colorado health
INSTITUTE

2006 Colorado Dentist Workforce Survey

Codebook and Variable Frequencies Report – Research File

Informing Policy. Advancing Health.

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INTRODUCTION

The Colorado Health Institute (CHI) serves as an independent, nonpartisan source of health information and policy analysis. With funding from The Colorado Trust, CHI is building a comprehensive health professions database for the purpose of informing health workforce policy in Colorado.

A series of profession-specific databases has been constructed to complement administrative sources of health professions data. From these databases, CHI has developed a set of indicators that will document changes over time in health care workforce supply, demand and practice patterns in Colorado communities. A database download function has been developed to enable visitors to the CHI Web site to download health professions data and customize reports by profession and geographic region. This project is a cooperative effort between CHI and representatives of the surveyed health professions, including pharmacists, physicians, nurses and dental hygienists.

2006 COLORADO DENTIST WORKFORCE SURVEY

Methods

The survey was administered by mail and Internet between March 15 and September 18, 2006. A tailored-designed mixed-mode methodology was used that included a two-wave mail protocol, with the survey available on the Internet as well. The first wave included mailing a complete survey packet (cover letter and survey questionnaire) on March 15, 2006, to all individuals who held an active license to practice as a dentist in Colorado (N=4,427). The survey forms were mailed to the contact address in each licensee's file at the Colorado Department of Regulatory Agencies. This address may have been the dentist's home or practice location. Due to undeliverable returned mail, the number of dentists presumed to have received the form was 4,394. A total of 1,125 dentists responded.

On April 14, 2006, a second mailing went out that included a complete survey packet with both a cover letter and questionnaire. In each wave, the Internet address to gain access to the survey online was included in the cover letter and on the questionnaire. A total of 701 questionnaires were returned from a second wave. The Colorado Dental Association also announced the survey in its newsletter. Those dentists choosing to complete the survey on the Internet were asked to provide the tracking number from the survey to avoid duplication of responses.

Response rate

CHI received survey responses from a total of 1,826 dentists, or about 42 percent of those who were mailed a survey form. There were 540 responses from dentists who work or live out of state. The following table exhibits the final survey disposition as well as the respondents compared to the Colorado dentist population.

Final Disposition	Number
Surveys mailed out	4,427
Undeliverable/returned	33
Eligible sample	4,394
Returned completed questionnaires 1st wave	1,125
Returned completed questionnaires 2nd wave	701
Return Rate	41.56%

Survey questionnaires submitted to CHI in paper format were entered using Microsoft Access (N=1,666). In addition, 160 survey forms were electronically submitted to CHI via an online survey tool. With the paper forms, CHI selected 59 (5%) for data entry reliability analysis. The reliability of data entry was 99 percent or better across all survey variables. Data verification and cleaning were conducted with a series of electronic business rule quality checks using SAS to ensure data completeness and adherence to formatting protocols. See Appendix A (p. 125) for the business rules.

Survey limitations
The degree to which findings of the survey sample can be generalized to the total Colorado dentist population is not known because of the following limitations:
- The survey sample was not randomly drawn from the dentist population,
- The response rate was 42 percent, and
- Nonresponders could not be tracked on enough dimensions to examine responder bias.

Therefore, the data could not be weighted to account for the nonresponse rate.

Because of these limitations, it is not possible to generalize the survey findings to Colorado's dentist population. Yet, in spite of the potential biases introduced by those who chose to return a completed survey form versus those who did not, it is still the case that 1,826 dentists licensed in Colorado chose to participate in the 2006 survey.

As a point of reference, Appendix B (p. 127) displays a matrix that delineates a series of demographic findings gleaned from the 2005 Dentist Survey, and also demographic findings from the licensure database of the Department of Regulatory Agencies.

To minimize potential biases in the future, the dentist survey will be mailed to a smaller, stratified random sample of dentists licensed to practice in Colorado. By limiting the number surveyed, the anticipated response rate would be greater due to more aggressive follow up and better tracking of population characteristics such as dentists practicing in rural areas of the state. This strategy will minimize bias and maximize the representativeness of the sample to the entire licensed dentist population in Colorado.

RESEARCH DATA FILE
This codebook documents the variables contained in the research data file from the 2006 CHI Colorado Dentist Workforce Survey. The data file contains 221 variables and 1,826 records – one record per respondent.

CHI health workforce data files are available for research, analysis and aggregate statistical reporting only. Because responder confidentiality was ensured by CHI, data analysis should not be conducted with the purpose of identifying individual survey respondents, either directly or by inference.

Users of any CHI health workforce data file should cite the data in the following way for any public release of the data or its subsequent analysis: "Source: The 2006 Colorado Dentist Workforce Survey data were supplied by the Colorado Health Institute, which specifically disclaims responsibility for any analyses, interpretations or conclusions it has not provided."

To better understand the analytical capacity of the data file, CHI hopes that interested individuals and organizations using the data file will share their analysis and findings with CHI by contacting Michael Boyson at 303.831.4200 x 207, or by e-mail at boysonm@coloradohealthinstitute.org.

Technical information
The research data file is released as a pipe-delimited .txt file. There is a separate readme.txt file that contains instructions for code for SAS users.

Codebook structure
The survey questionnaire is shown on pp. 5-6. The questionnaire was organized into four sections:

- Section A: Education
- Section B: Licensing/Certification
- Section C: Employment
- Section D: General Information

The codebook lists variable labels in the order that corresponding questions appear on the questionnaire, including a variable name description. The last set of variables described is derived from existing variables to provide users with a greater breadth of information.

The derived variables include:
- GRAD_NUMYRS_GROUP: Years since graduating from dental school (p. 108)
- GRAD_NUMYRS: Years since graduating from dental school (p. 108)
- GRAD_AGE_GROUP: Age at graduation from dental school (p. 109)
- GRAD_AGE: Age at graduation from dental school (p. 109)
- PG_SPEC_NUMYRS_GROUP: Years since completing specialty training (p. 110)
- PG_SPEC_NUMYRS: Years since completing specialty training (p. 110)
- PG_SPEC_AGE_GROUP: Age at completion of specialty training (p. 111)
- PG_SPEC_AGE: Age at completion of specialty training (p. 111)
- AGE_GROUP: Age in 2006 (p. 121)
- AGE: Age in 2006 (p. 121)
- Urban/rural classifications of Colorado ZIP Codes of:
  - TWOYRS_URBAN: Primary dental position in March 2004 (p. 112)
  - PRIMARY_URBAN: Primary dental location in March 2006 (p. 115)
  - SECONDARY_URBAN: Secondary dental location in March 2006 (p. 118)
  - HOME_URBAN: Residence in 2006 (p. 122)
- City of Colorado ZIP Codes of:
  - TWOYRS_CITY: Primary dental position in March 2004 (p. 112)
  - PRIMARY_CITY: Primary dental location in March 2006 (p. 115)
  - SECONDARY_CITY: Secondary dental position in March 2006 (p. 118)
  - HOME_CITY: Residence in 2006 (p. 122)
- County of Colorado ZIP Codes of:
  - TWOYRS_COUNTY: Primary dental position in March 2004 (p. 113)
  - PRIMARY_COUNTY: Primary dental position in March 2006 (p. 116)
  - SECONDARY_COUNTY: Secondary dental position in March 2006 (p. 119)
  - HOME_COUNTY: Residence in 2006 (p. 123)
- State of ZIP Codes of:
  - TWOYRS_STATE: Primary dental position in March 2004 (p. 113)
  - PRIMARY_STATE: Primary dental position in March 2006 (p. 116)

- SECONDARY_STATE: Secondary dental position in March 2006 (p. 119)
- HOME_STATE: Residence in 2006 (p. 123)

- RUCA codes of Colorado ZIP Codes of:
  - TWOYRS_RUCA2: Primary dental position in March 2004 (p. 114)
  - PRIMARY_RUCA2: Primary dental position in March 2006 (p. 117)
  - SECONDARY_RUCA2: Secondary dental position in March 2006 (p. 120)
  - HOME_RUCA2: Residence in 2006 (p. 124)
- FIPS codes of Colorado ZIP Codes of:
  - TWOYRS_FIPS Primary dental position in March 2004 (p. 114)
  - PRIMARY_FIPS: Primary dental position in March 2006 (p. 117)
  - SECONDARY_FIPS: Secondary dental position in March 2006 (p. 120)
  - HOME_FIPS: Residence in 2006 (p. 124)

Confidentiality assurances
To maintain respondent confidentiality, certain data elements were grouped into a grouped response in the codebook but are available in the research data file for researchers only:
- GRAD_YR: Year graduated from dental school (p. 14)
- BIRTH_YR: Year of birth (p. 106)
- Derived Variable – GRAD_NUMYRS_GROUP: Years since graduating from dental school (p. 108)
- Derived Variable – GRAD_AGE_GROUP and GRAD_AGE: Age at graduation from dental school (p. 109)
- Derived Variable – PGSPEC_NUMYRS_GROUP and PGSPEC_NUMYRS: Years since completing specialty training (p. 110)
- Derived Variable – PGSPEC_AGE_GROUP and PGSPEC_AGE: Age at completion of specialty training (p. 111)
- Derived Variable – AGE_GROUP and AGE: Age in 2006 (p. 121)

Data elements at the ZIP Code level were grouped into rural/urban classifications. Rural/Urban Commuting Area (RUCA) codes were used to classify rural and urban areas. RUCA codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. The following derived variables use the RUCA methodology:

- Derived Variable – TWOYRS_URBAN: Primary dental position in March 2004 (p. 112)
- Derived Variable – PRIMARY_URBAN: Primary dental position in March 2006 (p. 115)
- Derived Variable – SECONDARY_URBAN: Secondary dental position in March 2006 (p. 118)
- Derived Variable – HOME_URBAN: Residence in 2006 (p. 122)

For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

For more information, contact:
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2006 DENTISTS SURVEY

Survey Form Number __ __ __ __

To complete form online . . .
Open your internet browser and type: http://www.ColoradoHealthInstitute.org/dentist2006.html ➔ Type the number shown at the top of this sheet ➔ Complete survey online ➔ Click "submit" button when you are finished.

This survey is a joint project, for workforce research purposes, between the Colorado Health Institute (CHI), the Colorado Dental Association, and the University of Colorado School of Dentistry. Your name is not on the form and answers are confidential.

Please complete the form online, or return the questionnaire in the provided envelope or fax it to 303.831.4247. Thank you for your assistance in this important survey. If you have any questions, please contact Pamela F. Dinkfelt, PhD, at CHI at 303.831.4200, ext. 218, or via email at dinkfeltp@coloradohealthinstitute.org.

SECTION A. EDUCATION

1. Print name of **dental school** attended, **year graduated**, and **state** in which dental school is located:

   _____
   DENTAL SCHOOL

   ___ ___ ___ ___   ___ ___   _____
   YEAR GRADUATED   STATE   (COUNTRY IF NOT US)

2. Indicate **degrees** completed: (mark **all** that apply)

   ❑ DDS   ❑ DMD   ❑ MD   ❑ PHD

3a. After graduation from dental school, did you complete **specialty training?** ❑ YES   ❑ NO (Skip to Section B)
   ↙
3b. Print **city** and **state of training**, and **year completed**:

   _____
   CITY

   ___ ___   _____   ___ ___ ___ ___
   STATE   COUNTRY IF NOT US   YEAR COMPLETED

SECTION B. LICENSING/ CERTIFICATION

1. Indicate all healthcare licenses you have **ever held** (mark **all** that apply):

   ❑ DENTAL HYGIENE   ❑ DENTAL   ❑ MEDICAL
   ❑ OTHER (SPECIFY) _____

2. As of March 2006, list all **states** in which you are **actively licensed in dentistry** (indicate **all** that apply):

   ___ ___   ___ ___   ___ ___   ___ ___   ___ ___   ___ ___
   STATE   STATE   STATE   STATE   STATE   STATE

3. As of March 2006, indicate **specialties** in which you are **board certified** (mark **all** that apply):

   ❑ ENDODONTICS   ❑ DENTAL PUBLIC HEALTH
   ❑ ORTHODONTICS   ❑ ORAL AND MAXILLOFACIAL PATHOLOGY
   ❑ PEDIATRIC DENTISTRY ❑ ORAL AND MAXILLOFACIAL RADIOLOGY
   ❑ PERIODONTICS   ❑ ORAL AND MAXILLOFACIAL SURGERY
   ❑ PROSTHODONTICS

SECTION C. EMPLOYMENT

1a. Were you **licensed** in dentistry **two years ago** – in **March 2004**?

   ❑ YES   ❑ NO (Skip to 3a)
   ↙
1b. If yes, were you **working** in dentistry in **March 2004**?

