



COLORADO HOUSEHOLD SURVEY 2008–09

Data Dictionary – Public Use File

Colorado Department of Health Care Policy
and Financing
1570 Grant Street
Denver, Colorado 80203-1818
Contact: Rene Horton, Business Analysis Section
Manager, Rene.Horton@state.co.us

Contact for technical questions on data and
methods: Anna Furniss, Colorado Health
Institute, furnissa@coloradohealthinstitute.org

December 2009

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Introduction

In November 2008, the 2008–09 Colorado Household Survey (COHS) was initiated to collect information on the health insurance status of Coloradans. The COHS was sponsored by the Colorado Department of Health Care Policy and Financing and funded by The Colorado Trust. The Colorado Health Institute (CHI) administered the survey and handles the maintenance of the data. The main objective of the COHS was to provide baseline information about health care coverage and access in Colorado in anticipation of state and national health reform efforts.

This data dictionary contains information regarding the data included in the COHS public use data file. The COHS public use file (PUF) can be used to generate state level and rural-urban estimates, but not regional or other sub-state estimates. Strict protocols were put in place to protect the confidentiality of the COHS respondents. Aggregated state level data are available in the PUF on the CHI Web site. The following steps were included in the data confidentiality protocols employed to minimize any risk of respondents being identified.

- 1) A rural /urban variable was created in lieu of the 21 health statistic regions, county or ZIP Code level data.
- 2) All continuous variables, such as age, annual income, years lived in Colorado, etc., were grouped into a categorical variable,
- 3) Certain categorical variables were re-grouped into broader categories. For example, specific racial and ethnic groups were grouped into a “white/non-white” variable.

Micro-level data not available on the PUF are available on the COHS research file. The research file is available to researchers who complete an application, have an approved IRB and have received approval from the Colorado Household Research Review Committee to access the COHS research file. For additional information about the COHS research file or for more detailed information on the design and methods, visit the CHI web site at <http://www.coloradohealthinstitute.org/HouseholdSurvey>.

I. Methods

The 2008–09 COHS was a telephone survey of 10,000 randomly selected households in Colorado and was administered from November 2008 to March 2009. Within each household, one member was randomly chosen as the target and a series of questions regarding health insurance coverage, health status, access to health care, health care utilization, employment and income was asked about that individual. If the person answering the telephone was at least 18 years of age and able to do so, he or she answered all survey questions about the target and answered a subset of questions (demographics and health insurance) about all members of the household. Otherwise, another adult household member who could answer these questions was interviewed. In addition, the growing trend of cell phone-only households precipitated the inclusion of 400 randomly selected individuals at least 18 years of age who live in a household where only a cell phone is used for telecommunication.

The COHS was stratified by the 21 Health Statistics Regions developed by the Colorado Department of Public Health and Environment (CDPHE) to ensure adequate representation from all areas of the state

(Figure 1)¹. Regions 4, 15 and 20 were further stratified by telephone exchange to maximize the number of completed African–American interviews. In addition, once the household roster was established, the probability that the computer would select a child under the age of 18 as the target was increased by 10 percent to bolster the representation of children in the COHS sample. In late January 2009, interviews for which there was no one under the age of 65 in the household were terminated in order to limit the proportion of adults ages 65 and older to more closely approximate their numeric representation in Colorado’s general population.

A weight variable is included in the research file which adjusts for the sampling design, probability of selection and cell–phone only households. Further, the weight variable adjustment corrects for the age, race/ethnicity, gender, education and homeownership distribution of the population by region. Very large (>8) or very small (<0.1) weights were trimmed to minimize the influence that these observations could have on the estimates generated from the data. The weight variable must be applied to all descriptive and inferential statistics calculated from the COHS research file in order to correctly apportion the sample population to the overall population in Colorado².

Additional information about the COHS design and methods is available on the CHI web site at <http://www.coloradohealthinstitute.org/HouseholdSurvey>.

