



DENTAL ASSISTING COUNCIL

NOTICE OF TELECONFERENCE MEETING

Council Members

Melinda Cazares, RDA, Chair
Jeri Fowler, CDA, RDAEF2, OA,
Vice Chair

Michele Jawad, RDA, M.A.ED
Cara Miyasaki, RDA, RDHEF, MS
Rosalinda Olague, RDA, BA
Joanne Pacheco, RDH, MAOB
Traci Reed-Espinoza, RDAEF2

April 30, 2021

**Action may be taken
on any item listed on
the agenda.**

**The Dental Assisting Council (Council) of the Dental Board of California (Board)
will meet by teleconference at**

9:00 a.m., Friday, April 30, 2021

NOTE: Pursuant to the provisions of Governor Gavin Newsom's Executive Order N-29-20, issued on March 17, 2020, this meeting will be held by teleconference with no physical public locations.

Important Notice to the Public: The Council will hold this meeting via WebEx Events. Instructions to connect to the meeting can be found [HERE](#).

To participate in the WebEx Events meeting, please log on to this website the day of the meeting:

<https://dca-meetings.webex.com/dca-meetings/onstage/g.php?MTID=e0e16d1a774e70c0930b22d127774cbd7>

Event number: 187 159 1556

Event password: Dental43021

Due to potential technical difficulties, please consider submitting written comments by April 23, 2021, to Dental.Board@dbc.ca.gov for consideration.

AGENDA

1. Call to Order/Roll Call/Establishment of a Quorum

2. Public Comment on Items Not on the Agenda
Note: The Council may not discuss or take action on any matter raised during this Public Comment section, except to decide whether to place the matter on the agenda of a future meeting. (Government Code Sections 11125 and 11125.7(a).)
3. Discussion and Possible Action on February 25, 2021 Meeting Minutes **[4-7]**
4. Presentation Regarding Orthodontic Assistant (OA) Permit Occupational Analysis and Examination Modifications – *Department of Consumer Affairs (DCA), Office of Professional Examination Services (OPES)* **[8-112]**
5. Update Regarding Registered Dental Assistant in Extended Functions (RDAEF) Written Examination – *DCA, OPES* **[113-114]**
6. Update on Dental Assisting Programs and Courses **[115-118]**
7. Update on Dental Assisting Examination Statistics **[119-133]**
 - a. Registered Dental Assistant (RDA) General Written and Law and Ethics Examinations
 - b. RDAEF General Written Examination
 - c. OA Written Examination
 - d. Dental Sedation Assistant (DSA) Written Examination
8. Update on Dental Assisting Licensing Statistics **[134-140]**
 - a. RDA
 - b. RDAEF
 - c. OA
 - d. DSA
9. Discussion and Possible Action on Potential Amendments to Business and Professions Code Section 1750, Infection Control Course Requirements for Unlicensed Dental Assistants **[141-149]**
10. Future Agenda Items
Stakeholders are encouraged to propose items for possible consideration by the Council at a future meeting.
11. Adjournment

This agenda can be found on the Dental Board of California website at dbc.ca.gov. The time and order of agenda items are subject to change at the discretion of the Council Chair and may be taken out of order. In accordance with the Bagley-Keene Open Meeting Act, all meetings of the Council are open to the public.

The meeting will be webcast, provided there are no unforeseen technical difficulties or limitations. To view the webcast, please visit thedcapage.wordpress.com/webcasts/. The meeting will not be cancelled if webcast is not available. Meeting adjournment may not be webcast if it is the only item that occurs after a closed session.

Government Code section 11125.7 provides the opportunity for the public to address each agenda item during discussion or consideration by the Council prior to the Council taking any action on said item. Members of the public will be provided appropriate opportunities to comment on any issues before the Council, but the Council Chair, at his or her discretion, may apportion available time among those who wish to speak. Individuals may appear before the Council to discuss items not on the agenda; however, the Council can neither discuss nor take official action on these items at the time of the same meeting (Government Code sections 11125, 11125.7(a)).

This meeting is being held via WebEx Events. The meeting is accessible to the physically disabled. A person who needs a disability-related accommodation or modification in order to participate in the meeting may make a request by contacting Karen M. Fischer, MPA, Executive Officer, at Dental Board of California, 2005 Evergreen Street, Suite 1550, Sacramento, CA 95815, or by phone at (916) 263-2300. Providing your request at least five business days before the meeting will help ensure availability of the requested accommodation. TDD Line: (877) 729-7789



**DENTAL BOARD OF CALIFORNIA
TELECONFERENCE PUBLIC BOARD MEETING
DENTAL ASSISTING COUNCIL MEETING MINUTES
THURSDAY, FEBRUARY 25, 2021**

NOTE: Pursuant to the provisions of Governor Gavin Newsom's Executive Order N-25-20, dated March 12, 2020, neither a public location nor teleconference locations are provided.

Members Present:

Rosalinda Olague, RDA, BA, Vice Chair
Melinda Cazares, RDA
Jeri Fowler, CDA, RDAEF2, OA
Michele Jawad, RDA, M.A.ED
Cara Miyasaki, RDA, RDHEF, MS
Joanne Pacheco, RDH, MAOB
Traci Reed-Espinoza, RDAEF2

Members Absent:

None.

Staff Present:

Karen M. Fischer, MPA, Executive Officer
Sarah Wallace, Assistant Executive Officer
Tina Vallery, Chief of Administration and Licensing
Emilia Zuloaga, Dental Assisting Program Manager
Wilbert Rumbaoa, Administrative Services Unit Manager
Pahoua Thao, Administrative Analyst
Tara Welch, Board Legal Counsel, Attorney III, DCA

Agenda Item 1: Call to Order/Roll Call/Establishment of a Quorum

Vice Chair, Rosalinda Olague, called the meeting to order at 9:07 a.m. and a quorum was established.

Agenda Item 2: Election of Council Chair and Vice Chair

Ms. Karen Fischer, Executive Officer, facilitated the election. She opened the floor for nominations for the position of Chair of the Dental Assisting Council (Council).

Vice Chair Olague nominated Ms. Melinda Cazares. Ms. Cazares accepted the nomination. There were no additional nominations.

Ayes: Cazares, Fowler, Jawad, Miyasaki, Olague, Pacheco, Reed-Espinoza

Nays: None.

Abstentions: None.

Absent: None.

Recusals: None.

Ms. Cazares was elected for Chair of the Dental Assisting Council.

Ms. Fischer opened the floor for nominations for the position of Vice Chair of the Dental Assisting Council.

Chair Cazares nominated Ms. Jeri Fowler. Ms. Fowler accepted the nomination. There were no additional nominations.

Ayes: Cazares, Fowler, Jawad, Miyasaki, Olague, Pacheco, Reed-Espinoza

Nays: None.

Abstentions: None.

Absent: None.

Recusals: None.

Ms. Fowler was elected for Vice Chair of the Dental Assisting Council.

Agenda Item 3: Public Comment on Items Not on the Agenda

There were no public comments for items not on the agenda.

Agenda Item 4: Update on Dental Assisting Programs and Courses

Ms. Emilia Zuloaga, Dental Assisting Program Manager, provided the report, which is available in the meeting materials. There were no public comments.

Agenda Item 5: Overview of Registered Dental Assistant (RDA) Program Re-evaluations

Ms. Zuloaga provided the report, which is available in the meeting materials. There were no public comments.

Agenda Item 6: Update on Dental Assisting Examination Statistics

Ms. Zuloaga provided the report, which is available in the meeting materials. There were no public comments.

Agenda Item 7: Update on Dental Assisting Licensing Statistics

Ms. Zuloaga provided the report, which is available in the meeting materials.

Agenda Item 8: Presentation on Dental Assistant Pathway and Smile Crew California – California Dental Association (CDA)

Mr. Anders Bjork, Vice President of the Strategic Intelligence and Analytics at the CDA, provided the report, which is available in the meeting materials.

Ms. Michele Jawad asked how CDA will determine the curriculum for the candidates.

Mr. Bjork responded that the dental assisting curriculum was developed from the Elsevier model and would be sufficient for candidates to understand the basic knowledge to support dental providers as assistants. Ms. Olague commented in support of CDA's Dental Assistant Pathway and asked if the launch date is still scheduled for March of

2021. Mr. Bjork responded that the project is in flux and is hopeful that it will begin in April. Ms. Cara Miyasaki asked if there were any educators involved in the process and if there will be a background check on candidates who are interested in the pathway. Mr. Bjork responded that CDA will conduct background checks and currently does not have a process that involves educators in the project; however, they will consider working with educators as they progress with the development of the pathway.

Ms. Melodi Randolph, California Association of Dental Assisting Teachers (CADAT), California Dental Assistants Association (CDAA), and Dental Assisting Educator's Group (DAEG) representative, commented in support of having educators involved in the planning of the pathway. Dr. Bruce Whitcher, former Board member, commented for CDA to consider preparing candidates to pass courses that currently exist for dental assistants such as Infection Control, California Dental Practice Act and Cardiopulmonary Resuscitation (CPR) as a requirement.

Agenda Item 9: Discussion and Possible Action on Potential Amendments to Business and Professions Code Section 1750, Infection Control Course Requirements for Unlicensed Dental Assistants

Ms. Zuloaga provided the report, which is available in the meeting materials. After a lengthy discussion, the Council directed staff to draft proposed language regarding the course requirement and bring back more information regarding the geographic location of where the course is being offered.

Dr. Whitcher reminded all members that the dental providers would be responsible for oversight responsibilities and expertise of the employees they hire. Ms. Randolph responded to Dr. Whitcher that some dental providers delegate their employees to work with infection control procedures and she is in support of updating the language. Ms. Claudia Pohl, CDAA representative, commented that allowing dental assistants to work for twelve (12) months without the infection control course does not align with the Blood-borne Pathogen Standard for The Division of Occupational Safety and Health of California.

Agenda Item 10: Presentation Regarding Examination Development and Validation Processes –DCA, Office of Professional Examination Services (OPES)

Dr. Tracy Montez, Chief of Division of Programs and Policy Review for the DCA, and Dr. Heidi Lincer, Chief of the OPES, provided the report regarding OPES functions and responsibilities which includes Business and Professions Code Section 139 requirements from the DCA Licensure Examination Validation Policy, conducting occupational analyses, examination (exam) development and validation process and the scoring criteria methodology.

Dr. Montez and Dr. Lincer addressed Council member's questions regarding impacts on the exams from the Coronavirus (COVID-19), educators' involvement in the occupational analyses process, the format of the exams and updates regarding references for the RDA General and Written exam.

Ms. Randolph asked if the exam questions are updated and revised every five (5) years. Dr. Lincer responded that the occupational analysis is updated every five (5) years and the updates to the exam is ongoing.

Agenda Item 11: Presentation Regarding RDA Written Examination Pass Rates – OPES

Dr. Montez and Dr. Lincer provided the report which is available in the meeting materials. The report went over the analysis of the RDA exam from the DCA OPES. Dr. Montez and Dr. Lincer addressed Council member's questions regarding demographic information for the exam.

Ms. Melodi Randolph, CADAT, CDAA and DAEG representative, commented in support of offering the exam in multiple languages.

Agenda Item 12: Update Regarding RDAEF Examination

Ms. Zuloaga provided the report, which is available in the meeting materials. Since the posting of the meeting materials, Ms. Sarah Wallace, Assistant Executive Officer, provided an update that Senator Richard Roth introduced Senate Bill 607 on February 19, 2021 which enacted the Board's proposal to eliminate the RDAEF practical and clinical exam. Ms. Wallace addressed Council member questions and provided information regarding the legislative process. There were no public comments.

Agenda Item 13: Future Agenda Items

Ms. Traci Reed-Espinoza asked to consider a future agenda item regarding RDAEF2 to administer local anesthesia to patients.

Agenda Item 14: Adjournment

Chair Cazares adjourned the meeting at 11:52 a.m.



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Emilia Zuloaga, Dental Assisting Program Manager Dental Board of California
SUBJECT	Agenda Item 4: Presentation Regarding Orthodontic Assistant (OA) Permit Occupational Analysis and Examination Modifications

Background:

At the February 25, 2021 Dental Assisting Council meeting, members requested more information from the Department of Consumer Affairs' (DCA) Office of Professional Examination Services (OPES) about the OA Permit Examination and its progress regarding being updated.

Representatives from OPES will be presenting their recommendations for modifications to the OA Permit Examination based on the results of the occupational analysis that was recently conducted.

Action Requested:

No action requested.

Attachment: April 2021 OA Permit Occupational Analysis



OCCUPATIONAL ANALYSIS OF THE
ORTHODONTIC ASSISTANT PRACTICE



DENTAL BOARD OF CALIFORNIA

OCCUPATIONAL ANALYSIS OF THE ORTHODONTIC ASSISTANT PRACTICE



April 2021

Melissa O. Storz, Research Data Analyst II

Karen Okicich, M.A., Research Data Supervisor II

Heidi Lincer, Ph.D., Chief



This occupational analysis report is mandated by California Business and Professions (B&P) Code § 139 and by DCA Licensure Examination Validation Policy OPES 18-02.

EXECUTIVE SUMMARY

The Dental Board of California (Board) requested that the Department of Consumer Affairs' Office of Professional Examination Services (OPES) conduct an occupational analysis (OA) of the orthodontic assistant practice in California. The purpose of the OA is to define practice in terms of critical tasks that orthodontic assistants must be able to perform safely and competently at the time they are issued a permit. The results of this OA provide a description of practice for the orthodontic assistant profession and provide the basis for constructing a valid and legally defensible Orthodontic Assistant Examination.

OPES test specialists began by researching the profession and conducting telephone interviews with orthodontic assistants working in locations throughout California. The purpose of these interviews was to identify the tasks performed by orthodontic assistants and to specify the knowledge required to perform those tasks safely and competently. Using the information gathered from the research and the interviews, OPES test specialists developed a preliminary list of tasks performed by orthodontic assistants in their practice, along with statements of the knowledge needed to perform those tasks.

In July 2020, OPES convened a workshop to review and refine the preliminary lists of task and knowledge statements describing orthodontic assistant practice in California. The workshops included orthodontic assistant permit holders (orthodontic assistants), or subject matter experts (SMEs), with diverse backgrounds in the profession (e.g., location of practice, years practicing). A second workshop was held in September 2020 to review the results of the initial workshops and finalize the task and knowledge statements. The SMEs linked each task statement with the content of knowledge statements required to perform that task and reviewed the demographic questions to be used on the OA questionnaire.

After the second workshop, OPES test specialists developed a two-part OA questionnaire to be completed by a sample of orthodontic assistants statewide. Development of the OA questionnaire included a pilot study that was conducted using a group of orthodontic assistants who participated in the July and September 2020 workshops. The pilot study participants' feedback was incorporated into the final questionnaire, which was administered from November 17, 2020 to December 14, 2020.

In the first part of the OA questionnaire, orthodontic assistants were asked to provide demographic information related to their work settings and practice. In the second part, orthodontic assistants were asked to rate specific tasks by frequency (i.e., how often the orthodontic assistant performs the task in their current practice) and importance (i.e., how important the task is to effective performance in the orthodontic assistant's current practice).

In November 2020, on behalf of the Board, OPES sent an email to a sample of 794 actively practicing orthodontic assistants, inviting them to complete the online OA questionnaire. The email invitation was sent to orthodontic assistants for whom the Board had an email address on file. Reminder emails were sent weekly after the initial invitation was made.

A total of 239 orthodontic assistants, or approximately 30.1% of the orthodontic assistants who received an email invitation, responded to the OA questionnaire. The final number of respondents included in the data analysis was 105 (13.2%). This response rate reflects two adjustments. First, OPES excluded data from respondents who indicated they were not currently holding a permit and practicing in California. Second, OPES removed data from questionnaires that contained a large portion of incomplete responses.

OPES test specialists then performed data analyses of the task ratings obtained from the OA questionnaire respondents. The task frequency and importance ratings were combined to derive an overall criticality index for each task statement.

Once the data were analyzed, OPES conducted a third workshop with SMEs in January 2021. The SMEs evaluated the criticality indices and determined whether any task statements should be excluded from the examination outline. The SMEs also established the final linkage between tasks and knowledge statements, organized the tasks and knowledge statements into content areas, and defined those content areas. The SMEs then evaluated the preliminary content area weights and determined the final weights for the new Orthodontic Assistant Examination outline. Results of this workshop were finalized during a fourth workshop held in March 2021.

The examination outline is structured into four content areas weighted relative to the other content areas. The new outline identifies the tasks and knowledge critical to safe and competent orthodontic assistant practice in California at the time of permit issuance.

The examination outline developed as a result of this OA provides a basis for developing the Orthodontic Assistant Examination.

OVERVIEW OF THE EXAMINATION OUTLINE

Content Area	Content Area Description	Weight
1. Patient Information and Diagnostic Records	This area assesses the candidate's ability to review information about a patient's history and oral conditions as they relate to orthodontic treatment. This area also assesses the candidate's ability to assist with diagnostic records and to chart information related to orthodontic treatment. These activities are performed under the supervision of a dentist or orthodontist.	10%
2. Orthodontic Procedures	This area assesses the candidate's ability to prepare for and to provide orthodontic assistant services. This includes services related to bonding, the placement and removal of orthodontic components, and use of auxiliaries. This area also assesses the candidate's ability to educate the patient about oral health and orthodontic maintenance. These activities are performed under the supervision of an orthodontist.	60%
3. Infection Control and Health and Safety	This area assesses the candidate's ability to maintain a safe and sanitary work environment and to adhere to infection control protocols and standard precautions.	18%
4. Laws and Regulations	This area assesses the candidate's knowledge of laws and regulations regarding permit requirements, scope of practice, professional conduct, and professional responsibilities.	12%
Total		100%

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CHAPTER 1 | INTRODUCTION

PURPOSE OF THE OCCUPATIONAL ANALYSIS

The Dental Board of California (Board) requested that the Department of Consumer Affairs' Office of Professional Examination Services (OPES) conduct an occupational analysis (OA) as part of the Board's comprehensive review of orthodontic assistant practice in California. The purpose of the OA is to define orthodontic assistant practice in terms of critical tasks that practitioners must be able to perform safely and competently when they are issued a permit. The results of this OA provide a description of practice for the orthodontic assistant profession that can then be used to construct the California Orthodontic Assistant Examination.

PARTICIPATION OF SUBJECT MATTER EXPERTS

California orthodontic assistant permit holders (orthodontic assistants) participated as subject matter experts (SMEs) during the phases of the OA to ensure that the description of practice directly reflects the current orthodontic assistant profession in California. These SMEs represented the occupation in terms of geographic location of practice and years of experience. The SMEs provided technical expertise and information regarding different aspects of current orthodontic assistant practice, including interviews and workshops. During interviews, the SMEs provided information about tasks involved in their practice and the knowledge required to perform those tasks safely and competently. During workshops, the SMEs developed and reviewed the task and knowledge statements describing the orthodontic assistant practice, organized the task and knowledge statements into content areas, evaluated the results of the OA, and developed the examination outline.

ADHERENCE TO LEGAL STANDARDS AND GUIDELINES

Licensure, certification, and registration programs in the State of California adhere strictly to federal and state laws and regulations, as well as to professional guidelines and technical standards. For the purpose of occupational analyses, the following laws and guidelines are authoritative:

- California Business and Professions (B&P) Code § 139.
- 29 Code of Federal Regulations Part 1607 – Uniform Guidelines on Employee Selection Procedures (1978).
- California Fair Employment and Housing Act, Government Code section 12944.
- *Principles for the Validation and Use of Personnel Selection Procedures* (2018), Society for Industrial and Organizational Psychology (SIOP).
- *Standards for Educational and Psychological Testing* (2014), American Educational Research Association, American Psychological Association, and National Council on Measurement in Education.

For a licensure, certification, or registration program to meet these standards, it must be solidly based upon the occupational activities required for practice.

DESCRIPTION OF OCCUPATION

The orthodontic assistant occupation is described as follows in California B&P Code § 1750.3:

A person holding an orthodontic assistant permit pursuant to Section 1750.2 may perform the following duties under the direct supervision of a licensed dentist:

- (a) All duties that a dental assistant is allowed to perform.
- (b) Prepare teeth for bonding, and select, preposition, and cure orthodontic brackets after their position has been approved by the supervising licensed dentist.
- (c) Remove only orthodontic brackets and attachments with removal of the bonding material by the supervising licensed dentist.
- (d) Size, fit, and cement orthodontic bands.
- (e) Remove orthodontic bands and remove excess cement from supragingival surfaces of teeth with a hand instrument.
- (f) Place and ligate archwires.
- (g) Remove excess cement with an ultrasonic scaler from supragingival surfaces of teeth undergoing orthodontic treatment.
- (h) Any additional duties that the board may prescribe by regulation.

CHAPTER 2 | OCCUPATIONAL ANALYSIS QUESTIONNAIRE

SUBJECT MATTER EXPERT INTERVIEWS

OPES conducted telephone interviews with six orthodontic assistants practicing in California. During the semi-structured interviews, practitioners were asked to identify major content areas of practice and the tasks performed in each area. The orthodontic assistants were also asked to identify the knowledge necessary to perform each task safely and competently.

TASK AND KNOWLEDGE STATEMENTS

To develop a preliminary list of task and knowledge statements, OPES test specialists integrated information gathered from literature reviews of practice-related sources (e.g., previous OA reports, articles, laws and regulations, and industry publications) and from interviews with SMEs. The statements were organized into major content areas of practice.

In July and September 2020, OPES test specialists facilitated two workshops to review and refine the task and knowledge statements. Ten SMEs from diverse backgrounds (e.g., years practicing and geographic location) participated in these workshops. During the first workshop, SMEs evaluated the task and knowledge statements for technical accuracy, level of specificity, and comprehensiveness of assessment of practice. In addition, SMEs evaluated the organization of task statements within content areas to ensure that the content areas were independent and non-overlapping.

During the second workshop, the SMEs performed a preliminary linkage of the task and knowledge statements. The linkage was performed to identify the knowledge required for performance of each task and to verify that each statement of knowledge identified is important for safe and effective performance as an orthodontic assistant. Additionally, the linkage ensured that all task statements were linked to at least one knowledge statement and that each knowledge statement was linked to at least one task statement. During this workshop, SMEs also reviewed and revised the proposed demographic questions for the OA questionnaire and evaluated the scales that would be used for rating task and knowledge statements.

OPES used the final list of task statements, associated knowledge statements, demographic questions, and rating scales to develop an online questionnaire that was sent to a sample of California orthodontic assistants.

QUESTIONNAIRE DEVELOPMENT

OPES test specialists developed an online OA questionnaire designed to solicit orthodontic assistants' ratings of the task and knowledge statements. The surveyed orthodontic assistants were instructed to rate how often they perform each task in their current practice (Frequency) and how important each task is to effective performance of their current practice (Importance). The OA questionnaire also included a demographic section to obtain relevant professional background information about responding orthodontic assistants. The OA questionnaire can be found in Appendix E.

PILOT STUDY

Before administering the final questionnaire, OPES conducted a pilot study of the online questionnaire. The draft questionnaire was reviewed by the Board and then sent to 12 SMEs who had participated in the OA workshops. OPES received feedback to the pilot study from six respondents. The SMEs reviewed the task and knowledge statements in the questionnaire for technical accuracy and for whether they reflected orthodontic assistant practice. The SMEs also provided the estimated time for completion, and feedback about the online navigation and ease of use of the questionnaire. OPES used this feedback to prepare the final questionnaire, which was administered from November 17, 2020 to December 14, 2020.

CHAPTER 3 | RESPONSE RATE AND DEMOGRAPHICS

SAMPLING STRATEGY AND RESPONSE RATE

In November 2020, on behalf of the Board, OPES sent an email to a sample of 794 actively practicing orthodontic assistants for whom the Board had an email address on file, inviting them to complete the online OA questionnaire. Reminder emails were sent weekly after the initial invitation. The email invitation is displayed in Appendix D.

A total of 239 orthodontic assistants, or approximately 30.1% of the orthodontic assistants who received an email invitation, responded to the OA questionnaire. The final number of respondents included in the data analysis was 105 (13.2%). This response rate reflects two adjustments. First, OPES excluded data from respondents who indicated they were not currently holding a permit and practicing as orthodontic assistants in California. Second, OPES excluded data from questionnaires with a large portion of incomplete responses.

