



2006 Colorado Dentist Workforce Survey

*Codebook and Variable Frequencies
Report – Public Use File*

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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 workforce databases is being constructed to complement existing health professions workforce data. From these data, CHI is developing a set of indicators that will document changes in health care workforce supply and demand as well as practice patterns that exist in Colorado communities over time. A database download function is being developed to enable visitors to the CHI Web site to download health professions data and customize reports by profession and geographic location.

2006 COLORADO DENTIST WORKFORCE SURVEY

Methods

The survey was administered in two waves by mail and Internet beginning on March 15, 2006. The first wave was a cover letter and survey questionnaire sent to the 4,427 dentists identified in the state's licensing database. The survey forms were mailed to the contact address in each licensee's file at the Colorado Department of Regulatory Agencies (DORA). This address may have been the dentist's home or practice location.

On April 14, 2006, a second mailing went out that included a cover letter and questionnaire

Response rate

CHI received survey responses from 1,125 dentists as a result of the first mailing of questionnaires which ended April 16, 2006. The second questionnaire mailing yielded an additional 701 completed surveys. In total, CHI received survey responses from 1,826 dentists or 42 percent of those who were mailed a survey form. The following table shows the final disposition of surveys by response category.

Final Disposition	Number
Surveys mailed to Colorado dentist population	4,427
Undeliverable	33
Eligible sample	4,394
Returned completed questionnaires (1 st wave)	1,125
Returned completed questionnaires (2 nd wave)	701
Return Rate	41.6%

Data from the paper questionnaires returned to CHI were entered into an electronic database (N=1,666). In addition, 160 forms were electronically submitted to CHI via an online option on the internet. With the paper forms, CHI randomly selected 59 (5%) questionnaires for data entry validation. Data entry was 99+ percent accurate across all survey variables entered. Data verification and cleaning were conducted with a series of quality checks to ensure data completeness and adherence to formatting protocols [See Appendix A for Data Cleaning 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. 57) displays a matrix that delineates a series of demographic findings gleaned from the 2006 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.

PUBLIC USE DATA FILE

This codebook specifies the variables contained in the 2006 CHI Colorado Dentist Workforce Survey public use file (PUF). The file contains 1,826 records, one for each respondent, and includes a weight variable. The PUF contains 124 variables. [See the list of variables on p. 6-9 for the variables contained in the PUF].

The PUF is available for anyone to analyze. To minimize any risk of indirect identification and ensure confidentiality of survey respondents, sub-state geographic identifiers such as county, city and ZIP Code, and other sensitive variables such as graduation year, are removed or rolled up into categorical variables. Users of the PUF must fill out a registration form.

All users of the data must include the following citation in any public release of the data or its subsequent analysis: "Source: The 2006 Dentist Workforce Survey, Colorado Health Institute."

In addition, CHI requests that interested individuals and organizations using the database share their analysis and findings with CHI by contacting Christine Demont-Heinrich at 720.382.7093, or by e-mail at demont-heinrich@coloradohealthinstitute.org.

Technical information

The PUF is released as SAS, comma-delimited, Excel and SPSS files. In addition, a sampling and response summary by strata is provided in Appendix B.

Codebook structure

The codebook lists variable labels in the order in which they appear on the questionnaire. Each variable includes a name, description and any appropriate technical notes. The last 13 variables in the codebook were created from survey questions and re-coded to protect the confidentiality of survey respondents.

For each variable, an unweighted and weighted frequency is provided. The unweighted sum for each variable totals 1,826, that is, the number of survey respondents.

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

ZIP CODE _____

% TIME _____

SECONDARY LOCATION

ZIP CODE _____

% 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 YES NO **SECONDARY** YES NO