   ❑ YES   ❑ NO (Skip to 3a)
   ↙
2. Print the **zip code** of the work site of your **primary dentistry position** in March 2004:

   ___ ___ ___ ___ ___   _____
   ZIP CODE   COUNTRY IF NOT US

3a. Are you currently **working** in dentistry (as of **March 2006**)?
   ❑ YES (Skip to 4)   ❑ NO
   ↙
3b. If no, **are you?** (mark one):

   ❑ UNEMPLOYED / LOOKING   ❑ RETIRED / NOT LOOKING
   ❑ UNEMPLOYED / NOT LOOKING   ❑ WORKING IN ANOTHER FIELD

3c. If no, what are the **reasons** you are **not working** in dentistry? (mark **all** that apply)

   ❑ DIFFICULT TO FIND A DENTISTRY POSITION
   ❑ HOURS MORE CONVENIENT IN OTHER FIELD
   ❑ BETTER SALARIES IN OTHER FIELD
   ❑ POOR OR NO HEALTH BENEFITS
   ❑ FIND OTHER POSITION MORE REWARDING
   ❑ CONCERN ABOUT SAFETY IN HEALTH CARE ENVIRONMENT
   ❑ WORK-RELATED ALLERGY (SPECIFY):_____
   ❑ WORK-RELATED INJURY (SPECIFY):_____
   ❑ DISABILITY / HEALTH REASONS
   ❑ HOME/FAMILY
   ❑ RETIREMENT
   ❑ OTHER (SPECIFY):_____

If you are not currently working in dentistry, skip to Section D

4. As of March 2006, indicate the **number** of **different locations** you currently work in dentistry: ❑ 1   ❑ 2   ❑ 3   ❑ 4 OR MORE

5. As of March 2006, indicate **zip code** and **percentage** of time worked at your **current primary location** and, if applicable, your **secondary location**:

PRIMARY LOCATION	SECONDARY LOCATION
___ ___ ___ ___ ___	___ ___ ___ ___ ___
ZIP CODE	ZIP CODE
___ ___	___ ___
% TIME	% TIME

6a. Is the **location** of your primary dental work site in **Colorado**?
   ❑ YES (Skip to 7)   ❑ NO
   ↙
6b. If no, indicate **reasons** for working **outside** Colorado: (mark **all** that apply)

   ❑ PROFESSIONAL OPPORTUNITY   ❑ BETTER PAY
   ❑ PROMOTION   ❑ SCHOOL
   ❑ GEOGRAPHIC ENVIRONMENT   ❑ COST OF LIVING
   ❑ FAMILY   ❑ MILITARY
   ❑ OTHER (SPECIFY):_____

6c. If no, indicate **reasons** for **maintaining** a Colorado license: (mark **all** that apply)

   ❑ PERIODICALLY PRACTICE IN COLORADO
   ❑ EXPECT TO RETURN TO COLORADO TO LIVE
   ❑ PAPERWORK INVOLVED IN OBTAINING NEW COLORADO LICENSE
   ❑ COST OF OBTAINING NEW COLORADO LICENSE
   ❑ OTHER (SPECIFY):_____

7. Do you **own** your own practice?

	PRIMARY	SECONDARY
	❑ YES ❑ NO	❑ YES ❑ NO

PLEASE TURN FORM OVER ➔

SECTION C. EMPLOYMENT (continued)

8. What best describes the **work setting** of your **current primary and secondary** dental positions (as of March 2006):

	PRIMARY (mark **one**)	SECONDARY (mark **one**)
SOLO DENTAL PRACTICE	❑	❑
GROUP DENTAL PRACTICE	❑	❑
MULTI-SPECIALTY CLINIC	❑	❑
PUBLIC HEALTH AGENCY	❑	❑
COMMUNITY HEALTH AGENCY	❑	❑
VOLUNTEER CLINIC	❑	❑
LONG-TERM CARE / NURSING HOME	❑	❑
HOSPITAL	❑	❑
ACADEMIC / UNIVERSITY / COLLEGE	❑	❑
DENTAL-RELATED MANUFACTURING	❑	❑
MANAGED CARE / INSURANCE	❑	❑
OTHER (SPECIFY):_____	❑	❑

9. In your current **dental positions**, **are you?**

	PRIMARY (mark **one**)	SECONDARY (mark **one**)
IN THE MILITARY	❑	❑
FEDERAL OR STATE EMPLOYEE	❑	❑
EMPLOYEE OF ORGANIZATION	❑	❑
EMPLOYEE OF EMPLOYMENT AGENCY	❑	❑
SELF-EMPLOYED	❑	❑

10. What **term(s)** best corresponds to the **title(s)** of your current dental positions:

	PRIMARY (mark **all** that apply)	SECONDARY (mark **all** that apply)
PRACTICING DENTIST	❑	❑
MANAGER / DIRECTOR	❑	❑
CONSULTANT	❑	❑
EDUCATOR / FACULTY	❑	❑
RESEARCHER	❑	❑
RESIDENT / FELLOW	❑	❑
OTHER (SPECIFY)_____	❑	❑

11. Indicate **focus areas** of your current **dental-related work**:

	PRIMARY (mark **all** that apply)	SECONDARY (mark **all** that apply)
GENERAL DENTISTRY	❑	❑
COSMETIC	❑	❑
GERIATRICS	❑	❑
IMPLANTOLOGY	❑	❑
TEMPORAL MANDIBULAR DISORDER	❑	❑
ENDODONTICS	❑	❑
FORENSIC	❑	❑
ORAL PATHOLOGY	❑	❑
ORAL RADIOLOGY	❑	❑
ORAL SURGERY	❑	❑
ORTHODONTICS	❑	❑
PEDIATRICS	❑	❑
PERIODONTICS	❑	❑
PROSTHODONTICS	❑	❑
PUBLIC HEALTH	❑	❑

12. Indicate **type of equipment** used in your work setting to **remove amalgam particles** from wastewater:

	PRIMARY (mark **all** that apply)	SECONDARY (mark **all** that apply)
CHAIR SIDE TRAP	❑	❑
CHAIR SIDE TRAP & SECONDARY FILTER	❑	❑
AMALGAM SEPARATOR	❑	❑
OTHER (SPECIFY)_____	❑	❑
NOT APPLICABLE	❑	❑

13. Indicate **years/months** you have **worked** in your current dental positions:

PRIMARY	SECONDARY
___ ___ YEARS, ___ ___ MONTHS	___ ___ YEARS, ___ ___ MONTHS

14. Indicate **years** you plan to **continue to work** in dentistry: (mark **one**)

❑ LESS THAN 5　❑ 6-10　❑ 11-15　❑ MORE THAN 15　❑ UNKNOWN

15a. Do you **currently** have **health insurance** (March 2006)?
❑ YES　❑ NO

15b. Were you **offered** health insurance by your employer?
❑ YES　❑ NO (Skip to 16)
↙
15c. Did you **accept** the **health insurance** offered by your employer?
❑ YES　❑ NO

16. What was your **gross annual salary** for **all dental-related** employment in calendar year **2005**? (mark one)

❑ $0 (DID NOT WORK IN DENTISTRY IN 2005)
❑ LESS THAN $50,000　　　　❑ $200,000 to $249,999
❑ $50,000 to $99,999　　　　❑ $250,000 to $299,999
❑ $100,000 to $149,999　　　❑ $300,000 to $349,999
❑ $150,000 to $199,999　　　❑ $350,000 OR MORE

17a. Do you **provide free or charity care**? ❑ YES　❑ NO (Skip to 18)
↙
17b. If yes, estimate the **average amount** you donate each **month**:

❑ UNDER $500　❑ $501-$1,000　❑ $1,001-$1,500　❑ MORE THAN $1,500

18. **FOR ALL DENTAL POSITIONS COMBINED, IN A ONE-WEEK PERIOD, GENERALLY:**

a. How many **total hours** do you **work for pay**?

TOTAL HOURS: ___ ___ ___

b. What **percentage** of your **work time** do you spend in the following area

DIRECT PATIENT CARE . . . . _____

DENTAL-RELATED ACADEMIC TEACHING / RESEARCH . . . . _____

ATTENDING DENTAL-RELATED TRAINING INCLUDING CONTINUING ED. . _____

OTHER DENTAL-RELATED ACTIVITIES (E.G., ADMINISTRATIVE DUTIES) . . . . . . _____

TOTAL (PERCENTAGE MUST TOTAL 100%). **100%**

19. **Rate** each statement as it applies to your work in dentistry as of **March 2006** [1=disagree → 5=agree]: (mark **one** box per statement)

a. IF I WERE BEGINNING COLLEGE TODAY,
I WOULD CHOOSE DENTISTRY . . . . 1❑　2❑　3❑　4❑　5❑

b. I WOULD RECOMMEND DENTISTRY TO A
FRIEND OR FAMILY MEMBER . . . . 1❑　2❑　3❑　4❑　5❑

20. **Mark yes, no, or not applicable (N/A)** as it applies to primary and secondary worksites:

	PRIMARY	SECONDARY
a. ACCEPT NEW PATIENTS	YES❑ NO❑ N/A❑	YES❑ NO❑ N/A❑
b. PROVIDE CARE TO MEDICAID PATIENTS	YES❑ NO❑ N/A❑	YES❑ NO❑ N/A❑
c. ACCEPT NEW MEDICAID PATIENTS	YES❑ NO❑ N/A❑	YES❑ NO❑ N/A❑
d. PROVIDE CARE TO CHP PATIENTS	YES❑ NO❑ N/A❑	YES❑ NO❑ N/A❑
e. ACCEPT NEW CHP PATIENTS	YES❑ NO❑ N/A❑	YES❑ NO❑ N/A❑

SECTION D. GENERAL INFORMATION

1. In what **state** did you grow up? (please print)

_____　_____
STATE　　COUNTRY IF NOT US

2. The **community** in which you grew up was: (mark one)
❑ URBAN　❑ SUBURBAN　❑ RURAL

3a. Do you **speak** a **language** in addition to English? ❑ YES　❑ NO (Skip to 4)
↙
3b. If yes, indicate **language(s)**: (Mark **all** that apply):

❑ FRENCH　❑ SPANISH　❑ SIGN LANGUAGE
❑ OTHER (SPECIFY):_____

4. **Ethnicity/Race** (mark **all** that apply)

❑ AMERICAN INDIAN OR ALASKA NATIVE
❑ ASIAN
❑ BLACK OR AFRICAN AMERICAN
❑ HISPANIC OR LATINO
❑ NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
❑ WHITE

5. **Gender:**　❑ FEMALE　❑ MALE

6. **Year of Birth:** ___ ___ ___ ___

7. **Current home zip code:** ___ ___ ___ ___ ___

LISTING OF VARIABLES

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1.	GRAD_SCH	Name of dental school
A1.	GRAD_YR	Year graduated from dental school
A1.	GRAD_STATE	State where dental school is located
A1.	GRAD_CTRY	Country where dental school is located, if not US
A2.	DEGR_DDS	Educational degree completed: DDS
A2.	DEGR_DMD	Educational degree completed: DMD
A2.	DEGR_MD	Educational degree completed: MD
A2.	DEGR_PHD	Educational degree completed: PHD
A3a.	POSTGRAD_SPEC	Specialty training completed after dental school graduation
A3b.	POSTGRAD_SPEC_CITY	City where specialty training was completed
A3b.	POSTGRAD_SPEC_STATE	State where specialty training was completed
A3b.	POSTGRAD_SPEC_CTRY	Country where specialty training was completed, if not US
A3b.	POSTGRAD_SPEC_YR	Year specialty training was completed
B1.	LIC_DH	Health care licenses ever held: Dental hygiene
B1.	LIC_DENT	Health care licenses ever held: Dental
B1.	LIC_MED	Health care licenses ever held: Medical
B1.	LIC_OTHER	Health care licenses ever held: Other
B1.	LIC_OTHDESC	Health care licenses ever held: Other (Specify)
B2_1.	STATE1_LIC	As of March 2006, states in which actively licensed - First state
B2_2.	STATE2_LIC	As of March 2006, states in which actively licensed - Second state
B2_3.	STATE3_LIC	As of March 2006, states in which actively licensed - Third state
B2_4.	STATE4_LIC	As of March 2006, states in which actively licensed - Fourth state
B2_5.	STATE5_LIC	As of March 2006, states in which actively licensed - Fifth state
B2_6.	STATE6_LIC	As of March 2006, states in which actively licensed - Sixth state
B3.	BCERT_ENDO	Board certification as of March 2006: Endodontics
B3.	BCERT_ORTHO	Board certification as of March 2006: Orthodontics
B3.	BCERT_PEDS	Board certification as of March 2006: Pediatric dentistry
B3.	BCERT_PERIO	Board certification as of March 2006: Periodontics
B3.	BCERT_PROST	Board certification as of March 2006: Prosthodontics
B3.	BCERT_PUBH	Board certification as of March 2006: Dental public health
B3.	BCERT_OMP	Board certification as of March 2006: Oral and maxillofacial pathology
B3.	BCERT_OMR	Board certification as of March 2006: Oral and maxillofacial radiology
B3.	BCERT_OMS	Board certification as of March 2006: Oral and maxillofacial surgery
C1a.	TWOYRS_LIC	Licensed in dentistry in March 2004
C1b.	TWOYRS_WORKED	Working in dentistry in March 2004
C2.	TWOYRS_ZIP	ZIP Code of primary dentistry position in March 2004
C2.	TWOYRS_CTRY	Country of primary dentistry position in March 2004, if not US
C3a.	WORK_CURRENT	Currently working in dentistry as of March 2006

