition of Irregularity:** there is a question about the validity of test results accurately reflecting the ability/skills of candidate.

Reasons for withholding scores include, but are not limited to:

- Unusual answer patterns.
- Atypical score increases from one testing attempt to another.
- Inconsistent performance on different parts of test.
- Improper access to secure test content.
- Test administration irregularity.
- Falsification of personal identification, application information/supporting documents.
- Violation of rules/regulations.
- Falsification of official report.
- Information indicating the results may not be valid.

**Irregularity detection and investigation:**
- Testing vendor Irregularity reports or miscellaneous source (e.g., anonymous tips, routine audit procedures).
- Conduct investigation.
- Take action (e.g. withhold score/retest restriction)

**Notification/Appeal Process**
- Candidate notified; 30 days to submit appeal.
- Appeal forwarded to Chair.
- Chair grants/denies/or forwards appeal to JCNDE for ballot.
- Candidate notified of decision.
# Post Test Survey

Satisfaction with Testing Experience - Prometric

## NBDE Part I

<table>
<thead>
<tr>
<th></th>
<th>N</th>
<th>Very Satisfied</th>
<th>Satisfied</th>
<th>Dissatisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appointment date</td>
<td>1923</td>
<td>51.0</td>
<td>45.9</td>
<td>3.1</td>
</tr>
<tr>
<td>Promptness in seating the candidate</td>
<td>1913</td>
<td>66.9</td>
<td>29.9</td>
<td>3.1</td>
</tr>
<tr>
<td>Helpfulness of test center staff</td>
<td>1904</td>
<td>70.4</td>
<td>28.4</td>
<td>1.2</td>
</tr>
<tr>
<td>Performance of testing system</td>
<td>1896</td>
<td>54.1</td>
<td>42.4</td>
<td>3.5</td>
</tr>
<tr>
<td>Test center total testing environment</td>
<td>1885</td>
<td>52.4</td>
<td>43.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Total experience of taking NBDE Part I</td>
<td>1871</td>
<td><strong>50.6</strong></td>
<td><strong>46.9</strong></td>
<td><strong>2.5</strong></td>
</tr>
</tbody>
</table>

## NBDE Part II

<table>
<thead>
<tr>
<th></th>
<th>N</th>
<th>Very Satisfied</th>
<th>Satisfied</th>
<th>Dissatisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appointment date</td>
<td>2162</td>
<td>53.2</td>
<td>42.9</td>
<td>3.9</td>
</tr>
<tr>
<td>Promptness in seating them</td>
<td>2153</td>
<td>68.7</td>
<td>28.4</td>
<td>2.9</td>
</tr>
<tr>
<td>Helpfulness of test center staff</td>
<td>2143</td>
<td>73.0</td>
<td>25.9</td>
<td>1.1</td>
</tr>
<tr>
<td>Performance of testing system</td>
<td>2141</td>
<td>56.5</td>
<td>39.5</td>
<td>3.9</td>
</tr>
<tr>
<td>Test center total testing environment</td>
<td>2131</td>
<td>56.4</td>
<td>39.9</td>
<td>3.7</td>
</tr>
<tr>
<td>Total experience of taking NBDE Part II</td>
<td>2127</td>
<td><strong>54.9</strong></td>
<td><strong>42.6</strong></td>
<td><strong>2.5</strong></td>
</tr>
</tbody>
</table>
Infrastructure Improvements

Website updates and Phase Two Aptify (e-business)

• The rollout of the updated website and e-business interface was the culmination of an intensive six month project. The website was revised to create a more user friendly experience and to align with the www.ada.org website redesign, which improves the website for smartphone and tablet users.

• The transactional components (applications, score report requests) were also redesigned. Users can now log into a My Account feature that allows them to track the progress of applications, score processing, and score report requests. Additionally, the online payment vendor transitioned to PayPal and the transaction components align with similar retail sites (e.g. Amazon).