PLEASE TURN FORM OVER →

LISTING OF VARIABLES

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1	GRAD_YR_GRP	Year graduated from dental school
A1	GRAD_STATE_CO	State where dental school is located
A2	DEGR_DDS	Educational degree completed: DDS
A2	DEGR_DMD	Educational degree completed: DMD
A3a	POSTGRAD_SPEC	Specialty training completed after dental school graduation
A3b	POSTGRAD_SPEC_STATE_CO	State of post-graduate specialty training
A3b	POSTGRAD_SPEC_YR_GRP	Year post-graduate specialty training completed
B1	LIC_DH	License ever held: Dental hygiene
B1	LIC_DENT	License ever held: Dentist
B1	LIC_OTHER	License ever held: Other
B2	STATE1_LIC_CO	As of March 2006, state in which actively licensed – First state
B2	STATE2_LIC_CO	As of March 2006, state in which actively licensed – Second state
B2	STATE3_LIC_CO	As of March 2006, state in which actively licensed – Third state
B3	BCERT_ENDO	As of March 2006, board certified: Endodontics
B3	BCERT_ORTHO	As of March 2006, board certified: Orthodontics
B3	BCERT_PEDS	As of March 2006, board certified: Pediatric dentistry
B3	BCERT_PERIO	As of March 2006, board certified: Periodontics
B3	BCERT_OMS	As of March 2006, board certified: Oral/Maxillofacial Surgery
C1a	TWOYRS_LIC	Licensed in dentistry in March 2004
C1b	TWOYRS_WORKED	Working in dentistry in March 2004
C3a	WORK_CURRENT	Currently working in dentistry as of March 2006
C3b	EMPL_STATUS_GRP	Employment status, grouped
C3c	RSN_NOTWRK_DISABLE	Reason not working as dentist: Disability/health reasons
C3c	RSN_NOTWRK_RETIRE	Reason not working as dentist: Retirement
C3c	RSN_NOTWRK_OTHER	Reason not working as dentist: Other
C4	LOCATION_COUNT	Number of different work locations in March 2006
C5	PRIMARY_PCT_GRP	Percent of time worked at current primary location, grouped
C5	SECONDARY_PCT_GRP	Percent of time worked at current secondary location, grouped
C6a	PRIMARY_CO	Location of primary dental site in Colorado
C6b	RSN_OUTCO_PROF	Reason for working outside Colorado: Professional opportunity
C6b	RSN_OUTCO_GEOG	Reason for working outside Colorado: Geographic environ
C6b	RSN_OUTCO_FAMILY	Reason for working outside Colorado: Family
C6b	RSN_OUTCO_PAY	Reason for working outside Colorado: Better pay
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
C6c	RSN_COLIC_RETURN	Reason for maintaining a Colorado license: Expect to return to Colorado to live

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
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
C7	OWNPRAC_PRIMARY	Own practice at primary location
C8	FACILITY_PRIMARY_GRP	Work setting of current primary dental position
C8	FACILITY_SECONDARY_GRP	Work setting of current secondary dental position
C9	CATEGORY_PRIMARY_GRP	Category of current primary dental position
C9	CATEGORY_SECONDARY_GRP	Category of current secondary dental position
C10	TITLE_PRIMARY_PRACTDENT	Title of primary dental position: Practicing dentist
C10	TITLE_PRIMARY_MGRDIR	Title of primary dental position: Manager/Director
C10	TITLE_PRIMARY_EDUC	Title of primary dental position: Educator/Faculty
C10	TITLE_PRIMARY_CONSLT	Title of primary dental position: Consultant
C10	TITLE_SECONDARY_PRACTDENT	Title of secondary dental position: Practicing dentist
C10	TITLE_SECONDARY_EDUC	Title of secondary dental position: Educator/Faculty
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_ORALPATH	Focus area of primary dental-related work: Oral Pathology
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_IMPLANT	Focus area of secondary dental-related work: Implantology
C11	SPECIALTY_SECONDARY_ENDO	Focus area of secondary dental-related work: Endodontics
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
C12	EQUIP_PRIMARY_CST	Equipment used for amalgam removal at primary work setting: Chair side trap