DEMOGRAPHIC SUMMARY

As shown in Table 1 and Figure 1, the responding orthodontic assistants reported a range of years of experience and were distributed across the predefined experience level categories. A majority of respondents (85.7%) reported holding an orthodontic assistant permit for five years or fewer, while 14.3% reported holding an orthodontic assistant permit for six years or more.

Table 2 and Figure 2 show that 70.4% of the respondents indicated that they were registered dental assistants (RDAs) with qualifying experience, while 21% indicated they had practiced as a dental assistant for 12 months or more before becoming an orthodontic assistant. Table 3 and Figure 3 show that most respondents reported holding an X-ray certification (91.4%) or coronal polishing certification (85.7%) as well as their orthodontic assistant permit. A small proportion of respondents indicated that they also held a registered dental assistant in extended functions (RDAEF) license (4.8%) or a dental sedation assistant permit (1.9%).

Table 4 and Figure 4 show that 81% of the respondents reported that their primary work setting was located in an urban area. When asked to indicate their primary practice setting, 41% of the respondents reported private orthodontic practice with one orthodontist, 30.5% reported group orthodontic practice with two or more orthodontists, and 10.5% reported group general practice with two or more dentists (see Table 5 and Figure 5).

Table 6 and Figure 6 show that 31.4% of respondents reported that there were 2–3 additional orthodontic assistants working in their primary work setting, while 26.7% reported being the only orthodontic assistant in their primary work setting. Table 7 and Figure 7 show that 36.2% of respondents reported 2–3 additional licensed RDAs and RDAEFs working in their primary work setting, while 21% reported one additional licensed RDA or RDAEF in their primary work setting, and 20% reported no additional licensed RDAs or RDAEFs in their primary work setting. Table 8 and Figure 8 show that 57.1% of respondents reported no dental assistants in their primary work setting, while 18.1% reported 2–3 dental assistants in their primary work setting.

Table 9 and Figure 9 show the breakdown of procedures performed in the respondent's primary work settings. Respondents were asked to select all that apply. Of the respondents, 75.2% reported that Invisalign delivery is performed in their primary work setting, 63.8% reported that 3D model scanning is performed, 54.3% reported that removable appliances are fabricated, 42.9% reported that fixed appliances are fabricated, and 19% reported that cone-beam computed tomography is performed.

Additional demographic information from respondents can be found in Tables 1–10 and Figures 1–10.

TABLE 1 – YEARS HOLDING ORTHODONTIC ASSISTANT PERMIT

YEARS	NUMBER (N)	PERCENT
Fewer than 12 months	14	13.3
1–5 years	76	72.4
6–10 years	14	13.3
11–15 years	1	1.0
16–20 years	0	0
More than 20 years	0	0
Total	105	100

FIGURE 1 – YEARS HOLDING ORTHODONTIC ASSISTANT PERMIT

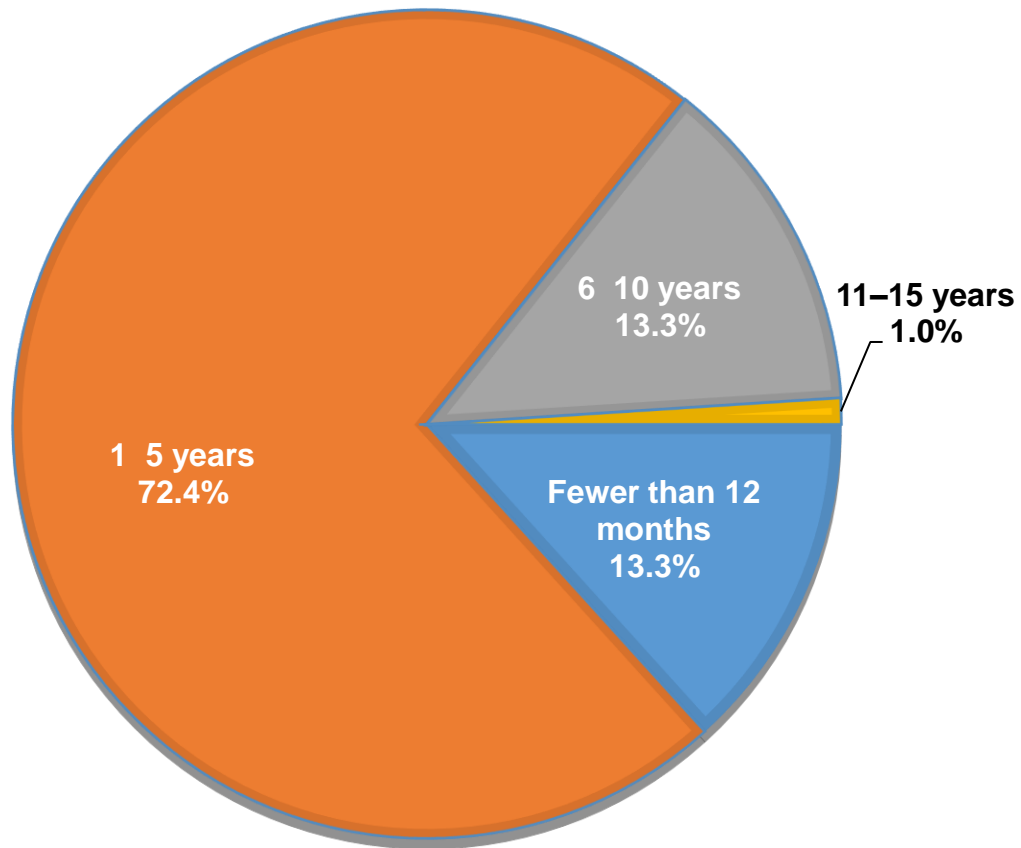


TABLE 2 – ORTHODONTIC ASSISTANT QUALIFICATION PATHWAY

PATHWAY	NUMBER (N)	PERCENT
12 months or longer as Dental Assistant	22	21.0
RDA with qualifying experience	74	70.4
Other	9	8.6
Total	105	100

FIGURE 2 – ORTHODONTIC ASSISTANT QUALIFICATION PATHWAY

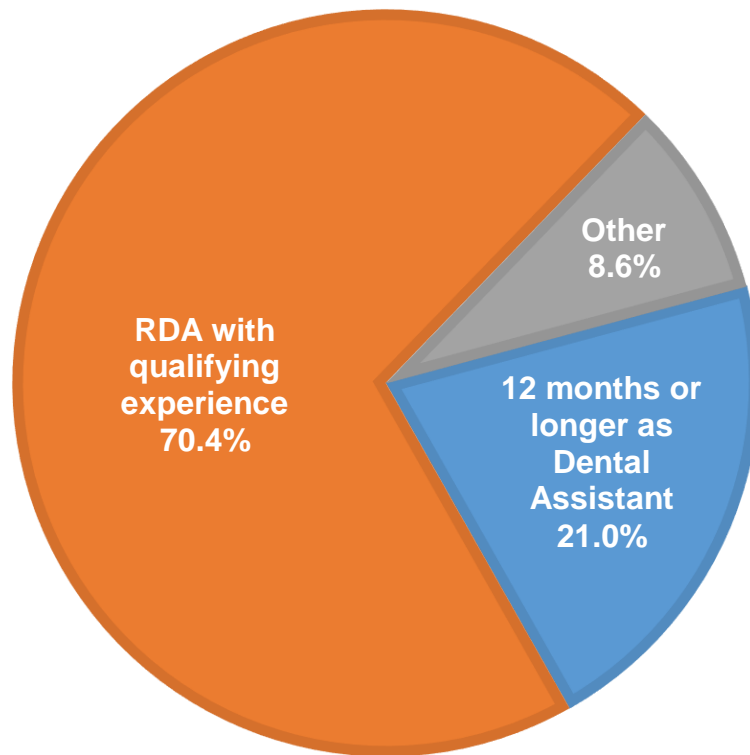


TABLE 3 – OTHER LICENSES AND CERTIFICATIONS HELD*

LICENSES AND CERTIFICATIONS	NUMBER (N)	PERCENT**
Registered Dental Assistant (RDA)	85	81.0
RDAEF	5	4.8
X-ray Certification	96	91.4
Dental Sedation Assistant Permit	2	1.9
Coronal Polishing Certification	90	85.7
Other	35	33.3
Not Applicable	1	1.0

*NOTE: Respondents were asked to select all that apply.

**NOTE: Percentages indicate the proportion in the sample of respondents.

FIGURE 3 – OTHER LICENSES AND CERTIFICATIONS HELD

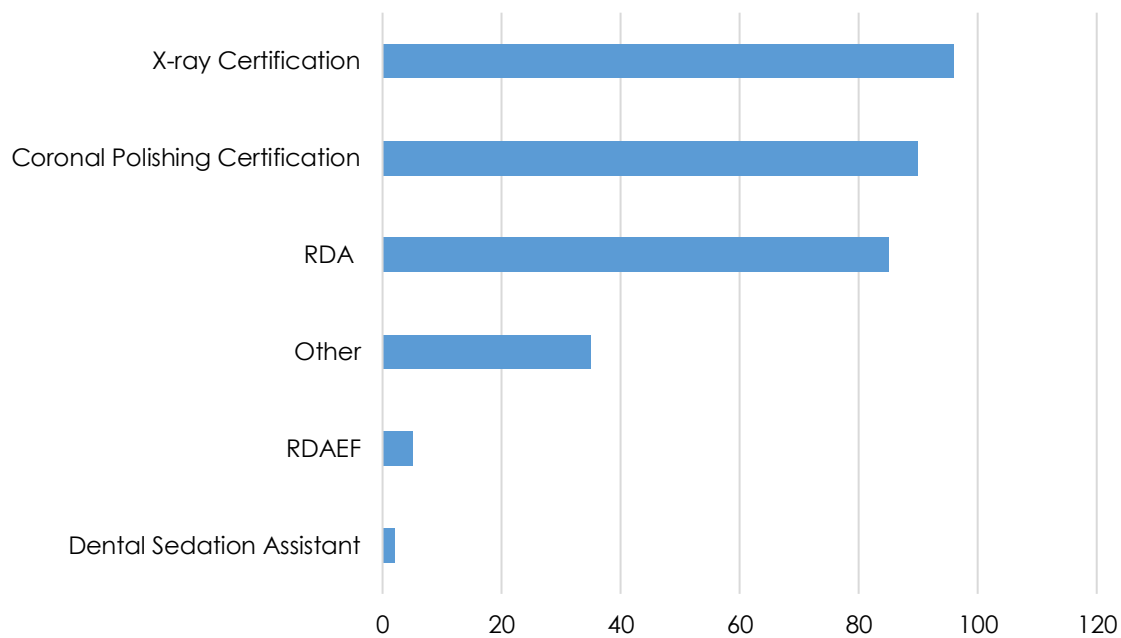


TABLE 4 – LOCATION OF PRIMARY WORK SETTING

LOCATION	NUMBER (N)	PERCENT
Urban (more than 50,000 people)	85	81.0
Rural (fewer than 50,000 people)	18	17.1
Missing	2	1.9
Total	105	100

FIGURE 4 – LOCATION OF PRIMARY WORK SETTING

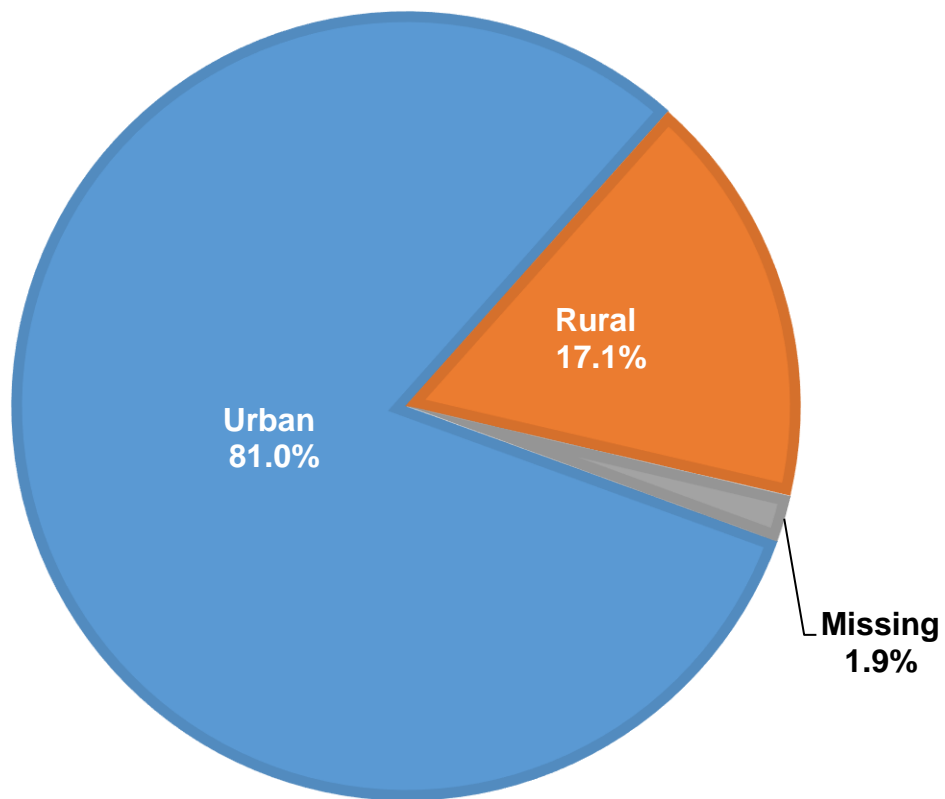


TABLE 5 – PRIMARY PRACTICE SETTING DESCRIPTION

PRACTICE SETTING	NUMBER (N)	PERCENT*
Private orthodontic practice with one orthodontist	43	41.0
Private general practice with one dentist	5	4.8
Group orthodontic practice with two or more orthodontists	32	30.5
Group general practice with two or more dentists	11	10.5
Public health dentistry	2	1.9
Dental school clinic	2	1.9
Other	9	8.6
Missing	1	1.0
Total	105	100

*NOTE: Percentages do not add to 100 due to rounding.

FIGURE 5 – PRIMARY PRACTICE SETTING DESCRIPTION

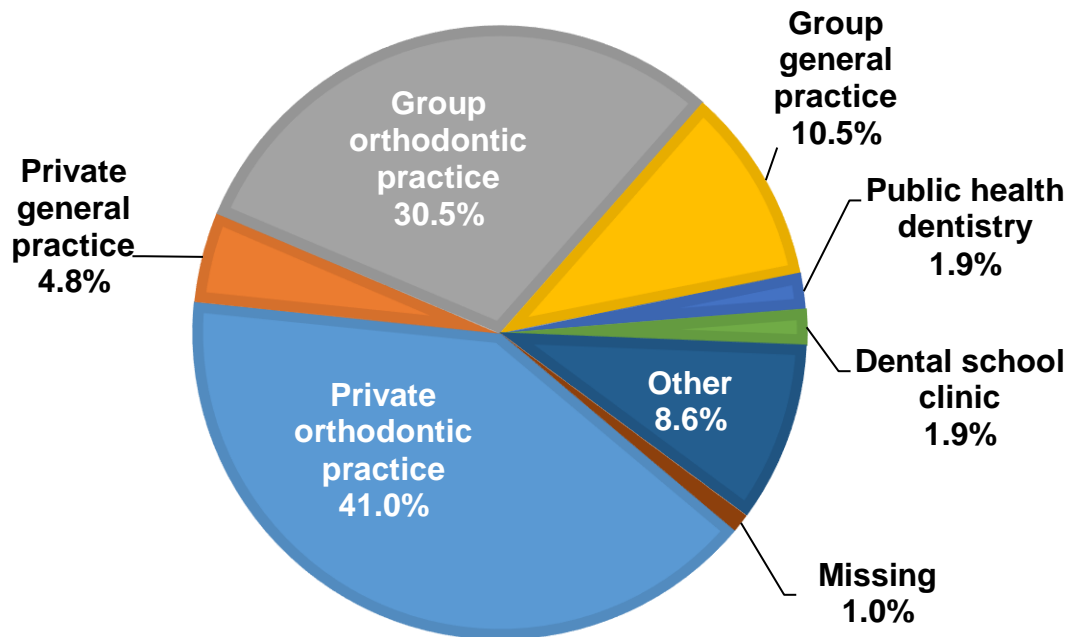


TABLE 6 – OTHER ORTHODONTIC ASSISTANTS IN PRIMARY WORK SETTING

OTHER ORTHODONTIC ASSISTANTS	NUMBER (N)	PERCENT*
0	28	26.7
1	16	15.2
2–3	33	31.4
4–5	18	17.1
More than 5	10	9.5
Total	105	100

*NOTE: Percentages do not add to 100 due to rounding.

FIGURE 6 – OTHER ORTHODONTIC ASSISTANTS IN PRIMARY WORK SETTING

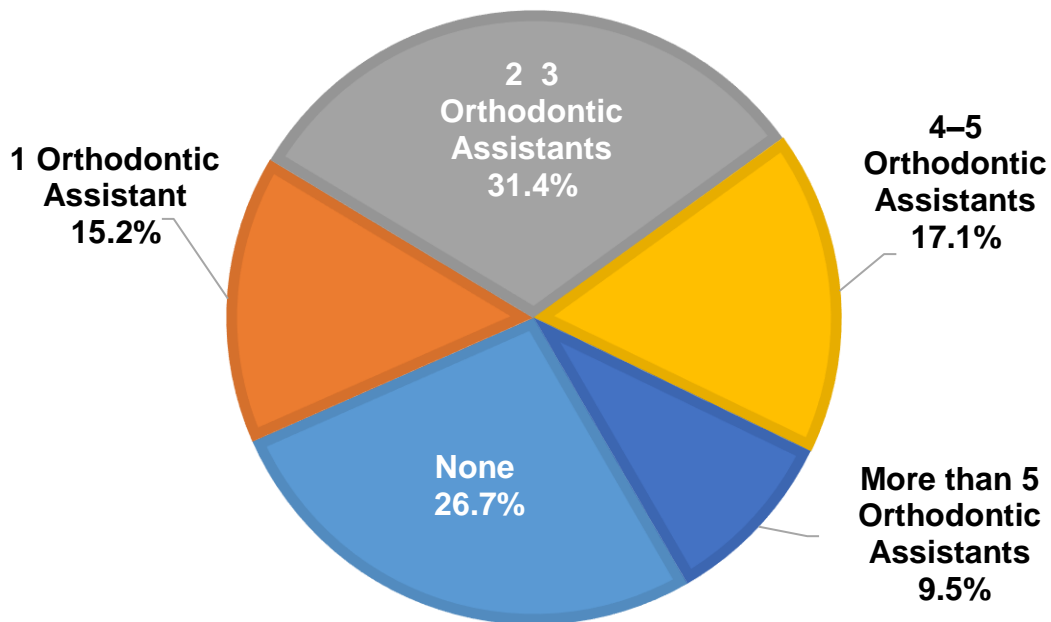


TABLE 7 – LICENSED RDAs AND RDAEFs IN PRIMARY WORK SETTING

RDAs/RDAEFs	NUMBER (N)	PERCENT
0	21	20.0
1	22	21.0
2-3	38	36.2
4-5	14	13.3
More than 5	10	9.5
Total	105	100

FIGURE 7 – LICENSED RDAs AND RDAEFs IN PRIMARY WORK SETTING

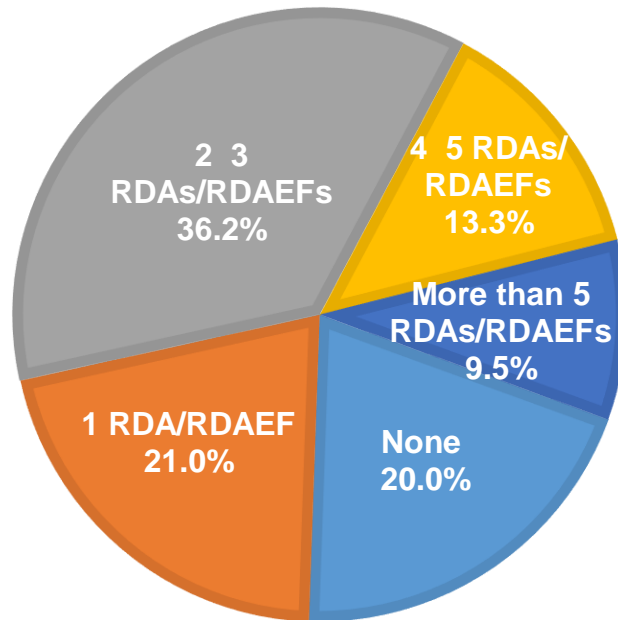


TABLE 8 – UNLICENSED DENTAL ASSISTANTS IN PRIMARY WORK SETTING

DENTAL ASSISTANTS	NUMBER (N)	PERCENT
0	60	57.1
1	17	16.2
2-3	19	18.1
4-5	3	2.9
More than 5	6	5.7
Total	105	100

FIGURE 8 – UNLICENSED DENTAL ASSISTANTS IN PRIMARY WORK SETTING

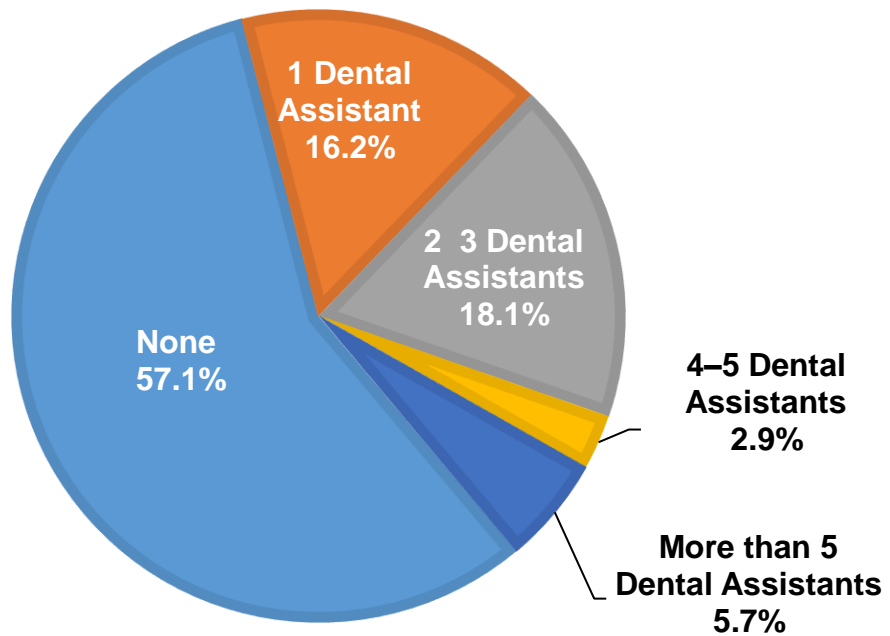


TABLE 9 – PROCEDURES PERFORMED IN PRIMARY WORK SETTING*

PROCEDURES	NUMBER (N)	PERCENT**
Not applicable	11	10.5
3D model scanning	67	63.8
Cone-beam computed tomography	20	19.0
Invisalign delivery	79	75.2
Fabrication of fixed appliances	45	42.9
Fabrication of removable appliances	57	54.3
Other	9	8.6

*NOTE: Respondents were asked to select all that apply.

