The North Carolina State Board of Dental Examiners

Annual Report to

The Secretary of State, the Attorney General

And

The Joint Legislative Administrative Procedure Oversight Committee

Submitted
October 27, 2015

The North Carolina State Board of Dental Examiners submits the following information as required by N.C. Gen. Stat. §93B-2.

Section 1: Board Members and Officers, August 2014 – July 2015

Dr. Stanley L. Allen, President 706 Summit Avenue Greensboro, NC 27405	**O (336) 378-1150** **FX (336) 273-7110**
Dr. Clifford O. Feingold, Secretary-Treas. 4 Stuart Circle Asheville, NC 28804	**O (828) 258-8390** **FX (828) 670-7107**
Dr. David A. Howdy, Past President 1103 Brown Street Washington, NC 27889	**O (252) 946-3355** **FX (252) 948-0578**
Dr. Kenneth M. Sadler 201 Charlois Boulevard Winston-Salem, NC 27103	**O (336) 331-3500** **FX (336) 331-3504**
Dr. William M. Litaker, Jr. 270 Third Avenue NW Hickory, NC 28601	**O (828) 327-8136** **FX (828) 327-7106**
Dr. Merlin W. Young Post Office Box 2050 Wendell, NC 27591	**O (919) 365-7416** **FX (919) 365-7933**
Ms. Carla J. Stack, RDH 14450 Adair Manor Court Charlotte, NC 28277	**O (704) 540-2255** **FX (704) 542-7281**
Dr. James B. Hemby, Jr., Consumer Member 8814 Leeshire Lane Raleigh, NC 27615	**H (919) 846-8233**

Section 1(a): Total number of licensees as of 30 Sept. 2015

Dentists:	5,832
Dental Hygienists:	7,726

Section 2: Number of persons who applied for examination

The North Carolina State Board of Dental Examiners is a member of the American Dental Examination (ADEX) which has developed a clinical examination for dentistry that is offered in 35 states and is accepted in 45. Candidates for dental licensure do not apply directly to the Board for admission to the examination. Several thousand graduates of dental schools throughout the 35 member states are eligible to apply for licensure in NC upon passing the examination.

The Board accepts the Council of Interstate Testing Agencies (CITA) clinical hygiene examination for dental hygiene. Candidates for dental hygiene licensure do not apply directly to the Board for admission to the examination. CITA is a regional testing agency composed of seven member states (Alabama, Kentucky, Louisiana, North Carolina, Puerto Rico, U.S. Virgin Islands, and West Virginia). Applicants who pass the examination may apply for a dental hygiene license in any of the member states. In 2014, there were 355 applicants for the CITA dental hygiene examination.

Section 3: The number refused examination

Applicants are not allowed to apply for the examination until all educational prerequisites are met. Therefore, no applicants were refused admission to either the ADEX dental or CITA dental hygiene examinations.

Section 4: The number who took the examination

In 2014, CITA examined a total of 355 dental hygiene candidates from all seven member states and territories.

In 2014, several thousand candidates took the ADEX clinical examination for dentistry as offered by three regional testing agencies in 35 states.

Section 5: Number to whom initial licenses were issued

In 2014, 188 applicants applied for a dental license in North Carolina. All 188 were granted a dental license. Two hundred fifty-four [254] applicants applied for a dental hygiene license. All 254 were granted a dental hygiene license.

Section 5(a): Number who failed the examination

See attached reports from the three regional testing agencies (CDCA, CITA, and SRTA) offering the ADEX dental examination.

Twenty-five [25] candidates failed the CITA dental hygiene examination.

Section 6: Application for License by credentials

Licensure by credentials is the process through which licensees in other states may apply for a North Carolina license based on their experience and a safe practice record. No additional clinical examination is required for those who qualify. In 2014, 78 dentists and 71 dental hygienists from other states applied for licensure by credentials.

Section 7: License by Credentials Issued

In 2014, the Board licensed 77 dentists and 70 dental hygienists from other states through the credentialing process. One dentist and one dental hygienist who applied for licensure by credentials were denied.

Section 7(a): Number of Official complaints involving licensed and unlicensed activity

239 complaints were received and investigated in 2014.

Section 7(b): Number of disciplinary actions against licensees or non-licensees, including injunctive relief.

15 Consent Orders entered
18 licensees suspended
16 licensees placed on probation
1 license was revoked
5 official reprimands issued
10 licensees summarily suspended
0 injunctions against unauthorized practice

Section 8: Number of licenses suspended or revoked

Number of Licenses Suspended: 18
Number of Licenses Revoked: 1

Section 9: Licensees terminated for any reason other than failure to renew

Two [2] licensees were asked to retire or voluntarily surrender his/her license.