• Changes were implemented in August 2014.
## NBDE Preparation Materials

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<th>Where?</th>
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<td>What to Expect on Test Day</td>
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Website

ADA Websites

ADA.org
Access member benefits and ADA policy

ADA Store
Purchase ADA products

ADA Annual Meeting
Attend ADA's premier event

ADA Center for Professional Success
Access member-only practice content

ADA Center for Evidence-Based Dentistry
Find evidence to support your clinical decisions

ADA Business Resources
Take advantage of endorsed, discounted business products

ADA Foundation
Make a difference with dentistry's premier charitable organization

Partnerships and Commissions

Joint Commission on National Dental Examinations
Learn about the examinations used in licensing dentists and dental hygienists

MouthHealthy
Find oral-health information for the public on ADA's award-winning site

Commission on Dental Accreditation
Explore CODA's role and find accredited schools and programs

Partnership for Healthy Mouths, Healthy Lives
View the campaign and resources for children's oral health

2min2x.org
Visit the Ad Council's children's oral health website

These examinations assess the ability to understand important information from basic biomedical and dental/dental hygiene sciences and also the ability to apply such information in a problem-solving context.

Specific dental and dental hygiene licensure requirements vary among jurisdictions, but all jurisdictions have three basic requirements: an educational requirement, a written examination requirement and a clinical examination requirement. You must complete all three for basic licensure requirements.
# NBDE Part I and Part II General Information

- [Apply to Take the NBDE](#)
- [Schedule a Time to Take the Examination](#)
- [Exam Preparation Material and Helpful Information](#)
- [Examination Item Development Guide](#)
- [NBDE Results Information and Audit Request](#)
News and Resources

- Case Materials
- JCNDE Actions
- Meeting Presentations
- Newsletters
- Reference Texts
- Technical Report (detailed scoring information)
- Test Construction
Examination Volume and Performance Trends

Dr. Chien-Lin Yang
Manager, Research and Development/Psychometrics
Overview

- Trends in NBDE Administration Volume
- Trends in NBDE Failure Rates
- Standard Setting for Part I and Part II
Figure 1. NBDE Part I Administrations (2005 - 2014)
** A new standard was introduced this year, based on updated standard setting activities.
Figure 2. NBDE Part II Administrations (2005 - 2014)
** A new standard was introduced this year, based on updated standard setting activities.
2014 Research and Development Activities

• Standard Setting for Part I and Part II of the National Board Dental Examination.
  ❖ Standard setting activities are used to set the cut score that separates passing and failing candidates for the high-stakes national dental board examinations.
  ❖ The identification of a cut score represents a collective judgment by subject matter experts that those who fall below a particular skill level (as represented by the cut score) have an unacceptably high likelihood of making serious errors in the practice of dentistry.
  ❖ The Joint Commission periodically conducts standard-setting activities to ensure the appropriateness of the minimum passing score for the National Board Dental Examinations.
    ➢ NBDE Part I – October 27 & 28, 2014
    ➢ NBDE Part II – November 3 & 4, 2014
2014 Research and Development Activities

- These activities have not only established the cut score for future administrations, but have also historically provided support for cut scores that are currently in use.

- The current cut scores for Part I and Part II of the National Board Dental Examinations were identified through standard-setting activities conducted in October of 2007 and 2008, respectively.

- New standards recommended by standard setting panels in 2014 are currently under review by the JCNDE.

- These standard setting activities were facilitated by Dr. Gregory Cizek, a nationally recognized expert in standard setting.

- In April 2015 the JCNDE will make decisions concerning the updated standards and deployment dates.
Contact Information

Joint Commission on National Dental Examinations
800-232-1694
nbexams@ada.org

David M. Waldschmidt, Ph.D.
Secretary, JCNDE and Director
Department of Testing Services
waldschmidtd@ada.org

Sara S. Hennings, Ph.D.
Manager, Test Development
heningss@ada.org

Kathleen J. Hinshaw, L.D.H., Ed.D.
Senior Manager, Operations/DTS
hinshawk@ada.org

Nicholas B. Hussong, B.A.
Manager, Test Administration
hussongn@ada.org

Ellen J. Ryske, M.B.A., P.M.P.
Manager, Client Services/Special
Projects
ryskee@ada.org

Chien-Lin Yang, Ph.D.
Manager, Research and
Development/Psychometrics
yangc@ada.org
Update on the Integrated National Board Dental Examination (INBDE)

Join us!

Monday, March 09, 2015
5:00 – 6:00 PM
Constitution B (2nd floor)