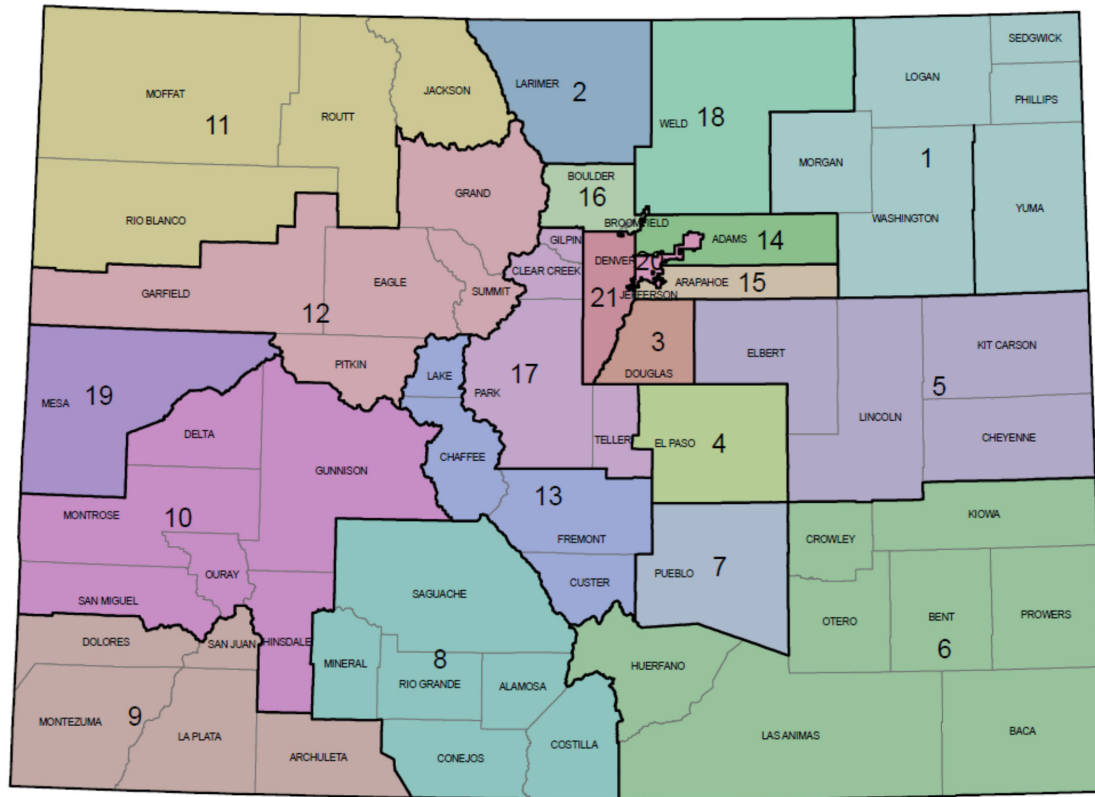
All variables included in the public use file are in reference to the target individual.

¹ The 21 Colorado Health Statistics Regions were developed by CDPHE for public health planning purposes. The boundaries for the regions were determined by the size of the population in each county (counties with smaller populations were aggregated) and key demographic factors for each county.

² Estimates will be weighted to the 2008 Colorado population estimate of 5,010,395 (SOURCE: Colorado State Demography Office)

Figure 1.

Colorado Health Statistics Regions



2. Imputation

Imputation was used to correct variable non-response, which is due to respondents not answering individual survey items. Any variable with more than 5 percent missing data was imputed through multiple regression imputation software developed for the SAS system (IVWare, University of Michigan, 2002). For ease of use, only single regression imputation was implemented.

The COHS data was generated from 10,090 completed telephone interviews. Consequently, there was a very low rate of variable non-response in the COHS data. Only the “Don’t know” or “Refused” answers to survey questions were considered as variable non-response, or missing data. Missing values generated from skip patterns in the survey instrument were not considered as eligible missing values and were not subject to imputation.

The majority of the COHS variables that were imputed were continuous in nature and are not included in the public use file. However, the categorical variables for income and out-of-pocket expense, which are included in the public use file, were created from the imputed, continuous variable.