Section 10: Substance of any anticipated statutory amendment

None

Section 11: Substance of any anticipated rule changes or adoption.

The Board anticipates amending rules on dental anesthesia and sedation designed to improved public health and safety.

Financial Reports were previously submitted directly from the audit firm of Bernard Robinson on or about April 28, 2015.

2014 CITA-ADMINISTERD ADEX EXAM PROCEDURE ATTEMPT STATISTICS

*All results compiled from exams administered between 1 JAN 2014 and 31 Dec 2014

Anterior Restorative	
Total Procedure Attempts:	271
Total Passes:	244
Total Failures:	27
Not Taken/No Show:	6
Failed/Not Taken But Retook in 2014:	24
Overall Pass Rate:	**90%**

Endodontic	
Total Procedure Attempts:	389
Total Passes:	350
Total Failures:	39
Not Taken/No Show:	1
Failed/Not Taken But Retook in 2014:	15
Overall Pass Rate:	**90%**

Posterior Restorative	
Total Procedure Attempts:	260
Total Passes:	244
Total Failures:	16
Not Taken/No Show:	14
Failed/Not Taken But Retook in 2014:	11
Overall Pass Rate:	**94%**

Prosthodontic	
Total Procedure Attempts:	431
Total Passes:	307
Total Failures:	124
(*17 candidates failed twice; 2 candidates failed 3 times; 1 candidate failed 4 times)	
Not Taken/No Show:	2
Failed/Not Taken But Retook in 2014:	80
Overall Pass Rate:	**71%**

Periodontal	
Total Procedure Attempts:	257
Total Passes:	246
Total Failures:	11
Not Taken/No Show:	2
Failed/Not Taken But Retook in 2014:	10
Overall Pass Rate:	**96%**

THE COMMISSION ON
DENTAL COMPETENCY
ASSESSMENTS

Dental Educators Conference 2015

CIF Class of 2015

June 2015

Dr. Ellis Hall
Director of Examinations

CIF Class of 2015 Examination

Dental Simulated Examination (DSE)

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics for the Dental Simulated Examination (DSE) As of May 2015

- 5.89% of candidates did not utilize all available opportunities to complete the Dental Simulated Examination (DSE).
- 99.71% of all candidates utilizing all opportunities available to complete the examination process passed the DSE.

CIF Class of 2015 Examination

Dental Simulated Examination (DSE) Mean Scores

Year	Score
2011	85
2012	84
2013	84
2014	85
2015	85

CIF Class of 2015 Examination

Dental Simulated Examination (DSE)
Overall Performance Evaluation

Number of Items	150
High Score (in percent)	99%
Low Score (in percent)	66%
Percent of Candidates with Score <75%	93%
Mean Percentage Score	85%

CIF Class of 2015 Examination

Prosthodontics Examination

CIF Class of 2015 Examination

Prosthodontics Examination

86% of Candidates passed

on their first attempt

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics for the
Prosthodontics Examination
As of May 2015

- 0.64% of candidates did not utilize all available opportunities to complete the Prosthodontics Examination.
- 99.31% of all candidates utilizing all opportunities available to complete the examination process passed the Prosthodontics Examination.

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Cast Metal Crown

1. Axial Walls Smoothness/Undercuts
2. Occlusal Reduction
3. Taper

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

PFM Crown

1. Axial Tissue Removal
2. Occlusal Reduction
3. Axial Walls Smoothness/Undercuts

THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Ceramic Crown

1. Axial Tissue Removal
2. Incisal Reduction
3. Axial Walls Smoothness/Undercut

THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

CIF Class of 2015 Examination

Endodontics Examination

THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

CIF Class of 2015 Examination

Endodontics Examination

95% of Candidates passed

on their first attempt

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics for the
Endodontics Examination
As of May 2015

- 0.37% of candidates did not utilize all available opportunities to complete the Endodontics Examination.
- 99.95% of all candidates utilizing all opportunities available to complete the examination process passed the Endodontics Examination.

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Anterior Endodontic

1. Overfill/Underfill
2. Filled above/below CEJ
3. Size

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Posterior Endodontic

1. Internal Form
2. Size

Anterior Restorative

Anterior Restorative Examination

91% of Candidates passed

on their first attempt

Cumulative Pass/Fail Statistics for the
Anterior Restorative Examination
As of May 2015

- 1.66% of candidates did not utilize all available opportunities to complete the Anterior Restorative Examination.
- 99.25% of all candidates utilizing all opportunities available to complete the examination process passed the Anterior Restorative Examination.