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3b.	EMPL_STATUS	If not working in a dentistry position: Employment status in March 2006
C3c.	RSN_NOTWRK_DIFFICULT	Reason for not working in a dentistry position: Difficult to find a dentistry position
C3c.	RSN_NOTWRK_HRS	Reason for not working in a dentistry position: Hours more convenient in other field
C3c.	RSN_NOTWRK_SALARY	Reason for not working in a dentistry position: Better salaries in other field
C3c.	RSN_NOTWRK_BENEFIT	Reason for not working in a dentistry position: Poor or no health benefits
C3c.	RSN_NOTWRK_REWARD	Reason for not working in a dentistry position: Other position more rewarding
C3c.	RSN_NOTWRK_SAFETY	Reason for not working in a dentistry position: Concern about safety in health care environment
C3c.	RSN_NOTWRK_ALLERGY	Reason for not working in a dentistry position: Work-related allergy
C3c.	RSN_NOTWRK_ALLERGY_DESC	Reason for not working in a dentistry position: Work-related allergy (Specify)
C3c.	RSN_NOTWRK_INJURY	Reason for not working in a dentistry position: Work-related injury
C3c.	RSN_NOTWRK_INJURY_DESC	Reason for not working in a dentistry position: Work-related injury (Specify)
C3c.	RSN_NOTWRK_DISABLE	Reason for not working in a dentistry position: Disability/health reasons
C3c.	RSN_NOTWRK_HOMEFAMILY	Reason for not working in a dentistry position: Home/family
C3c.	RSN_NOTWRK_RETIRE	Reason for not working in a dentistry position: Retirement
C3c.	RSN_NOTWRK_OTHER	Reason for not working in a dentistry position: Other
C3c.	RSN_NOTWRK_OTHDESC	Reason for not working in a dentistry position: Other (Specify)
C4.	LOCATION_COUNT	Number of different work locations in March 2006
C5.	PRIMARY_ZIP	ZIP Code of primary dental position in March 2006
C5.	PRIMARY_PCT	Percentage of time worked at primary dental position in March 2006
C5.	SECONDARY_ZIP	ZIP Code of secondary dental position in March 2006
C5.	SECONDARY_PCT	Percentage of time worked at secondary dental location in March 2006
C6a.	PRIMARY_CO	Location of primary dental work site in Colorado
C6b	RSN_OUTCO_PROF	Reason for working outside Colorado: Professional opportunity
C6b.	RSN_OUTCO_PROMO	Reason for working outside Colorado: Promotion
C6b.	RSN_OUTCO_GEOG	Reason for working outside Colorado: Geographic environment
C6b.	RSN_OUTCO_FAMILY	Reason for working outside Colorado: Family
C6b.	RSN_OUTCO_PAY	Reason for working outside Colorado: Better pay
C6b.	RSN_OUTCO_SCH	Reason for working outside Colorado: School
C6b.	RSN_OUTCO_COST	Reason for working outside Colorado: Cost of living
C6b.	RSN_OUTCO_MILITARY	Reason for working outside Colorado: Military
C6b.	RSN_OUTCO_OTHER	Reason for working outside Colorado: Other
C6b.	RSN_OUTCO_OTHDESC	Reason for working outside Colorado: Other (Specify)

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_PERIODPRAC	Reason for maintaining a Colorado license: Periodically practice in Colorado
C6c.	RSN_COLIC_RETURN	Reason for maintaining a Colorado license: Expect to return to Colorado to live
C6c.	RSN_COLIC_PAPERWORK	Reason for maintaining a Colorado license: Paperwork involved in obtaining new Colorado license
C6c.	RSN_COLIC_COST	Reason for maintaining a Colorado license: Cost of obtaining new Colorado license
C6c.	RSN_COLIC_OTHER	Reason for maintaining a Colorado license: Other
C6c.	RSN_COLIC_OTHDESC	Reason for maintaining a Colorado license: Other (Specify)
C7.	OWNPRAC_PRIMARY	Own practice at primary dental location
C7.	OWNPRAC_SECONDARY	Own practice at secondary dental location
C8.	FACILITY_PRIMARY	Work setting of primary dental position in March 2006
C8.	FACILITY_PRIMARY_OTHDESC	Work setting of primary dental position in March 2006 (Specify)
C8.	FACILITY_SECONDARY	Work setting of secondary dental position in March 2006
C8.	FACILITY_SECONDARY_OTHDESC	Work setting of secondary dental position in March 2006 (Specify)
C9.	CATEGORY_PRIMARY	Organizational auspices of primary dental position
C9.	CATEGORY_SECONDARY	Organizational auspices of secondary dental position
C10.	TITLE_PRIMARY_PRACDENT	Title of primary dental position: Practicing dentist
C10.	TITLE_PRIMARY_MGRDIR	Title of primary dental position: Manager/director
C10.	TITLE_PRIMARY_CONSLT	Title of primary dental position: Consultant
C10.	TITLE_PRIMARY_EDUC	Title of primary dental position: Educator/faculty
C10.	TITLE_PRIMARY_RSCHR	Title of primary dental position: Researcher
C10.	TITLE_PRIMARY_RESD	Title of primary dental position: Resident/fellow
C10.	TITLE_PRIMARY_OTHER	Title of primary dental position: Other
C10.	TITLE_PRIMARY_OTHDESC	Title of primary dental position: Other (Specify)
C10.	TITLE_SECONDARY_PRACDENT	Title of secondary dental position: Practicing dentist
C10.	TITLE_SECONDARY_MGRDIR	Title of secondary dental position: Manager/director
C10.	TITLE_SECONDARY_CONSLT	Title of secondary dental position: Consultant
C10.	TITLE_SECONDARY_EDUC	Title of secondary dental position: Educator/faculty
C10.	TITLE_SECONDARY_RSCHR	Title of secondary dental position: Researcher
C10.	TITLE_SECONDARY_RESD	Title of secondary dental position: Resident/fellow
C10.	TITLE_SECONDARY_OTHER	Title of secondary dental position: Other
C10.	TITLE_SECONDARY_OTHDESC	Title of secondary dental position: Other (Specify)
C11	SPECIALTY_PRIMARY_GEN	Focus area of primary dental-related work: General dentistry
C11.	SPECIALTY_PRIMARY_COSM	Focus area of primary dental-related work: Cosmetic
C11.	SPECIALTY_PRIMARY_GER	Focus area of primary dental-related work: Geriatrics
C11.	SPECIALTY_PRIMARY_IMPLANT	Focus area of primary dental-related work: Implantology
C11.	SPECIALTY_PRIMARY_TMD	Focus area of primary dental-related work: Temporal mandibular disorder
C11.	SPECIALTY_PRIMARY_ENDO	Focus area of primary dental-related work: Endodontics
C11.	SPECIALTY_PRIMARY_FORS	Focus area of primary dental-related work: Forensic
C11.	SPECIALTY_PRIMARY_ORALPATH	Focus area of primary dental-related work: Oral pathology

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ORALRAD	Focus area of primary dental-related work: Oral radiology
C11.	SPECIALTY_PRIMARY_ORALSURG	Focus area of primary dental-related work: Oral surgery
C11.	SPECIALTY_PRIMARY_ORTHO	Focus area of primary dental-related work: Orthodontics
C11.	SPECIALTY_PRIMARY_PEDS	Focus area of primary dental-related work: Pediatrics
C11.	SPECIALTY_PRIMARY_PERIO	Focus area of primary dental-related work: Periodontics
C11.	SPECIALTY_PRIMARY_PROST	Focus area of primary dental-related work: Prosthodontics
C11.	SPECIALTY_PRIMARY_PUBH	Focus area of primary dental-related work: Public health
C11.	SPECIALTY_SECONDARY_GEN	Focus area of secondary dental-related work: General dentistry
C11.	SPECIALTY_SECONDARY_COSM	Focus area of secondary dental-related work: Cosmetic
C11.	SPECIALTY_SECONDARY_GER	Focus area of secondary dental-related work: Geriatrics
C11.	SPECIALTY_SECONDARY_IMPLANT	Focus area of secondary dental-related work: Implantology
C11.	SPECIALTY_SECONDARY_TMD	Focus area of secondary dental-related work: Temporal mandibular disorder
C11.	SPECIALTY_SECONDARY_ENDO	Focus area of secondary dental-related work: Endodontics
C11.	SPECIALTY_SECONDARY_FORS	Focus area of secondary dental-related work: Forensic
C11.	SPECIALTY_SECONDARY_ORALPATH	Focus area of secondary dental-related work: Oral pathology
C11.	SPECIALTY_SECONDARY_ORALRAD	Focus area of secondary dental-related work: Oral radiology
C11.	SPECIALTY_SECONDARY_ORALSURG	Focus area of secondary dental-related work: Oral surgery
C11.	SPECIALTY_SECONDARY_ORTHO	Focus area of secondary dental-related work: Orthodontics
C11.	SPECIALTY_SECONDARY_PEDS	Focus area of secondary dental-related work: Pediatrics
C11.	SPECIALTY_SECONDARY_PERIO	Focus area of secondary dental-related work: Periodontics
C11.	SPECIALTY_SECONDARY_PROST	Focus area of secondary dental-related work: Prosthodontics
C11.	SPECIALTY_SECONDARY_PUBH	Focus area of secondary dental-related work: Public health
C12.	EQUIP_PRIMARY_CST	Equipment used for amalgam removal at primary work setting: Chair side trap
C12.	EQUIP_PRIMARY_CSTSF	Equipment used for amalgam removal at primary work setting: Chair side trap and secondary filter
C12.	EQUIP_PRIMARY_AMALSEP	Equipment used for amalgam removal at primary work setting: Amalgam separator
C12.	EQUIP_PRIMARY_OTHER	Equipment used for amalgam removal at primary work setting: Other
C12.	EQUIP_PRIMARY_OTHDESC	Equipment used for amalgam removal at primary work setting: Other (Specify)
C12.	EQUIP_PRIMARY_NA	Equipment used for amalgam removal at primary work setting: Not applicable
C12.	EQUIP_SECONDARY_CST	Equipment used for amalgam removal at secondary work setting: Chair side trap
C12.	EQUIP_SECONDARY_CSTSF	Equipment used for amalgam removal at secondary work setting: Chair side trap and secondary filter
C12.	EQUIP_SECONDARY_AMALSEP	Equipment used for amalgam removal at secondary work setting: Amalgam separator
C12.	EQUIP_SECONDARY_OTHER	Equipment used for amalgam removal at secondary work setting: Other
C12.	EQUIP_SECONDARY_OTHDESC	Equipment used for amalgam removal at secondary work setting: Other (Specify)

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_NA	Equipment used for amalgam removal at secondary work setting: Not applicable
C13.	LGTH_SVC_TOT_PRIMARY	Length of service at primary position (calculated total months)
C13.	LGTH_SVC_TOT_SECONDARY	Length of service at secondary position (calculated total months)
C14.	CONT_WORK_RANGE	Years plan to continue to work in dentistry
C15a.	HLTH_INS	Have health insurance as of March 2006
C15b.	HLTH_INS_OFFER	Offered health insurance by employer
C15c.	HLTH_INS_ACCEPT	Accepted health insurance offered by employer
C16.	INCOME	Gross annual salary for all dental-related employment in 2005
C17a.	CHARITY	Provides free or charity care
C17b.	CHARITY_AMT	Average amount of free or charity care donated each month
C18a.	ONEWK_HRS	Hours worked for pay in a one-week period
C18b.	PCT_CARE	Percentage of work time spent in direct patient care
C18b.	PCT_TEACH_RES	Percentage of work time spent in dental-related academic teaching/research
C18b.	PCT_TRAIN_EDUC	Percentage of work time attending dental-related training
C18b.	PCT_ACTVT	Percentage of work time spent in other dental-related activities
C19a.	RATE_BEG_COLLEGE	Beginning college today, respondent would choose dentistry
C19b.	RATE_RECOMMEND	Respondent would recommend dentistry to a friend or family member
C20a.	ACCEPT_NEW_PTS_PRIMARY	Primary worksite: Accepts new patients
C20b.	SERVE_MCAID_PRIMARY	Primary worksite: Provides care to Medicaid patients
C20c.	ACCEPT_NEW_MCAID_PRIMARY	Primary worksite: Accepts new Medicaid patients
C20d.	SERVE_CHP_PRIMARY	Primary worksite: Provides care to CHP patients
C20e.	ACCEPT_NEW_CHP_PRIMARY	Primary worksite: Accepts new CHP patients
C20a.	ACCEPT_NEW_PTS_SECONDARY	Secondary worksite: Accepts new patients
C20b.	SERVE_MCAID_SECONDARY	Secondary worksite: Provides care to Medicaid patients
C20c.	ACCEPT_NEW_MCAID_SECONDARY	Secondary worksite: Accepts new Medicaid patients
C20d.	SERVE_CHP_SECONDARY	Secondary worksite: Provides care to CHP patients
C20e.	ACCEPT_NEW_CHP_SECONDARY	Secondary worksite: Accepts new CHP patients
D1.	GREWUP_STATE	State where respondent grew up
D1.	GREWUP_CTRY	Country where respondent grew up, if not US
D2.	GREWUP_LOCATION	Community where respondent grew up
D3a.	LANG	Speak language in addition to English
D3b.	LANG_FRENCH	Other language: French
D3b.	LANG_SPANISH	Other language: Spanish
D3b.	LANG_SIGNLANG	Other language: Sign Language
D3b.	LANG_OTHER	Other language: Other
D3b.	LANG_OTHDESC	Other language: Other (Specify)
D4.	ETHNIC_INDIAN	Ethnicity/Race: American Indian or Alaska Native
D4.	ETHNIC_ASIAN	Ethnicity/Race: Asian
D4.	ETHNIC_BLACK	Ethnicity/Race: Black or African American
D4.	ETHNIC_HISPANIC	Ethnicity/Race: Hispanic or Latino