**NOTE: Percentages indicate the proportion in the sample of respondents.

FIGURE 9 – PROCEDURES PERFORMED IN PRIMARY WORK SETTING

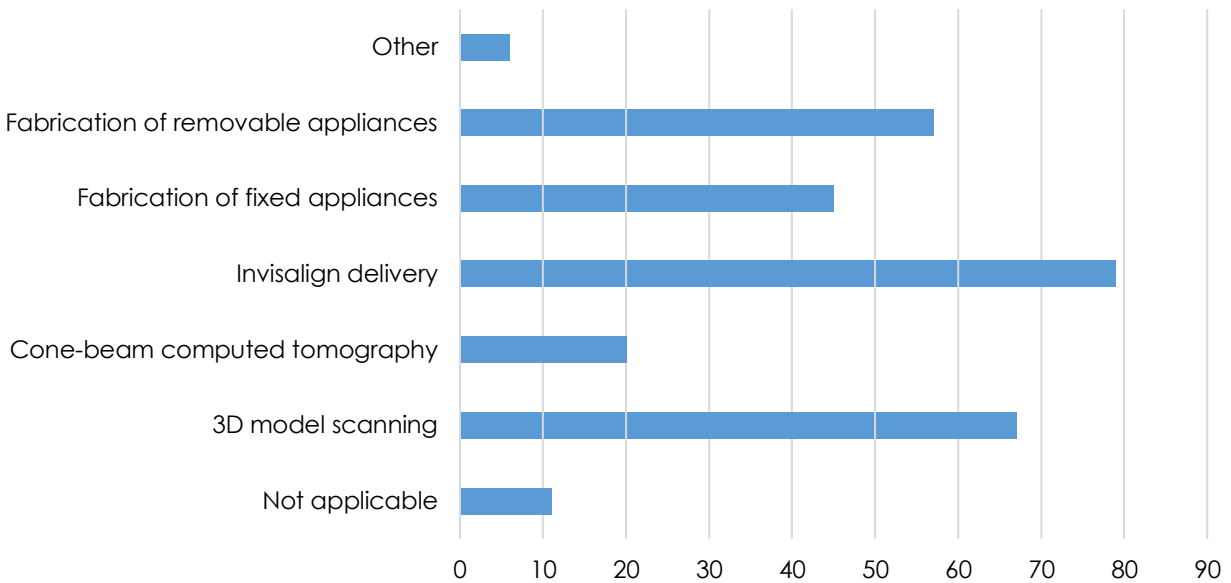


TABLE 10 – RESPONDENTS BY REGION*

REGION NAME	NUMBER (N)	PERCENT**
Los Angeles County and Vicinity	26	24.8
San Francisco Bay Area	17	16.2
San Joaquin Valley	15	14.3
Sacramento Valley	13	12.4
San Diego County and Vicinity	8	7.6
Riverside and Vicinity	9	8.6
Sierra Mountain Valley	9	8.6
North Coast	3	2.9
South Coast and Central Coast	5	4.8
Total	105	100

*NOTE: Appendix A shows a more detailed breakdown of the frequencies by region.

**NOTE: Percentages do not add to 100 due to rounding.

CHAPTER 4 | DATA ANALYSIS AND RESULTS

RELIABILITY OF RATINGS

OPES evaluated the task ratings obtained by the questionnaire with a standard index of reliability, coefficient alpha (α), that ranges from 0 to 1. Coefficient alpha is an estimate of the internal consistency of the respondents' ratings of the task statements. A higher coefficient value indicates more consistency between respondent ratings. Coefficients were calculated for all respondent ratings.

Table 11 displays the reliability coefficients for the task statement rating scale in each content area. The overall ratings of task frequency and task importance across content areas were highly reliable (Frequency $\alpha = .889$; Importance $\alpha = .920$). These results indicate that the responding orthodontic assistants rated the task and knowledge statements consistently throughout the questionnaire.

TABLE 11 – TASK SCALE RELIABILITY

CONTENT AREA	NUMBER OF TASKS	α FREQUENCY	α IMPORTANCE
1. Patient Information and Diagnostic Records	7	.639	.739
2. Orthodontic Procedures	17	.875	.895
3. Infection Control and Health and Safety	9	.810	.862
4. Laws and Regulations	6	.771	.775
Overall	39	.889	.920

TASK CRITICALITY INDICES

To calculate the criticality indices of the task statements, OPES test specialists used the following formula. For each respondent, OPES first multiplied the frequency rating (F_i) and the importance rating (I_i) for each task. Next, OPES averaged the multiplication products across respondents as shown below.

$$\text{Task criticality index} = \text{mean} [(F_i) \times (I_i)]$$

The task statements were sorted in descending order by their criticality index and by content area. The task statements, their mean frequency and importance ratings, and their associated criticality indices are presented in Appendix B.

OPES convened a workshop consisting of four orthodontic assistant SMEs in January 2021. The purpose of this workshop was to identify the essential tasks and knowledge required for

safe and effective orthodontic assistant practice. The SMEs reviewed the mean frequency and importance ratings for each task and its criticality index. Based on the SMEs' opinion of the relative importance of tasks to orthodontic assistant practice, the SMEs determined that no cutoff value should be established, and no items were excluded for this reason.

However, after further reviewing the tasks and knowledge statements, the SMEs determined that task 7 in content area "Patient Information and Diagnostic Records" should be removed from the examination outline because it will increasingly become an outdated method as a result of technology. In addition, the SMEs reached consensus and made minor grammatical changes to tasks 3 and 5 in the content area "Patient Information and Diagnostic Records." The SMEs also changed the word "bracket" to "wire" in task 15 within the content area "Orthodontic Procedures" for increased accuracy. The SMEs further determined that tasks 16 and 17 within the content area "Orthodontic Procedures" should be combined; the separate task 17 was therefore eliminated.

KNOWLEDGE STATEMENTS

The SMEs who participated in the January 2021 workshop also reviewed the list of knowledge statements that was developed during the initial OA workshops to verify that all knowledge statements were critical for safe and effective entry level performance as an orthodontic assistant in California.

The SMEs made minor grammatical changes to knowledge statement 4. The SMEs determined that knowledge statements 24 and 25 were linked with task 7, which was excluded from the content area "Patient Information and Diagnostic Records." Therefore, knowledge statements 24 and 25 were also eliminated. In addition, the SMEs determined that knowledge statement 23 in the content area "Patient Information and Diagnostic Records" was not critical relative to task 6, as this item of knowledge typically pertains to knowledge required in the lab. Therefore, knowledge statement 23 was also excluded. Because tasks 16 and 17 were combined, the six knowledge statements linked to these tasks were combined into three. Knowledge statements 57–59 linked with task statement 16, and knowledge statements 60–62 linked with task statement 17. These knowledge statements were combined, resulting in the elimination of separate knowledge statements 60–62. The SMEs also determined that a new knowledge statement should be added that addresses the factors that impact adhesion of orthodontic components. They further determined that this knowledge statement should be linked to tasks 11 and 12.

TASK-KNOWLEDGE LINKAGE

The SMEs who participated in the January 2021 workshop then confirmed the final linkage of tasks and knowledge statements. The SMEs worked individually to verify that the remaining knowledge statements linked to each task were critical to effective performance of that task.

Once the task and knowledge statements were finalized, their numbers were updated for clarity.

CHAPTER 5 | EXAMINATION OUTLINE

CONTENT AREAS AND WEIGHTS

The SMEs in the January 2021 workshop were asked to finalize the weights for content areas that would form the Orthodontic Assistant Examination outline. OPES test specialists presented the SMEs with preliminary weights of the content areas that had been calculated by dividing the sum of the criticality indices for the tasks in each content area by the overall sum of the criticality indices for all tasks, as shown below.

$$\frac{\text{Sum of Criticality Indices for Tasks in Content Area}}{\text{Sum of Criticality Indices for All Tasks}} = \text{Percent Weight of Content Area}$$

The SMEs evaluated the preliminary content area weights in terms of how well they reflected the relative importance of each content area to the entry level orthodontic assistant practice in California. Through discussion, the SMEs determined that adjustments to content area weights were necessary to more accurately reflect the relative importance of each area. The content area weight for content area “Orthodontic Procedures” was increased, while the content area weights for “Patient Information and Diagnostic Records,” “Infection Control and Health and Safety,” and “Laws and Regulations” were decreased. A summary of the preliminary and final content area weights for the Orthodontic Assistant Examination outline is presented in Table 12.

TABLE 12 – CONTENT AREA WEIGHTS

CONTENT AREA	Preliminary Weights	Final Weights
1. Patient Information and Diagnostic Records	14%	10%
2. Orthodontic Procedures	43%	60%
3. Infection Control and Health and Safety	28%	18%
4. Laws and Regulations	15%	12%
Total	100%	100%

The SMEs who participated in the January 2021 workshop then organized the tasks and knowledge statements into subareas within each content area and distributed the content area weight across the subareas. The content areas, subareas, and associated weights were finalized by SMEs in a separate workshop held in March 2021 and form the basis of the examination outline for the Orthodontic Assistant Examination. The Orthodontic Assistant Examination outline is presented in Table 13. Note: Table 13 contains task and knowledge statements as renumbered. Tables 14 and 15 show the renumbering of statements for the final examination outline.

TABLE 13 – ORTHODONTIC ASSISTANT EXAMINATION OUTLINE

1. Patient Information and Diagnostic Records (10%) – This area assesses the candidate’s ability to review information about a patient’s history and oral conditions as they relate to orthodontic treatment. This area also assesses the candidate’s ability to assist with diagnostic records and to chart information related to orthodontic treatment. These activities are performed under the supervision of a dentist or orthodontist.

Section	Tasks	Associated Knowledge Statements
1A. Review Patient Information (6%)	T1. Review information about patient history to identify conditions that may affect orthodontic treatment.	K1. Knowledge of common medical conditions or medications that affect orthodontic treatment. K2. Knowledge of oral conditions that impact orthodontic treatment. K3. Knowledge of methods for collecting information about patient history.
	T2. Review extraoral and intraoral conditions or abnormalities to determine implications for orthodontic treatment.	K4. Knowledge of classifications of occlusion and malocclusion. K5. Knowledge of the relationship between facial or oral abnormalities and orthodontic problems. K6. Knowledge of the effects of diet and personal habits on orthodontic problems. K7. Knowledge of the relationship between speech patterns and orthodontic problems.
	T3. Chart patient information to document orthodontic treatment.	K8. Knowledge of universal numbering and Palmer quadrant notation systems. K9. Knowledge of methods for charting oral conditions and problems. K10. Knowledge of methods for recording medical or dental history for use in treatment.
1B. Assist with Diagnostic Records (4%)	T4. Prepare patient for intraoral and extraoral radiographs or cone-beam computed tomography (CBCT) to assist the dentist in determining the position of teeth and jaw.	K11. Knowledge of types of radiographic imaging. K12. Knowledge of procedures for taking digital or conventional radiographs. K13. Knowledge of methods for patient management and safety during radiograph procedures. K14. Knowledge of factors that impact radiographic imaging and quality.
	T5. Obtain maxillary and mandibular impressions or digital scans to assist in preparing for treatment or appliance.	K15. Knowledge of types of impression instruments and materials. K16. Knowledge of methods for taking impressions and tray placement. K17. Knowledge of factors that impact impression quality. K18. Knowledge of methods for taking digital scans. K19. Knowledge of factors that impact digital scan quality.
	T6. Prepare bite registrations to index maxillary and mandibular arches.	K20. Knowledge of types of materials used in bite registrations. K21. Knowledge of methods for taking bite registrations. K22. Knowledge of techniques for bite registration cleanup and preparation for use.

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2. Orthodontic Procedures (60%) – This area assesses the candidate’s ability to prepare for and to provide orthodontic assistant services. This includes services related to bonding, the placement and removal of orthodontic components, and use of auxiliaries. This area also assesses the candidate’s ability to educate the patient about oral health and orthodontic maintenance. These activities are performed under the supervision of an orthodontist.

Section	Tasks	Associated Knowledge Statements
2A. Treatment Preparation (9%)	T7. Identify types and stages of treatment to prepare for orthodontic procedures.	K23. Knowledge of types and stages of orthodontic treatment. K24. Knowledge of types of tooth movement achieved in orthodontic treatments. K25. Knowledge of processes and limitations involved in tooth movement.
	T8. Prepare instruments to facilitate use in orthodontic treatment.	K26. Knowledge of types of orthodontic instruments and their associated uses. K27. Knowledge of methods for preparing, caring for, and storing orthodontic instruments.
	T9. Select components and materials to be used in orthodontic appliance or auxiliaries.	K28. Knowledge of types of orthodontic components and their functions. K29. Knowledge of types of auxiliaries and their functions. K30. Knowledge of methods for selecting orthodontic components or auxiliaries based on dentist’s instructions. K31. Knowledge of types of bonding materials. K32. Knowledge of methods for selecting bonding materials based on dentist’s instructions.
2B. Orthodontic Bands and Brackets (20%)	T10. Place separators to create space for orthodontic bands.	K33. Knowledge of types of orthodontic separators and their functions. K34. Knowledge of types of instruments used to place orthodontic separators. K35. Knowledge of techniques for placing orthodontic separators. K36. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.
	T11. Place bands to attach orthodontic appliance parts or auxiliaries.	K37. Knowledge of types of orthodontic bands and their functions. K38. Knowledge of methods for fitting orthodontic bands. K39. Knowledge of methods for cementing orthodontic bands. K40. Knowledge of factors that impact adhesion of orthodontic components. K41. Knowledge of methods for removing excess cement from supragingival surfaces. K42. Knowledge of types of instruments used to place orthodontic bands. K36. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.
	T12. Pre-position orthodontic brackets to facilitate movement of teeth to prescribed position.	K43. Knowledge of types of orthodontic brackets and their functions. K44. Knowledge of methods for placing brackets based on dentist’s instructions. K45. Knowledge of methods for bonding orthodontic brackets. K40. Knowledge of factors that impact adhesion of orthodontic components. K46. Knowledge of methods for removing excess bonding material from surfaces of teeth. K47. Knowledge of types of instruments used to place orthodontic brackets. K36. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.

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2. Orthodontic Procedures (60%) (continued) – This area assesses the candidate’s ability to prepare for and to provide orthodontic assistant services. This includes services related to bonding, the placement and removal of orthodontic components, and use of auxiliaries. This area also assesses the candidate’s ability to educate the patient about oral health and orthodontic maintenance. These activities are performed under the supervision of an orthodontist.

Section	Tasks	Associated Knowledge Statements
2C. Orthodontic Arch Wires and Ligatures (20%)	T13. Place arch wires to provide the force in moving teeth to prescribed position.	K48. Knowledge of the types of arch wires and their functions. K49. Knowledge of methods for placing archwires based on dentist’s instructions. K50. Knowledge of methods for terminating archwires. K51. Knowledge of types of instruments used to place orthodontic archwires. K36. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.
	T14. Place ligatures to connect wire to fixed orthodontic appliance.	K52. Knowledge of types of ligatures and their functions. K53. Knowledge of methods for placing ligatures based on dentist’s instructions. K54. Knowledge of types of instruments used to place orthodontic ligatures. K36. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.
2D. Auxiliaries, Appliances, and Post-treatment Procedures. (7%)	T15. Assist in the placement of intraoral or extraoral auxiliaries to increase effectiveness of braces.	K55. Knowledge of types of intraoral and extraoral auxiliaries and their functions. K56. Knowledge of methods for placing or fitting intraoral and extraoral auxiliaries based on dentist’s instructions. K57. Knowledge of types of instruments used to place intraoral and auxiliaries. K58. Knowledge of factors that impact the efficacy of intraoral and extraoral auxiliaries.
	T16. Remove orthodontic components to prepare for next treatment, phase, or completion.	K59. Knowledge of methods for removing orthodontic appliance components. K60. Knowledge of methods for removing orthodontic cement or bonding agents. K61. Knowledge of instruments used in the removal of orthodontic appliance components.
	T17. Check fixed or removable appliances to verify fit or retention.	K62. Knowledge of types of fixed or removable appliances and their functions. K63. Knowledge of methods for verifying fixed and removable appliances fit or retention.
	T18. Assist with post-treatment procedures to finalize or fine-tune orthodontic outcomes.	K64. Knowledge of types of post-treatment procedures and their functions. K65. Knowledge of types of instruments used in performing post-treatment procedures.

2. Orthodontic Procedures (60%) (continued) – This area assesses the candidate’s ability to prepare for and to provide orthodontic assistant services. This includes services related to bonding, the placement and removal of orthodontic components, and use of auxiliaries. This area also assesses the candidate’s ability to educate the patient about oral health and orthodontic maintenance. These activities are performed under the supervision of an orthodontist.

Section	Tasks	Associated Knowledge Statements
2E. Patient Education (4%)	T19. Educate patients about pre- and post-treatment instructions to promote compliance.	K66. Knowledge of symptoms patients may encounter following orthodontic treatment. K67. Knowledge of techniques for pain management following orthodontic treatment. K68. Knowledge of methods for educating patients about pre- and post-treatment instructions.
	T20. Educate patients about orthodontic hygiene and care to maintain oral health or prevent damage.	K69. Knowledge of the effects of poor hygiene and care related to orthodontics. K70. Knowledge of methods for educating patients about oral hygiene related to orthodontics.
	T21. Educate patients about appliance care to prevent damage.	K71. Knowledge of the effects of improper handling on orthodontic appliances. K72. Knowledge of methods for educating patients about orthodontic appliance care.
	T22. Educate patients about dietary recommendations to prevent damage to teeth or appliances.	K73. Knowledge of the effects of foods and beverages on orthodontic appliances and teeth. K74. Knowledge of methods for educating patients about dietary recommendations during orthodontic treatment.

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3. Infection Control and Health and Safety (18%) – This area assesses the candidate’s ability to maintain a safe and sanitary work environment and to adhere to infection control protocols and standard precautions.

Section	Tasks	Associated Knowledge Statements
3A. Patient Safety and Prevention of Disease Transmission (9%)	T23. Provide patient with safety precautions to enhance protection during orthodontic treatment.	K75. Knowledge of methods for using safety precautions with patients. K76. Knowledge of types of safety equipment for protecting patients. K77. Knowledge of techniques for protecting patients during diagnostic tests and imaging.
	T24. Implement barrier, evacuation, and rinse techniques to prevent the spread of disease through aerosol, droplets, and splatter.	K78. Knowledge of equipment for providing protective barriers and evacuation. K79. Knowledge of techniques for using barriers, evacuation, and rinses. K80. Knowledge of types of infectious diseases and their modes of transmission.
	T25. Sanitize hands according to protocols to prevent the transmission of diseases.	K81. Knowledge of techniques for sanitizing hands during orthodontic treatments. K80. Knowledge of types of infectious diseases and their modes of transmission.
	T26. Wear personal protective equipment to prevent contamination.	K82. Knowledge of techniques for using personal protective equipment. K80. Knowledge of types of infectious diseases and their modes of transmission.
	T27. Adhere to infectious disease prevention protocols to reduce risk of disease transmission.	K83. Knowledge of techniques for preventing the spread of infectious diseases. K80. Knowledge of types of infectious diseases and their modes of transmission.
	T28. Identify signs of medical emergencies to address situations that require immediate intervention.	K84. Knowledge of signs of allergic reaction or anaphylactic shock. K85. Knowledge of signs of medical crisis or emergency. K86. Knowledge of methods for obtaining emergency medical assistance. K87. Knowledge of methods for administering emergency first aid and CPR.
3B. Equipment Disinfection and Cross-Contamination Prevention (9%)	T29. Disinfect treatment area and equipment to prepare for or complete orthodontic treatment.	K88. Knowledge of methods for disinfecting treatment areas and equipment. K89. Knowledge of barrier techniques for protecting treatment areas and equipment. K90. Knowledge of methods for monitoring dental waterlines and water quality. K91. Knowledge of methods for disinfecting evacuation lines.
	T30. Sterilize orthodontic instruments to prevent patient-to-patient disease transmission.	K92. Knowledge of types of sterilization processes. K93. Knowledge of methods for sterilizing instruments. K94. Knowledge of techniques for storing instruments before and after use.
	T31. Adhere to disposal safety protocols to discard contaminated materials or sharps.	K95. Knowledge of techniques for the safe disposal of contaminated materials. K96. Knowledge of techniques for the safe disposal of sharps.

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4. Laws and Regulations (12%) – This area assesses the candidate’s knowledge of laws and regulations regarding permit requirements, scope of practice, professional conduct, and professional responsibilities.

Section	Tasks	Associated Knowledge Statements
T32.	Comply with laws about consent to respect patients’ right to make informed treatment decisions.	K97. Knowledge of laws regarding patient consent.
T33.	Comply with Health Insurance Portability and Accountability Act (HIPAA) regulations to provide services that protects patients’ private health information.	K98. Knowledge of laws related to the Health Insurance Portability and Accountability Act (HIPAA).
T34.	Report instances of suspected abuse, neglect, and exploitation to protect vulnerable populations.	K99. Knowledge of signs of child abuse or neglect. K100. Knowledge of signs of dependent adult abuse, neglect, or exploitation. K101. Knowledge of signs of elder adult abuse, neglect, or exploitation. K102. Knowledge of methods for reporting child, elder, or dependent adult abuse.
T35.	Comply with laws about record-keeping to document, store, and dispose of patient charts or records.	K103. Knowledge of legal standards for patient record-keeping and documentation. K104. Knowledge of laws regarding the storage and disposal of patient charts or records.
T36.	Comply with laws about professional conduct to maintain professional integrity.	K105. Knowledge of laws regarding professional conduct.
T37.	Comply with laws about scope of practice to maintain professional boundaries.	K106. Knowledge of laws regarding scope of practice.

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TABLE 14 – RENUMBERING OF TASK STATEMENTS

Original Task Number in California Orthodontic Assistant Occupational Analysis Survey	New Task Number in California Orthodontic Assistant Examination Outline
8	7
9	8
10	9
11	10
12	11
13	12
14	13
15	14
16	15
17	15
18	16
19	17
20	18
21	19
22	20
23	21
24	22
25	23
26	24
27	25
28	26
29	27
30	28
31	29
32	30
33	31
34	32
35	33
36	34
37	35
38	36
39	37

TABLE 15 – RENUMBERING OF KNOWLEDGE STATEMENTS

Original Knowledge Statement Number in California Orthodontic Assistant Occupational Analysis Survey	New Knowledge Statement Number in California Orthodontic Assistant Examination Outline
26	23
27	24
28	25
29	26
30	27
31	28
32	29
33	30
34	31
35	32
36	33
37	34
38	35
39	36
40	37
41	38
42	39
43	41
44	42
45	43
46	44
47	45
48	46
49	47
50	48
51	49
52	50
53	51
54	52
55	53
56	54
57	55
58	56

Original Knowledge Statement Number in California Orthodontic Assistant Occupational Analysis Survey	New Knowledge Statement Number in California Orthodontic Assistant Examination Outline
59	57
60	55
61	56
62	58
63	59
64	60
65	61
66	62
67	63
68	64
69	65
70	66
71	67
72	68
73	69
74	70
75	71
76	72
77	73
78	74
79	75
80	76
81	77
82	78
83	79
84	80
85	81
86	82
87	83
88	84
89	85
90	86
91	87
92	88

Original Knowledge Statement Number in California Orthodontic Assistant Occupational Analysis Survey	New Knowledge Statement Number in California Orthodontic Assistant Examination Outline
93	89
94	90
95	91
96	92
97	93
98	94
99	95
100	96
101	97
102	98
103	99
104	100
105	101
106	102
107	103
108	104
109	105
110	106
New Knowledge	40

CHAPTER 6 | CONCLUSION

The OA of the orthodontic assistant profession described in this report provides a comprehensive description of current practice in California. The procedures employed to perform the OA were based upon a content validation strategy to ensure that the results accurately represent orthodontic assistant practice. Results of this OA provide information regarding current practice that can be used to make job-related decisions regarding occupational permitting, certification, or licensure.

By using the California Orthodontic Assistant Examination outline contained in this report, the Board ensures that its examination program reflects current practice and complies with B&P Code § 139.

This report provides all documentation necessary to verify that the analysis has been completed in accordance with legal, professional, and technical standards.