3. Alphabetical Listings of Variables in Data File

Variable Name	Variable Label	Page Number in Data Dictionary
AGE_GRP	Grouped age (created)	10
CELL_CALLS	D9b. how many calls are received on cell phones	30
CELL_HH	D9a. if yes, how many people in HH use cell phones	29
CELL_PH	D9. for landline HH, are there any cell phones used	29
CO_LIVED	D11. number of years target has lived in Colorado	30
COST_NODENT	A9E. did NOT see a dentist in past 12 mons because of cost	25
COST_NODOC	A9C. did NOT see a doctor in past 12 mons because of cost	24
COST_NORX	A9A. did NOT fill Rx in past 12 mons because of cost	24
COST_NOSPEC	A9D. did NOT see a specialist in past 12 mons because of cost	25
CULTURAL_BG	A2c. feel cultural background is respected by hc professionals	19
DENTAL_INS	A7a. has insurance coverage for dental care (y/n)	23
DENTIST_12M	A7. did target visit a dentist/hygienist in past 12 mons	23
DOC_12M	A5. num of times in past 12 mon target visited a gen doctor	22
DOC_PREV	A5a. were any visits to gen doctor for preventive care	22
EDUCATION	S9a. Highest level of school completed	9
EMP_ADDJOB	E2A. does target have more than one job (y/n)	15
EMP_CATEGORY	E1A. type of employment (target >15 yrs old)	15
EMP_HRS_WK	E4-5. total number of hours worked / week (all jobs)	16
EMP_NUMJOBS	E3A. total number of jobs target has	15
EMP_TIME	E6A. total years at current (main) employer	16
EMPLOYED	S9aa. Employed for pay (age>15; Y/N)	10
ER_12M	A3. did target visit the ER over past 12 mons	20
ER_NOEMER	A3a. was the last ER visit for a non-emergency	20
ER_RES1	A3bA. used ER...unable to get an appt soon enough	21
ER_RES2	A3bB. used ER...needed care after normal office hrs	21
ER_RES3	A3bD. used ER...more convenient than going to regular doctor	21
ESI_DEP	E12A. ESI includes coverage for dependents	18
ESI_OFFERED	E11. employer offered health insurance to target	17
FIRM_ESI	E10A. employer offers health insurance to employees	17
FIRM_SIZE	E7A–E79. num of employees at current (main) employer	17
GENDER	S6aa. Gender	9
HEALTH_STATUS	H51. self-assessed current health status	28

Variable Name	Variable Label	Page Number in Data Dictionary
HOME_OWNER	D10. is targets residence owned or rented, etc.	30
HOSP_12M	A4. over past 12 mons did target stay over night in hospital	22
ID	Target ID	9
INC_2007_GRP	Income based on quartiles of 2007 inc (created)	32
INC_DIVIDEND	IN2A. In 2007, target/family received inc from dividends (y/n)	31
INC_MON_GRP	Income based on quartiles of monthly inc (created)	32
INC_OTH	IN2C. In 2007, target/family received inc from other sources (y/n)	31
INC_SALARY	In 2007, target/family received income from wages (y/n)	31
INSURANCE	H1B-H1M: type of health insurance (created)	12
INSURED_12M	H5. has had health ins for all of the past 12 months	13
INSURED_PIT	currently has health insurance (at time of survey)	13
LIMIT_ACTIVITY	HS2. limited in ability to wrk because of health, emot, mental issues	28
MARITAL_STATUS	S11. Marital status	11
NOCARE_APP	A9bA. in past 12 m, did not see a doc as soon as needed	25
NOCARE_INS	A9bB. in past 12 m, could not see doc because of type of ins	26
NOCARE_NEWPT	A9bC. in past 12 m, was told by doc no appt avail for new patients	26
NOINS_12M	Uninsured at some time in past 12 mons (created)	13
NOINS_NUM	H6. num of months (in the past 12) w/o health ins	14
NOINS_REASON	H8a-k. reason target has not had health insurance	14
NUM_FAM	S4. number of people in Targets family	12
NUM_HH	S4. Number of people in Targets household	11
OOP_DEN_GRP	A10ab,bb. \$ spent out-of-pocket over past 12 mons: dental	27
OOP_OTH_GRP	A10ac,bc. \$ spent out-of-pocket over past 12 mons: other medical	27
OOP_RX_GRP	A10aa,ba. \$ spent out-of-pocket over past 12 mons: Rx	26
PROB_PAYING	A11. in past 12 m, had prob paying medical bills	28
RXDRUGS_12M	A8. did target take any prescription drugs in past 12 mons	24
SPEC_12M	A6. did target visit a specialist in past 12 mons	23
STUDENT	E14A. is currently a full-time student (>3/4 time)	18
TIME_LASTCVRD	H7. time (mons) since target last had health insurance	14
URBAN	Target lives in urban(=1) or rural(=2) area	32
USOC	A1. has a usual source of care (Y/N)	19