Most Common Errors Contributing to Failure

Composite Anterior Preparation

1. Caries/Remaining Material
2. Unrecognized Exposure

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Composite Anterior Restoration

1. Interproximal Contact
2. Margin Excess/Deficiency

CIF Class of 2015 Examination

Posterior Restorative

CIF Class of 2015 Examination

Posterior Restorative Examination

93% of Candidates passed

on their first attempt

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics for the
Posterior Restorative Examination
As of May 2015

- 2.25% of candidates did not utilize all available opportunities to complete the Posterior Restorative Examination.
- 99.20% of all candidates utilizing all opportunities available to complete the examination process passed the Posterior Restorative Examination.

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Composite Posterior Box Preparation

1. Caries/Remaining Material
2. Outline Shape/Continuity/Extension

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Composite Posterior Box Restoration

1. Interproximal Contact
2. Margin Excess/Deficiency

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Composite Posterior Conventional Preparation

1. Caries/Remaining Material
2. Pulpal Floor
3. Outline Shape/Continuity/Extension

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Composite Posterior Conventional Restoration

1. Interproximal Contact
2. Margin Excess/Deficiency

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Amalgam Preparation

1. Caries/Remaining Material
2. Pulpal Floor

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Amalgam Restoration

1. Interproximal Contact
2. Fractured Restoration

CIF Class of 2015 Examination

Periodontal

CIF Class of 2015 Examination

4.02% of candidates registered for the Periodontal Examination elected to not take the Examination.

CIF Class of 2015 Examination

Periodontal Examination

96% of Candidates passed

on their first attempt

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics for the Periodontal Examination
As of May 2015

- .53% of candidates did not utilize all available opportunities to complete the Periodontal Examination.
- 99.90% of all candidates utilizing all opportunities available to complete the examination process passed the Periodontal Examination.

CIF Class of 2015 Examination

Most Common Errors Contributing to Failure

Periodontal Examination

1. Calculus Detection/Removal
2. Pocket Depth Qualification
3. Case Acceptance

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics
As of May 2015

Used All Opportunities, CIF Candidates, Perio Optional

- 7.27% of candidates did not utilize all available opportunities to complete the examination process.
- 97.27% of all candidates utilizing all opportunities available to complete the examination process passed all parts of the examination.

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics
As of May 2015

Used All Opportunities, CIF Candidates, Perio Optional

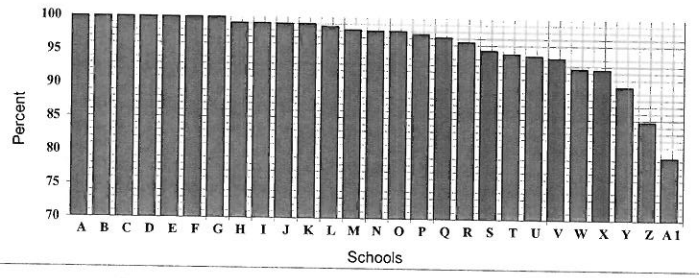
Examination	Percent Pass
DSE	99.71%
Endodontics	99.95%
Prosthodontics	99.31%
Anterior Restor.	99.25%
Posterior Restor.	99.20%

THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

CIF Class of 2015 Examination

Cumulative Pass/Fail Statistics by School

Includes all examinees that used all opportunities to complete the examination
from August 2014 – May 2015
Used All Opportunities, CIF Candidates, Perio Optional



THE COMMISSION ON **DENTAL COMPETENCY** ASSESSMENTS

Bobby White

From: Kathleen White <kwhite@srta.org>
Sent: Friday, October 23, 2015 4:41 PM
To: Bobby White
Subject: Fwd: NC Annual Report

Hi Bobby-sorry for the delay in getting info to you.
Been out of town.
See you in DC.

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: Jessica Bui <jbui@srta.org>
Date: 10/22/2015 10:01 AM (GMT-06:00)
To: Kathleen White <kwhite@srta.org>
Subject: RE: NC Annual Report

Kathleen,

Please see the numbers below:

- The number of persons who applied to the board for examination.
  - 647
- The number who were refused examination.
  - 0
- The number who took the examination.
  - 642 (5 candidates ended up not needing to take the exam at all/changed their mind)
- The number who failed the examination.
  - 8 out of 642 who did not retake within the same year.