APPENDIX A | RESPONDENTS BY REGION

LOS ANGELES COUNTY AND VICINITY

County of Practice	Frequency
Los Angeles	19
Orange	7
TOTAL	26

NORTH COAST

County of Practice	Frequency
Del Norte	0
Humboldt	0
Mendocino	1
Sonoma	2
TOTAL	3

RIVERSIDE AND VICINITY

County of Practice	Frequency
Riverside	4
San Bernardino	5
TOTAL	9

SACRAMENTO VALLEY

County of Practice	Frequency
Butte	0
Colusa	0
Glenn	0
Lake	0
Sacramento	11
Sutter	0
Yolo	2
Yuba	0
TOTAL	13

SAN DIEGO COUNTY AND VICINITY

County of Practice	Frequency
Imperial	0
San Diego	8
TOTAL	8

SAN FRANCISCO BAY AREA

County of Practice	Frequency
Alameda	6
Contra Costa	1
Marin	1
Napa	0
San Francisco	2
San Mateo	1
Santa Clara	6
Santa Cruz	0
Solano	0
TOTAL	17

SAN JOAQUIN VALLEY

County of Practice	Frequency
Fresno	4
Kern	2
Kings	0
Madera	1
Merced	1
San Joaquin	4
Stanislaus	3
Tulare	0
TOTAL	15

SHASTA-CASCADE

County of Practice	Frequency
Lassen	0
Plumas	0
Shasta	0
Siskiyou	0
Tehama	0
Trinity	0
TOTAL	0

SIERRA MOUNTAIN VALLEY

County of Practice	Frequency
Alpine	0
Amador	0
Calaveras	1
El Dorado	1
Inyo	0
Mariposa	0
Nevada	1
Placer	5
Sierra	0
Tuolumne	1
TOTAL	9

SOUTH COAST AND CENTRAL COAST

County of Practice	Frequency
Monterey	1
San Benito	0
San Luis Obispo	1
Santa Barbara	1
Ventura	2
TOTAL	5

APPENDIX B | CRITICALITY INDICES FOR ALL TASKS BY CONTENT AREA

Content Area 1: Patient Information and Diagnostic Records

Task Number	Task Statement	Mean Importance	Mean Frequency	Task Criticality Index
T5.*	Obtain maxillary and mandibular impressions or digital scans to assist in preparing for treatment or appliance orthodontic studies or working models.	4.27	4.31	19.22
T3.*	Chart evaluation patient information to document findings related to orthodontic treatment.	3.75	4.12	16.66
T1.	Review patient history to identify conditions that may affect orthodontic treatment.	3.65	3.94	16.13
T4.	Prepare patient for intraoral and extraoral radiographs or cone-beam computed tomography (CBCT) to assist the dentist in determining the position of teeth and jaw.	3.44	3.78	15.24
T2.	Review extraoral and intraoral conditions or abnormalities to determine implications for orthodontic treatment.	3.30	3.73	13.87
T6.	Prepare bite registrations to index maxillary and mandibular arches.	3.33	3.64	13.78
T7**.	Prepare models to mount on articulator for orthodontic diagnostic studies.	1.63	2.42	6.35

*NOTE: Tasks 5 and 3 were modified as shown by the SMEs in the January 2021 workshop.

**NOTE: Shaded task was excluded from the examination because it will become an outdated method due to technology.

Content Area 2: Orthodontic Procedures

Task Number	Task Statement	Mean Importance	Mean Frequency	Task Criticality Index
T14.	Place archwires to provide the force in moving teeth to prescribed position.	4.81	4.72	22.95
T22.	Educate patients about orthodontic hygiene and care to maintain oral health or prevent damage.	4.73	4.71	22.44
T21.	Educate patients about pre- and post-treatment instructions to promote compliance.	4.68	4.69	22.07
T23.	Educate patients about appliance care to prevent damage.	4.64	4.61	21.70
T24.	Educate patients about dietary recommendations to prevent damage.	4.62	4.56	21.42
T9.	Prepare instruments to facilitate use in orthodontic treatment.	4.67	4.53	21.39
T15.*	Place ligatures to connect brackets wire in fixed orthodontic appliance.	4.59	4.51	20.95
T16.**	Assist in the placement of intraoral or extraoral auxiliaries to increase effectiveness of braces.	4.26	4.36	18.91
T20.	Assist with post-treatment procedures to finalize orthodontic outcomes.	4.18	4.36	18.58
T18.	Remove orthodontic components to prepare for next treatment, phase, or completion.	4.14	4.40	18.49
T10.	Select components and materials to be used in orthodontic appliance or auxiliaries.	4.14	4.31	18.43
T19.	Check fixed or removable appliances to verify fit or retention.	3.99	4.28	17.78

*NOTE: Task 15 was modified as shown by the SMEs in the January 2021 workshop.

**NOTE: Tasks 16 and 17 were combined by the SMEs, resulting in the indicated addition to task 16.

T13.	Pre-position orthodontic brackets to facilitate movement of teeth to prescribed position.	3.78	4.26	17.02
T11.	Place separators to create space for orthodontic bands.	3.93	3.95	16.84
T12.	Place bands to attach orthodontic appliance parts or auxiliaries.	3.58	4.06	16.03
T8.	Identify types and stages of treatment to prepare for orthodontic procedures.	3.61	4.00	15.49
T17.*	Assist in the placement of extraoral auxiliaries to increase effectiveness of braces.	3.32	3.70	14.49

*NOTE: Shaded task was combined with task 16, resulting in its elimination.

Content Area 3: Infection Control and Health and Safety

Task Number	Task Statement	Mean Importance	Mean Frequency	Task Criticality Index
T31.	Disinfect treatment area and equipment to prepare for or complete orthodontic treatment.	4.91	4.95	24.37
T29.	Adhere to infectious disease prevention protocols to reduce risk of disease transmission.	4.90	4.95	24.33
T27.	Sanitize hands according to protocols to prevent the transmission of diseases.	4.92	4.91	24.29
T32.	Sterilize orthodontic instruments to prevent patient-to-patient disease transmission.	4.89	4.97	24.27
T28.	Wear personal protective equipment to prevent contamination.	4.89	4.95	24.26
T26.	Implement barrier, evacuation, and rinse techniques to prevent the spread of disease through aerosol, droplets, and splatter.	4.79	4.85	23.42
T33.	Adhere to disposal safety protocols to discard contaminated materials or sharps.	4.74	4.90	23.21
T25.	Provide patient with safety precautions to enhance protection during orthodontic treatment.	4.61	4.53	21.30
T30.	Identify signs of medical emergencies to address situations that require immediate intervention.	3.84	4.59	18.13

Content Area 4: Laws and Regulations

Task Number	Task Statement	Mean Importance	Mean Frequency	Task Criticality Index
T38.	Comply with laws about professional conduct to maintain professional integrity.	4.59	4.73	22.04
T39.	Comply with laws about scope of practice to maintain professional boundaries.	4.46	4.73	21.47
T35.	Comply with Health Insurance Portability and Accountability Act (HIPAA) regulations to provide services that protects patients' private health information.	4.28	4.64	20.64
T34.	Comply with laws about consent to respect patients' right to make informed treatment decisions.	4.19	4.50	19.68
T37.	Comply with laws about recordkeeping to document, store, and dispose of patient charts or records.	4.10	4.66	19.68
T36.	Report instances of suspected abuse, neglect, and exploitation to protect vulnerable populations.	2.18	4.54	10.06

APPENDIX C | KNOWLEDGE STATEMENTS

Content Area 1: Patient Information and Diagnostic Records

Knowledge Number	Knowledge Statement	Importance
K8.	Knowledge of universal numbering and Palmer quadrant notation systems.	3.4257
K14.	Knowledge of factors that impact radiographic imaging and quality.	3.3762
K13.	Knowledge of methods for patient management during radiograph procedures.	3.3663
K16.	Knowledge of methods for taking impressions and tray placement.	3.3366
K12.	Knowledge of procedures for taking digital or conventional radiographs.	3.3267
K11.	Knowledge of types of radiographic imaging.	3.3069
K17.	Knowledge of factors that impact impression quality.	3.3069
K4.*	Knowledge of methods for classifying classifications of occlusion and malocclusion.	3.2772
K15.	Knowledge of types of impression instruments and materials.	3.2277
K2.	Knowledge of oral conditions that impact orthodontic treatment.	3.2079
K6.	Knowledge of the effects of diet and personal habits on orthodontic conditions.	3.1980
K9.	Knowledge of methods for charting oral conditions and problems.	3.1881
K10.	Knowledge of methods for recording medical or dental history.	3.1584
K5.	Knowledge of the relationship between facial or oral abnormalities and orthodontic conditions.	3.0891
K3.	Knowledge of methods for collecting information about patient history.	3.0297
K19.	Knowledge of factors that impact digital scan quality.	3.0099

*NOTE: Knowledge statement 4 was modified as shown by the SMEs in the January 2021 workshop.

Content Area 1: Patient Information and Diagnostic Records (Continued)

Knowledge Number	Knowledge Statement	Importance
K18.	Knowledge of methods for taking digital scans.	2.9901
K1.	Knowledge of common medical conditions or medications that affect orthodontic treatment.	2.9802
K24.*	Knowledge of techniques and materials used in pouring orthodontic models.	2.9109
K7.	Knowledge of the relationship between speech patterns and orthodontic conditions.	2.8614
K21.	Knowledge of methods for taking bite registrations.	2.6436
K20.	Knowledge of types of materials used in bite registrations.	2.5446
K22.	Knowledge of techniques for bite registration cleanup and preparation for use.	2.5446
K25.*	Knowledge of methods for separating, trimming, and finishing orthodontic models.	2.5347
K23.**	Knowledge of types of orthodontic models.	2.5149

*NOTE: The SMEs eliminated knowledge statements 24 and 25 because they were linked to task 7, which was excluded from the examination outline.

**NOTE: Knowledge statement 23 was eliminated by the SMEs because it was not critical to task 6.

Content Area 2: Orthodontic Procedures

Knowledge Number	Knowledge Statement	Importance
K73.	Knowledge of the effects of poor hygiene and care related to orthodontics.	4.6122
K74.	Knowledge of methods for educating patients about oral hygiene related to orthodontics.	4.5918
K77.	Knowledge of the effects of foods and beverages on orthodontic appliances and teeth.	4.4490
K76.	Knowledge of methods for educating patients about orthodontic appliance care.	4.4388
K75.	Knowledge of the effects of improper handling on orthodontic appliances.	4.4286
K72.	Knowledge of methods for educating patients about pre- and post-treatment instructions.	4.3878
K78.	Knowledge of methods for educating patients about dietary recommendations during orthodontic treatment.	4.3878
K70.	Knowledge of symptoms patients may encounter following orthodontic treatment.	4.2857
K71.	Knowledge of techniques for pain management following orthodontic treatment.	4.2245
K51.	Knowledge of methods for placing archwires based on dentist's instructions.	3.5612
K50.	Knowledge of the types of archwires and their functions.	3.4694
K29.	Knowledge of types of orthodontic instruments and their associated uses.	3.4490
K55.	Knowledge of methods for placing ligatures based on dentist's instructions.	3.4184
K33.	Knowledge of methods for selecting orthodontic components or auxiliaries based on dentist's instructions.	3.4082
K30.	Knowledge of methods for preparing, caring for, and storing orthodontic instruments.	3.3980
K31.	Knowledge of types of orthodontic components and their functions.	3.3878
K32.	Knowledge of types of auxiliaries and their functions.	3.3776

Content Area 2: Orthodontic Procedures (Continued)

Knowledge Number	Knowledge Statement	Importance
K47.	Knowledge of methods for bonding orthodontic brackets.	3.3776
K34.	Knowledge of types of bonding materials.	3.3673
K35.	Knowledge of methods for selecting bonding materials based on dentist's instructions.	3.3673
K53.	Knowledge of types of instruments used to place orthodontic archwires.	3.3673
K65.	Knowledge of instruments used in the removal of orthodontic appliance components.	3.3673
K66.	Knowledge of types of fixed or removable appliances and their functions.	3.3571
K54.	Knowledge of types of ligatures and their functions.	3.3469
K67.	Knowledge of methods for verifying fit or retention of fixed and removable appliances.	3.3469
K39.	Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.	3.3367
K45.	Knowledge of types of orthodontic brackets and their functions.	3.3367
K64.	Knowledge of methods for removing orthodontic cement or bonding agents.	3.3367
K56.	Knowledge of types of instruments used to place orthodontic ligatures.	3.3163
K27.	Knowledge of types of tooth movement achieved in orthodontic treatments.	3.3061
K41.	Knowledge of methods for fitting orthodontic bands.	3.2551
K63.	Knowledge of methods for removing orthodontic appliance components.	3.2551
K46.	Knowledge of methods for placing brackets based on dentist's instructions.	3.2449
K52.	Knowledge of methods for terminating archwires.	3.2449
K58.*	Knowledge of methods for placing or verifying fit of intraoral and extraoral auxiliaries based on dentist's instructions.	3.2449
K42.	Knowledge of methods for cementing orthodontic bands.	3.2347

*NOTE: Knowledge statements 57–59 were combined with knowledge statements 60–62, resulting in the addition of content to knowledge statement 58.

Content Area 2: Orthodontic Procedures (Continued)

Knowledge Number	Knowledge Statement	Importance
K48.	Knowledge of methods for removing excess bonding material from surface of teeth.	3.2347
K49.	Knowledge of types of instruments used to place orthodontic brackets.	3.2347
K68.	Knowledge of types of post-treatment procedures and their functions.	3.2347
K57.*	Knowledge of types of intraoral and extraoral auxiliaries and their functions.	3.2143
K26.	Knowledge of types and stages of orthodontic treatment.	3.2041
K43.	Knowledge of methods for removing excess cement from supragingival surfaces.	3.1735
K28.	Knowledge of processes and limitations involved in tooth movement.	3.1633
K69.	Knowledge of types of instruments used in performing post-treatment procedures.	3.1633
K59.*	Knowledge of types of instruments used to place intraoral or extraoral auxiliaries.	3.1531
K44.	Knowledge of types of instruments used to place orthodontic bands.	3.1327
K40.	Knowledge of types of orthodontic bands and their functions.	3.1122
K38.	Knowledge of techniques for placing orthodontic separators.	3.1020
K60.**	Knowledge of types of extraoral auxiliaries and their functions.	3.0102
K61.**	Knowledge of methods for checking the fit of extraoral auxiliaries based on dentist's instructions.	3.0102
K62.**	Knowledge of factors that impact the efficacy of extraoral auxiliaries.	2.9898
K36.	Knowledge of types of orthodontic separators and their functions.	2.9184
K37.	Knowledge of types of instruments used to place orthodontic separators.	2.8367
NEW	Knowledge of factors that impact adhesion of orthodontic components.	--

*NOTE: Knowledge statements 57–59 were combined with knowledge statements 60–62, resulting in the addition of content to knowledge statements 57 and 59.

**NOTE: Knowledge statements 60–62 were combined with knowledge statements 57–59, resulting in the elimination of knowledge statements 60–62.

Content Area 3: Infection Control and Health and Safety

Knowledge Statement	Knowledge Statement	Importance
K87.	Knowledge of techniques for preventing the spread of infectious diseases.	4.8889
K86.	Knowledge of techniques for using personal protective equipment.	4.8687
K85.	Knowledge of techniques for sanitizing hands during orthodontic treatments.	4.8485
K92.	Knowledge of methods for disinfecting treatment areas and equipment.	4.8283
K93.	Knowledge of barrier techniques for protecting treatment areas and equipment.	4.8283
K82.	Knowledge of equipment for providing protective barriers and evacuation.	4.8081
K97.	Knowledge of methods for sterilizing instruments.	4.7980
K100.	Knowledge of techniques for the safe disposal of sharps.	4.7879
K84.	Knowledge of types of infectious diseases and their modes of transmission.	4.7677
K96.	Knowledge of types of sterilization processes.	4.7677
K91.	Knowledge of methods for administering emergency first aid and CPR.	4.7576
K83.	Knowledge of techniques for using barriers, evacuation, and rinses.	4.7475
K99.	Knowledge of techniques for the safe disposal of contaminated materials.	4.7475
K80.	Knowledge of types of safety equipment for protecting patients.	4.7374
K88.	Knowledge of signs of allergic reaction or anaphylactic shock.	4.7374

Content Area 3: Infection Control and Health and Safety (Continued)

Knowledge Number	Knowledge Statement	Importance
K89.	Knowledge of signs of medical crisis or emergency.	4.7273
K79.	Knowledge of methods for using safety precautions with patients.	4.7172
K90.	Knowledge of methods for obtaining emergency medical assistance.	4.7071
K94.	Knowledge of methods for monitoring dental waterlines and water quality.	4.6970
K98.	Knowledge of techniques for storing instruments before and after use.	4.6869
K95.	Knowledge of methods for disinfecting evacuation lines.	4.6566
K81.	Knowledge of techniques for protecting patients during diagnostic tests and imaging.	4.6364

Content Area 4: Laws and Regulations

Knowledge Number	Knowledge Statement	Importance
K102.	Knowledge of laws related to the Health Insurance Portability and Accountability Act (HIPAA).	4.5200
K109.	Knowledge of laws regarding professional conduct.	4.4600
K110.	Knowledge of laws regarding scope of practice.	4.4600
K103.	Knowledge of signs of child abuse or neglect.	4.4500
K107.	Knowledge of laws for patient recordkeeping and documentation.	4.4300
K101.	Knowledge of laws regarding patient consent.	4.3800
K104.	Knowledge of signs of dependent adult abuse, neglect, or exploitation.	4.3800
K105.	Knowledge of signs of elder adult abuse, neglect, or exploitation.	4.3500
K106.	Knowledge of methods for reporting child, elder, or dependent adult abuse.	4.3100
K108.	Knowledge of laws regarding the storage and disposal of patient charts or records.	4.1800

APPENDIX D | EMAIL INVITATION TO PRACTITIONERS

ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Dear Orthodontic Assistant:

The Dental Board of California (Board) is currently conducting an occupational analysis (OA) of the orthodontic assistant profession. We invite you to take an online OA survey to gather essential information on the important tasks that are currently performed by practicing orthodontic assistants and the knowledge required to perform those tasks.

We will use this information to identify changes in the profession, develop an up-to-date description of orthodontic assistant practice, and ensure that orthodontic assistant permit examinations reflect current practice in California.

The Board understands that your time is valuable. However, your participation is essential to the success of this project and we appreciate your assistance.

For your convenience, you do not have to complete the survey in a single session. You can pick up where you left off as long as you reopen the survey from the same computer and use the same web browser. Before you exit, complete the page that you are on. The program will save responses only on completed pages. The web link is available 24 hours a day, 7 days a week.

Your responses will be kept confidential. They will not be tied to your license or personal information. Individual responses will be combined with responses of other orthodontic assistants and only group data will be analyzed.

If you wish to participate, please complete the questionnaire by December 14, 2020.

If you have any questions or need assistance, please contact [REDACTED].

Thank you for your participation!

[Begin Survey](#)

Please do not forward this email as its survey link is unique to you.
[Privacy](#) | [Unsubscribe](#)

APPENDIX E | QUESTIONNAIRE



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020

Cover Letter



BUSINESS, CONSUMER SERVICES AND HOUSING AGENCY · GAVIN NEWSOM, GOVERNOR

DENTAL BOARD OF CALIFORNIA

2005 Evergreen St., Suite 1550, Sacramento, CA 95815

P (916) 263-2300 | F (916) 263-2140 | www.dbc.ca.gov



November 16, 2020

Dear Orthodontic Assistant:

The Dental Board of California (Board) is conducting an occupational analysis of the orthodontic assistant profession. An occupational analysis is a comprehensive study that will provide the board with important information about the profession.

The occupational analysis uses a survey questionnaire to gather information about the tasks that are currently performed in practice. The results of the study will be used to develop a description of practice and will form the basis for developing the orthodontic assistant permit examination.

The Board understands that your time is valuable. However, your input is greatly appreciated in this vital process. The occupational analysis survey is available online and can be filled out at your convenience any time prior to the deadline below.

The survey does not have to be completed in a single session. You can exit the survey at any time and return to it later without losing your responses, as long as you are accessing the survey from the same computer. The survey will save fully completed pages; responses to items on partially completed pages will not be saved.

Your responses to this questionnaire will be combined with the responses of other orthodontic assistants to determine the tasks and knowledge needed for practice. Your individual responses will be kept confidential.

Please complete the survey by **December 14, 2020** in order for your data to be included in the study.

Please contact [REDACTED] at [REDACTED]@dca.ca.gov if you have questions about this process.

Thank you for your participation.

Respectfully,

Karen M. Fischer, MPA
Executive Officer



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part I - Personal Data

Complete this survey only if you currently hold a permit and are working as an orthodontic assistant in California.

The DBC recognizes that every orthodontic assistant may not perform all of the tasks and use all of the knowledge contained in this survey. However, your participation is essential to the success of this study, and your contributions will help establish standards for safe and effective orthodontic assistant practice in the State of California.

The information you provide here is voluntary and confidential. It will be treated as personal information subject to the Information Practices Act (Civil Code section 1798 et seq.) and will be used only for the purpose of analyzing the data from this survey to generate a demographic profile of orthodontic assistants practicing in California.

*** 1. Are you currently working as a licensed orthodontic assistant in California?**

- Yes
 No



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part I - Personal Data

2. How long have you held an Orthodontic Assistant Permit in California?

- Less than 12 months
- 1 to 5 years
- 6 to 10 years
- 11 to 15 years
- 16 to 20 years
- More than 20 years

3. What pathway did you follow to qualify for the Orthodontic Assistant Permit in California?

- 12 months or longer as a dental assistant
- Registered dental assistant (RDA) with qualifying experience
- Other (please specify)

4. Which of the following licenses or certificates do you possess in addition to your Orthodontic Assistant Permit? (Select all that apply)

- Not applicable (N/A)
- Registered Dental Assistant (RDA) License
- Registered Dental Assistant in Extended Functions (RDAEF) License
- X-ray certification
- Dental Sedation Assistant Permit
- Coronal Polishing certification
- Other (please specify)

4

5. What is the location of your primary work setting?

- Urban (more than 50,000 people)
- Rural (fewer than 50,000 people)

6. How would you describe your primary work setting?

- Private orthodontic practice with one orthodontist
- Private general dental practice with one dentist
- Group orthodontic practice with two or more orthodontists
- Group general dental practice with two or more dentists
- Public health dentistry
- Dental school clinic
- Military
- Other (please specify)



**ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020**

Part I - Personal Data

7. How many other licensed orthodontic assistant permit holders work in your primary work setting (not including yourself)?

- 0
- 1
- 2 to 3
- 4 to 5
- More than 5

8. How many licensed RDAs or RDAEFs who do NOT hold an Orthodontic Assistant Permit work in your primary work setting?

- 0
- 1
- 2 to 3
- 4 to 5
- More than 5

9. How many unlicensed dental assistants work in your primary work setting?

- 0
- 1
- 2 to 3
- 4 to 5
- More than 5

10. Which of the following procedures are performed with your assistance in your primary work setting? (Select all that apply.)

- Not applicable (N/A)
- 3D model scanning
- Cone-beam computed tomography (CBCT)
- Invisalign delivery
- Fabrication of fixed appliances
- Fabrication of removable appliances
- Other (please specify)



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part I - Personal Data

11. In what California county do you perform the majority of your work?

- | | | |
|------------------------------------|---------------------------------------|-------------------------------------|
| <input type="radio"/> Alameda | <input type="radio"/> Marin | <input type="radio"/> San Mateo |
| <input type="radio"/> Alpine | <input type="radio"/> Mariposa | <input type="radio"/> Santa Barbara |
| <input type="radio"/> Amador | <input type="radio"/> Mendocino | <input type="radio"/> Santa Clara |
| <input type="radio"/> Butte | <input type="radio"/> Merced | <input type="radio"/> Santa Cruz |
| <input type="radio"/> Calaveras | <input type="radio"/> Modoc | <input type="radio"/> Shasta |
| <input type="radio"/> Colusa | <input type="radio"/> Mono | <input type="radio"/> Sierra |
| <input type="radio"/> Contra Costa | <input type="radio"/> Monterey | <input type="radio"/> Siskiyou |
| <input type="radio"/> Del Norte | <input type="radio"/> Napa | <input type="radio"/> Solano |
| <input type="radio"/> El Dorado | <input type="radio"/> Nevada | <input type="radio"/> Sonoma |
| <input type="radio"/> Fresno | <input type="radio"/> Orange | <input type="radio"/> Stanislaus |
| <input type="radio"/> Glenn | <input type="radio"/> Placer | <input type="radio"/> Sutter |
| <input type="radio"/> Humboldt | <input type="radio"/> Plumas | <input type="radio"/> Tehama |
| <input type="radio"/> Imperial | <input type="radio"/> Riverside | <input type="radio"/> Trinity |
| <input type="radio"/> Inyo | <input type="radio"/> Sacramento | <input type="radio"/> Tulare |
| <input type="radio"/> Kern | <input type="radio"/> San Benito | <input type="radio"/> Tuolumne |
| <input type="radio"/> Kings | <input type="radio"/> San Bernardino | <input type="radio"/> Ventura |
| <input type="radio"/> Lake | <input type="radio"/> San Diego | <input type="radio"/> Yolo |
| <input type="radio"/> Lassen | <input type="radio"/> San Francisco | <input type="radio"/> Yuba |
| <input type="radio"/> Los Angeles | <input type="radio"/> San Joaquin | |
| <input type="radio"/> Madera | <input type="radio"/> San Luis Obispo | |



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

INSTRUCTIONS FOR RATING TASK STATEMENTS

In this part of the questionnaire you will be presented with 39 task statements. Please rate each task as it relates to your current practice as an orthodontic assistant permit holder using the **Frequency** and **Importance** scales displayed below. Your frequency and importance ratings should be separate and independent ratings. Therefore, the ratings you assign using one rating scale should not influence the ratings that you assign using the other rating scale.