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_HPACIFIC	Ethnicity/Race: Native Hawaiian or other Pacific Islander
D4.	ETHNIC_WHITE	Ethnicity/Race: White
D5.	GENDER	Gender
D6.	BIRTH_YR	Year of birth
D7.	HOME_ZIP	Current home ZIP Code
	COMMENT_FROM_FORM	Comment from the paper form
DERIVED VARIABLE	GRAD_NUMYRS_GROUP	Years since graduating from dental school (grouped variable)
DERIVED VARIABLE	GRAD_NUMYRS	Years since graduating from dental school
DERIVED VARIABLE	GRAD_AGE_GROUP	Age at graduation from dental school (grouped variable)
DERIVED VARIABLE	GRAD_AGE	Age at graduation from dental school
DERIVED VARIABLE	PG_SPEC_NUMYRS_GROUP	Years since completed specialty training (grouped variable)
DERIVED VARIABLE	PG_SPEC_NUMYRS	Years since completed specialty training
DERIVED VARIABLE	PG_SPEC_AGE_GROUP	Age at completion of specialty training (grouped variable)
DERIVED VARAIBLE	PG_SPEC_AGE	Age at completion of specialty training
DERIVED VARIABLE	TWOYRS_URBAN	Urban/rural classification of Colorado ZIP Codes of primary dental position in March 2004
DERIVED VARIABLE	TWOYRS_CITY	City of primary dental position in March 2004 (from ZIP Code)
DERIVED VARIABLE	TWOYRS_COUNTY	County of primary dental position in March 2004 (from ZIP Code)
DERIVED VARIABLE	TWOYRS_STATE	State of primary dental position in March 2004 (from ZIP Code)
DERIVED VARIABLE	TWOYRS_RUCA2	RUCA code of primary dental position in March 2004 (from Colorado ZIP Code)
DERIVED VARIABLE	TWOYRS_FIPS	FIPS code of primary dental position in March 2004 (from Colorado ZIP Code)
DERIVED VARIABLE	PRIMARY_URBAN	Urban/rural classification of Colorado ZIP Codes of primary dental position in March 2006
DERIVED VARIABLE	PRIMARY_CITY	City of primary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	PRIMARY_COUNTY	County of primary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	PRIMARY_STATE	State of primary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	PRIMARY_RUCA2	RUCA code of primary dental position in March 2006 (from Colorado ZIP Code)
DERIVED VARIABLE	PRIMARY_FIPS	FIPS code of primary dental position in March 2006 (from Colorado ZIP Code)
DERIVED VARIABLE	SECONDARY_URBAN	Urban/rural classification of Colorado ZIP Codes of secondary dental position in March 2006

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
DERIVED VARIABLE	SECONDARY_CITY	City of secondary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	SECONDARY_COUNTY	County of secondary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	SECONDARY_STATE	State of secondary dental position in March 2006 (from ZIP Code)
DERIVED VARIABLE	SECONDARY_RUCA2	RUCA code of secondary dental position in March 2006 (from Colorado ZIP Code)
DERIVED VARIABLE	SECONDARY_FIPS	FIPS code of secondary dental position in March 2006 (from Colorado ZIP Code)
DERIVED VARIABLE	AGE_GROUP	Age in 2006 (grouped variable)
DERIVED VARIABLE	AGE	Age in 2006
DERIVED VARIABLE	HOME_URBAN	Urban/rural classification of Colorado ZIP Codes of residence in 2006
DERIVED VARIABLE	HOME_CITY	City of residence in 2006 (from ZIP Code)
DERIVED VARIABLE	HOME_COUNTY	County of residence in 2006 (from ZIP Code)
DERIVED VARIABLE	HOME_STATE	State of residence in 2006 (from ZIP Code)
DERIVED VARIABLE	HOME_RUCA2	RUCA code of residence in 2006 (from Colorado ZIP Code)
DERIVED VARIABLE	HOME_FIPS	FIPS code of residence in 2006 (from Colorado ZIP Code)

CODEBOOK AND FREQUENCIES

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1.	GRAD_SCH	Name of dental school

TYPE	LENGTH
Character	64

Notes:

• Non-missing includes various schools.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	8
-8	Not Applicable	0
	Non-Missing	1818
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1.	GRAD_YR	Year graduated from dental school

TYPE	LENGTH
Numeric	8

Notes:

• To maintain respondent confidentiality, only aggregate data for Survey Question A1, "Year graduated from dental school," are available in the codebook.

• Not Applicable = Miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

• Refer to derived variables GRAD_NUMYRS_GROUP and GRAD_NUMYRS (p. 108) for aggregate data on number of years since respondents graduated from dental school.

• Refer to derived variables GRAD_AGE_GROUP and GRAD_AGE (p. 109) for aggregate data on respondents' age at graduation from dental school.

• Discontinuous variable: Range 1942-2005.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	8
-8	Not Applicable	5
Discontinuous	1942-2005	1813
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1.	GRAD_STATE	State where dental school is located

TYPE	LENGTH
Character	2

Notes:
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	21
-8	Not Applicable	0
CO	Colorado	301
	Non-Colorado	1504
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1.	GRAD_CTRY	Country where dental school is located, if not US

TYPE	TYPE
Character	32

Notes:
- Non-USA includes various countries.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	21
-8	Not Applicable	0
USA	USA	1801
	Non-USA	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2.	DEGR_DDS	Educational degree completed: DDS

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one A2 education category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	213
-8	Not Applicable	0
0	No	0
1	Yes	1613
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2.	DEGR_DMD	Educational degree completed: DMD

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one A2 education category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1616
-8	Not Applicable	0
0	No	0
1	Yes	210
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2.	DEGR_MD	Educational degree completed: MD

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one A2 education category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1816
-8	Not Applicable	0
0	No	0
1	Yes	10
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2.	DEGR_PHD	Educational degree completed: PHD

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one A2 education category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1815
-8	Not Applicable	0
0	No	0
1	Yes	11
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3a.	POSTGRAD_SPEC	Specialty training completed after dental school graduation

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	40
-8	Not Applicable	3
0	No	1213
1	Yes	570
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3b.	POSTGRAD_SPEC_CITY	City where specialty training was completed

TYPE	LENGTH
Character	64

Notes:
- To maintain respondent confidentiality, only aggregate data for Survey Question A3b, "City in which specialty training was completed," are available in the codebook.
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various cities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	51
-8	Not Applicable	1216
	Non-Missing	559
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3b.	POSTGRAD_SPEC_STATE	State where specialty training was completed

TYPE	LENGTH
Character	2

Notes:

- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	46
-8	Not Applicable	1216
CO	Colorado	62
	Non-Colorado	502
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3b.	POSTGRAD_SPEC_CTRY	Country where specialty training was completed, if not US

TYPE	LENGTH
Character	32

Notes:

- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-USA includes various countries.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	44
-8	Not Applicable	1216
USA	USA	562
	Non-USA	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3b.	POSTGRAD_SPEC_YR	Year specialty training was completed

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for Survey Question A3b, "Year completed specialty training," are available in the codebook.
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Refer to derived variable PGSPEC_NUMYRS_GROUP and PGSPEC_NUMYRS (p. 110)
- Refer to derived variable PGSPEC_AGE_GROUP and PGSPEC_AGE (p. 111) for aggregate data on respondents' age at completion of specialty training.
- Discontinuous variable: Range 1945-2006.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	58
-8	Not Applicable	1217
Discontinuous	1945-2006	551
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1.	LIC_DH	Health care licenses ever held: Dental hygiene

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B1 license category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Mission/Unknown	1803
-8	Not Applicable	0
0	No	0
1	Yes	23
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1.	LIC_DENT	Health care license ever held: Dentist

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B1 license category.

- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
-8	Not Applicable	0
0	No	0
I	Yes	1804
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1.	LIC_MED	Health care licenses ever held: Medical

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B1 license category.

- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1818
-8	Not Applicable	0
0	No	0
I	Yes	8
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1.	LIC_OTHER	Health care licenses ever held: Other

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B1 license category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1782
-8	Not Applicable	0
0	No	0
1	Yes	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1.	LIC_OTHDESC	Health care licenses ever held: Other (Specify)

	TYPE	LENGTH
	Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B1 license category.
- An "all that apply" variable.
- The non-missing descriptions given for licenses held included nursing and pharmacy licenses.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1782
-8	Not Applicable	0
	Non-missing	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.	STATE1_LIC	As of March 2006, states in which actively licensed – First state

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B1.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	20
-8	Not Applicable	0
CO	Colorado	1342
	Non-Colorado	464
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.	STATE2_LIC	As of March 2006, states in which actively licensed – Second state

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B1.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1111
-8	Not Applicable	0
CO	Colorado	304
	Non-Colorado	411
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.	STATE3_LIC	As of March 2006, states in which actively licensed – Third state

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B2.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1554
-8	Not Applicable	0
CO	Colorado	88
	Non-Colorado	184
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.4.	STATE4_LIC	As of March 2006, states in which actively licensed – Fourth state

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B2.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1737
-8	Not Applicable	0
CO	Colorado	15
	Non-Colorado	74
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.5.	STATE5_LIC	As of March 2006, states in which actively licensed – Fifth State

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B1.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1801
-8	Not Applicable	0
CO	Colorado	6
	Non-Colorado	19
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2.6.	STATE6_LIC	As of March 2006, states in which actively licensed – Sixth state

TYPE	LENGTH
Character	2

Notes:

- Respondents could indicate six separate states for B2.
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1803
-8	Not Applicable	0
CO	Colorado	6
	Non-Colorado	17
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_ENDO	Board certification as of March 2006: Endodontics

TYPE	LENGTH
Numeric	8

Notes

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1789
-8	Not Applicable	0
0	No	0
1	Yes	37
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_ORTHO	Board certification as of March 2006: Orthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1750
-8	Not Applicable	0
0	No	0
1	Yes	76
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_PEDS	Board certification as of March 2006: Pediatric dentistry

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1777
-8	Not Applicable	0
0	No	0
I	Yes	49
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_PERIO	Board certification as of March 2006: Periodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1779
-8	Not Applicable	0
0	No	0
I	Yes	47
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_PROST	Board certification as of March 2006: Prosthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1809
-8	Not Applicable	0
0	No	0
1	Yes	17
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_PUBH	Board certification as of March 2006: Dental public health

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1815
-8	Not Applicable	0
0	No	0
1	Yes	11
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_OMP	Board certification as of March 2006: Oral and maxillofacial pathology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1823
-8	Not Applicable	0
0	No	0
1	Yes	3
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_OMR	Board certification as of March 2006: Oral and maxillofacial radiology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1823
-8	Not Applicable	0
0	No	0
1	Yes	3
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3.	BCERT_OMS	Board certification as of March 2006: Oral and maxillofacial surgery

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one B3 board certification category.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1760
-8	Not Applicable	0
0	No	0
1	Yes	66
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C1a.	TWOYRS_LIC	Licensed in dentistry in March 2004

TYPE	LENGTH
Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	6
-8	Not Applicable	0
0	No	95
1	Yes	1725
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C1b.	TWOYRS_WORKED	Working in dentistry in March 2004

	TYPE	LENGTH
	Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a and were skipped to Question C3a.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	41
-8	Not Applicable	95
0	No	52
1	Yes	1638
TOTAL		8126

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C2.	TWOYRS_ZIP	ZIP Code of primary dentistry position in March 2004

	TYPE	LENGTH
	Character	5

Notes:

- To maintain respondent confidentiality, only aggregate data for Survey Question C2, "ZIP Code of primary dentistry position," are available in the codebook.
- Not Applicable = Respondents who marked "No" for survey question C1a (N=95) or C1b (N=52) and were skipped to survey question C3a or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Refer to derived variables TWOYRS_URBAN_FROM_ZIP, TWOYRS_CITY_FROM_ZIP, TWOYRS_COUNTY_FROM_ZIP, TWOYRS_STATE_FROM_ZIP, TWOYRS_RUCA2_FROM_ZIP and TWOYRS_FIPS_FROM_ZIP (p. 112-114) for aggregated data on primary dentistry position in March 2004.
- Discontinuous variable: Range 02108-99801.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	54
-8	Not Applicable	160
Discontinuous	02108-99801	1612
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C2.	TWOYRS_CTRY	Country of primary dentistry position as of March 2004, if not US

TYPE	LENGTH
Character	32

Notes:

- Not Applicable = Respondents who marked "No" for survey question C1a (N= 95) or C1b (N=52) and were skipped to survey question C3a.
- Non-USA includes various countries.
- Refer to derived variables TWOYRS_URBAN_FROM_ZIP, TWOYRS_CITY_FROM_ZIP, TWOYRS_COUNTY_FROM_ZIP, TWOYRS_STATE_FROM_ZIP, TWOYRS_RUCA2_FROM_ZIP and TWOYRS_FIPS_FROM_ZIP (p. 112-114) for aggregated data on primary dentistry position in March 2004.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	62
-8	Not Applicable	147
USA	USA	1612
	Non-USA	5
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3a.	WORK_CURRENT	Currently working in dentistry as of March 2006

TYPE	LENGTH
Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	11
-8	Not Applicable	0
0	No	94
1	Yes	1721
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3b.	EMPL_STATUS	If not working in a dentistry position: Employment status in March 2006

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	15
-8	Not Applicable	1721
1	Unemployed/looking	17
2	Unemployed/not looking	6
3	Retired/not looking	49
4	Working in another field	18
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_DIFFICULT	Reason for not working in a dentistry position: Difficult to find a dentistry position