Variable Name	Variable Label	Page Number in Data Dictionary
USOC_TYPE	A2. type of place target goes for health care issues	19
VETERAN	E13A. is a veteran of the US military	18
VISIT_12M	A2d. visited a health care prof in past 12 mons	20
WGT_POP	final trimmed population weight for complete sample	33
WHITE	D2. race of target, white(=1) or non-white(=2)	29

4. Data Dictionary (in order of the survey instrument)

VARIABLE NAME: ID

QUESTION NUMBER: N/A

LENGTH: 6

LABEL: Target ID

VALUES: 10002 – 81815

FORMAT: continuous

VARIABLE NAME: GENDER

QUESTION NUMBER: S6aa

LENGTH: 3

LABEL: S6aa. Gender

VALUES: 1 Male
2 Female
–9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: EDUCATION

QUESTION NUMBER: S9

LENGTH: 3

LABEL: S9 Highest level of school completed

VALUES: 1 Less than high school
2 High school graduate or equivalent
3 Some college but no degree
4 Associates Degree
5 College graduate
6 Post graduate
–9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: EMPLOYED

QUESTION NUMBER: S9aa

LENGTH: 3

LABEL: S9aa. Employed for pay (age >15; Y/N)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: restricted to people (target) age 15 and older

VARIABLE NAME: AGE_GRP

QUESTION NUMBER: Sa2

LENGTH: 8

LABEL: Grouped age (created)

VALUES: 1 0 to 18
2 19 to 34
3 35 to 54
4 55 to 64
5 65 and older
-9 Don't know/Refused

FORMAT: ordinal

NOTES: created from continuous age (Q Sa2)

VARIABLE NAME: MARITAL_STATUS

QUESTION NUMBER: S11

LENGTH: 3

LABEL: S11. Marital status

VALUES: 1 Married
2 Separated/Divorced
3 Never Married
4 Other
-9 Don't Know/Refused

FORMAT: nominal

NOTES: asked if target was 17 years or older

VARIABLE NAME: NUM_HH

QUESTION NUMBER: S4

LENGTH: 3

LABEL: S4. Number of people in Target's household

VALUES: 1 1 person
2 2 people
3 3 people
4 4 people
5 5 or more people

FORMAT: ordinal

NOTES: variable contains no missing values

VARIABLE NAME: NUM_FAM

QUESTION NUMBER: S4

LENGTH: 3

LABEL: S4. Number of people in Target's family

VALUES: 1 1 person
2 2 people
3 3 people
4 4 people
5 5 or more people

FORMAT: ordinal

NOTES: variable contains no missing values

VARIABLE NAME: INSURANCE

QUESTION NUMBER: HIB-HIM

LENGTH: 8

LABEL: HIB-HIM: type of health insurance (created)

VALUES: 1 Employer
2 Medicare
3 Medicaid/CHP+
4 Private/Other
5 Uninsured

FORMAT: nominal

NOTES: created from individual insurance variables
hierarchy according to examples from The Kaiser Commission on Medicaid and the Uninsured

VARIABLE NAME: INSURED_PIT

QUESTION NUMBER: n/a

LENGTH: 3

LABEL: currently has health insurance (at time of survey)

VALUES: 1 Yes
2 No

FORMAT: nominal

NOTES: variable created by CATI computer during interview; is yes if any answer throughout the health insurance question series indicates that the target currently has health insurance

VARIABLE NAME: INSURED_I2M

QUESTION NUMBER: H5

LENGTH: 3

LABEL: H5. has had health ins for all of the past 12 months

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: NOINS_I2M

QUESTION NUMBER: n/a

LENGTH: 8

LABEL: Uninsured at some time in past 12 mons (created)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: Yes if INSURED_PIT = NO, or if INSURED_PIT = YES and INSURED_I2M = NO