If the task is NOT a part of your current practice, rate the task as "0" (zero) frequency and "0" (zero) importance.

The boxes for rating the frequency and importance of each task have drop-down lists. Click on the "down" arrow for each list to see the rating, and then select the value based on your current practice.

FREQUENCY RATING SCALE

HOW OFTEN are these tasks performed in your current practice? Use the following scale to make your ratings.

0 - DOES NOT APPLY. I do not perform this task in my current practice.

1 - RARELY. This task is one of the tasks I perform least often in my current practice relative to other tasks I perform.

2 - SELDOM. This task is performed less often than most to other tasks I perform in my current practice.

3 - REGULARLY. This task is performed as often as other tasks I perform in my current practice.

4 - OFTEN. This task is performed more often than most other tasks I perform in my current practice.

5 - VERY OFTEN. This task is one of the tasks I perform most often in my current practice relative to other tasks I perform.

IMPORTANCE RATING SCALE

HOW IMPORTANT are these tasks in performance of your current practice? Use the following scale to make your ratings.

0 - NOT IMPORTANT, DOES NOT APPLY TO MY PRACTICE. This task is not important to my current practice; I do not perform this task in my practice.

1 - OF MINOR IMPORTANCE. This task is of minor importance relative to other tasks; it has the lowest priority of all the tasks I perform in my current practice.

2 - FAIRLY IMPORTANT. This task is fairly important relative to other tasks; however, it does not have the priority of most other tasks I perform in my current practice.

3 - MODERATELY IMPORTANT. This task is moderately important for effective performance relative to other tasks; it has average priority of all the tasks I perform in my current practice.

4 - VERY IMPORTANT. This task is very important relative to other tasks; it has a higher degree of priority than most other tasks I perform in my current practice.

5 - CRITICALLY IMPORTANT. This task is one of the most critical tasks I perform relative to other tasks; it has the highest degree of priority of all the tasks I perform in my current practice.



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

12. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 1. Evaluations and Diagnostic Records

	Frequency	Importance
T1. Review patient history to identify conditions that may affect orthodontic treatment.	<input type="text"/>	<input type="text"/>
T2. Review extraoral and intraoral conditions or abnormalities to determine implications for orthodontic treatment.	<input type="text"/>	<input type="text"/>
T3. Chart evaluation information to document findings related to orthodontic treatment.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

13. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 1. Evaluations and Diagnostic Records

	Frequency	Importance
T4. Prepare patient for intra and extraoral radiographs or cone-beam computed tomography (CBCT) to assist the dentist in determining the position of teeth and jaw.	<input type="text"/>	<input type="text"/>
T5. Obtain maxillary and mandibular impressions or digital scan to prepare orthodontic studies or working models.	<input type="text"/>	<input type="text"/>
T6. Prepare bite registrations to index maxillary and mandibular arches.	<input type="text"/>	<input type="text"/>
T7. Prepare models to mount on articulator for orthodontic diagnostic studies.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

14. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 2. Orthodontic Procedures

	Frequency	Importance
T8. Identify types and stages of treatment to prepare for orthodontic procedures.	<input type="text"/>	<input type="text"/>
T9. Prepare instruments to facilitate use in orthodontic treatment.	<input type="text"/>	<input type="text"/>
T10. Select components and materials to be used in orthodontic appliance or auxiliaries.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

15. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 2. Orthodontic Procedures

	Frequency	Importance
T11. Place separators to create space for orthodontic bands.	<input type="text"/>	<input type="text"/>
T12. Place bands to attach orthodontic appliance parts or auxiliaries.	<input type="text"/>	<input type="text"/>
T13. Pre-position orthodontic brackets to facilitate movement of teeth to prescribed position.	<input type="text"/>	<input type="text"/>
T14. Place archwires to provide the force in moving teeth to prescribed position.	<input type="text"/>	<input type="text"/>
T15. Place ligatures to connect brackets in fixed orthodontic appliance.	<input type="text"/>	<input type="text"/>
T16. Assist in the placement of intraoral auxiliaries to increase effectiveness of braces.	<input type="text"/>	<input type="text"/>
T17. Assist in the placement of extraoral auxiliaries to increase effectiveness of braces.	<input type="text"/>	<input type="text"/>
T18. Remove orthodontic components to prepare for next treatment, phase, or completion.	<input type="text"/>	<input type="text"/>
T19. Check fixed or removable appliances to verify fit or retention.	<input type="text"/>	<input type="text"/>
T20. Assist with post-treatment procedures to finalize orthodontic outcomes.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

16. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 2. Orthodontic Procedures

	Frequency	Importance
T21. Educate patients about pre- and post-treatment instructions to promote compliance.	<input type="text"/>	<input type="text"/>
T22. Educate patients about orthodontic hygiene and care to maintain oral health or prevent damage.	<input type="text"/>	<input type="text"/>
T23. Educate patients about appliance care to prevent damage.	<input type="text"/>	<input type="text"/>
T24. Educate patients about dietary recommendations to prevent damage.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020

Part II - Task Ratings

17. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 3. Infection Control and Health and Safety

	Frequency	Importance
T25. Provide patient with safety precautions to enhance protection during orthodontic treatment.	<input type="text"/>	<input type="text"/>
T26. Implement barrier, evacuation, and rinse techniques to prevent the spread of disease through aerosol, droplets, and splatter.	<input type="text"/>	<input type="text"/>
T27. Sanitize hands according to protocols to prevent the transmission of diseases.	<input type="text"/>	<input type="text"/>
T28. Wear personal protective equipment to prevent contamination.	<input type="text"/>	<input type="text"/>
T29. Adhere to infectious disease prevention protocols to reduce risk of disease transmission.	<input type="text"/>	<input type="text"/>
T30. Identify signs of medical emergencies to address situations that require immediate intervention.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part II - Task Ratings

18. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 3. Infection Control and Health and Safety

	Frequency	Importance
T31. Disinfect treatment area and equipment to prepare for or complete orthodontic treatment.	<input type="text"/>	<input type="text"/>
T32. Sterilize orthodontic instruments to prevent patient-to-patient disease transmission.	<input type="text"/>	<input type="text"/>
T33. Adhere to disposal safety protocols to discard contaminated materials or sharps.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020

Part II - Task Ratings

19. Please rate the following tasks based on how often you perform the task (Frequency) and how important the task is for effective performance of your current practice (Importance).

Content Area 4. Laws and Regulations

	Frequency	Importance
T34. Comply with laws about consent to respect patients' right to make informed treatment decisions.	<input type="text"/>	<input type="text"/>
T35. Comply with Health Insurance Portability and Accountability Act (HIPAA) regulations to provide services that protects patients' private health information.	<input type="text"/>	<input type="text"/>
T36. Report instances of suspected abuse, neglect, and exploitation to protect vulnerable populations.	<input type="text"/>	<input type="text"/>
T37. Comply with laws about recordkeeping to document, store, and dispose of patient charts or records.	<input type="text"/>	<input type="text"/>
T38. Comply with laws about professional conduct to maintain professional integrity.	<input type="text"/>	<input type="text"/>
T39. Comply with laws about scope of practice to maintain professional boundaries.	<input type="text"/>	<input type="text"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

INSTRUCTIONS FOR RATING KNOWLEDGE STATEMENTS

In this part of the questionnaire, you will be presented 110 knowledge statements. Please rate each knowledge statement based on how important you believe that knowledge is to the performance of tasks in your current practice as an orthodontic assistant permit holder.

If the knowledge does **NOT** apply to your practice, rate the statement as "0" (zero) importance and go on to the next statement.

Please use the following importance scale to rate the knowledge statements:

IMPORTANCE SCALE

HOW IMPORTANT is this knowledge for performance of tasks in your current practice?

0 - NOT IMPORTANT; NOT REQUIRED. This knowledge does not apply to my current practice; it is not required for performance.

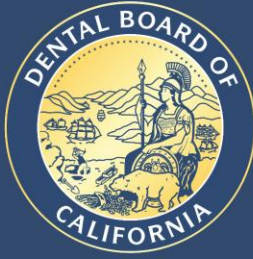
1 - OF MINOR IMPORTANCE. This knowledge is of minor importance for performance; it is useful for some relatively minor parts of my current practice.

2 - FAIRLY IMPORTANT. This knowledge is fairly important for performance in some relatively major parts of my current practice.

3 - MODERATELY IMPORTANT. This knowledge is moderately important for performance in some relatively major parts of my current practice.

4 - VERY IMPORTANT. This knowledge is very important for performance of tasks in my current practice.

5 - CRITICALLY IMPORTANT. This knowledge is critically important for performance of tasks in my current practice.



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

20. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 1. Evaluations and Diagnostic Records

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K1. Knowledge of common medical conditions or medications that affect orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K2. Knowledge of oral conditions that impact orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K3. Knowledge of methods for collecting information about patient history.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K4. Knowledge of methods for classifying occlusion and malocclusion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K5. Knowledge of the relationship between facial or oral abnormalities and orthodontic conditions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K6. Knowledge of the effects of diet and personal habits on orthodontic conditions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K7. Knowledge of the relationship between speech patterns and orthodontic conditions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K8. Knowledge of universal numbering and Palmer quadrant notation systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K9. Knowledge of methods for charting oral conditions and problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K10. Knowledge of methods for recording medical or dental history.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020

Part III - Knowledge Ratings

21. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 1. Evaluations and Diagnostic Records

	Not important, not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K11. Knowledge of types of radiographic imaging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K12. Knowledge of procedures for taking digital or conventional radiographs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K13. Knowledge of methods for patient management during radiograph procedures.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K14. Knowledge of factors that impact radiographic imaging and quality.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K15. Knowledge of types of impression instruments and materials.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K16. Knowledge of methods for taking impressions and tray placement.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K17. Knowledge of factors that impact impression quality.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K18. Knowledge of methods for taking digital scans.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K19. Knowledge of factors that impact digital scan quality.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K20. Knowledge of types of materials used in bite registrations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K21. Knowledge of methods for taking bite registrations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K22. Knowledge of techniques for bite registration cleanup and preparation for use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K23. Knowledge of types of orthodontic models.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K24. Knowledge of techniques and materials used in pouring orthodontic models.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K25. Knowledge of methods for separating, trimming, and finishing orthodontic models.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

22. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 2. Orthodontic Procedures

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K26. Knowledge of types and stages of orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K27. Knowledge of types of tooth movement achieved in orthodontic treatments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K28. Knowledge of processes and limitations involved in tooth movement.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K29. Knowledge of types of orthodontic instruments and their associated uses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K30. Knowledge of methods for preparing, caring for, and storing orthodontic instruments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K31. Knowledge of types of orthodontic components and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K32. Knowledge of types of auxiliaries and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K33. Knowledge of methods for selecting orthodontic components or auxiliaries based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K34. Knowledge of types of bonding materials.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K35. Knowledge of methods for selecting bonding materials based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

23. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 2. Orthodontic Procedures

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K36. Knowledge of types of orthodontic separators and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K37. Knowledge of types of instruments used to place orthodontic separators.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K38. Knowledge of techniques for placing orthodontic separators.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K39. Knowledge of signs of tissue irritation or infection associated with orthodontic appliances.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K40. Knowledge of types of orthodontic bands and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K41. Knowledge of methods for fitting orthodontic bands.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K42. Knowledge of methods for cementing orthodontic bands.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K43. Knowledge of methods for removing excess cement from supragingival surfaces.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K44. Knowledge of types of instruments used to place orthodontic bands.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K45. Knowledge of types of orthodontic brackets and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K46. Knowledge of methods for placing brackets based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K47. Knowledge of methods for bonding orthodontic brackets.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K48. Knowledge of methods for removing excess bonding material from surface of teeth.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K49. Knowledge of types of instruments used to place orthodontic brackets.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K50. Knowledge of the types of archwires and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K51. Knowledge of methods for placing archwires based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K52. Knowledge of methods for terminating archwires.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K53. Knowledge of types of instruments used to place orthodontic archwires.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K54. Knowledge of types of ligatures and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K55. Knowledge of methods for placing ligatures based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K56. Knowledge of types of instruments used to place orthodontic ligatures.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K57. Knowledge of types of intraoral auxiliaries and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K58. Knowledge of methods for placing intraoral auxiliaries based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K59. Knowledge of types of instruments used to place intraoral auxiliaries.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K60. Knowledge of types of extraoral auxiliaries and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K61. Knowledge of methods for checking the fit of extraoral auxiliaries based on dentist's instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K62. Knowledge of factors that impact the efficacy of extraoral auxiliaries.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K63. Knowledge of methods for removing orthodontic appliance components.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K64. Knowledge of methods for removing orthodontic cement or bonding agents.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K65. Knowledge of instruments used in the removal of orthodontic appliance components.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K66. Knowledge of types of fixed or removable appliances and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K67. Knowledge of methods for verifying fit or retention of fixed and removable appliances.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K68. Knowledge of types of post-treatment procedures and their functions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K69. Knowledge of types of instruments used in performing post-treatment procedures.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

24. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 2. Orthodontic Procedures

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically Important
K70. Knowledge of symptoms patients may encounter following orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K71. Knowledge of techniques for pain management following orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K72. Knowledge of methods for educating patients about pre- and post-treatment instructions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K73. Knowledge of the effects of poor hygiene and care related to orthodontics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K74. Knowledge of methods for educating patients about oral hygiene related to orthodontics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically Important
K75. Knowledge of the effects of improper handling on orthodontic appliances.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K76. Knowledge of methods for educating patients about orthodontic appliance care.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K77. Knowledge of the effects of foods and beverages on orthodontic appliances and teeth.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K78. Knowledge of methods for educating patients about dietary recommendations during orthodontic treatment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS SURVEY 2020

Part III - Knowledge Ratings

25. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 3. Infection Control and Health and Safety

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K79. Knowledge of methods for using safety precautions with patients.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K80. Knowledge of types of safety equipment for protecting patients.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K81. Knowledge of techniques for protecting patients during diagnostic tests and imaging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K82. Knowledge of equipment for providing protective barriers and evacuation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K83. Knowledge of techniques for using barriers, evacuation, and rinses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K84. Knowledge of types of infectious diseases and their modes of transmission.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K85. Knowledge of techniques for sanitizing hands during orthodontic treatments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K86. Knowledge of techniques for using personal protective equipment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K87. Knowledge of techniques for preventing the spread of infectious diseases.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K88. Knowledge of signs of allergic reaction or anaphylactic shock.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K89. Knowledge of signs of medical crisis or emergency.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K90. Knowledge of methods for obtaining emergency medical assistance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K91. Knowledge of methods for administering emergency first aid and CPR.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020

Part III - Knowledge Ratings

26. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 3. Infection Control and Health and Safety

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K92. Knowledge of methods for disinfecting treatment areas and equipment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K93. Knowledge of barrier techniques for protecting treatment areas and equipment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K94. Knowledge of methods for monitoring dental waterlines and water quality.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K95. Knowledge of methods for disinfecting evacuation lines.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K96. Knowledge of types of sterilization processes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K97. Knowledge of methods for sterilizing instruments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K98. Knowledge of techniques for storing instruments before and after use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K99. Knowledge of techniques for the safe disposal of contaminated materials.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K100. Knowledge of techniques for the safe disposal of sharps.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



**ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020**

Part III - Knowledge Ratings

27. How important is this knowledge for effective performance of tasks in your current practice?

Content Area 4. Laws and Regulations

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K101. Knowledge of laws regarding patient consent.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K102. Knowledge of laws related to the Health Insurance Portability and Accountability Act (HIPAA).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K103. Knowledge of signs of child abuse or neglect.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K104. Knowledge of signs of dependent adult abuse, neglect, or exploitation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K105. Knowledge of signs of elder adult abuse, neglect, or exploitation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K106. Knowledge of methods for reporting child, elder, or dependent adult abuse.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not important; not required	Of minor importance	Fairly important	Moderately important	Very important	Critically important
K107. Knowledge of laws for patient recordkeeping and documentation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K108. Knowledge of laws regarding the storage and disposal of patient charts or records.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K109. Knowledge of laws regarding professional conduct.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
K110. Knowledge of laws regarding scope of practice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



**ORTHODONTIC ASSISTANT OCCUPATIONAL ANALYSIS
SURVEY 2020**

Thank you!

Thank you for taking the time to complete this survey. The Dental Board of California (DBC) values your contribution to this study.



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Emilia Zuloaga, Dental Assisting Program Manager Dental Board of California
SUBJECT	Agenda Item 5: Update Regarding Registered Dental Assistant in Extended Functions (RDAEF) Written Examination

Background

The Dental Board of California (Board) administers the RDAEF clinical and practical examinations (exams) as outlined in Business and Professions Code (BPC) section 1753.4. However, the RDAEF clinical and practical examinations have not been administered in over a year due to the COVID-19 pandemic, resulting statewide stay-at-home orders, and difficulty finding locations where the RDAEF clinical and practical examinations could be administered. Board staff continue to reach out to dental schools in both northern and southern California but have been unsuccessful in their efforts to reserve a host school for various reasons, including, local shelter-in-place orders, other COVID-19 restrictions, COVID-19 screening and/or testing requirements at the school, and inadequate facilities.

After working with the Department of Consumers Affairs (DCA) Office of Professional Examination Services (OPES), the Board established that due to ethical and practical considerations, dental licensure examinations are moving away from patient-based assessments, and this trend has been accelerated by the COVID-19 pandemic. With respect to administering the RDAEF clinical and practical examinations, at the August 2020 meeting, the Board discussed various issues, including: the challenges with administration of the RDAEF clinical and practical examinations; RDAEFs are a supervised profession requiring supervising dentists to determine when a RDAEF is ready to practice and perform the duties of their licensure; the Board has not received consumer complaints relating to RDAEFs performing these tested procedures; and the Board has already eliminated the Registered Dental Assistant (RDA) practical examination for similar issues. At its December 2020 meeting, the Board further discussed these issues and directed staff to submit a legislative proposal and seek an author to repeal the clinical and practical exam requirements for RDAEF licensure.

Update

In early January, Board staff submitted the legislative proposal to Senate Business, Professions and Economic Development (BP&ED) Committee consultants, who assisted Board staff with identifying an author to introduce the legislative proposal as a bill. On February 18, 2021, Senate Bill (SB) 607 was introduced by Senator Roth and, if enacted,

would delete the RDAEF clinical or practical exam requirement and make related technical amendments. SB 607 was subsequently amended on April 13, 2021, to include, among other things related to other DCA boards, establishing the application fee for a pediatric minimal sedation permit. SB 607 was referred to the Senate BP&ED Committee and is set for hearing on April 19, 2021. Board staff will provide a verbal update on the outcome of the hearing at the Council's April 30, 2021 meeting.

In anticipation of SB 607 moving forward, on March 26-27, 2021, OPES held an RDAEF item writing workshop to begin creating an RDAEF written exam that would replace the current written and practical exams. Representatives from OPES will be presenting an update on this process.

Action Requested

No action requested.



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Anabel Olazaba, Educational Program & Licensing Coordinator Dental Board of California
SUBJECT	Agenda Item 6: Update on Dental Assisting Programs and Courses

Table 1 identifies the total number of Dental Assisting Program and Course applications approved in fiscal years (FY) 2018/2019, 2019/2020, and 2020/2021. FY 2020/2021 includes numbers through March 31, 2021.

Table 1											
Total Program and Course Applications Approved in Fiscal Years 2018-2021											
Fiscal Year	RDA Program	RDAEF Program	RDAEF-ITR	Radiation Safety	Coronal Polishing	Pit & Fissure Sealant	Ultrasonic Scaling	Infection Control	DSA Permit	OA Permit	Total
2018/2019	2	1	0	7	3	1	0	6	3	5	28
2019/2020	2	0	0	10	5	3	1	9	3	5	38
2020/2021	0	0	0	6	9	8	1	7	1	5	37

Table 2 identifies the number of Registered Dental Assistant (RDA) and RDA in Extended Functions (RDAEF) Program site visits conducted in FYs 2018/2019, 2019/2020, and 2020/2021. FY 2020/2021 includes numbers through March 31, 2021.

Table 2					
Total RDA and RDAEF Site Visits in Fiscal Years 2018-2021					
Fiscal Year	RDA Programs		RDAEF Programs		Grand Total
	Provisional	Full	Provisional	Full	
2018/2019	0	2	0	1	3
2019/2020	0	2	0	0	2
2020/2021	0	0	0	0	0

Table 3 identifies the Dental Assisting Program and Course application status in FYs 2018/2019, 2019/2020, and 2020/21. FY 2020/21 includes numbers through March 31, 2021.

Table 3 Program and Course Application Status in Fiscal Years 2018-2021															
Program/Course	Approved			Denied			Curriculum Approved-Pending Site Visit			In the Review			Deficient		
	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21	2018/19	2019/20	2020/21
RDA Program	2	2	0	0	0	0	0	0	0	0	2	0	0	0	0
RDAEF Program	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RDAEF-ITR	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Radiation Safety	7	10	6	0	0	0	0	0	0	1	1	2	0	2	3
Coronal Polishing	3	5	9	0	0	0	0	0	0	0	0	4	0	0	2
Pit & Fissure Sealant	1	3	8	0	0	0	0	0	0	0	0	1	0	0	2
Ultrasonic Scaling	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
Infection Control	6	9	7	0	0	0	0	0	0	0	0	4	0	0	5
DSA Permit	3	3	1	0	0	0	0	0	0	0	0	0	0	1	0
OA Permit	5	5	5	0	0	0	0	0	0	0	0	1	0	0	2
Total Applications	28	38	37	0	0	0	0	0	0	1	4	13	1	3	14

Table 4 provides the total number of approved Dental Assisting Programs and Courses as of March 31, 2021.

Table 4 Total Approved Program and Courses									
RDA Program	RDAEF Program	RDAEF-ITR	Radiation Safety	Coronal Polishing	Pit & Fissure Sealant	Ultrasonic Scaling	Infection Control	DSA Permit	OA Permit
90	12	4	170	113	158	36	152	37	167

Table 5 identifies approved Dental Assisting Program and Course providers by name and type of program from January 1, 2020 through March 31, 2021.

Table 5 Approved Programs and Courses by Name											
Provider	Approval Date	RDA Program	RDAEF Program	RDAEF ITR	X-Ray	CP	P/F	US	IC	DSA	OA
		Richard Chang	2/4/20				X				
High Desert Medical College - Bakersfield	2/12/20				X						
High Desert Medical College - Lancaster	2/12/20				X						
High Desert Medical College - Temecula	5/4/20				X						

Provider	Approval Date	RDA Program	RDAEF Program	RDAEF ITR	X-Ray	CP	P/F	US	IC	DSA	OA
Hikedda Ikeda, DDS, MS Dental Corporation	5/4/20										X
California Dental Institute	5/4/20				X						
Newport Oral Surgery	5/4/20									X	
San Ramon Orthodontics	5/4/20										X
OC Dental Specialists	5/18/20										X
OC Dental Specialists	5/18/20								X		
OC Dental Specialists	5/18/20				X						
OC Dental Specialists	5/18/20						X				
OC Dental Specialists (Dr. Thomas Boone)	5/18/20					X					
OC Dental Specialists (Dr. Thomas Boone)	5/18/20							X			
Dental Fundamentals CE	5/22/20								X		
Family Tree Orthodontics	5/27/20										X
Central California Dental Academy	5/27/20								X		
Central California Dental Academy	5/27/20					X					
National Career College	5/27/20					X					
Indigo Career College	5/27/20					X					
Douglas J. Harrington D.D.S.	5/29/20										X
Ordemy	6/19/20								X		
Ordemy	6/19/20					X					
Ordemy	6/19/20				X						
Accelerated Dental Assisting Academy	6/29/20								X		
High Desert Medical College-Lancaster	7/1/20					X					
High Desert Medical College- Lancaster	7/1/20						X				
High Desert Medical College - Temecula	7/1/20						X				
High Desert Medical College - Temecula	7/1/20					X					
High Desert Medical College - Bakersfield	7/1/20						X				
High Desert Medical College-Bakersfield	7/1/20					X					
International Institute for Wellness	7/9/20					X					
International Institute for Wellness	7/9/20				X						
Evergreen Dental Institute	7/9/20								X		
Accelerated Dental Assisting Academy	7/22/20					X					
North Orange County-ROP	7/28/20								X		
Dr. Anna Lu, DMD, APC, OMS	7/28/20									X	

Provider	Approval Date	RDA Program	RDAEF Program	RDAEF ITR	X-Ray	CP	P/F	US	IC	DSA	OA
Kern High School District - ROP	7/30/20				X						
Kern High School District - ROP	7/30/20								X		
California Dental Educators	8/4/20				X						
California Dental Educators	8/4/20						X				
Wayne I. Kodama Institute of Dental Assisting	8/17/20					X					
Wayne I. Kodama Institute of Dental Assisting	8/17/20						X				
Brian Earl Steinhoff DDS	8/25/20										X
Carole S. Randolph DDS	8/25/20										X
Dental Assisting Institute	10/3/20						X				
Dental Assisting Institute	1/22/21								X		
Dental Assisting Institute	1/22/21				X						
Wayne I. Kodama Institute of Dental Assisting	1/29/21								X		
Dental Assisting Institute	2/1/21					X					
Lollipop Pediatric Dentistry	2/22/21								X		
Premier Orthodontics	2/22/21										X
iEducation	3/3/21										X
Thurman Orthodontics	3/3/21										X
Contra Costa Medical Career College	3/10/21				X						
Wayne I. Kodama Institute of Dental Assisting	3/10/21				X						
Lake Tahoe Community College	3/17/21						X				
Lake Tahoe Community College	3/18/21					X					
Lollipop Pediatric Dentistry	3/25/21							X			
Contra Costa Medical Career College	3/30/21					X					
Contra Costa Medical Career College	3/30/21								X		
Contra Costa Medical Career College	3/30/21						X				
PROGRAM/COURSE TOTALS		0	0	0	13	14	9	2	12	2	10
TOTAL APPROVALS = 62											



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Laura Fisher, Associate Governmental Program Analyst Dental Board of California
SUBJECT	Agenda Item 7: Update on Dental Assisting Examination Statistics

Background:

The following table provides the examination statistics for candidates who took dental assisting examinations during the past three fiscal years (FYs). FY 2020/2021 includes data from July 1, 2020 through March 31, 2021.