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
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_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_NA	Equipment used for amalgam removal at secondary work setting: Not applicable
C12	TOTYRS_PRIM_GRP	Total years at primary position, grouped
C12	TOTYRS_SEC_GRP	Total years at secondary position, grouped
C14	CONT_WORK_RANGE	Years plan to continue working in dentistry
C15a	HLTH_INS	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_GRP	Gross annual salary for all dental-related employment in 2005, grouped
C17a	CHARITY	Provide free or charity care
C18a	ONEWK_HRS_GRP	Hours worked for pay in a one-week period
C18b	PCT_CARE_GRP	Percent of time in direct patient care
C18b	PCT_TEACH_RES_GRP	Percent of time in dental-related academic teaching/research
C18b	PCT_TRAIN_EDUC_GRP	Percent of time attending dental-related training
C18b	PCT_ACTVT_GRP	Percent of time in other dental-related activities
C19a	RATE_BEG_COLLEGE	Beginning college today, respondent would choose dentistry
C19b	RATE_RECOMMEND	Respondent would recommend dentistry to friend or family member
C20b	SERVE_MCAID_PRIMARY	Primary worksite: Provide care to Medicaid patients
C20b	ACCEPT_NEW_MCAID_PRIMARY	Primary worksite: Accept new Medicaid patients
C20b	SERVE_CHP_PRIMARY	Primary worksite: Provide care to CHP+ patients
C20b	ACCEPT_NEW_CHP_PRIMARY	Primary worksite: Accept new CHP+ patients
D1	GREWUP_STATE_CO	State where respondent grew up, grouped
D1	GREWUP_CTRY_USA	Country where respondent grew up, grouped
D2	GREWUP_LOCATION	Community where respondent grew up
D3a	LANG	Speak language in addition to English
D3b	LANG_FRENCH	Additional language: French
D3b	LANG_SPANISH	Additional language: Spanish
D3b	LANG_OTHER	Additional language: Other
D4	WHITE	Race/ethnicity, grouped
D5	GENDER	Gender
D6	BIRTH_YR_GRP	Year of birth, grouped

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
CREATED VARIABLE	GRAD_NUMYRS_GRP	Years since graduating from dental school, grouped
CREATED VARIABLE	GRAD_AGE_GRP	Age at graduation from dental school, grouped
CREATED VARIABLE	PGSPEC_NUMYRS_GRP	Years since completed specialty training, grouped
CREATED VARIABLE	PGSPEC_AGE_GRP	Age at completion of specialty training, grouped
CREATED VARIABLE	TWOYRS_URBAN_FROM_ZIP	Urban/rural classification of 2004 practice location ZIP Code
CREATED VARIABLE	TWOYRS_STATE_CO	State licensed to practice as dentist in March 2004 (from ZIP Code)
CREATED VARIABLE	PRIMARY_URBAN_FROM_ZIP	Urban/rural classification of primary location ZIP Code
CREATED VARIABLE	PRIMARY_STATE_CO	State of primary dental position in March 2006 (from ZIP Code)
CREATED VARIABLE	SECONDARY_URBAN_FROM_ZIP	Urban/rural classification of secondary location ZIP Code
CREATED VARIABLE	SECONDARY_STATE_CO	State of secondary dental position in March 2006 (from ZIP Code)
CREATED VARIABLE	AGE_GRP	Age in 2006, grouped
CREATED VARIABLE	HOME_URBAN_FROM_ZIP	Urban/rural classification of home ZIP Code
CREATED VARIABLE	HOME_STATE_CO	State of residence in 2006 (from ZIP Code)

CODEBOOK AND FREQUENCIES

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A1	GRAD_YR_GRP	Year graduated from dental school
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	8
-8	Not Applicable	5
1	1969 or before	225
2	1970-1979	561
3	1980-1989	576
4	1990-1999	285
5	2000 or after	166
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A	GRAD_STATE_CO	State where dental school is located
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	21
0	Non-Colorado	1504
1	Colorado	301
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2	DEGR_DDS	Educational degree completed: DDS
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	213
1	Yes	1613
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A2	DEGR_DMD	Educational degree completed: DMD
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1616
1	Yes	210
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3a	POSTGRAD_SPEC	Specialty training completed after dental school graduation
	TYPE	LENGTH
	Numeric	8

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_STATE_CO	State of post-graduate specialty training
	TYPE	LENGTH
	Numeric	8

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

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
A3b	POSTGRAD_SPEC_YR_GRP	Year post-graduate specialty training completed
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	58
-8	Not Applicable	1217
1	1969 or before	24
2	1970-1979	136
3	1980-1989	180
4	1990-1999	132
5	2000 or after	79
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1	LIC_DH	License ever held: Dental hygiene
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1803
1	Yes	23
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1	LIC_DENT	License ever held: Dentist
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
1	Yes	1804
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B1	LIC_OTHER	License ever held: Other
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1782
1	Yes	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2	STATE1_LIC_CO	As of March 2006, state in which actively licensed – First state
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	20
0	Non-Colorado	464
1	Colorado	1342
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2	STATE2_LIC_CO	As of March 2006, state in which actively licensed – Second state
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1111
0	Non-Colorado	411
1	Colorado	304
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B2	STATE3_LIC_CO	As of March 2006, state in which actively licensed – Third state
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1554
0	Non-Colorado	184
1	Colorado	88
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3	BCERT_ENDO	As of March 2006, board certified: Endodontics
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1789
1	Yes	37
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3	BCERT_ORTHO	As of March 2006, board certified: Orthodontics
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1750
1	Yes	76
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3	BCERT_PEDS	As of March 2006, board certified: Pediatric dentistry
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1777
1	Yes	49
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3	BCERT_PERIO	As of March 2006, board certified: Periodontics
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1779
1	Yes	47
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
B3	BCERT_OMS	As of March 2006, board certified: Oral and maxillofacial surgery
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1760
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
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