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	95
-8	Not Applicable	1721
0	No	0
1	Yes	10
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_HRS	Reason for not working in a dentistry position: Hours more convenient in other field

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	103
-8	Not Applicable	1721
0	No	0
1	Yes	2
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_SALARY	Reason for not working in a dentistry position: Better salaries in other field

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	102
-8	Not Applicable	1721
0	No	0
1	Yes	3
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_BENEFIT	Reason not working in a dentistry position: Poor or no health benefits

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	100
-8	Not Applicable	1721
0	No	0
1	Yes	5
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_REWARD	Reason not working in a dentistry position: Find other position more rewarding

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	98
-8	Not Applicable	1721
0	No	0
1	Yes	7
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_SAFETY	Reason for not working in a dentistry position: Concern about safety in health care environment

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	101
-8	Not Applicable	1721
0	No	0
1	Yes	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_ALLERGY	Reason for not working in a dentistry position: Work-related allergy

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	103
-8	Not Applicable	1721
0	No	0
1	Yes	2
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWORK_ALLERGY_DESC	Reason for not working in a dentistry position: Work-related allergy (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.
- The descriptions for work-related allergies are latex and aromatic hydrocarbons.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	103
-8	Not applicable	1721
	Non-Missing	2
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_INJURY	Reason for not working in a dentistry position: Work-related injury

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	103
-8	Not Applicable	1721
0	No	0
1	Yes	2
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RNS_NORTWRK_INJURY_DESC	Reason for not working in a dentistry position: Work-related injury (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.
- The non-missing descriptions for work-related injury were military and neck.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	103
-8	Not applicable	1721
	Non-Missing	2
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_DISABLE	Reason for not working in a dentistry position: Disability/health reasons

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	1721
0	No	0
1	Yes	20
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_HOMEFAMILY	Reason not working in a dentistry position: Home/family

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and *were* skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	95
-8	Not Applicable	1721
0	No	0
1	Yes	10
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_RETIRE	Reason not working in a dentistry position: Retirement

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	61
-8	Not Applicable	1721
0	No	0
1	Yes	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_OTHER	Reason not working in a dentistry position: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	81
-8	Not Applicable	1721
0	No	0
1	Yes	24
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c.	RSN_NOTWRK_OTHDESC	Reason not working in a dentistry position: Other (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C3c reason category.
- Not Applicable = Respondents who marked "Yes" (N=1721) for Survey Question C3a and were skipped to Question C4.
- An "all that apply" variable.
- Among the non-missing reasons given for not working in a dentistry position were other interests, taking time off and burn out.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	81
-8	Not Applicable	1721
	Non-Missing	24
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C4.	LOCATION_COUNT	Number of different work locations in March 2006

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3 and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	35
-8	Not Applicable	94
1	1	1382
2	2	228
3	3	50
4	4 or More	37
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C5.	PRIMARY_ZIP	ZIP Code of primary dental position in March 2006

TYPE	LENGTH
Character	5

Notes:

- To maintain respondent confidentiality, only aggregate data for PRIMARY_ZIP are available in the codebook.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Refer to derived variables PRIMARY_URBAN_FROM_ZIP, PRIMARY_CITY_FROM_ZIP, PRIMARY_COUNTY_FROM_ZIP, PRIMARY_STATE_FROM_ZIP, PRIMARY_RUCA2_FROM_ZIP and PRIMARY_FIPS_FROM_ZIP (p. 115 – 117) for aggregated data on primary dental position in March 2006.
- Discontinuous variable: Range 01886 -99801.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	49
-8	Not Applicable	105
Discontinuous	01886-99801	1672
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C5.	PRIMARY_PCT	Percentage of time worked at primary dental location in March 2006

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Discontinuous variable: Range 5-100%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	95
Discontinuous	5 -100%	1646
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C5.	SECONDARY_ZIP	ZIP Code of secondary dental position in March 2006

TYPE	LENGTH
Character	5

Notes:

- To maintain respondent confidentiality, only aggregate data for SECONDARY_ZIP are available in the codebook.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4 or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Refer to derived variables SECONDARY_URBAN, SECONDARY_CITY, SECONDARY_COUNTY, SECONDARY_STATE, SECONDARY_RUCA2 and SECONDARY_FIPS (p. 118-120) for aggregated data on secondary dental position in March 2006.
- Discontinuous variable: Range 02118- 82001.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	76
-8	Not Applicable	1484
Discontinuous	02118 -82001	266
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C5.	SECONDARY_PCT	Percentage of time worked at secondary dental location in March 2006

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4 or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 1-95%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	58
-8	Not Applicable	1477
Discontinuous	1-95%	291
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6a.	PRIMARY_CO	Location of primary dental work site in Colorado

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	30
-8	Not Applicable	100
0	No	505
1	Yes	1191
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_PROF	Reason for working outside Colorado: Professional opportunity

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	326
-8	Not Applicable	1285
0	No	0
1	Yes	215
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_PROMO	Reason for working outside Colorado: Promotion

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	534
-8	Not Applicable	1285
0	No	0
1	Yes	7
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_GEOG	Reason for working outside Colorado: Geographic environment

TYPE	LENGTH
Numeric	8

Notes:
- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	467
-8	Not Applicable	1285
0	No	0
1	Yes	74
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_FAMILY	Reason for working outside Colorado: Family

TYPE	LENGTH
Numeric	8

Notes:
- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	306
-8	Not Applicable	1285
0	No	0
1	Yes	235
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_PAY	Reason for working outside Colorado: Better pay

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	498
-8	Not Applicable	1285
0	No	0
1	Yes	43
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_SCH	Reason for working outside Colorado: School

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	531
-8	Not Applicable	1285
0	No	0
1	Yes	10
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_COST	Reason for working outside Colorado: Cost of living

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	509
-8	Not Applicable	1285
0	No	0
1	Yes	32
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_MILITARY	Reason for working outside Colorado: Military

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	484
-8	Not Applicable	1285
0	No	0
1	Yes	57
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_OTHER	Reason for working outside Colorado: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	445
-8	Not Applicable	1285
0	No	0
1	Yes	96
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b.	RSN_OUTCO_OTHDESC	Reason for working outside Colorado: Other (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6b reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.
- Among the reasons given for working outside of Colorado were primary residence, weather, quality of life and type of work.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	446
-8	Not Applicable	1285
	Non-Missing	95
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_PERIODPRAC	Reason for maintaining a Colorado license: Periodically practice in Colorado

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	528
-8	Not Applicable	1285
0	No	0
1	Yes	13
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_RETURN	Reason for maintaining a Colorado license: Expect to return to Colorado to live

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	262
-8	Not Applicable	1285
0	No	0
1	Yes	279
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_PAPERWORK	Reason for maintaining a Colorado license: Paperwork involved in obtaining new Colorado license

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	385
-8	Not Applicable	1285
0	No	0
1	Yes	156
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_COST	Reason for maintaining a Colorado license: Cost of obtaining new Colorado license

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	420
-8	Not Applicable	1285
0	No	0
1	Yes	121
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_OTHER	Reason for maintaining a Colorado license: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	398
-8	Not Applicable	1285
0	No	0
1	Yes	143
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6c.	RSN_COLIC_OTHDESC	Reason for maintaining a Colorado license: Other (Specify)

TYPE	LENGTH
Character	256

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C6c reason category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "Yes" (N=1191) for Question C6a and were skipped to Question C7.
- An "all that apply" variable.
- Among the reasons for maintaining a Colorado license were need for work and need for military credentialing.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	399
-8	Not Applicable	1285
	Non-Missing	142
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C7.	OWNPRAC_PRIMARY	Own practice at primary dental location

TYPE	TYPE
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1583
-8	Not Applicable	94
0	No	46
1	Yes	103
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C7.	OWNPRAC_SECONDARY	Own practice at secondary dental location

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D <u>or</u> those who marked "1" (N=1382) for Question C4.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	319
-8	Not Applicable	1476
0	No	20
1	Yes	11
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C8.	FACILITY_PRIMARY	Work setting of primary dental position in March 2006

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	31
-8	Not Applicable	94
1	Solo Dental Practice	1017
2	Group Dental Practice/Multi-specialty Clinic	446
3	Multi-specialty Clinic	32
4	Public Health Agency	30
5	Community Health Agency	31
7	Long-term Care/Nursing Home	1
8	Hospital	20
9	Academic/University/College	48
10	Dental-related Manufacturing	1
11	Managed Care/Insurance	12
12	Other	63
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C8.	FACILITY_PRIMARY_OTHDESC	Work setting of primary dental position in March 2006 (Specify)

TYPE	LENGTH
Character	128

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Among the descriptions given for type of work setting were military and correction facilities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	31
-8	Not Applicable	1732
	Non-Missing	63
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C8.	FACILITY_SECONDARY	Work setting of secondary dental position in March 2006

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing Unknown	58
-8	Not Applicable	1476
1	Solo Dental Practice	93
2	Group Dental Practice	99
3	Multi-specialty Clinic	9
4	Public Health Agency	13
5	Community Health Agency	6
6	Volunteer Clinic	7
7	Long-term Care/Nursing Home	4
8	Hospital	14
9	Academic/University/College	22
11	Managed Care/Insurance	7
12	Other	18
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C8.	FACILITY_SECONDARY_OTHDESC	Work setting of secondary dental position in March 2006 (Specify)

TYPE	LENGTH
Character	128

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" for Survey Question C4 (N=1382) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Among the descriptions given for type of work setting were military and correction facilities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	58
-8	Not Applicable	1750
	Non-Missing	18
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C9.	CATEGORY_PRIMARY	Organizational auspices of primary dental position

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	54
-8	Not Applicable	94
1	In the Military	54
2	Federal or State Employee	76
3	Employee of Organization	223
4	Employee of Employment Agency	6
5	Self-employed	1319
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C9.	CATEGORY_SECONDARY	Organizational auspices of secondary dental position

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or those who marked "1" (N=1382) for Question C4.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	66
-8	Not Applicable	1476
1	In the Military	10
2	Federal or State Employee	29
3	Employee of Organization	77
4	Employee of Employment Agency	5
5	Self-employed	163
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_PRACDENT	Title of primary dental position: Practicing dentist

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	100
-8	Not Applicable	94
0	No	0
1	Yes	1632
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_MGRDIR	Title of primary dental position: Manager/director

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1546
-8	Not Applicable	94
0	No	0
1	Yes	186
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_CONSLT	Title of primary dental position: Consultant

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1708
-8	Not Applicable	94
0	No	0
1	Yes	24
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_EDUC	Title of primary dental position: Educator/faculty

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1658
-8	Not Applicable	94
0	No	0
1	Yes	74
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_RSCHR	Title of primary dental position: Researcher

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1719
-8	Not Applicable	94
0	No	0
1	Yes	13
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_RESD	Title of primary dental position: Resident/fellow

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1718
-8	Not Applicable	94
0	No	0
1	Yes	14
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_OTHER	Title of primary dental position: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1715
-8	Not Applicable	94
1	Yes	0
2	No	17
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_PRIMARY_OTHDESC	Title of primary dental position: Other (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 primary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.
- Among the non-missing descriptions given for primary position title were forensic dentist and entrepreneur.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1715
-8	Not Applicable	94
	Non-Missing	17
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_PRACDENT	Title of secondary dental position: Practicing dentist

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	94
-8	Not Applicable	1476
0	No	0
1	Yes	256
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_MGRDIR	Title of secondary dental position: Manager/director

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	332
-8	Not Applicable	1476
1	Yes	0
2	No	18
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_CONSLT	Title of secondary dental position: Consultant

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	344
-8	Not Applicable	1476
0	No	0
1	Yes	6
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_EDUC	Title of secondary dental position: Educator/Faculty

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
1	Yes	0
2	No	33
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_RSCHR	Title of secondary dental position: Researcher

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	349
-8	Not Applicable	1476
0	No	0
1	Yes	1
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_RESD	Title of secondary dental position: Resident/fellow

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3 and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	350
-8	Not Applicable	1476
0	No	0
1	Yes	0
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_OTHER	Title of secondary dental position: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	344
-8	Not Applicable	1476
1	Yes	0
2	No	6
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10.	TITLE_SECONDARY_OTHDESC	Title of secondary dental position: Other (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C10 secondary position title category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.
- The descriptions for title of secondary dental position were oral surgeon, orthodontist, hygienist, locum tenens and volunteering dentist.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	345
-8	Not Applicable	1476
	Non-Missing	5
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_GEN	Focus area of primary dental-related work: General dentistry

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	452
-8	Not Applicable	94
0	No	0
1	Yes	1280
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_COSM	Focus area of primary dental-related work: Cosmetic

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1207
-8	Not Applicable	94
0	No	0
1	Yes	525
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_GER	Focus area of primary dental-related work: Geriatrics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1538
-8	Not Applicable	94
0	No	0
1	Yes	194
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_IMPLANT	Focus area of primary dental-related work: Implantology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1375
-8	Not Applicable	94
0	No	0
1	Yes	357
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_TMD	Focus area of primary dental-related work: Temporal mandibular disorder

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1537
-8	Not Applicable	94
0	No	0
1	Yes	195
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ENDO	Focus area of primary dental-related work: Endodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1324
-8	Not Applicable	94
0	No	0
1	Yes	408
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_FORS	Focus area of primary dental-related work: Forensic