License Type		RDA	OA	DSA	RDAEF		
		Written	Written	Written	Clinical	Practical	Written
FY 2020/21	Total 1 st Time Candidates Tested	1,156	105	3	N/A	N/A	106
	1 st Time Candidates Pass	929	55	2	N/A	N/A	94
	1 st Time Candidates Pass %	80%	52%	67%	N/A	N/A	89%
	1 st Time Candidates Fail	227	50	1	N/A	N/A	12
	1 st Time Candidates Fail %	20%	48%	33%	N/A	N/A	11%
	Total Repeat Candidates Tested	601	136	2	N/A	N/A	21
	Repeat Candidates Pass	281	36	1	N/A	N/A	16
	Repeat Candidates Pass %	47%	26%	50%	N/A	N/A	76%
	Repeat Candidates Fail	320	100	1	N/A	N/A	5
	Repeat Candidates Fail %	53%	74%	50%	N/A	N/A	24%
	Total Candidates Tested	1,757	241	5	N/A	N/A	127
	Total Candidates Passed	1,210	91	3	N/A	N/A	110
	Total Candidates Pass %	69%	38%	60%	N/A	N/A	87%
	Total Candidates Failed	547	150	2	N/A	N/A	17
Total Candidates Fail %	31%	62%	40%	N/A	N/A	13%	
FY 2019/20	Total 1 st Time Candidates Tested	2,108	206	6	56	64	98
	1 st Time Candidates Pass	1,412	105	6	29	35	73
	1 st Time Candidates Pass %	67%	51%	100%	52%	55%	74%
	1 st Time Candidates Fail	697	101	0	27	29	25
	1 st Time Candidates Fail %	33%	49%	0%	48%	45%	26%
	Total Repeat Candidates Tested	1,469	174	N/A	24	21	55
	Repeat Candidates Pass	632	94	N/A	11	7	31
	Repeat Candidates Pass %	43%	54%	N/A	46%	33%	56%
	Repeat Candidates Fail	837	80	N/A	13	14	24
	Repeat Candidates Fail %	57%	46%	N/A	54%	67%	44%
	Total Candidates Tested	3,577	380	6	80	85	153
	Total Candidates Passed	2,044	199	6	40	42	104

	License Type	RDA	OA	DSA	RDAEF		
		Written	Written	Written	Clinical	Practical	Written
FY 2019/20	Total Candidates Pass %	57%	52%	100%	50%	49%	68%
	Total Candidates Failed	1,534	181	0	40	43	49
	Total Candidates Fail %	43%	48%	0%	50%	51%	32%
FY 2018/19	Total 1 st Time Candidates Tested	2,682	263	7	53	52	82
	1 st Time Candidates Pass	1,609	155	6	37	40	53
	1 st Time Candidates Pass %	60%	59%	86%	70%	77%	65%
	1 st Time Candidates Fail	1,073	108	1	16	12	29
	1 st Time Candidates Fail %	40%	41%	14%	30%	23%	35%
	Total Repeat Candidates Tested	1,357	307	3	22	21	57
	Repeat Candidates Pass	638	95	1	16	15	29
	Repeat Candidates Pass %	47%	31%	33%	73%	71%	51%
	Repeat Candidates Fail	719	212	2	6	6	28
	Repeat Candidates Fail %	53%	69%	67%	27%	29%	49%
	Total Candidates Tested	4,039	570	10	75	73	139
	Total Candidates Passed	2,247	250	7	53	55	82
	Total Candidates Pass %	56%	44%	70%	71%	75%	59%
	Total Candidates Failed	1,792	320	3	22	18	57
Total Candidates Fail %	44%	56%	30%	29%	25%	41%	

Action Requested:
No action requested.

RDA GENERAL AND LAW AND ETHICS WRITTEN EXAMINATION SCHOOL STATISTICS

Program	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Total	YTD First Time Testers	YTD Repeat Testers
Allan Hancock (508)	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	100%	86%	92%	90%	0%
pass		1							1	1	3	6	12	9	1
fail		0							0	0	0	1	1	1	0
American Career - Anaheim (896)	N/A	0%	100%	50%	N/A	0%	100%	0%	0%	0%	100%	100%	40%	100%	40%
pass		0	1	1		0	1	0	0	0	2	1	6	1	2
fail		1	0	1		1	0	1	2	3	0	0	9	0	3
American Career - Long Beach (997)	N/A	N/A	N/A	100%	N/A	100%	N/A	N/A	100%	N/A	0%	100%	80%	100%	0%
pass				1		1			1		0	1	4	1	0
fail				0		0			0		1	0	1	0	1
American Career - Los Angeles (867)	N/A	50%	100%	67%	100%	75%	100%	50%	N/A	0%	50%	75%	68%	50%	67%
pass		1	1	2	2	3	2	2		0	1	3	17	2	2
fail		1	0	1	0	1	0	2		1	1	1	8	2	1
American Career - Ontario (905)	N/A	0%	33%	0%	67%	100%	50%	N/A	100%	N/A	100%	N/A	53%	100%	0%
pass		0	1	0	2	1	1		1		2		8	2	0
fail		2	2	1	1	0	1		0		0		7	0	0
Anthem College - Sacramento (503)	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	0%
pass			1										1	0	0
fail			0										0	0	0
Baldy View Regional Occupational Program (590)	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A	N/A	50%	0%	50%	29%	0%	33%
pass							0			1	0	1	2	0	2
fail							1			1	2	1	5	0	4
Blake Austin College (897)	N/A	N/A	75%	100%	N/A	100%	100%	100%	100%	N/A	N/A	0%	85%	0%	0%
pass			3	2		1	1	1	3			0	11	0	0
fail			1	0		0	0	0	0			1	2	1	0
Brightwood - Bakersfield (884)	N/A	N/A	N/A	N/A	N/A	50%	0%	0%	N/A	50%	0%	50%	33%	100%	0%
pass						1	0	0		1	0	1	3	2	0
fail						1	1	1		1	1	1	6	0	3
Brightwood - Clovis (885)	N/A	50%	100%	N/A	N/A	100%	100%	N/A	N/A	0%	100%	50%	70%	50%	50%
pass		1	1			1	2			0	1	1	7	1	1
fail		1	0			0	0			1	0	1	3	1	1
Brightwood - Modesto (499)/(890)	N/A	0%	100%	50%	N/A	0%	N/A	0%	N/A	N/A	50%	50%	50%	0%	50%
pass		0	3	1		0		0			1	1	6	0	2
fail		1	0	1		1		1			1	1	6	0	2
Brightwood - Palm Springs (901)	N/A	N/A	100%	100%	N/A	100%	N/A	N/A	N/A	N/A	50%	N/A	75%	50%	50%
pass			1	1		2					2		6	1	1
fail			0	0		0					2		2	1	1
Brightwood - Riverside (898)	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A	50%	0%	0%
pass				1							0		1	0	0
fail				0							1		1	0	1
Brightwood - Sacramento (888)	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	100%	0%	0%
pass			2						1				3	0	0
fail			0						0				0	0	0
Brightwood - San Diego (899)	N/A	N/A	N/A	100%	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	100%	0%	0%
pass				1				1					2	0	0
fail				0				0					0	0	0

RDA GENERAL AND LAW AND ETHICS WRITTEN EXAMINATION SCHOOL STATISTICS

Brightwood - Stockton (611)	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	N/A	N/A	N/A	100%	100%	100%	0%
pass							1	1				2	4	2	0
fail							0	0				0	0	0	0
Brightwood - Vista (900)	N/A	N/A	0%	0%	0%	100%	100%	100%	100%	N/A	N/A	N/A	57%	0%	0%
pass			0	0	0	1	1	1	1				4	0	0
fail			1	1	1	0	0	0	0				3	0	0
Butte County Regional Occupational Program (605)	N/A	N/A	100%	N/A	N/A	N/A	100%	100%	100%	100%	N/A	100%	100%	100%	0%
pass			1				8	1	5	1		1	17	2	0
fail			0				0	0	0	0		0	0	0	0
Cabrillo College (001)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	100%	0%	0%
pass								1					1	0	0
fail								0					0	0	0
California Dental Certifications (993)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	100%	0%
pass												1	1	1	0
fail												0	0	0	0
Carrington - Antioch (886)	N/A	N/A	N/A	N/A	N/A	100%	100%	N/A	N/A	100%	N/A	N/A	100%	100%	0%
pass						1	1			2			4	2	0
fail						0	0			0			0	0	0
Carrington - Citrus Heights (882)	N/A	50%	100%	N/A	100%	100%	100%	100%	100%	N/A	75%	80%	87%	75%	100%
pass		1	1		2	1	4	2	2		3	4	20	6	1
fail		1	0		0	0	0	0	0		1	1	3	2	0
Carrington - Emeryville (904)	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	100%	0%	0%
pass							1						1	0	0
fail							0						0	0	0
Carrington - Pleasant Hill (868)	100%	50%	100%	100%	50%	50%	100%	50%	100%	33%	25%	33%	57%	33%	25%
pass	1	1	3	1	1	1	2	2	1	1	1	1	16	2	1
fail	0	1	0	0	1	1	0	2	0	2	3	2	12	4	3
Carrington - Pomona (908)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	0%
pass						1							1	0	0
fail						0							0	0	0
Carrington - Sacramento (436)	0%	75%	75%	91%	80%	70%	67%	100%	100%	83%	57%	67%	76%	83%	43%
pass	0	6	3	10	4	7	4	5	1	5	4	4	53	10	3
fail	1	2	1	1	1	3	2	0	0	1	3	2	17	2	4
Carrington - San Jose (876)	N/A	0%	100%	100%	N/A	50%	100%	0%	100%	N/A	100%	100%	81%	100%	0%
pass		0	1	3		1	1	0	2		3	2	13	5	0
fail		1	0	0		1	0	1	0		0	0	3	0	0
Carrington - San Leandro (609)	N/A	0%	0%	100%	83%	100%	75%	67%	100%	0%	33%	67%	58%	20%	50%
pass		0	0	1	5	2	3	4	1	0	1	2	19	1	2
fail		1	3	0	1	0	1	2	0	3	2	1	14	4	2
Carrington - Stockton (902)	N/A	N/A	N/A	75%	100%	0%	N/A	100%	0%	100%	100%	N/A	69%	100%	100%
pass				3	4	0		1	0	2	1		11	2	1
fail				1	0	1		0	3	0	0		5	0	0
Cerritos Community College - Norwalk (511)	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	100%	100%	0%
pass		1									2	3	6	5	0
fail		0									0	0	0	0	0
Chaffey College (514)	N/A	100%	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	100%	0%
pass		1			1						2		4	2	0
fail		0			0						0		0	0	0

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Charter College - Canyon Country (401)	N/A	N/A	N/A	100%	100%	50%	N/A	100%	0%	100%	50%	100%	70%
pass				1	1	1		1	0	1	1	1	7
fail				0	0	1		0	1	0	1	0	3
Citrus College - Glendora (515)	N/A	N/A	100%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass			1	1	1							5	8
fail			0	0	0							0	0
College of Alameda - Alameda (506)	N/A	0%	50%	100%	N/A	N/A	0%	N/A	100%	N/A	N/A	100%	70%
pass		0	1	1			0		2			3	7
fail		1	1	0			1		0			0	3
College of Marin (523)	N/A	N/A	N/A	N/A	50%	N/A	N/A	100%	100%	100%	100%	0%	80%
pass					1			1	1	1	4	0	8
fail					1			0	0	0	0	1	2
College of San Mateo (536)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	0%	100%	N/A	80%
pass						1				0	3		4
fail						0				1	0		1
College of the Redwoods (838)	N/A	N/A	100%	N/A	100%	100%	100%	67%	N/A	N/A	100%	100%	92%
pass			2		2	1	2	2			1	1	11
fail			0		0	0	0	1			0	0	1
Concorde Career - Garden Grove (425)	N/A	0%	N/A	100%	N/A	100%	100%	0%	33%	100%	100%	100%	72%
pass		0		1		3	1	0	1	2	3	2	13
fail		2		0		0	0	1	2	0	0	0	5
Concorde Career - North Hollywood (435)	N/A	N/A	N/A	50%	100%	N/A	0%	0%	N/A	N/A	33%	100%	40%
pass				1	1		0	0			1	1	4
fail				1	0		1	2			2	0	6
Concorde Career - San Bernardino (430)	N/A	80%	100%	100%	0%	75%	67%	50%	0%	100%	100%	50%	68%
pass		4	4	1	0	3	4	1	0	1	2	3	23
fail		1	0	0	1	1	2	1	2	0	0	3	11
Concorde Career - San Diego (421)	N/A	100%	60%	0%	75%	100%	67%	0%	50%	N/A	100%	80%	71%
pass		1	3	0	3	1	2	0	1		5	4	20
fail		0	2	1	1	0	1	1	1		0	1	8
Cypress College (518)	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	100%	N/A	N/A	0%	80%
pass					1		1		2			0	4
fail					0		0		0			1	1
Diablo Valley College - Pleasant Hill (516)	N/A	N/A	100%	N/A	N/A	N/A	100%	100%	N/A	100%	N/A	100%	100%
pass			1				6	1		1		1	10
fail			0				0	0		0		0	0
Eden Area Regional Occupational Program (608) (856)	N/A	0%	100%	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	75%
pass		0	2					1					3
fail		1	0					0					1
Everest - Alhambra (406)	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	50%	N/A	N/A	N/A	67%
pass				1					1				2
fail				0					1				1
Everest - Anaheim (403)/(600)	N/A	100%	N/A	N/A	N/A	0%	0%	N/A	N/A	N/A	N/A	N/A	50%
pass		2				0	0						2
fail		0				1	1						2
Everest - City of Industry (875)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass						1							1
fail						0							0

100%	50%
2	1
0	1
100%	0%
5	0
0	0
100%	0%
3	0
0	0
100%	0%
5	0
0	1
100%	67%
1	2
0	1
100%	0%
2	0
0	0
100%	100%
6	1
0	0
100%	0%
2	0
0	2
80%	50%
4	2
1	2
89%	100%
8	1
1	0
0%	0%
0	0
0	1
100%	0%
2	0
0	0
0%	0%
0	0
0	0
0%	0%
0	0
0	0
0%	0%
0	0
0	0

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Everest - Gardena (870)	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass				1									1
fail				0									0
Everest - Los Angeles (410)	N/A	N/A	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass			1	1								1	3
fail			0	0								0	0
Everest - Ontario (501)	N/A	0%	N/A	0%	100%	0%	N/A	50%	N/A	N/A	N/A	100%	43%
pass		0		0	1	0		1				1	3
fail		1		1	0	1		1				0	4
Everest - Reseda (404)	N/A	N/A	N/A	N/A	N/A	100%	100%	N/A	N/A	N/A	N/A	100%	100%
pass						2	1					1	4
fail						0	0					0	0
Everest - San Francisco (407)	N/A	N/A	0%	0%	100%	N/A	100%	N/A	N/A	N/A	100%	N/A	67%
pass			0	0	1		1				2		4
fail			1	1	0		0				0		2
Everest - San Jose (408)	N/A	0%	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	83%
pass		0	1	2							1	1	5
fail		1	0	0							0	0	1
Everest - W Los Angeles (874)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass						1							1
fail						0							0
FADE Institute, Inc. (999)	100%	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass	1				3								4
fail	0				0								0
Foothill Community College (517)	N/A	100%	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	100%	100%
pass		1				1	1	2	3	2	1	1	12
fail		0				0	0	0	0	0	0	0	0
Galen - Modesto (497)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass												1	1
fail												0	0
Galen - Fresno (413)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	N/A	100%
pass								1		1			2
fail								0		0			0
Grossmont Community College - El Cajon (519)	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%	N/A	N/A	50%	94%
pass				3	2	3	2	3	2			1	16
fail				0	0	0	0	0	0			1	1
Grossmont Health Occupations - Santee (610)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	80%	N/A	88%
pass								3			4		7
fail								0			1		1
Heald - Concord (891)	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass				1									1
fail				0									0
Heald - Hayward (889)	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A	0%	100%	N/A	N/A	33%
pass							0		0	1			1
fail							1		1	0			2
Heald - Stockton (887)	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	N/A	N/A	N/A	100%
pass							1		1				2
fail							0		0				0

0%	0%
0	0
0	0
100%	0%
1	0
0	0
100%	0%
1	0
0	0
100%	0%
1	0
0	0
100%	0%
2	0
0	0
100%	0%
0	0
0	0
0%	0%
0	0
0	0
100%	0%
1	0
0	0
100%	0%
1	0
0	0
80%	0%
4	0
1	0
0%	0%
0	0
0	0
100%	0%
0	0
0	0

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Howard Healthcare Academy (996)	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	67%	0%	50%	100%	60%	33%	50%
pass						1		1	2	0	1	1	6	1	1
fail						0		0	1	2	1	0	4	2	1
Intercoast College - El Cajon (883)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	N/A	N/A	N/A	N/A	0%	0%	0%
pass								0					0	0	0
fail								1					1	0	0
Med-Help Training School (441)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	100%	0%	0%
pass								1					1	0	0
fail								0					0	0	0
Milan Institute - Merced (928)	N/A	N/A	0%	N/A	0%	67%	N/A	50%	0%	N/A	33%	67%	43%	60%	0%
pass			0		0	2		1	0		1	2	6	3	0
fail			1		1	1		1	1		2	1	8	2	1
Milan Institute - Palm Desert/Indio (906)	N/A	50%	N/A	100%	N/A	50%	100%	N/A	N/A	60%	100%	50%	71%	63%	100%
pass		1		2		1	1			3	3	1	12	5	2
fail		1		0		1	0			2	0	1	5	3	0
Milan Institute - Visalia (907)	N/A	50%	100%	N/A	100%	100%	50%	0%	N/A	0%	100%	100%	67%	67%	0%
pass		1	2		1	1	1	0		0	1	1	8	2	0
fail		1	0		0	0	1	1		1	0	0	4	1	0
Monterey Peninsula College (527)	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	50%	88%	75%	100%
pass			3							1	2	1	7	3	1
fail			0							0	0	1	1	1	0
Moreno Valley College (903)	N/A	N/A	100%	N/A	100%	N/A	N/A	100%	N/A	100%	N/A	N/A	100%	100%	0%
pass			1		1			1		4			7	4	0
fail			0		0			0		0			0	0	0
Mt. Diablo Adult Education - Concord (500)	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	100%	100%	100%	0%
pass							2					3	5	3	0
fail							0					0	0	0	0
North Orange County Regional Occupational Program (495)	N/A	N/A	N/A	100%	100%	100%	100%	N/A	N/A	N/A	50%	N/A	88%	0%	100%
pass				2	2	1	1				1		7	0	1
fail				0	0	0	0				1		1	1	0
North-West College - Pomona (420)	N/A	0%	100%	100%	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	75%	0%	0%
pass		0	1	1				1					3	0	0
fail		1	0	0				0					1	0	0
North-West College - West Covina (419)	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	100%	N/A	N/A	100%	100%	0%
pass						1		1		1			3	1	0
fail						0		0		0			0	0	0
Orange Coast College - Costa Mesa (528)	N/A	N/A	100%	N/A	100%	N/A	100%	100%	N/A	N/A	N/A	0%	90%	0%	0%
pass			1		2		2	4				0	9	0	0
fail			0		0		0	0				1	1	1	0
Palomar College - San Marcos (721)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	100%	100%	N/A	100%	100%	100%	0%
pass						1			2	2		2	7	4	0
fail						0			0	0		0	0	0	0
Pasadena City College (529)	N/A	N/A	N/A	N/A	N/A	0%	100%	N/A	100%	100%	100%	100%	83%	100%	0%
pass						0	1		1	1	1	1	5	3	0
fail						1	0		0	0	0	0	1	0	0
Pima Medical Institute - Chula Vista (871)	N/A	N/A	100%	0%	100%	75%	80%	100%	N/A	0%	0%	100%	68%	60%	0%
pass			1	0	1	3	4	1		0	0	3	13	3	0
fail			0	2	0	1	1	0		1	1	0	6	2	0

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Pima Medical Institute - San Marcos (1004)	N/A	N/A	N/A	100%	50%	100%	N/A	100%	100%	N/A	N/A	100%	89%
pass				1	1	2		1	1			2	8
fail				0	1	0		0	0			0	1
Reedley College (530)	N/A	N/A	N/A	N/A	0%	N/A	67%	100%	67%	100%	67%	N/A	76%
pass					0		2	4	2	3	2		13
fail					1		1	0	1	0	1		4
Riverside County Office of Education - Indio (921)	N/A	N/A	0%	0%	N/A	100%	N/A	100%	N/A	N/A	N/A	N/A	60%
pass			0	0		2		1					3
fail			1	1		0		0					2
Riverside County Regional Occupational Program (498)	N/A	100%	N/A	N/A	67%	50%	100%	N/A	100%	N/A	N/A	N/A	80%
pass		1			2	1	3		1				8
fail		0			1	1	0		0				2
Sacramento City College (532)	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass			1										1
fail			0										0
San Bernardino County Regional Occupational Program - Hesperia (454)	100%	100%	100%	N/A	N/A	100%	100%	N/A	100%	100%	50%	67%	86%
pass	1	2	6			1	1		1	1	1	4	18
fail	0	0	0			0	0		0	0	1	2	3
San Diego Mesa College (533)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass												2	2
fail												0	0
San Joaquin Valley College - Bakersfield (601)	N/A	N/A	0%	100%	50%	100%	N/A	50%	100%	N/A	50%	0%	64%
pass			0	1	1	1		1	4		1	0	9
fail			1	0	1	0		1	0		1	1	5
San Joaquin Valley College - Fresno (602)	N/A	100%	75%	100%	100%	50%	100%	0%	N/A	N/A	100%	83%	84%
pass		2	3	2	6	1	1	0			2	10	27
fail		0	1	0	0	1	0	1			0	2	5
San Joaquin Valley College - Hesperia (998)	N/A	100%	N/A	N/A	100%	100%	100%	75%	N/A	100%	100%	N/A	95%
pass		1			3	5	5	3		2	1		20
fail		0			0	0	0	1		0	0		1
San Joaquin Valley College - Temecula (919)	N/A	100%	N/A	0%	N/A	67%	90%	100%	75%	50%	100%	100%	86%
pass		2		0		2	9	6	3	1	3	4	30
fail		0		1		1	1	0	1	1	0	0	5
San Joaquin Valley College - Visalia (446)	N/A	50%	100%	N/A	N/A	100%	75%	0%	100%	N/A	100%	N/A	75%
pass		1	2			1	3	0	1		1		9
fail		1	0			0	1	1	0		0		3
San Jose City College - San Jose (535)	100%	100%	100%	100%	50%	100%	N/A	N/A	N/A	100%	N/A	100%	93%
pass	1	4	1	2	1	2				1		2	14
fail	0	0	0	0	1	0				0		0	1
Santa Rosa Junior College - Santa Rosa (538)	100%	0%	50%	100%	N/A	100%	80%	100%	100%	100%	100%	N/A	82%
pass	1	0	1	1		1	4	3	1	1	1		14
fail	0	1	1	0		0	1	0	0	0	0		3
Shasta/Trinity Regional Occupational Program (455)	N/A	N/A	100%	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass			1		1								2
fail			0		0								0
Southern California Regional Occupational Center - Torrance (612)	N/A	100%	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass		1			1							1	3
fail		0			0							0	0