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
C3a	WORK_CURRENT	Currently working in dentistry as of March 2006
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	11
0	No	94
1	Yes	1721
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3b	EMPL_STATUS_GRP	Employment status, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	15
-8	Not Applicable	1721
1	Unemployed	23
2	Retired or working in another field	67
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c	RSN_NOTWRK_DISABLE	Reason for not working as dentist: Disability/health reasons
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	1721
1	Yes	20
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c	RSN_NOTWRK_RETIRE	Reason not working as dentist: Retirement
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	61
-8	Not Applicable	1721
1	Yes	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C3c	RSN_NOTWRK_OTHER	Reason not working as dentist: Other
	TYPE	LENGTH
	Numeric	8

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

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C4	LOCATION_COUNT	Number of different work locations in March 2006
	TYPE	LENGTH
	Numeric	8

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_PCT_GRP	Percentage of time worked at current primary location, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	95
1	0-50 percent	89
2	51-75 percent	90
3	76-99 percent	160
4	100 percent	1307
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C5	SECONDARY_PCT_GRP	Percentage of time worked at current secondary location, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	58
-8	Not Applicable	1477
1	0-10 percent	80
2	11-20 percent	79
3	21-40 percent	88
4	41-100 percent	44
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6a	PRIMARY_CO	Location of primary dental site in Colorado
	TYPE	LENGTH
	Numeric	8

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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	326
-8	Not Applicable	1285
1	Yes	215
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b	RSN_OUTCO_GEOG	Reason for working outside Colorado: Geographic environment
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	467
-8	Not Applicable	1285
1	Yes	74
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b	RSN_OUTCO_FAMILY	Reason for working outside Colorado: Family
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	306
-8	Not Applicable	1285
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	498
-8	Not Applicable	1285
1	Yes	43
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b	RSN_OUTCO_COST	Reason for working outside Colorado: Cost of living
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	509
-8	Not Applicable	1285
1	Yes	32
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b	RSN_OUTCO_MILITARY	Reason for working outside Colorado: Military
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	484
-8	Not Applicable	1285
1	Yes	57
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C6b	RSN_OUTCO_OTHER	Reason for working outside Colorado: Other
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	445
-8	Not Applicable	1285
1	Yes	96
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	262
-8	Not Applicable	1285
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	385
-8	Not Applicable	1285
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	420
-8	Not Applicable	1285
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	398
-8	Not Applicable	1285
1	Yes	143
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C7	OWNPRAC_PRIMARY	Own practice at primary location
	TYPE	TYPE
	Numeric	8