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1725
-8	Not Applicable	94
0	No	0
1	Yes	7
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ORALPATH	Focus area of primary dental-related work: Oral pathology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1665
-8	Not Applicable	94
0	No	0
1	Yes	67
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ORALRAD	Focus area of primary dental-related work: Oral radiology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1670
-8	Not Applicable	94
0	No	0
1	Yes	62
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ORALSURG	Focus area of primary dental-related work: Oral surgery

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1379
-8	Not Applicable	94
0	No	0
1	Yes	353
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_ORTHO	Focus area of primary dental-related work: Orthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1529
-8	Not Applicable	94
0	No	0
1	Yes	203
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_PEDS	Focus area of primary dental-related work: Pediatrics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1429
-8	Not Applicable	94
0	No	0
1	Yes	303
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_PERIO	Focus area of primary dental-related work: Periodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1448
-8	Not Applicable	94
0	No	0
1	Yes	284
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_PROST	Focus area of primary dental-related work: Prosthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1321
-8	Not Applicable	94
0	No	0
1	Yes	411
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_PRIMARY_PUBH	Focus area of primary dental-related work: Public health

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for primary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1678
-8	Not Applicable	94
0	No	0
1	Yes	54
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_GEN	Focus area of secondary dental-related work: General dentistry

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	229
-8	Not Applicable	1476
0	No	0
1	Yes	121
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_COSM	Focus area of secondary dental-related work: Cosmetic

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	315
-8	Not Applicable	1476
0	No	0
1	Yes	35
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_GER	Focus area of secondary dental-related work: Geriatrics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	331
-8	Not Applicable	1476
0	No	0
1	Yes	19
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_IMPLANT	Focus area of secondary dental-related work: Implantology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	311
-8	Not Applicable	1476
0	No	0
1	Yes	39
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_TMD	Focus area of secondary dental-related work: Temporal mandibular disorder

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	341
-8	Not Applicable	1476
0	No	0
1	Yes	9
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_ENDO	Focus area of secondary dental-related work: Endodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	310
-8	Not Applicable	1476
0	No	0
1	Yes	40
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_FORS	Focus area of secondary dental-related work: Forensic

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	347
-8	Not Applicable	1476
0	No	0
1	Yes	3
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_ORALPATH	Focus area of secondary dental-related work: Oral pathology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	342
-8	Not Applicable	1476
0	No	0
1	Yes	8
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_ORALRAD	Focus area of secondary dental-related work: Oral radiology

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	346
-8	Not Applicable	1476
0	No	0
1	Yes	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_ORALSURG	Focus area of secondary dental-related work: Oral surgery

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	294
-8	Not Applicable	1476
0	No	0
1	Yes	56
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_ORTHO	Focus area of secondary dental-related work: Orthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	297
-8	Not Applicable	1476
0	No	0
1	Yes	53
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_PEDS	Focus area of secondary dental-related work: Pediatrics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	305
-8	Not Applicable	1476
0	No	0
1	Yes	45
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_PERIO	Focus area of secondary dental-related work: Periodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	312
-8	Not Applicable	1476
0	No	0
1	Yes	38
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_PROST	Focus area of secondary dental-related work: Prosthodontics

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
0	No	0
1	Yes	33
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11.	SPECIALTY_SECONDARY_PUBH	Focus area of secondary dental-related work: Public health

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C11 focus area category for secondary dental-related work.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a who were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	336
-8	Not Applicable	1476
0	No	0
1	Yes	14
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_CST	Equipment used for amalgam removal at primary work setting: Chair side trap

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	807
-8	Not Applicable	94
0	No	0
1	Yes	925
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_CSTSF	Equipment used for amalgam removal at primary work setting: Chair side trap and secondary filter

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	917
-8	Not Applicable	94
0	No	0
1	Yes	815
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_AMALSEP	Equipment used for amalgam removal at primary work setting: Amalgam separator

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1426
-8	Not Applicable	94
0	No	0
1	Yes	306
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_OTHER	Equipment used for amalgam removal at primary work setting: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1711
-8	Not Applicable	94
0	No	0
1	Yes	21
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_OTHDESC	Equipment used for amalgam removal at primary work setting: Other - Specify

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.
- Among the descriptions for equipment used for amalgam removal were vacuum filter and vacuum trap.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1717
-8	Not Applicable	94
	Non-Missing	15
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_PRIMARY_NA	Equipment used for amalgam removal at primary work setting: Not applicable

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for primary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1447
-8	Not Applicable	94
0	No	0
1	Yes	285
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_CST	Equipment used for amalgam removal at secondary work setting: Chair side trap

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	241
-8	Not Applicable	1476
0	No	0
1	Yes	109
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_CSTSF	Equipment used for amalgam removal at secondary work setting: Chair side trap and secondary filter

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	269
-8	Not Applicable	1476
0	No	0
1	Yes	81
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_AMALSEP	Equipment used for amalgam removal at secondary work setting: Amalgam separator

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	316
-8	Not Applicable	1476
0	No	0
1	Yes	34
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_OTHER	Equipment used for amalgam removal at secondary work setting: Other

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	343
-8	Not Applicable	1476
0	No	0
1	Yes	7
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_OTHDESC	Equipment used for amalgam removal at secondary work setting: Other (Specify)

TYPE	LENGTH
Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.
- Among the descriptions for equipment used for amalgam removal were "don't know" and "unknown."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	346
-8	Not Applicable	1476
	Non-Missing	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C12.	EQUIP_SECONDARY_NA	Equipment used for amalgam removal at secondary work setting: Not applicable

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C12 equipment category for secondary work setting.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	250
-8	Not Applicable	1476
0	No	0
1	Yes	100
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C13.	LGTH_SVC_TOT_PRIMARY	Length of service of primary position (calculated total months)

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- Discontinuous variable: Range 1 – 705.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	34
-8	Not Applicable	94
Discontinuous	1 – 705	1698
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C13.	LGTH_SVC_TOT_SECONDARY	Length of service at secondary position (calculated total months)

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- Discontinuous variable: Range 0 -428.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	1476
Discontinuous	0 -428	265
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C14.	CONT_WORK_RANGE	Years plan to continue to work in dentistry

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	20
-8	Not Applicable	94
1	Less than 5	281
2	6-10	490
3	11-15	342
4	More than 15	471
5	Unknown	128
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C15a.	HLTH_INS	Have health insurance as of March 2006

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
-8	Not Applicable	94
0	No	32
1	Yes	1678
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C15b.	HLTH_INS_OFFER	Offered health insurance by employer

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	94
0	No	684
1	Yes	731
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C15c.	HLTH_INS_ACCEPT	Accepted health insurance offered by employer

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "No" (N=684) for Question C15b and were skipped to Question C16.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	337
-8	Not Applicable	778
0	No	108
1	Yes	603
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C16.	INCOME	Gross annual salary for all dental-related employment in 2005

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	117
-8	Not Applicable	94
1	$0 (Did not work in dentistry in 2005)	4
2	Less than $50,000	85
3	$50,000 -$99,999	269
4	$100,000-$149,999	358
5	$150,000-$199,999	287
6	$200,000-$249,999	205
7	$250,000-$299,999	117
8	$300,000-$349,999	96
9	$350,000 or more	194
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C17a.	CHARITY	Provides free or charity care

TYPE	LENGTH
Numeric	8

Notes:
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	18
-8	Not Applicable	94
0	No	372
1	Yes	1342
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C17b.	CHARITY_AMT	Average amount of free or charity care donated each month

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "No" (N=372) for Question C17a and were skipped to Question C18.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	42
-8	Not Applicable	466
1	Under $500	449
2	$501-$1,000	393
3	$1,001-$1,500	160
4	More than $1,500	316
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18a.	ONEWK_HRS	Hours worked for pay in a one-week period

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

• Discontinuous variable: Range 1-100 hours.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	40
-8	Not Applicable	107
Discontinuous	1-100 Hours	1679
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b.	PCT_CARE	Percentage of work time spent in direct patient care

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C18b percentage of work time category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Discontinuous variable: Range 0-100%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	36
-8	Not Applicable	207
Discontinuous	0-100%	1583
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b.	PCT_TEACH_RES	Percentage of work time spent in dental-related academic teaching/research

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C18b percentage of work time category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Discontinuous variable: Range 0-100%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1228
-8	Not Applicable	207
Discontinuous	0-100%	391
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b.	PCT_TRAIN_EDUC	Percentage of work time attending dental-related training

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C18b percentage of work time category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a were skipped to Section D or respondents who entered percentages that summed to greater than 100 for Survey Question C18b (N=113).
- Discontinuous variable: Range 0 – 70%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	715
-8	Not Applicable	207
Discontinuous	0 – 70%	904
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b.	PCT_ACTVT	Percentage of work time spent in other dental-related activities

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one C18b percentage of work time category.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Discontinuous variable: Range 0-100%.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	563
-8	Not Applicable	207
Discontinuous	0-100%	1056
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C19a.	RATE_BEG_COLLEGE	Beginning college today, respondent would choose dentistry

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	21
-8	Not Applicable	94
1	Disagree	177
2	Somewhat Disagree	142
3	Neither Disagree/Agree	249
4	Somewhat Agree	357
5	Agree	786
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C19b.	RATE_RECOMMEND	Respondent would recommend dentistry to a friend or family member

TYPE	LENGTH
Numeric	8

Notes:

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	24
-8	Not Applicable	94
1	Disagree	168
2	Somewhat Disagree	137
3	Neither Disagree/Agree	261
4	Somewhat Agree	380
5	Agree	762
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20a.	ACCEPT_NEW_PTS_PRIMARY	Primary worksite: Accepts new patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1581
-8	Not Applicable	94
1	No	2
2	Yes	138
3	N/A-Response	11
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20b.	SERVE_MCAID_PRIMARY	Primary worksite: Provides care to Medicaid patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1583
-8	Not Applicable	94
1	Yes	87
2	No	40
3	N/A-Response	22
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20c.	ACCEPT_NEW_MCAID_PRIMARY	Primary worksite: Accepts new Medicaid patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1584
-8	Not Applicable	94
1	No	85
2	Yes	33
3	N/A-Response	30
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20d.1.	SERVE_CHP_PRIMARY	Primary worksite: Provides care to CHP patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1584
-8	Not Applicable	94
1	Yes	72
2	No	36
3	N/A-Response	40
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20e.	ACCEPT_NEW_CHP_PRIMARY	Primary worksite: Accepts new CHP patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1583
-8	Not Applicable	94
1	No	69
2	Yes	34
3	N/A-Response	46
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20a.	ACCEPT_NEW_PTS_SECONDARY	Secondary worksite: Accepts new patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	318
-8	Not Applicable	1476
1	No	1
2	Yes	27
3	N/A-Response	4
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20b.	SERVE_MCAID_SECONDARY	Secondary worksite: Provides care to Medicaid patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
1	Yes	16
2	No	11
3	N/A-Response	6
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20c.	ACCEPT_NEW_MCAID_SECONDARY	Secondary worksite: Accepts new Medicaid patients

TYPE	LENGTH
Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
1	No	16
2	Yes	10
3	N/A-Response	7
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20d.	SERVE_CHP_SECONDARY	Secondary worksite: Provides care to CHP patients

	TYPE	LENGTH
	Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	318
-8	Not Applicable	1476
1	Yes	12
2	No	8
3	N/A-Response	12
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20e.	ACCEPT_NEW_CHP_SECONDARY	Secondary worksite: Accepts new CHP patients

	TYPE	LENGTH
	Numeric	8

Notes:

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a were skipped to Section D or respondents who marked "1" (N=1382) for Question C4.
- N/A-Response = Respondent answered "Not Applicable."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	318
-8	Not Applicable	1476
1	No	12
2	Yes	8
3	N/A – Response	12
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D1.	GREWUP_STATE	State where respondent grew up

TYPE	LENGTH
Character	2

Notes:
• Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	36
-8	Not Applicable	1
CO	Colorado	439
	Non-Colorado	1350
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D1.	GREWUP_CTRY	Country in which respondent grew up, if not US

TYPE	LENGTH
Character	64

Notes:
• Non-USA includes various countries.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	36
-8	Not Applicable	0
USA	USA	1759
	Non-USA	31
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D2.	GREWUP_LOCATION	Community where respondent grew up

TYPE	LENGTH
Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	23
-8	Not Applicable	0
1	Urban	444
2	Suburban	866
3	Rural	493
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3a.	LANG	Speak language in addition to English

TYPE	LENGTH
Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	21
-8	Not Applicable	0
0	No	1366
1	Yes	439
TOTAL		1826

QUESTION NUMBER
D3b.

VARIABLE NAME
LANG_FRENCH

DESCRIPTION
Other language: French

TYPE
Numeric

LENGTH
8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D3b language category.
- Not Applicable = Respondents who marked "No" (N=1366) for Survey Question D3a and were skipped to Question D4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	399
-8	Not Applicable	1366
0	No	0
1	Yes	61
TOTAL		1826

QUESTION NUMBER
D3b.