100%	0%
2	0
0	0
83%	0%
5	0
1	0
0%	0%
0	0
0	0
0%	0%
0	0
0	0
67%	0%
6	0
3	0
100%	0%
2	0
0	0
33%	0%
1	0
2	0
86%	0%
12	0
2	0
100%	100%
2	1
0	0
100%	67%
6	2
0	1
100%	0%
1	0
0	0
100%	0%
2	0
0	0
0%	0%
0	0
0	0
100%	0%
1	0
0	0

RDA GENERAL AND LAW AND ETHICS WRITTEN EXAMINATION SCHOOL STATISTICS

United Education Institute - Anaheim (916)	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	100%	100%	N/A	100%	100%	0%
pass							1			1	1		3	2	0
fail							0			0	0		0	0	0
United Education Institute - Bakersfield (926)	N/A	0%	0%	67%	60%	67%	N/A	67%	50%	33%	100%	0%	50%	50%	0%
pass		0	0	2	3	2		2	1	1	1	0	12	2	0
fail		1	1	1	2	1		1	1	2	0	2	12	2	2
United Education Institute - Chula Vista (879)	N/A	0%	67%	100%	60%	40%	40%	0%	0%	100%	33%	67%	51%	50%	67%
pass		0	2	1	3	2	2	0	0	2	1	6	19	4	5
fail		1	1	0	2	3	3	1	2	0	2	3	18	2	3
United Education Institute - El Monte (909)	N/A	100%	50%	N/A	N/A	N/A	100%	100%	N/A	N/A	N/A	50%	75%	100%	0%
pass		1	1				1	2				1	6	1	0
fail		0	1				0	0				1	2	0	1
United Education Institute - Encino (453)	N/A	100%	50%	100%	25%	50%	67%	0%	0%	N/A	60%	100%	50%	67%	80%
pass		1	2	1	1	1	2	0	0		3	3	14	2	4
fail		0	2	0	3	1	1	4	1		2	0	14	1	1
United Education Institute - Fresno (927)	N/A	N/A	N/A	67%	100%	N/A	N/A	25%	0%	0%	0%	29%	30%	20%	20%
pass				2	1			1	0	0	0	2	6	1	1
fail				1	0			3	2	2	1	5	14	4	4
United Education Institute - Gardena (915)	N/A	N/A	N/A	100%	N/A	0%	100%	N/A	100%	N/A	N/A	50%	67%	50%	0%
pass				1		0	1		1			1	4	1	0
fail				0		1	0		0			1	2	1	0
United Education Institute - Huntington Park (448)	N/A	N/A	100%	50%	33%	50%	0%	33%	50%	N/A	75%	17%	38%	60%	25%
pass			1	2	2	1	0	2	1		3	1	13	3	1
fail			0	2	4	1	3	4	1		1	5	21	2	4
United Education Institute - Los Angeles (449)	N/A	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	0%	N/A	N/A	0%	0%	0%
pass				0						0			0	0	0
fail				1						1			2	0	1
United Education Institute - Ontario (450)	N/A	N/A	100%	0%	100%	N/A	N/A	N/A	0%	0%	N/A	N/A	40%	0%	0%
pass			1	0	1				0	0			2	0	0
fail			0	1	0				1	1			3	0	1
United Education Institute - Riverside (917)	N/A	100%	75%	100%	50%	50%	100%	N/A	N/A	100%	N/A	N/A	79%	100%	0%
pass		1	3	3	1	1	1			1			11	1	0
fail		0	1	0	1	1	0			0			3	0	0
United Education Institute - Sacramento (1006)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	50%	0%	100%
pass												1	1	0	1
fail												1	1	1	0
United Education Institute - San Diego (451)	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	N/A	N/A	N/A	100%	100%	100%	0%
pass					1		1					1	3	1	0
fail					0		0					0	0	0	0
United Education Institute - San Marcos (918)	N/A	N/A	100%	0%	50%	67%	25%	0%	100%	0%	0%	N/A	41%	0%	0%
pass			2	0	1	2	1	0	1	0	0		7	0	0
fail			0	1	1	1	3	2	0	1	1		10	0	2
United Education Institute - Stockton (925)	N/A	0%	75%	20%	0%	50%	60%	50%	N/A	100%	N/A	0%	43%	0%	33%
pass		0	3	1	0	3	3	1		1		0	12	0	1
fail		2	1	4	1	3	2	1		0		2	16	0	2
Unitek - Concord (994)	N/A	N/A	N/A	50%	0%	100%	100%	100%	100%	50%	N/A	67%	69%	50%	100%
pass				1	0	1	1	2	1	1		2	9	2	1
fail				1	1	0	0	0	0	1		1	4	2	0

RDA GENERAL AND LAW AND ETHICS WRITTEN EXAMINATION SCHOOL STATISTICS

Unitek - Sacramento (924)	N/A	0%	N/A	N/A	100%	0%	100%	100%	100%	N/A	100%	33%	60%
pass		0			1	0	1	1	1		1	1	6
fail		1			0	1	0	0	0		0	2	4
Unitek - San Jose (995)	N/A	N/A	100%	N/A	N/A	N/A	N/A	100%	100%	100%	N/A	N/A	100%
pass			1					1	1	1			4
fail			0					0	0	0			0
University of California, Los Angeles - Extension (803)	N/A	N/A	N/A	N/A	0%	0%	N/A	0%	N/A	N/A	N/A	N/A	0%
pass					0	0		0					0
fail					1	1		1					3
West Los Angeles College (1001)	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	100%
pass							2						2
fail							0						0
National (ADA) Out of State	N/A	N/A	100%	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%
pass			1	2								1	4
fail			0	0								0	0
Work Experience	50%	70%	70%	70%	76%	63%	72%	51%	46%	74%	58%	72%	66%
pass	4	23	46	49	44	41	59	31	21	25	35	59	437
fail	4	10	20	21	14	24	23	30	25	9	25	23	228
Mixed Education and Work Experience	N/A	50%	71%	77%	55%	71%	74%	50%	56%	50%	55%	0%	65%
pass		4	12	10	6	12	17	8	9	2	10	10	100
fail		4	5	3	5	5	6	5	7	2	8	4	54
PERCENT PASS	64%	61%	74%	72%	72%	69%	76%	61%	61%	67%	66%	71%	69%
TOTAL PASS	9	67	138	130	125	140	187	121	89	81	134	192	1,413
TOTAL FAIL	5	43	49	51	49	64	60	76	57	40	70	79	643

50%	0%
2	0
2	0
100%	0%
1	0
0	0
0%	0%
0	0
0	0
0%	0%
0	0
100%	0%
1	0
0	0
81%	40%
96	23
23	34
74%	38%
17	5
6	8
79%	43%
331	76
89	100

*The totals for the First Time and Repeat Test Takers only includes those that tested in 2021

RDAEF WRITTEN EXAMINATION SCHOOL STATISTICS

Program	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Total	YTD First Time Testers	YTD Repeat Testers
Central California Dental Academy (011)	0%	100%	N/A	N/A	100%	100%	N/A	N/A	N/A	100%	100%	100%	89%	100%	0%
pass	0	1			2	2				1	1	1	8	3	0
fail	1	0			0	0				0	0	0	1	0	0
Dental Career Institute (008)	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	0%
pass						2							2	0	0
fail						0							0	0	0
Dental Specialties Institute (013)	50%	50%	67%	67%	100%	100%	N/A	N/A	100%	N/A	100%	N/A	75%	100%	100%
pass	1	2	2	2	3	2			1		2		15	1	1
fail	1	2	1	1	0	0			0		0		5	0	0
Expanded Functions Dental Assistants Assoc. (004)	N/A	100%	N/A	N/A	50%	100%	100%	N/A	100%	0%	0%	N/A	88%	0%	100%
pass		1			1	6	5		1	0	1		15	0	1
fail		0			1	0	0		0	1	0		2	1	0
Howard Healthcare Academy (009)	N/A	N/A	N/A	100%	0%	67%	100%	N/A	100%	N/A	100%	N/A	75%	100%	0%
pass				1	0	2	1		1		1		6	1	0
fail				0	1	1	0		0		0		2	0	0
J Productions (005)	N/A	N/A	100%	67%	78%	88%	100%	N/A	N/A	N/A	N/A	N/A	86%	0%	0%
pass			1	2	7	7	7						24	0	0
fail			0	1	2	1	0						4	0	0
Loma Linda University (007)	N/A	N/A	N/A	100%	100%	83%	100%	N/A	100%	N/A	100%	N/A	92%	100%	0%
pass				1	1	5	3		1		1		12	1	0
fail				0	0	1	0		0		0		1	0	0
The FADE Institute, Inc. (010)	N/A	N/A	N/A	N/A	N/A	N/A	50%	86%	100%	83%	N/A	N/A	83%	100%	50%
pass							1	6	3	5			15	4	1
fail							1	1	0	1			3	0	1
University of the Pacific (006)	N/A	N/A	N/A	N/A	100%	100%	80%	100%	0%	100%	N/A	N/A	88%	0%	100%
pass					1	11	4	5	0	1			22	0	1
fail					0	0	1	0	2	0			3	0	0
PERCENT PASS	33%	66%	67%	75%	79%	92%	91%	92%	78%	78%	100%	100%	85%	91%	80%
TOTAL PASS	1	4	3	6	15	37	21	11	7	7	6	1	119	10	4
TOTAL FAIL	2	2	1	2	4	3	2	1	2	2	0	0	21	1	1

*The totals for the First Time and Repeat Test Takers only includes those that tested in 2021

OA WRITTEN EXAMINATION SCHOOL STATISTICS

Program	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	YTD Total	YTD First Time Testers	YTD Repeat Testers
Howard Healthcare Academy, LLC (084)	N/A	N/A	0%	N/A	N/A	N/A	50%	0%	100%	0%	0%	0%	25%	0%	0%
pass			0				1	0	1	0	0	0	2	0	0
fail			1				1	1	0	1	1	1	6	3	0
M. John Redmond, DDS MS Inc. (024)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	0%	0%	0%
pass												0	0	0	0
fail												1	1	1	0
Kanwar Sachdeva, DDS (070)	N/A	N/A	0%	N/A	N/A	0%	N/A	N/A	0%	N/A	0%	N/A	0%	0%	0%
pass			0			0			0		0		0	0	0
fail			1			1			1		1		4	0	1
Loma Linda University, School of Dentistry (090)	N/A	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	0%	0%
pass				0									0	0	0
fail				1									1	0	0
Markhan Orthodontics (093)	0%	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	0%	0%
pass	0			0									0	0	0
fail	1			1									2	0	0
Mark Holt Orthodontics (060)	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	0%	0%
pass			1										1	0	0
fail			0										0	0	0
Monterey Bay Orthodontics (151)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	100%	100%	0%
pass										1			1	1	0
fail										0			0	0	0
OC Dental Specialists (128)	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	0%	33%	0%	0%
pass					1							0	1	0	0
fail					0							2	2	1	1
Orthoworks Dental Group, Dr. David Shen (043)	N/A	N/A	N/A	N/A	0%	0%	0%	0%	N/A	N/A	N/A	N/A	0%	10%	0%
pass					0	0	0	0					0	0	0
fail					1	1	2	1					5	0	0
Pasadena City College (011)	N/A	N/A	N/A	0%	N/A	100%	N/A	N/A	N/A	N/A	N/A	100%	67%	100%	0%
pass				0		1						1	2	1	0
fail				1		0						0	1	0	0
Riverside County Office of Education (087)	N/A	N/A	N/A	N/A	0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	0%	0%
pass					0								0	0	0
fail					1								1	0	0
Samra Low Orthodontics (156)	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	100%	N/A	N/A	N/A	100%	0%	0%
pass		1							1				2	0	0
fail		0							0				0	0	0
Southern California Orthodontic Assisting School (149)	N/A	N/A	50%	0%	67%	0%	33%	0%	33%	100%	33%	0%	33%	25%	67%
pass			1	0	2	0	1	0	1	2	1	0	8	1	2
fail			1	1	1	3	2	2	2	0	2	2	16	3	1
Steven Lee Orthodontics (091)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	100%	100%	0%
pass												1	1	1	0
fail												0	0	0	0
The FADE Institute, Inc. (137)	100%	100%	100%	N/A	100%	0%	100%	75%	N/A	N/A	100%	N/A	89%	100%	100%
pass	1	2	2		1	0	5	3			3		17	2	1
fail	0	0	0		0	1	0	1			0		2	0	0
Toth and Torossian Partnership (110)	N/A	N/A	N/A	N/A	N/A	0%	N/A	0%	0%	100%	N/A	N/A	25%	0%	100%
pass						0		0	0	1			1	0	1
fail						1		1	1	0			3	0	0
Touni Orthodontics Dental Practice (134)	N/A	0%	N/A	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	0%	0%
pass		0		1									1	0	0
fail		1		0									1	0	0

DSA WRITTEN EXAMINATION SCHOOL STATISTICS

Program	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Total
Dr. H. Mark Cox, DDS (008)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
Dr. Bruce Whitcher (009)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
Dr. Ned Nix (004)	N/A	100%	100%	N/A	33%	100%	100%	0%	0%	N/A	N/A	N/A	78%
pass		2	2		1	1	1						7
fail		0	0		2	0	0						2
Michael P. Morrissette, DDS (016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
Robert E. Bell, DDS, Inc. (017)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
pass													0
fail													0
Steven Miyamoto, DDS (019)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
Dental Specialties Institute (028)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
Robert Charles McIntosh (043)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pass													0
fail													0
PERCENT PASS	0%	100%	100%	0%	33%	100%	100%	0%	0%	0%	0%	0%	78%
TOTAL PASS	0	2	2	0	1	1	1	0	0	0	0	0	7
TOTAL FAIL	0	0	0	0	2	0	0	0	0	0	0	0	2

YTD First Time Testers	YTD Repeat Testers
0%	0%
0	0
0	0
0%	0%
0	0
0	0
100%	0%
0	0
0	0
0%	0%
0	0
0	0
100%	0%
0	0
0	0
0%	0%
0	0
0	0



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Mirela Taran, Licensing Analyst Dental Board of California
SUBJECT	Agenda Item 8: Update on Dental Assisting Licensing Statistics

Dental Assistant License Application Statistics

The following tables provide monthly dental assistant license application statistics for fiscal years (FY) 2018/2019, 2019/2020, and 2020/2021 as of March 31, 2021.

Dental Assistant Applications Received by Month													
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	234	299	179	156	133	178	150	203	254	267	222	449	2,724
RDA 19/20	325	204	320	328	131	326	204	153	273	47	42	100	2,453
RDA 20/21	128	120	288	409	134	210	263	120	215	-	-	-	1,887
RDAEF 18/19	19	29	2	3	0	2	0	1	35	42	19	1	153
RDAEF 19/20	9	11	11	1	0	5	45	1	69	6	1	3	162
RDAEF 20/21	3	13	17	2	4	0	1	11	12	-	-	-	63
OA 18/19	44	26	27	12	16	31	15	43	50	32	28	27	351
OA 19/20	20	31	31	47	14	42	19	18	17	6	2	11	258
OA 20/21	14	16	15	21	9	25	10	15	28	-	-	-	153
DSA 18/19	0	1	1	0	1	0	1	0	0	1	0	0	5
DSA 19/20	0	0	5	0	0	0	1	0	2	2	0	2	10
DSA 20/21	0	0	1	0	0	0	1	1	0	-	-	-	3
Dental Assistant Applications Approved by Month													
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	259	242	204	226	202	166	122	162	181	182	131	161	2,238
RDA 19/20	339	316	213	235	195	216	126	239	80	209	106	105	2,379
RDA 20/21	65	47	248	188	69	89	261	239	219	-	-	-	1,425
RDAEF 18/19	7	21	13	13	7	1	0	0	33	41	17	0	153
RDAEF 19/20	2	0	11	20	2	1	17	31	1	6	0	0	91
RDAEF 20/21	36	19	23	17	1	5	2	3	19	-	-	-	125
OA 18/19	24	38	20	31	21	14	12	34	37	21	19	11	282
OA 19/20	26	19	37	26	23	17	23	24	7	25	10	5	242

Agenda Item 8: Update on Dental Assisting Licensing Statistics
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Dental Assistant Applications Approved by Month													
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Fem	Mar	Apr	May	Jun	Totals
OA 20/21	0	4	22	12	13	7	18	28	17	-	-	-	121
DSA 18/19	1	1	1	1	1	0	0	0	1	1	0	0	7
DSA 19/20	0	0	0	1	0	1	0	0	1	2	1	0	6
DSA 20/21	3	0	0	0	0	0	0	0	0	-	-	-	3
Dental Assistant Licenses Issued by Month													
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	293	216	228	223	204	205	193	117	149	202	106	192	2,328
RDA 19/20	217	184	245	252	248	294	185	146	104	27	51	81	2,034
RDA 20/21	179	19	263	90	215	67	87	124	204	-	-	-	1,248
RDAEF 18/19	3	24	4	3	8	1	0	0	32	14	2	70	161
RDAEF 19/20	7	20	3	12	7	2	2	12	11	0	1	1	78
RDAEF 20/21	1	2	0	0	1	1	0	0	0	-	-	-	5
OA 18/19	30	28	28	20	20	17	32	15	15	22	20	22	269
OA 19/20	18	28	18	25	29	17	19	12	16	5	8	10	205
OA 20/21	11	7	9	16	9	5	8	10	11	-	-	-	86
DSA 18/19	1	1	0	1	0	0	1	1	0	2	1	0	8
DSA 19/20	0	0	0	1	0	1	0	1	0	0	1	3	7
DSA 20/21	0	1	0	2	0	0	0	0	0	-	-	-	3
Cancelled Dental Assistant Applications by Month													
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	5	12	6	1	5	3	0	2	1	0	0	0	35
RDA 19/20	2	2	3	1	1	2	1	3	2	2	0	1	20
RDA 20/21	0	0	0	0	1	0	2	2	1	-	-	-	6
RDAEF 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
RDAEF 19/20	0	0	2	1	0	0	0	0	0	0	0	0	3
RDAEF 20/21	0	0	0	0	0	0	0	0	1	-	-	-	1
OA 18/19	0	1	1	0	0	2	0	0	0	0	0	0	4
OA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
OA 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0
DSA 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0
Withdrawn Dental Assistant Applications by Month													
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	14	19	11	9	20	13	0	0	0	0	0	0	86
RDA 19/20	0	2	1	0	2	42	0	5	2	5	1	0	60
RDA 20/21	1	0	6	9	1	2	2	0	2	-	-	-	23
RDAEF 18/19	0	0	0	0	1	0	0	0	0	0	0	0	1
RDAEF 19/20	0	0	0	0	0	0	0	1	0	0	0	0	1

Withdrawn Dental Assistant Applications by Month

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDAEF 20/21	0	0	0	1	0	0	0	0	0	-	-	-	1
OA 18/19	0	1	1	1	0	0	0	0	1	0	0	0	4
OA 19/20	0	0	0	0	1	0	0	0	1	0	1	0	3
OA 20/21	1	1	1	9	0	0	0	0	0	-	-	-	12
DSA 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 20/21	0	0	0	0	0	0	0	0	1	-	-	-	1

Denied Dental Assistant Applications by Month

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
RDA 18/19	0	0	0	0	0	0	2	1	1	0	0	0	4
RDA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
RDA 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0
RDAEF 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
RDAEF 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
RDAEF 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0
OA 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
OA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
OA 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0
DSA 18/19	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 19/20	0	0	0	0	0	0	0	0	0	0	0	0	0
DSA 20/21	0	0	0	0	0	0	0	0	0	-	-	-	0

Application Definitions

Received	Application submitted in physical form or digitally through Breeze system.
Approved	Application for eligibility of licensure processed with all required documentation.
License Issued	Application processed with required documentation and paid prorated fee for initial license.
Cancelled	Board requests staff to remove application (i.e. duplicate).
Withdrawn	Applicant requests Board to remove application
Denied	Applicant fails to provide requirements for licensure.

Dental Assistant License Status Statistics

The following table provides dental assistant license and permit status statistics for FY 2018/2019, 2019/2020, and 2020/2021 as of March 31, 2021.

License Type	License Status	FY 18/19	FY 19/20	FY 20/21
Registered Dental Assistant	Active	30,116	30,465	30,534
	Inactive	4,401	4,321	4,244
	Delinquent	11,471	11,636	11,657
	Cancelled	46,276	47,759	48,984
License Type	License Status	FY 18/19	FY 19/20	FY 20/21
Registered Dental Assistant in Expanded Functions	Active	1,542	1,584	1,550
	Inactive	72	75	73
	Delinquent	212	213	233
	Cancelled	323	350	370
License Type	License Status	FY 18/19	FY 19/20	FY 20/21
Orthodontic Assistant	Active	1,137	1,281	1,320
	Inactive	19	23	32
	Delinquent	109	158	192
	Cancelled	2	4	7
License Type	License Status	FY 18/19	FY 19/20	FY 20/21
Dental Sedation Assistant	Active	1,167	36	37
	Inactive	21	2	2
	Delinquent	125	15	17
	Cancelled	2	2	2

Definitions	
Active	An individual who has an active status and has completed all renewal requirements receives this status.
Inactive	An individual who has an inactive status; has paid the renewal fees but cannot perform the duties of the license unless the license is re-activated. Continuing education units are not required for inactive license renewal.
Delinquent	An individual who does not comply with renewal requirements receives this status until renewal requirements are met.
Cancelled	An individual who fails to comply with renewal requirements by a set deadline will receive this status. Total number of licenses / permits cancelled to date.



The following table provides statistics on population (pop.), current and active Registered Dental Assistant (RDA) licenses by county, pop. per RDA license by county for FY 2018/2019, 2019/2020, and 2020/2021 as of March 31, 2021.