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
C8	FACILITY_PRIMARY_GRP	Work setting of current primary dental position
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	31
-8	Not Applicable	94
1	Solo dentist practice	1017
2	Group dental practice or multi-specialty clinic	478
3	Public health or community health agency or volunteer clinic	61
4	Academic/university/college	48
5	Other	97
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C8	FACILITY_SECONDARY_GRP	Work setting of current secondary dental position
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing Unknown	58
-8	Not Applicable	1476
1	Solo dentist practice	93
2	Group dental practice or multi-specialty clinic	108
3	Public health or community health agency or volunteer clinic	26
4	Academic/university/college	22
5	Other	43
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C9	CATEGORY_PRIMARY_GRP	Category of current primary dental position
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	54
-8	Not Applicable	94
1	Military or state/federal government	130
2	Employee of organization or employment agency	229
3	Self-employed	1319
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C9	CATEGORY_SECONDARY_GRP	Category of current secondary dental position
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	66
-8	Not Applicable	1476
1	Military or state/federal government	39
2	Employee of organization or employment agency	82
3	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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	100
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1546
-8	Not Applicable	94
1	Yes	186
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10	TITLE_PRIMARY_CONSLT	Title of primary dental position: Consultant
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1708
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1658
-8	Not Applicable	94
1	Yes	74
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10	TITLE_SECONDARY_PRACTICENT	Title of secondary dental position: Practicing dentist
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	94
-8	Not Applicable	1476
1	Yes	256
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C10	TITLE_SECONDARY_EDUC	Title of secondary dental position: Educator/Faculty
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
1	Yes	33
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11	SPECIALTY_PRIMARY_GEN	Focus area of primary dental-related work: General dentistry
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	452
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1207
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1538
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1375
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1537
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1324
-8	Not Applicable	94
1	Yes	408
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11	SPECIALTY_PRIMARY_ORALPATH	Focus area of primary dental-related work: Oral pathology
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1665
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1670
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1379
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1529
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1429
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1448
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1321
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1678
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	229
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	315
-8	Not Applicable	1476
1	Yes	35
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11	SPECIALTY_SECONDARY_IMPLANT	Focus area of secondary dental-related work: Implantology
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	311
-8	Not Applicable	1476
1	Yes	39
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11	SPECIALTY_SECONDARY_ENDO	Focus area of secondary dental-related work: Endodontics
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	310
-8	Not Applicable	1476
1	Yes	40
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C11	SPECIALTY_SECONDARY_ORALSURG	Focus area of secondary dental-related work: Oral surgery
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	294
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	297
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	305
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	312
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	317
-8	Not Applicable	1476
1	Yes	33
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	807
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	917
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1426
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1711
-8	Not Applicable	94
1	Yes	21
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1447
-8	Not Applicable	94
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	241
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	269
-8	Not Applicable	1476
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	316
-8	Not Applicable	1476
1	Yes	34
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

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	250
-8	Not Applicable	1476
1	Yes	100
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C13	TOTYRS_PRIM_GRP	Total years at primary position, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	34
-8	Not Applicable	94
1	0-5 years	428
2	6-15 years	390
3	16-25 years	451
4	More than 25 years	429
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C13	TOTYRS_SEC_GRP	Total years at secondary position, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	85
-8	Not Applicable	1476
1	0-2 years	92
2	3-5 years	45
3	6-10 years	61
4	More than 10 years	67
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C14	CONT_WORK_RANGE	Years plan to continue working in dentistry
	TYPE	LENGTH
	Numeric	8

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

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

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

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_GRP	Gross annual salary for all dental-related employment in 2005
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	117
-8	Not Applicable	94
1	Less than \$50,00 or did not work as dentist	89
2	\$50,000-\$149,999	627
3	\$150,000-\$249,999	492
4	\$250,000-\$349,999	213
5	\$350,000 or more	194
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C17a	CHARITY	Provides free or charity care
	TYPE	LENGTH
	Numeric	8

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
C18a	ONEWK_HRS_GRP	Hours worked for pay in a one-week period
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	40
-8	Not Applicable	107
1	0-32 hours	702
2	33-40 hours	771
3	More than 40 hours	206
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b	PCT_CARE_GRP	Percent of time in direct patient care
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	36
-8	Not Applicable	207
1	0-60 percent	102
2	61-80 percent	362
3	81-90 percent	483
4	91-100 percent	636
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b	PCT_TEACH_RES_GRP	Percent of time in dental-related academic teaching/research
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	1228
-8	Not Applicable	207
1	0 percent	171
2	1-10 percent	144
3	11-20 percent	27
4	21-100 percent	49
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b	PCT_TRAIN_EDUC_GRP	Percent of time attending dental-related training
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	715
-8	Not Applicable	207
1	0 percent	29
2	1-5 percent	686
3	6-10 percent	150
4	11-100 percent	39
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C18b	PCT_ACTVT_GRP	Percent of time in other dental-related activities
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	563
-8	Not Applicable	207
1	0-10 percent	681
2	11-20 percent	261
3	21-40 percent	84
4	41-100 percent	30
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C19a	RATE_BEG_COLLEGE	Beginning college today, respondent would choose dentistry
	TYPE	LENGTH
	Numeric	8