VARIABLE NAME
LANG_SPANISH

DESCRIPTION
Other language: Spanish

TYPE
Numeric

LENGTH
8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D3b language category.
- Not Applicable = Respondents who marked "No" (N=1366) for Survey Question D3a and were skipped to Question D4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	188
-8	Not Applicable	1366
0	No	0
1	Yes	272
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b.	LANG_SIGNLANG	Other language: Sign Language

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D3b language category.
- Not Applicable = Respondents who marked "No" (N=1366) for Survey Question D3a and were skipped to Question D4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	457
-8	Not Applicable	1366
0	No	0
1	Yes	3
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b.	LANG_OTHER	Other language: Other

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D3b language category.
- Not Applicable = Respondents who marked "No" (N=1366) for Survey Question D3a and were skipped to Question D4.
- An "all that apply" variable.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	284
-8	Not Applicable	1366
0	No	0
1	Yes	176
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b.	LANG_OTHDESC	Other language: Other (Specify)

	TYPE	LENGTH
	Character	128

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D3b language category.
- Not Applicable = Respondents who marked "No" (N=1366) for Survey Question D3a and were skipped to Question D4.
- An "all that apply" variable.
- Among the languages spoken were German, Japanese, Italian and Portuguese.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	287
-8	Not Applicable	1366
	Non-Missing	173
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_INDIAN	Ethnicity/Race: American Indian or Alaska Native

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.
- An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1791
-8	Not Applicable	0
0	No	0
1	Yes	35
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_ASIAN	Ethnicity/Race: Asian

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.
- An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1774
-8	Not Applicable	0
0	No	0
1	Yes	52
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_BLACK	Ethnicity/Race: Black or African American

	TYPE	LENGTH
	Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.
- An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1806
-8	Not Applicable	0
0	No	0
1	Yes	20
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_HISPANIC	Ethnicity/Race: Hispanic or Latino

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.
- An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1780
-8	Not Applicable	0
0	No	0
1	Yes	46
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_HPACIFIC	Ethnicity/Race: Native Hawaiian or other Pacific Islander

TYPE	LENGTH
Numeric	8

Notes:

- Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.
- An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1821
-8	Not Applicable	0
0	No	0
1	Yes	5
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4.	ETHNIC_WHITE	Ethnicity/Race: White

TYPE	LENGTH
Numeric	8

Notes:

• Missing/Unknown = Respondents who did not provide a response for at least one Question D4 ethnicity/race category.

• An "all that apply" variable

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	177
-8	Not Applicable	0
0	No	0
1	Yes	1649
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D5.	GENDER	Gender

TYPE	LENGTH
Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	9
-8	Not Applicable	0
1	Male	1535
2	Female	282
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D6.	BIRTH_YR	Year of birth

TYPE	LENGTH
Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for Survey Question D6 are available in the codebook.
- Refer to derived variables AGE_GROUP and AGE (p. 121) for aggregate data on respondents' age.
- Discontinuous variable: Range 1924-1980.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
-8	Not Applicable	0
Discontinuous	1924-1980	1804
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D7.	HOME_ZIP	Current Home ZIP Code

TYPE	LENGTH
Character	5

Notes:

- To maintain respondent confidentiality, only aggregate data for Survey Question D7 are available in the codebook.
- Not Applicable = Respondents who entered an invalid ZIP Code (N=9).
- Refer to derived variables HOME_URBAN_FROM_ZIP, HOME_CITY_FROM_ZIP, HOME_COUNTY_FROM_ZIP, HOME_STATE_FROM_ZIP, HOME_RUCA2_FROM_ZIP and HOME_FIPS_FROM_ZIP (p. 122-124) for aggregated data on residence in 2006.
- Discontinuous variable: Range 01886-99801.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	23
-8	Not Applicable	9
Discontinuous	01886-99801	1794
TOTAL		1826

VARIABLE NAME
COMMENT_FROM_PAPER_FORM

DESCRIPTION
Comment from paper form

TYPE
Character

LENGTH
128

Notes:
• Among the comments were: "Thanks – I love Colorado and hope to call it home" and "work as dental director for ins. co."

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1403
-8	Not Applicable	0
	Non-Missing	423
TOTAL		1826

Derived variables

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_NUMYRS_GROUP	Years since graduating from dental school (grouped variable)

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for GRAD_NUMYRS_GROUP are available in the codebook.
- GRAD_NUMYRS_GROUP is a derived variable subtracting the year respondents graduated from dental school (Survey Question A1) from the year of the dentist survey (2006).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	13
-8	Not Applicable	0
1	5 Years or Less	141
2	6-15 Years	284
3	16-25 Years	533
4	26-35 Years	590
5	36-45 Years	231
6	46 Years or More	34
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_NUMYRS	Years since graduating from dental school

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for GRAD_NUMYRS are available in the codebook.
- GRAD_NUMYRS is a derived variable subtracting the year respondents graduated from dental school (Survey Question A1) from the year of the dentist survey (2006).
- Discontinuous variable: Range 1-64.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	13
-8	Not Applicable	0
Discontinuous	1-64	1813
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_AGE_GROUP	Age at graduation from dental school (grouped variable)

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for GRAD_AGE_GROUP are available in the codebook.
- GRAD_AGE_GROUP is a derived variable subtracting the respondents' year of birth (Survey Question D6) from the year they graduated from dental school (Survey Question A1).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	32
-8	Not Applicable	0
1	25 Years or Under	382
2	26-35 Years	1356
3	36 Years or Over	56
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_AGE	Age at graduation from dental school

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for GRAD_AGE are available in the codebook.
- GRAD_AGE is a derived variable subtracting the respondents' year of birth (Survey Question D6) from the year they graduated from dental school (Survey Question A1).
- Discontinuous variable: Range 18-61.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	32
-8	Not Applicable	0
Discontinuous	18-61	1794
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_NUMYRS_GROUP	Years since completed specialty training (grouped variable)
	TYPE	**LENGTH**
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for PGSPEC_NUMYRS_GROUP are available in the codebook.
- PGSPEC_NUMYRS_GROUP is a derived variable subtracting the year respondents completed specialty training (Survey Question A3b) from the year of the dentist survey (2006).
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	62
-8	Not Applicable	1213
1	5 Years or Less	69
2	6-15 Years	130
3	16-25 Years	175
4	26-35 Years	149
5	36-45 Years	25
6	46 Years or More	3
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_NUMYRS	Years since completed specialty training
	TYPE	**LENGTH**
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for PGSPEC_NUMYRS are available in the codebook.
- PGSPEC_NUMYRS is a derived variable subtracting the year respondents completed specialty training (Survey Question A3b) from the year of the dentist survey (2006).
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B.
- Discontinuous variable: Range 0-61.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	62
-8	Not Applicable	1213
Discontinuous	0 – 61	551
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_AGE_GROUP	Age at completion of specialty training (grouped variable)

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for PGSPEC_AGE_GROUP are available in the codebook.
- PGSPEC_AGE_GROUP is a derived variable subtracting the respondents' year of birth (Survey Question D6) from the year they completed specialty training (Survey Question A3b).
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	67
-8	Not Applicable	1213
1	25 Years or Under	8
2	26-35 Years	422
3	36 Years or Older	116
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_AGE	Age at completion of specialty training

	TYPE	LENGTH
	Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for PGSPEC_AGE are available in the codebook.
- PGSPEC_AGE is a derived variable subtracting the respondents' year of birth (Survey Question D6) from the year they completed specialty training (Survey Question A3b).
- Not Applicable = Respondents who marked "No" (N=1213) for Survey Question A3a and were skipped to Section B.
- Discontinuous variable: Range 20-54.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	67
-8	Not Applicable	1213
Discontinuous	20-54	546
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_URBAN	Urban/rural classification of Colorado ZIP Codes of primary dentistry position in March 2004

	TYPE	LENGTH
	Numeric	8

Notes:

- TWOYRS_URBAN is a derived variable grouping Colorado ZIP Codes from Survey Question C2 into urban/rural areas.

  Rural/urban commuting area (RUCA) codes (version 2.0) were used to classify rural and urban areas. RUCA codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or respondents who indicated a non-Colorado primary practice site for Question C2 (N=520) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	734
1	Colorado: Urban Classification	939
2	Colorado: Rural Classification	153
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_CITY	City of primary dentistry position in March 2004 (from Colorado ZIP Code)

	TYPE	LENGTH
	Character	28

Notes:

- TWOYRS_CITY is a derived variable from Survey Question C2.

- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or respondents who indicated a non-Colorado primary practice site for Question C2 (N=520) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Non-missing includes various cities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	734
	Non-Missing	1092
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_COUNTY	County of primary dentistry position in March 2004 (from Colorado ZIP Code)

TYPE	LENGTH
Character	43

Notes:

- TWOYRS_COUNTY is a derived variable from Survey Question C2.
- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or respondents who indicated a non-Colorado primary practice site for Question C2 (N=520) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various counties.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	734
	Non-Missing	1092
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_STATE	State of primary dentistry position in March 2004 (from ZIP Code)

TYPE	LENGTH
Character	2

Notes:

- TWOYRS_STATE is a derived variable from Survey Question C2.
- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	54
-8	Not Applicable	160
CO	Colorado	1092
	Non-Colorado	520
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_RUCA2	RUCA code of primary dentistry position in March 2004 (from Colorado ZIP Code)

TYPE	LENGTH
Numeric	8

Notes:

- TWOYRS_RUCA2 is a derived variable from Survey Question C2.

  Rural/urban commuting area (RUCA) codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or respondents who indicated a non-Colorado primary practice site for Question C2 (N=520) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 1.0-10.6.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	734
Discontinuous	1.0-10.6	1092
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_FIPS	FIPS code of primary dentistry position in March 2004 (from Colorado ZIP Code)

TYPE	LENGTH
Numeric	8

Notes:

- TWOYRS_FIPS is a derived from Survey Question C2.

  Federal information processing standards (FIPS) codes are a standardized set of numeric or alphabetic codes issued by the National Institute of Standards and Technology (NIST) to ensure uniform identification of geographic entities through all federal government agencies. The entities covered include: states and statistically equivalent entities, counties and statistically equivalent entities, named populated and related location entities (such as, places and county subdivisions), and American Indian and Alaska Native areas. For more information on FIPS codes, refer to http://www.census.gov/geo/www/fips/fips.html.

- Not Applicable = Respondents who marked "No" (N=95) for Survey Question C1a or respondents who marked "No" (N=52) for Question C1b or respondents who indicated a non-Colorado primary practice site for Question C2 (N=520) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 8001-8125.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	734
Discontinuous	8001-8125	1092
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_URBAN	Urban/rural classification of Colorado ZIP Codes of primary dental position in March 2006

	TYPE	LENGTH
	Numeric	8

Notes:

- PRIMARY_URBAN is a derived variable grouping Colorado ZIP Codes from Survey Question C5 into urban/rural areas.

  Rural/urban commuting area (RUCA) codes (version 2.0) were used to classify rural and urban areas. RUCA codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3aand were skipped to Section D or respondents who indicated a non-Colorado primary practice site for Questions C5 (N=493) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	647
1	Colorado: Urban Classification	1010
2	Colorado: Rural Classification	169
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_CITY	City of primary dental position in March 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Character	28

Notes:

- PRIMARY_URBAN is a derived variable from Survey Question C5.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various cities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	647
	Non-Missing	1179
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_COUNTY	County of primary dental position in March 2006 (from Colorado ZIP Code)

TYPE	LENGTH
Character	43

Notes:

- PRIMARY_COUNTY is a derived variable from Survey Question C5.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various counties.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	647
	Non-Missing	1179
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_STATE	State of primary dental position in March 2006 (from ZIP Code)

TYPE	LENGTH
Character	2

Notes:

- PRIMARY_STATE is a derived variable from Survey Question C5.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a were skipped to Section D or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	49
-8	Not Applicable	105
CO	Colorado	1179
	Non-Colorado	493
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_RUCA2	RUCA code of primary dental position in March 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- PRIMARY_RUCA2 is a derived variable grouping Colorado ZIP Codes from Survey Question C5.1.1 into urban/rural areas.

  Rural/urban commuting area (RUCA) codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who indicated a non-Colorado primary practice site for Questions C5 (N=493) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 1.0-10.6.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	647
Discontinuous	1.0-10.6	1179
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_FIPS	FIPS code of primary dental position in March 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- PRIMARY_FIPS is a derived variable from Survey Question C5.

  Federal information processing standards codes (FIPS codes) are a standardized set of numeric or alphabetic codes issued by the National Institute of Standards and Technology (NIST) to ensure uniform identification of geographic entities through all federal government agencies. The entities covered include: states and statistically equivalent entities, counties and statistically equivalent entities, named populated and related location entities (such as places and county subdivisions), and American Indian and Alaska Native areas. For more information on FIPS codes, refer to http://www.census.gov/geo/www/fips/fips.html.

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who indicated a non-Colorado primary practice site for Questions C5 (N=493) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 8001-8125.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	647
Discontinuous	8001 – 8125	1179
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_URBAN	Urban/rural classification of Colorado ZIP Codes of secondary dental position in March 2006
	TYPE	**LENGTH**
	Numeric	8

<u>Notes</u>:

• SECONDARY_URBAN is a derived variable grouping Colorado ZIP Codes from Survey Question C5 into urban/rural areas.

Rural/urban commuting area (RUCA) codes (version 2.0) were used to classify rural and urban areas. RUCA codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D <u>or</u> respondents who marked "1" (N=1382) for Question C4 <u>or</u> respondents who indicated a non-Colorado secondary practice site for Questions C5 (N=102) <u>or</u> miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	1662
1	Colorado: Urban Classification	129
2	Colorado: Rural Classification	35
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_CITY	City of secondary dental position in March 2006 (from Colorado ZIP Code)
	TYPE	**LENGTH**
	Character	28

<u>Notes</u>:

• SECONDARY_CITY is a derived variable from Survey Question C5.

• Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D <u>or</u> respondents who marked "1" (N=1382) for Question C4 <u>or</u> respondents who indicated a non-Colorado secondary practice site for Questions C5 (N=102) <u>or</u> miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

• Non-missing includes various cities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	1662
	Non-Missing	164
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_COUNTY	County of secondary dental position in March 2006 (from ZIP Code)

TYPE	LENGTH
Character	43

Notes:

- SECONDARY_COUNTY is a derived variable from Survey Question C5.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4 or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various counties.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	1662
	Non-Missing	164
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_STATE	State of secondary dental position in March 2006 (from ZIP Code)

TYPE	LENGTH
Character	2

Notes:

- SECONDARY_STATE is a derived variable from Survey Question C5.
- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or respondents who marked "1" (N=1382) for Question C4 or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	76
-8	Not Applicable	1484
CO	Colorado	164
	Non-Colorado	102
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_RUCA2	RUCA code of secondary dental position in March 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- SECONDARY_RUCA2 is a derived variable from Survey Question C5.

  Rural/urban commuting area (RUCA) codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or marked "1" (N=1382) for Question C4 or respondents who indicated a non-Colorado secondary practice site for Questions C5 (N=102) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 1.0-10.5.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	1662
Discontinuous	1.0-10.5	164
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_FIPS	FIPS code of secondary dental position in March 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- SECONDARY_FIPS is a derived variable from Survey Question C5.

  Federal information processing standards (FIPS) codes are a standardized set of numeric or alphabetic codes issued by the National Institute of Standards and Technology (NIST) to ensure uniform identification of geographic entities through all federal government agencies. The entities covered include: states and statistically equivalent entities, counties and statistically equivalent entities, named populated and related location entities (such as places and county subdivisions), and American Indian and Alaska Native areas. For more information on FIPS codes, refer to http://www.census.gov/geo/www/fips/fips.html.

- Not Applicable = Respondents who marked "No" (N=94) for Survey Question C3a and were skipped to Section D or marked "1" (N=1382) for Question C4 or respondents who indicated a non-Colorado secondary practice site for Questions C5 (N=102) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 8001-8125.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	1662
Discontinuous	8001-8125	164
TOTAL		1826

DERIVED VARIABLE

VARIABLE NAME		**DESCRIPTION**
AGE_GROUP		Age in 2006 (grouped variable)

TYPE	**LENGTH**
Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for AGE_GROUP are available in the codebook.
- AGE_GROUP is a derived variable subtracting the year of birth (Survey Question D6) from the year of the dentist survey (2006).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
-8	Not Applicable	0
1	34 Years or Under	145
2	35-44 Years	307
3	45-54 Years	609
4	55-64 Years	587
5	65 Years or Over	156
TOTAL		1826

DERIVED VARIABLE

VARIABLE NAME		**DESCRIPTION**
AGE		Age in 2006

TYPE	**LENGTH**
Numeric	8

Notes:

- To maintain respondent confidentiality, only aggregate data for AGE are available in the codebook.
- AGE is a derived variable subtracting the year of birth (Survey Question D6) from the year of the dentist survey (2006).
- Discontinuous variable: Range 26-82.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
-8	Not Applicable	0
Discontinuous	26-82	1804
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_URBAN	Urban/rural classification of Colorado ZIP Code of residence in 2006

	TYPE	LENGTH
	Numeric	8

Notes:

- HOME_URBAN is a derived variable using Colorado ZIP Codes from Survey Question D7 to classify urban/rural areas.

  Rural/urban commuting area (RUCA) codes (version 2.0) were used to classify rural and urban areas. RUCA codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who indicated a non-Colorado residence for Survey Question D7 (N=530) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	562
1	Colorado: Urban Classification	1083
2	Colorado: Rural Classification	181
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_CITY	City of residence in 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Character	28

Notes:

- HOME_CITY is a derived variable using ZIP Codes from Survey Question D7.

- Not Applicable = Respondents who indicated a non-Colorado residence for Survey Question D7 (N=530) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Non-missing includes various cities.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	562
	Non-Missing	1264
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_COUNTY	County of residence in 2006 (from Colorado ZIP Code)
	TYPE	**LENGTH**
	Character	43

Notes:

- HOME_COUNTY is a derived variable using ZIP Codes from Survey Question D7.
- Not Applicable = Respondents who indicated a non-Colorado residence for Survey Question D7 (N=530) <u>or</u> miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-missing includes various counties.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	562
	Non-Missing	1264
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_STATE	State of residence in 2006 (from ZIP Code)
	TYPE	**LENGTH**
	Character	2

Notes:

- HOME_STATE is a derived variable using ZIP Codes from Survey Question D7.
- Not Applicable = Miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).
- Non-Colorado includes various states using two-character abbreviations.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	23
-8	Not Applicable	9
CO	Colorado	1264
	Non-Colorado	530
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_RUCA2	RUCA code of residence in 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- HOME_RUCA2 is a derived variable using ZIP Codes from Survey Question D7.

  Rural/urban commuting area (RUCA) codes are a sub-county measure of urban/rural status based on 2000 Census data and 2006 ZIP Code areas. They are more specific than larger county-based definitions in order to more accurately classify intra-county areas as rural or urban. For more information on RUCA codes, refer to http://depts.washington.edu/uwruca/index.html.

- Not Applicable = Respondents who indicated a non-Colorado residence for Survey Question D7 (N=530) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 1.0-10.6.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	562
Discontinuous	1.0-10.6	1264
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_FIPS	FIPS code of residence in 2006 (from Colorado ZIP Code)

	TYPE	LENGTH
	Numeric	8

Notes:

- HOME_FIPS is a derived variable using ZIP Codes from Survey Question D7.

  Federal information processing standards (FIPS) codes are a standardized set of numeric or alphabetic codes issued by the National Institute of Standards and Technology (NIST) to ensure uniform identification of geographic entities through all federal government agencies. The entities covered include: states and statistically equivalent entities, counties and statistically equivalent entities, named populated and related location entities (such as places and county subdivisions), and American Indian and Alaska Native areas. For more information on FIPS codes, refer to http://www.census.gov/geo/www/fips/fips.html.

- Not Applicable = Respondents who indicated a non-Colorado residence for Survey Question D7 (N=530) or miscellaneous reasons. See Business Rules for Data Cleaning (p. 125).

- Discontinuous variable: Range 8001-8125.

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	0
-8	Not Applicable	562
Discontinuous	8001-8125	1264
TOTAL		1826

APPENDIX A
BUSINESS RULES FOR DATA CLEANING

The Colorado Health Institute (CHI) used the following business rules to edit data obtained from the 2006 dentist survey. Numbers in parentheses are the question numbers as they appeared in the survey.

For more information, contact Anna Furniss at 303.831.4200, x 204 or at furnissa@coloradohealthinstitute.org.

General Rules
1.   Questions that were skipped or left blank, without an instruction to do so, were coded as -9 (missing/unknown). Questions that were part of a skip pattern or that contained invalid or out-of-range values were coded as -8 (not applicable).
2.   The data reflect differences between (1) a respondent specifying "N/A," (2) an "N/A" value due to an enforced skip pattern, etc., or (3) a blank value.
3.   If more than one form was received for a given respondent, the earliest form, based on the time stamp of a Web-entered survey or the date a paper form was received at CHI, was retained.
4.   If respondent provided a two-digit number for a variable that requested a four-digit year (A1, A3b, D6), the 21st century was assumed if the value was "00" through "06"; otherwise, the 20th century was assumed (e.g., if "99" was entered, 1999 was assumed).
5.   For questions requesting a state, ZIP Code or "Country if not US" (A1, A3b, C2, D1), the country was coded as "USA" if a valid state or ZIP Code was entered as the response to those variables.
6.   For questions with instructions to "mark all that apply" (A2, B1, B3, C3c, C6b, C6c, C10, C11, C12, D3b, D4), because "No" was not given as a choice, all unmarked choices were set to -9 (missing/unknown) whether or not any of the choices were checked.
7.   For questions that asked for free-text specification, if "Other" was **not** selected (B1, C3c, C6b, C6c, C8, C10, C12, D3b), but the respondent entered text in the associated text field, "Other" was recoded as selected. If "Other" was selected, but there was no text entered in the text field, it was coded as -9 (missing/unknown).
8.   City name variables created from ZIP Codes (C2, C5, D7) are the USPS-designated "preferred" city name corresponding to that ZIP Code.
9.   If a ZIP Code was entered but could not be matched to a code from Centrus and the corresponding state variable was left blank, the ZIP Code variable was recoded as -8 (not applicable).
10.   One survey form was received with its form number removed and was coded during the data entry phase as number "9999."
11.   Two surveys had their survey form numbers misentered during the data entry (4729 was entered as 7429 and 3054 was entered as 8053). These errors were corrected.

Section A: Education
1.   Because this survey was conducted in 2006, graduation from dental school (A1) in 2007 or later was considered an error and recoded as -8 (not applicable).
2.   If the year of graduation from dental school (A1) was less than 18 years after year of birth (D6), the year of graduation from dental school was coded as -8 (not applicable).

3.   If the year of completion of postgraduate specialty training (A3b) was less than 18 years after year of birth (D6), the year of training completion was coded as -8 (not applicable).
4.   Because this survey was conducted in 2006, training completed in 2007 or later was assumed to have been prematurely reported and thus responses for A3a and A3b were coded as -8 (not applicable).
5.   The response entered as 19900000 for A3b was recoded as 1990.

Section B: Licensing/Certification
1. If the code listed for a state of licensure (B2) did not match any of the standard two-letter abbreviations for a state, the District of Columbia or a U.S. territory, responses were recoded as -8 (not applicable).

Section C: Employment
1.   If C1a was marked "No," any subsequent responses for C1b or C2 were recoded to -8 (not applicable).
2.   If C1b was marked "No," any subsequent response for C2 was recoded to -8 (not applicable).
3.   If C3a was marked "Yes," any subsequent responses for C3b or C3c were recoded to -8 (not applicable).
4.   If a respondent reported currently working in dentistry at only one location, responses to subsequent questions regarding a secondary location (C5, C7-C13, C20) were coded as -8 (not applicable). All primary location responses were retained.
5.   If the sum for the percentage of time spent at a primary and a secondary location (C5) was greater than 100 percent, both percentages were recoded as -8 (not applicable).
6.   If the ZIP Code entered for primary work location (C5) was **not in** Colorado, according to Centrus mapping, but the respondent indicated "Yes" for the primary work location being in Colorado (C6a), C6a was recoded as -8 (not applicable).
7.   If the number of months was given but not years (C13), or vice versa, the missing value was coded as -9 (missing/unknown).
8.   If a respondent entered that s/he was **not** offered health insurance (C15b), but indicated s/he had accepted his/her employer's offer of health insurance (C15c), both C15b and C15c were recoded as -8 (not applicable).
9.   If C17a was marked "No," a subsequent response to C17b was recoded as -8 (not applicable).
10. Any response of greater than 100 for number of hours worked during a week was recoded as -8 (not applicable).
11. If the components summed to greater than 100 percent, all components of C18b were recoded as -8 (not applicable).

Section D: General Information
1.   If D3a was marked "No," but one or more languages were checked for D3b, then D3a was recoded as "Yes."

APPENDIX B
DEMOGRAPHIC MATRIX

2006 Dentist Survey (N=1,826)		*DORA Database[12]* (N=4,449)	
All			
Gender (N=1,817)[3]		**Gender** (N=4,291)	
Male	84%	Male	84%
Female	16%	Female	16%
Degree (N=1,822)[45]		**Degree** (N=4,427)	
DDS	88%	DDS	90%
DMD	11%	DMD	10%
State (N=1,702)[6]		**State** (N=4,366)[7]	
In state	70%	In state	73%
Out of state	30%	Out of state	27%
Colorado Dentists Only			
Gender (N=1,187)[8]		**Gender** (N=3,065)[9]	
Male	83%	Male	84%
Female	17%	Female	16%
Degree (N=1,188)[1011]		**Degree** (N=3,170)	
DDS	88%	DDS	90%
DMD	11%	DMD	10%
RUCA Regions (N=1,167)[12]		**RUCA Regions** (N=3,182)[13]	
Urban	86%	Urban	88%
Rural	14%	Rural	12%
Age (N=1,179)[14]			
Average	50 (±11)		
Median	51		
Mode	54		

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1 Licensees with status "Active" only.
2 As of February 6, 2006.
3 Question D5.
4 Question A2.
5 One respondent reported holding both degrees.
6 Question C6a- Primary practice location in Colorado
7 Based on ZIP Code of mailing address. Hence, those with invalid ZIP Codes and addresses outside coverage of US Postal Service were excluded.
8 Questions D5 & C6a.
9 Guessed, based on algorithm that::
   • Looks at first name. If high degree of confidence not had, we then,
   • Look at middle name. If still not confident, we then,
   • Look for a suffix (as virtually always a suffix (Jr, Sr, II, etc) suggests a male.
10 Questions A2 &C6a.
11 One respondent reported holding both degrees.
12 Excludes those for whom: While Question C6a indicates primary practice site is in Colorado, ZIP Code at C5 maps to another state.
13 Based on ZIP Code of mailing address.
14 Age is calculated by subtracting year of birth (Question D6) from 2006 (year of survey).