County	RDA 18/19	Pop. 18/19	Pop. per RDA 18/19	DDS 18/19	RDA to DDS Ratio 18/19	RDA 19/20	Pop. 19/20	Pop. per RDA 19/20	DDS 19/20	RDA to DDS Ratio 19/20	RDA 20/21	Pop. 20/21	Pop. per RDA 20/21	DDS 20/21	RDA to DDS Ratio 20/21
Alameda	1,278	1,669,301	1,306	1,458	1:1	1,275	1,669,301	1,309	1,475	1:1	1,367	1,670,834	1,222	1,503	1:1
Alpine	0	1,162	N/A	1	0:1	1	1,162	N/A	1	1:1	0	1,142	N/A	1	0:1
Amador	61	38,294	627	22	3:1	59	38,294	649	23	3:1	73	37,676	516	23	3:1
Butte	271	226,466	836	141	2:1	263	226,466	861	130	2:1	279	210,291	753	126	2:1
Calaveras	56	45,117	806	16	4:1	59	45,117	764	17	3:1	69	45,023	652	18	4:1
Colusa	26	22,117	851	5	5:1	26	22,117	850	6	4:1	31	21,902	706	5	6:1
Contra Costa	1,303	1,155,879	887	1,093	1:1	1,284	1,155,879	900	1,117	1:1	1,378	1,153,561	837	1,117	1:1
Del Norte	28	27,401	979	11	3:1	29	27,401	944	13	2:1	29	27,298	941	14	2:1
El Dorado	226	191,848	849	161	1:1	227	191,848	845	160	1:1	251	193,227	769	164	2:1
Fresno	859	1,018,241	1,185	597	1:1	874	1,018,241	1,165	613	1:1	950	1,023,358	1,077	627	2:1
Glenn	49	29,132	595	9	6:1	45	29,132	647	10	5:1	53	29,400	554	10	5:1
Humboldt	172	135,333	787	69	2:1	168	135,333	805	70	2:1	178	133,302	748	64	3:1
Imperial	91	190,266	2,091	39	2:1	92	190,266	2,068	40	2:1	95	188,777	1,987	38	3:1
Inyo	12	18,593	1,549	12	1:1	13	18,593	1,430	11	1:1	11	18,584	1,689	9	1:1
Kern	612	916,464	1,497	336	2:1	628	916,464	1,459	360	2:1	717	917,553	1,279	354	2:1
Kings	135	153,710	1,139	64	2:1	139	153,710	1,105	67	2:1	151	153,608	1,017	64	2:1
Lake	78	65,071	834	46	2:1	84	65,071	774	46	2:1	112	64,040	571	44	3:1
Lassen	48	30,150	628	24	2:1	54	30,150	558	24	2:1	52	28,833	554	23	2:1
Los Angeles	4,682	10,253,716	2,190	8,342	1:2	4,776	10,253,716	2,146	8,426	1:2	5,337	10,172,951	1,906	8,479	1:2
Madera	138	159,536	1,156	53	3:1	133	159,536	1,199	45	3:1	149	158,147	1,061	43	3:1

County	RDA 18/19	Pop. 18/19	Pop. per RDA 18/19	DDS 18/19	RDA to DDS Ratio 18/19	RDA 19/20	Pop. 19/20	Pop. per RDA 19/20	DDS 19/20	RDA to DDS Ratio 19/20	RDA 20/21	Pop. 20/21	Pop. per RDA 20/21	DDS 20/21	RDA to DDS Ratio 20/21
Marin	192	262, 879	1,369	312	1:2	186	262, 879	1,413	310	1:2	194	260,831	1,344	306	1:2
Mariposa	14	18,068	1,291	7	2:1	13	18,068	1,389	7	2:1	16	18,067	1,129	7	2:1
Mendocino	100	89,009	890	56	2:1	103	89,009	864	53	2:1	119	87,946	739	53	2:1
Merced	232	282,928	1,220	90	3:1	249	282,928	1,136	93	3:1	264	283,521	1,073	91	3:1
Modoc	5	9,602	1,920	4	1:1	5	9,602	1,920	4	1:1	5	9,570	1,914	4	1:1
Mono	6	13,616	2,269	3	2:1	6	13,616	2,269	3	2:1	5	13,464	2,692	3	2:1
Monterey	403	445,414	1,105	268	1:1	400	445,414	1,113	263	2:1	442	441,143	998	262	2:1
Napa	142	140,779	991	112	1:1	149	140,779	944	115	1:1	162	139,088	858	114	1:1
Nevada	95	98, 904	1,041	87	1:1	94	98, 904	1,052	79	1:1	103	98,114	952	79	1:1
Orange	1,834	3,222,498	1,757	3,890	1:2	1,847	3,222,498	1,744	3,901	1:2	1,997	3,194,332	1,599	3,979	1:2
Placer	520	396, 691	763	463	1:1	509	396, 691	779	468	1:1	569	403,711	709	472	1:1
Plumas	21	19,779	942	1414	1:1	20	19,779	988	13	2:1	20	18,260	913	15	1:1
Riverside	2,024	2,440,124	1,206	14	2:1	2,089	2,440,124	1,168	1,102	2:1	2,326	2,442,304	1,050	1,122	2:1
Sacramento	1,718	1,546,174	900	1,058	2:1	1,679	1,546,174	920	1,109	2:1	1,888	1,555,365	823	1,156	2:1
San Benito	99	62,296	629	1,116	5:1	97	62,296	642	21	5:1	119	62,353	523	24	5:1
San Bernardino	1,548	2,192,203	1,416	21	1:1	1,620	2,192,203	1,353	1,352	1:1	1,754	2,180,537	1,243	1,368	1:1
San Diego	2,622	3,351,786	1,278	1,340	1:1	2,656	3,351,786	1,261	2,750	1:1	2,904	3,343,355	1,151	2,778	1:1
San Francisco	443	883,869	1,995	2,748	1:3	449	883,869	1,968	1,243	1:3	457	897,806	1,964	1,229	1:3
San Joaquin	772	770,385	998	1,237	2:1	771	770,385	999	370	2:1	904	773,632	855	377	2:1
San Luis	229	280,393	1,224	373	1:1	227	280,393	1,235	230	1:1	246	277,259	1,127	232	1:1
San Mateo	650	774,485	1,192	233	1:1	629	774,485	1,231	872	1:1	642	773,244	1,204	857	1:1
Santa Barbara	341	454,593	1,333	873	1:1	352	454,593	1,291	326	1:1	381	451,840	1,185	323	1:1
Santa Clara	1,673	1,954,286	1,168	320	1:1	1,707	1,954,286	1,144	2,270	1:1	1,803	1,961,969	1,088	2,289	1:1
Santa Cruz	232	274,871	1,185	2,273	1:1	232	274,871	1,184	175	1:1	254	271,233	1,067	166	2:1
Shasta	206	178,773	868	180	2:1	199	178,773	898	107	2:1	207	178,045	860	112	2:1

County	RDA 18/19	Pop. 18/19	Pop. per RDA 18/19	DDS 18/19	RDA to DDS Ratio 18/19	RDA 19/20	Pop. 19/20	Pop. per RDA 19/20	DDS 19/20	RDA to DDS Ratio 19/20	RDA 20/21	Pop. 20/21	Pop. per RDA 20/21	DDS 20/21	RDA to DDS Ratio 20/21
Sierra	4	3,213	803	113	4:1	5	3,213	642	1	5:1	5	3,201	640	1	5:1
Siskiyou	29	44,584	1,537	1	1:1	33	44,584	1,351	23	1:1	35	44,461	1,270	24	1:1
Solano	621	441,307	711	23	2:1	646	441,307	683	283	2:1	692	440,224	636	283	2:1
Sonoma	705	500,675	710	278	2:1	686	500,675	729	397	2:1	726	492,980	679	389	2:1
Stanislaus	594	558,972	941	279	2:1	596	558,972	937	275	2:1	677	557,709	823	269	3:1
Sutter	109	97,490	894	52	2:1	116	97,490	840	54	2:1	138	100,750	730	54	3:1
Tehama	76	64,387	847	28	2:1	86	64,387	748	27	3:1	99	65,129	657	28	4:1
Trinity	6	13,688	2,281	3	3:1	5	13,688	2,737	3	2:1	4	13,548	3,387	4	1:1
Tulare	440	479,112	1,089	213	2:1	457	479,112	1,048	218	2:1	485	479,977	989	228	2:1
Tuolumne	82	54,590	666	48	2:1	73	54,590	747	45	2:1	89	54,917	617	46	2:1
Ventura	545	856,598	1,571	663	2:1	544	856,598	1,574	670	1:1	626	842,886	1,346	674	1:1
Yolo	197	222,581	1,130	114	1:1	194	222,581	1,147	113	2:1	215	221,705	1,031	112	2:1
Yuba	83	77,916	939	11	2:1	90	77,916	865	8	11:1	107	78,887	737	7	15:1
TOTAL	29,737	38,235,536	65,861	32,817	N/A	30,048	38,235,536	65,431	32,007	N/A	32,961	39,782,870	59,022	32,263	N/A

*Population data obtained from Department of Finance, Demographic Research Unit

**Ratios are rounded to the nearest whole number

*The counties with the highest Population per RDA are:	Trinity County (1:2,709)	*The counties with the lowest Population per RDA are:	Alpine County (1:1,142)
	Mono County (1:2,692)		Amador County (1:523)
	Imperial County (1:1,966)		San Benito County (1:532)
	San Francisco County (1:1,934)		Lassen County (1:544)
	Modoc County (1:1,914)		Glenn County (1:554)



MEMORANDUM

DATE	April 30, 2021
TO	Members of the Dental Assisting Council Dental Board of California
FROM	Emilia Zuloaga, Dental Assisting Program Manager Dental Board of California
SUBJECT	Agenda Item 9: Discussion and Possible Action on Potential Amendments to Business and Professions Code Section 1750, Infection Control Course Requirements for Unlicensed Dental Assistants

Background

During the Dental Assisting Council (Council) meeting on February 25, 2021, the Council discussed the concerns raised to the Dental Board of California (Board) by Claudia Pohl, RDA, provided on behalf of the California Dental Assistants Association (CDAA), California Association of Dental Assisting Teachers (CADAT), and the Dental Assisting Educator's Group (DAEG) of California, regarding the standards currently found in Business and Professions Code (BPC) section 1750 as they relate to the infection control education requirements for unlicensed dental assistants.

Ms. Pohl stated BPC section 1750 allows an unlicensed dental assistant, who may have no background or knowledge in dentistry and/or infection control, to work in a dental office and participate in patient treatment and all facets of infection control without any infection control education or training for up to one year before needing to meet the requirement for infection control education. Additionally, Ms. Pohl expressed concern due to the COVID-19 pandemic. She commented that dental assistants play an essential role in infection control and prevention and need to have a solid base of knowledge prior to exposure, or potential exposure, to blood or other potentially infectious materials (OPIM).

Ms. Pohl had indicated that on May 7, 2020, the California Department of Public Health (CDPH) Occupational Safety and Health Administration's (OSHA) issued guidance for Resuming Deferred and Preventive Dental Care, in which they stated, "dental health care personnel (DHCP) are in the very high-risk category for exposure to SARS-CoV-2 virus that causes COVID-19 when they are performing certain aerosol generating procedures. This risk requires a level of heightened awareness, training, preparation, and adherence to a combination of standard and transmission-based precautions as appropriate to ensure the safe provision of care." Ms. Pohl stated current law does not reflect this need, and now more than ever, the education for infection control needs to be required before any risk of exposure to patients and dental healthcare workers and to prevent cross contamination.

Agenda Item 9: Discussion and Possible Action on Potential Amendments to Business and Professions Code Section 1750, Infection Control Course Requirements for Unlicensed Dental Assistants

Dental Assisting Council Meeting

April 30, 2021

Currently, BPC section 1750, subdivision (c), specifies the employer of a dental assistant is responsible for ensuring that the dental assistant, who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, a two-hour course in the Dental Practice Act, an eight-hour course in infection control, and a course in basic life support.

To resolve these concerns, Ms. Pohl suggested requiring the eight-hour infection control course to be completed prior to exposure to blood or OPIM to provide the level and quality of care that patients expect and deserve and protect the entire dental health team. Lastly, Ms. Pohl stated there is currently a Call to Action issued by the American Dental Assistants Association for a national minimum standard of education in infection control for the oral healthcare team.

The Council directed Board staff to provide current Board-approved Infection Control courses by geographic location and draft proposed language for the Council to discuss further.

Staff Recommendations

To resolve the concerns discussed above, a legislative amendment would be necessary. Based on the Council's February 25, 2021 meeting discussion, Board staff drafted four options, provided below, to amend BPC section 1750. As requested by the Council, attached is a list of the current Board-approved stand-alone courses in infection control.

Option 1: The intent of this option is to be the least restrictive to the dental assistant while providing appropriate consumer protection. This option would require a dental assistant to successfully complete the eight-hour infection control course before performing basic supportive dental procedures involving potential exposure to infectious materials. This option would allow a dental assistant to perform non-infectious supporting dental procedures, so as not to unduly burden the dental assistant with education requirements before being hired, but would protect the public by requiring the infection control course to be successfully completed by the dental assistant before performing supporting dental procedures involving exposure to infectious materials.

1750. (a) A dental assistant is an individual who, without a license, may perform basic supportive dental procedures, as authorized by Section 1750.1 and by regulations adopted by the board, under the supervision of a licensed dentist. "Basic supportive dental procedures" are those procedures that have technically elementary characteristics, are completely reversible, and are unlikely to precipitate potentially hazardous conditions for the patient being treated.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform the basic supportive dental procedures, as authorized by Section 1750.1.

(c) The employer of a dental assistant shall be responsible for ensuring that the dental assistant has successfully completed a board-approved eight-hour course in infection control prior to performing any basic supportive dental

procedures involving potential exposure to blood, saliva, or other potentially infectious materials.

(~~ed~~) The employer of a dental assistant shall be responsible for ensuring that the dental assistant, who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, all of the following within a year of the date of employment:

(1) A board-approved two-hour course in the Dental Practice Act.

~~(2) A board-approved eight-hour course in infection control.~~

~~(3) A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent and that provides the student the opportunity to engage in hands-on simulated clinical scenarios.~~

(~~ed~~) The employer of a dental assistant shall be responsible for ensuring that the dental assistant maintains certification in basic life support.

Option 2: This option would require a dental assistant to complete the eight-hour course in infection control within 30 days of employment. This option would require the infection control course to be completed sooner than current law, within 30 days instead of one year of the date of employment, and the dental assistant would be able to provide basic supportive dental procedures involving potential exposure to infectious materials before being required to complete the infection control training.

1750. (a) A dental assistant is an individual who, without a license, may perform basic supportive dental procedures, as authorized by Section 1750.1 and by regulations adopted by the board, under the supervision of a licensed dentist. "Basic supportive dental procedures" are those procedures that have technically elementary characteristics, are completely reversible, and are unlikely to precipitate potentially hazardous conditions for the patient being treated.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform the basic supportive dental procedures, as authorized by Section 1750.1.

(c) The employer of a dental assistant shall be responsible for ensuring that the dental assistant has completed a board-approved eight-hour course in infection control within 30 days of employment.

(~~ed~~) The employer of a dental assistant shall be responsible for ensuring that the dental assistant, who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, all of the following within a year of the date of employment:

(1) A board-approved two-hour course in the Dental Practice Act.

~~(2) A board-approved eight-hour course in infection control.~~

~~(3) A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent and that provides the student the opportunity to engage in hands-on simulated clinical scenarios.~~

~~(d) The employer of a dental assistant shall be responsible for ensuring that the dental assistant maintains certification in basic life support.~~

Option 3: This option would require a dental assistant to complete the eight-hour course in infection control within 90 days of employment. This option would require the infection control course to be completed sooner than current law, within 90 days instead of one year of the date of employment, and the dental assistant would be able to provide basic supportive dental procedures involving potential exposure to infectious materials before being required to complete the infection control training.

1750. (a) A dental assistant is an individual who, without a license, may perform basic supportive dental procedures, as authorized by Section 1750.1 and by regulations adopted by the board, under the supervision of a licensed dentist. "Basic supportive dental procedures" are those procedures that have technically elementary characteristics, are completely reversible, and are unlikely to precipitate potentially hazardous conditions for the patient being treated.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform the basic supportive dental procedures, as authorized by Section 1750.1.

(c) The employer of a dental assistant shall be responsible for ensuring that the dental assistant has completed a board-approved eight-hour course in infection control within 90 days of employment.

~~(d) The employer of a dental assistant shall be responsible for ensuring that the dental assistant, who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, all of the following within a year of the date of employment:~~

~~(1) A board-approved two-hour course in the Dental Practice Act.~~

~~(2) A board-approved eight-hour course in infection control.~~

~~(3) A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent and that provides the student the opportunity to engage in hands-on simulated clinical scenarios.~~

~~(de)~~ The employer of a dental assistant shall be responsible for ensuring that the dental assistant maintains certification in basic life support.

Option 4: This option would require a dental assistant to complete the eight-hour course in infection control within six months of employment. This option would require the infection control course to be completed sooner than current law, within six months instead of one year of the date of employment, and the dental assistant would be able to provide basic supportive dental procedures involving potential exposure to infectious materials before being required to complete the infection control training.

1750. (a) A dental assistant is an individual who, without a license, may perform basic supportive dental procedures, as authorized by Section 1750.1 and by regulations adopted by the board, under the supervision of a licensed dentist. "Basic supportive dental procedures" are those procedures that have technically elementary characteristics, are completely reversible, and are unlikely to precipitate potentially hazardous conditions for the patient being treated.

(b) The supervising licensed dentist shall be responsible for determining the competency of the dental assistant to perform the basic supportive dental procedures, as authorized by Section 1750.1.

(c) The employer of a dental assistant shall be responsible for ensuring that the dental assistant has completed a board-approved eight-hour course in infection control within six months of employment.

~~(ed)~~ The employer of a dental assistant shall be responsible for ensuring that the dental assistant, who has been in continuous employment for 120 days or more, has already successfully completed, or successfully completes, all of the following within a year of the date of employment:

(1) A board-approved two-hour course in the Dental Practice Act.

~~(2) A board-approved eight-hour course in infection control.~~

~~(3)~~ A course in basic life support offered by an instructor approved by the American Red Cross or the American Heart Association, or any other course approved by the board as equivalent and that provides the student the opportunity to engage in hands-on simulated clinical scenarios.

~~(de)~~ The employer of a dental assistant shall be responsible for ensuring that the dental assistant maintains certification in basic life support.

Action Requested

The Council is asked to consider the above legislative proposals to amend BPC section 1750. If the Council determines a legislative amendment to BPC section

1750 is appropriate, the Council is asked to consider a motion to recommend the specific legislative proposal to the Board for its consideration.

Attachment: List of current Board-approved stand-alone courses in infection control

**Dental Board of California
Approved Infection Control Courses**

Approval Number	Provider	City
Northern		
IC024	Carrington College California - Antioch	Antioch
IC146	Contra Costa Medical Career College	Antioch
IC101	Horizon College	Brentwood
IC121	Marla Rocha	Carmichael
IC016	Butte County ROP	Chico
IC020	Carrington College California - Citrus Heights	Citrus Heights
IC133	Frontier Dental Care	Concord
IC070	Mt. Diablo Adult Education	Concord
IC109	Unitek College-Concord	Concord
IC018	Leslie Canham & Associates	Copperopolis
IC045	Dental Specialties Institute Inc.	Cupertino
IC138	Indigo Career College	Danville
IC046	Central Sierra ROP / Dental Careers Program	El Dorado
IC063	The FADE Institute	El Dorado Hills
IC061	Gavilan College - 8 was Santa Clara County ROP	Gilroy
IC032	Eden Area ROP	Hayward
IC089	Jody Thompson	Lafayette
IC062	La Clinica de la Raza	Oakland
IC025	Carrington College California - Pleasant Hill	Pleasant Hill
IC031	Shasta Trinity ROP	Redding
IC087	Redwood City Dental	Redwood City
IC035	Anthem College	Sacramento
IC019	Carrington College California - Sacramento	Sacramento
IC033	Dentassist	Sacramento
IC003	J Productions	Sacramento
IC116	RDA4U	Sacramento
IC106	Unitek College	Sacramento
IC022	Carrington College California - San Jose	San Jose
IC103	Eloise Reed Seminars - formerly Tooth Fairy Systems, Inc.	San Jose
IC093	May I Help You?	San Jose
IC064	Silicon Valley Career Technical Education Center (was Central County Occupational Center)	San Jose
IC114	Unitek College - San Jose	San Jose
IC021	Carrington College California - San Leandro	San Leandro
IC112	Gurnick Academy of Medical Arts	San Mateo
IC118	Dental Assistant School of San Pablo - Vacaville	San Pablo
IC108	Bay Area Dental Assisting Institute	San Ramon
IC090	Santa Rosa Junior College	Santa Rosa
IC094	Lake Tahoe Community College	South Lake Tahoe
IC015	Blake Austin College	Vacaville
IC115	Dental Auxiliaries of California	Walnut Creek
Central		
IC069	Dental Advantage	Atwater
IC091	San Mateo County ROP	Burlingame
IC149	Accelerated Dental Assisting Academy	Fresno
IC037	San Joaquin Valley College - Fresno	Fresno
IC151	Wayne I. Kodama Institute of Dental Assisting	Fresno
IC150	Dental Assisting Institute	Fresno
IC102	Kingsburg School of Dental Assisting	Kingsburg
IC144	Ordemy	Menlo Park
IC068	Dental Assisting Institute	Modesto
IC125	Gurnick Academy of Medical Arts	Modesto
IC029	College of Marin - Indian Valley Campus	Novato
IC023	Carrington College California - Stockton	Stockton
IC039	San Joaquin Valley College - Visalia	Visalia
Southern		
IC145	Evergreen Dental	Alhambra
IC047	American Career College - Anaheim	Anaheim
IC147	North Orange County ROP	Anaheim

Southern

IC095	Southland Dental/Lin Dental Corporation	Anaheim
IC137	High Desert Medical College - Bakersfield	Bakersfield
IC036	San Joaquin Valley College - Bakersfield	Bakersfield
IC105	UEI College - Bakersfield	Bakersfield
IC143	Central California Dental Academy	Bakersfield
IC148	Kern High School District ROP	Bakersfield
IC083	My Dentist School for Dental Assisting	Bell
IC098	Ventura County Office of Education, Career Education Center ROP	Camarillo
IC074	Charter College - Canyon Country	Canyon Country
IC124	California Healing Arts College	Carson
IC135	ABC Adult School	Cerritos
IC129	Southern California Orthodontic Assisting School	Corona
IC097	Coastline Regional Occupational Program	Costa Mesa
IC028	Orange Coast College	Costa Mesa
IC096	West Los Angeles College	Culver City
IC001	Downey Adult School	Downey
IC120	American Dental Academy	East Los Angeles
IC056	Newbridge College San Diego - East	El Cajon
IC077	The Valley School for Dental Assisting	Encino
IC111	Fullerton Dental Assistant School	Fullerton
IC055	Concorde Career College	Garden Grove
IC034	Hesperia Unified School District formerly - Hesperia Alternative Center - San Bernardino County ROP	Hesperia
IC059	Dental Career Institute	Huntington Beach
IC065b	Riverside County Office of Ed/School of Career Education	Indio
IC088	Career Care Institute - Lancaster	Lancaster
IC073	Charter College - Lancaster	Lancaster
IC131	High Desert Medical College - Lancaster	Lancaster
IC113	Academy of Evolution in Dental Assisting	Lawndale
IC076	Charter College - Long Beach	Long Beach
IC060	American Career College - LA	Los Angeles
IC123	CBD College	Los Angeles
IC072	Los Angeles Dental Society	Los Angeles
IC119	Los Angeles School of Dental Assisting	Los Angeles
IC053	UCLA School of Dentistry	Los Angeles
IC099	Inland Dental Academy	Murrieta
IC050	Concorde Career College - North Hollywood	North Hollywood
IC130	Norwalk La Mirada Adult School	Norwalk
IC048	American Career College - Ontario	Ontario
IC085	Punjabi Dental Society	Ontario
IC066	Western Dental Services, Inc.	Orange
IC104	Career Care Institute	Oxnard
IC084	Charter College - Oxnard	Oxnard
IC004	Expanded Functions Dental Assistant Association	Palm Desert
IC134	National Career College	Panorama City
IC132	HealthCare Career College	Paramount
IC100	American Dental and Medical Institute	Pasadena
IC080	Intenational Career College	Pasadena
IC030	Pasadena City College	Pasadena
IC152	Lollipop Pediatric Dentistry	Placentia
IC086	Ohanian Dental Corporation	Reseda
IC065a	Riverside County Office of Ed/School of Career Education	Riverside
IC127	Tzu Chi Dental Institute	S. El Monte
IC052	Concorde Career College - San Bernardino	San Bernardino
IC081	California Dental Certifications	San Diego
IC054	Concorde Career College - San Diego	San Diego
IC142	Dental Fundamentals Continuing Education	San Diego
IC092	Howard Healthcare Academy-The Super Dentists School of Dental Assisting	San Diego
IC057	Professional Dental Enterprises	San Diego
IC058	San Diego County Dental Society	San Diego
IC044	San Diego Mesa College	San Diego
IC128	Healthcare Skills Development Institute	San Gabriel
IC014	Palomar College	San Marcos
IC043	Allan Hancock College	Santa Maria

Southern

IC049	Grossmont Health Occupation Center	Santee
IC141	OC Dental Specialists - Stanton	Stanton
IC026	Dental Pros - Temecula	Temecula
IC082	Dental Pros - Temecula (Mobile Course)	Temecula
IC140	High Desert Medical College - Temecula	Temecula
IC017	Southern Calif Regional Occupational Center	Torrance
IC139	California Dental Institute	Tustin
IC122	OC Dental Specialists	Tustin
IC136	The OP Dental Learning Community	Tustin
IC075	San Bernardino County ROP - Morongo Unified School District	Twentynine Palms
IC110	Kairos Career College	Upland
IC117	California Institute of Dental Education	Ventura
IC126	Dental Educators	West Covina
IC078	Orange County Dental Careers	Westminster
IC027	Tri-Cities, Regional Occupational Program	Whittier