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

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
C20b	SERVE_MCAID_PRIMARY	Primary worksite: Provide care to Medicaid patients
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	82
-8	Not Applicable	94
0	No	1092
1	Yes	411
2	N/A-Response	147
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20c	ACCEPT_NEW_MCAID_PRIMARY	Primary worksite: Accept new Medicaid patients
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	91
-8	Not Applicable	94
0	No	1088
1	Yes	330
2	N/A-Response	223
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20d	SERVE_CHP_PRIMARY	Primary worksite: Provide care to CHP patients
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	131
-8	Not Applicable	94
0	No	812
1	Yes	431
2	N/A-Response	358
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
C20e	ACCEPT_NEW_CHP_PRIMARY	Primary worksite: Accept new CHP patients
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	135
-8	Not Applicable	94
0	No	802
1	Yes	402
2	N/A-Response	393
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D1	GREWUP_STATE_CO	State where respondent grew up, grouped
	TYPE	LENGTH
	Numeric	8

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

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D1	GREWUP_CTRY_USA	Country in which respondent grew up, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	36
0	Non-USA	31
1	USA	1759
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
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
0	No	1366
1	Yes	439
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b	LANG_FRENCH	Additional language: French
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	399
-8	Not Applicable	1366
1	Yes	61
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b	LANG_SPANISH	Additional language: Spanish
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	188
-8	Not Applicable	1366
1	Yes	272
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D3b	LANG_OTHER	Additional language: Other
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	284
-8	Not Applicable	1366
1	Yes	176
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D4	WHITE	Ethnicity/Race, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	63
0	Non-white	114
1	White	1649
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D5	GENDER	Gender
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	9
1	Male	1535
2	Female	282
TOTAL		1826

QUESTION NUMBER	VARIABLE NAME	DESCRIPTION
D6	BIRTH_YR_GRP	Year of birth, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
1	1941 or before	156
2	1942-1951	587
3	1952-1961	609
4	1962-1971	307
5	1972 or after	145
TOTAL		1826

Created variables

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_NUMYRS_GRP	Years since graduating from dental school, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	13
1	5 years or less	141
2	6-15 years	284
3	16-25 years	533
4	26-35 years	590
5	36 years or more	265
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	GRAD_AGE_GRP	Age at graduation from dental school, grouped
	TYPE	LENGTH
	Numeric	8

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	32
1	25 years or younger	382
2	26-30 years	1161
3	31-35 years	195
4	36 years or older	56
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_NUMYRS_GRP	Years since completed specialty training, grouped
TYPE	LENGTH	
Numeric	8	

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 years or more	28
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PGSPEC_AGE_GRP	Age at completion of specialty training, grouped
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	67
-8	Not Applicable	1213
1	30 years or younger	262
2	31-40 years	253
3	41 years or older	31
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_URBAN_FROM_ZIP	Urban/rural classification of 2004 practice location ZIP Code
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	54
-8	Not Applicable	173
0	Colorado: Rural Classification	267
1	Colorado: Urban Classification	1332
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	TWOYRS_STATE_CO	State of primary dentistry position in March 2004 (from ZIP Code)
TYPE	LENGTH	
Character	2	

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

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_URBAN_FROM_ZIP	Urban/rural classification of primary location ZIP Code
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	49
-8	Not Applicable	123
0	Colorado: Rural Classification	279
1	Colorado: Urban Classification	1375
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	PRIMARY_STATE_CO	State of primary dental position in March 2006 (from ZIP Code)
TYPE	LENGTH	
Numeric	8	

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

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_URBAN_FROM_ZIP	Urban/rural classification of secondary location ZIP Code
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	76
-8	Not Applicable	1484
0	Rural	60
1	Urban	206
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	SECONDARY_STATE_CO	State of secondary dental position in March 2006 (from ZIP Code)
TYPE	LENGTH	
Character	2	

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

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	AGE_GRP	Age in 2006, grouped
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	22
1	34 years or younger	145
2	35-44 years	307
3	45-54 years	609
4	55-64 years	587
5	65 years or older	156
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_URBAN_FROM_ZIP	Urban/rural classification of home ZIP Code
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	23
-8	Not Applicable	26
1	Colorado: Rural Classification	304
0	Colorado: Urban Classification	1473
TOTAL		1826

DERIVED VARIABLE	VARIABLE NAME	DESCRIPTION
	HOME_STATE_CO	State of residence in 2006 (from ZIP Code)
TYPE	LENGTH	
Numeric	8	

VALUE	VALUE LABEL	FREQUENCY
-9	Missing/Unknown	23
-8	Not Applicable	9
0	Non-Colorado	530
1	Colorado	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 Rebecca Crepin at 720.382.7086 or at crepinr@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 Database¹² (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		

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 Gussed, 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).