VARIABLE NAME: NOINS_NUM

QUESTION NUMBER: H6

LENGTH: 8

LABEL: H6. num of months (in the past 12) w/o health ins

VALUES: 1 0 to 11 months
2 12 months
-9 Don't know/Refused

FORMAT: ordinal

VARIABLE NAME: TIME_LASTCVRD

QUESTION NUMBER: H7

LENGTH: 3

LABEL: H7. time (mons) since target last had health insurance

VALUES: 1 0 to 24 months
2 >24 months
-9 Don't know/Refused

FORMAT: ordinal

VARIABLE NAME: NOINS_REASON

QUESTION NUMBER: H8a-H8k

LENGTH: 3

LABEL: H8a-H8k. reason target has not had health insurance

VALUES: 1 Cost is too high
2 Other
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: EMP_CATEGORY

QUESTION NUMBER: E1A

LENGTH: 8

LABEL: E1A. type of employment (target >15 yrs old)

VALUES: 1 Self-employed
2 Employed by someone else (inc military)
3 Retired
4 Unemployed and looking for work
5 Not employed / unpaid worker
6 Unable to work because of a disability
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: EMP_ADDJOB

QUESTION NUMBER: E2A

LENGTH: 3

LABEL: E2A. does target have more than one job (y/n)

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: EMP_NUMJOBS

QUESTION NUMBER: E3A

LENGTH: 8

LABEL: E3A. total number of jobs target has

VALUES: 1 2 jobs
2 3 or more jobs
-9 Don't Know/Refused

FORMAT: ordinal

NOTES: asked if E2a = Yes

VARIABLE NAME: EMP_HRS_WK

QUESTION NUMBER: E4A-5

LENGTH: 8

LABEL: E4A-5. total number of hours worked / week (all jobs)

VALUES: 1 <40 hrs/week
2 40 hrs/week
3 >40 hrs/week
-9 Don't know/refused

FORMAT: ordinal

NOTES: asked if E3a = 1, 2, or 3

VARIABLE NAME: EMP_TIME

QUESTION NUMBER: E6A

LENGTH: 8

LABEL: E6A. total years at current (main) employer

VALUES: 1 <1 year
2 1 to 5 years
3 6 to 10 years
4 11 to 20 years
5 >20 years
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked if self-employed or employed by someone

VARIABLE NAME: FIRM_SIZE

QUESTION NUMBER: E7A-E9A

LENGTH: 8

LABEL: E7A-E9A. num of employees at current (main) employer

VALUES: 1 1 to 10 employees
2 11 to 50 employees
3 51 to 100 employees
4 >100 employees
-9 Don't know/Refuse

FORMAT: ordinal

NOTES: asked if target has at least 1 job

VARIABLE NAME: FIRM_ESI

QUESTION NUMBER: E10A

LENGTH: 8

LABEL: E10A. employer offers health insurance to employees

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: ESI_OFFERED

QUESTION NUMBER: E11

LENGTH: 8

LABEL: E11. employer offered health insurance to target

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: ESI_DEP

QUESTION NUMBER: E12A

LENGTH: 3

LABEL: E12A. ESI includes coverage for dependents

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

NOTES: asked if E11 = YES

VARIABLE NAME: VETERAN

QUESTION NUMBER: E13A

LENGTH: 3

LABEL: E13A. is a veteran of the US military

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: STUDENT

QUESTION NUMBER: E14A

LENGTH: 3

LABEL: E14A. is currently a full-time student (>3/4 time)

VALUES: 1 Yes
2 No
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: USOC

QUESTION NUMBER: A1

LENGTH: 3

LABEL: A1. has a usual source of care (Y/N)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: USOC_TYPE

QUESTION NUMBER: A2

LENGTH: 8

LABEL: A2. type of place target goes for health care issues

VALUES: 1 Doctor's office or private clinic
2 Community health center or other public clinic
3 Emergency room or urgent care center
4 Other type of place
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked for either A1 = YES or NO

VARIABLE NAME: CULTURAL_BG

QUESTION NUMBER: A2c

LENGTH: 8

LABEL: A2c. feel cultural background is respected by hc professionals

VALUES: 1 Agree
2 Disagree
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked if A1 = YES

VARIABLE NAME: VISIT_12M

QUESTION NUMBER: A2d.

LENGTH: 3

LABEL: A2d. visited a health care prof in past 12 mons

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: ER_12M

QUESTION NUMBER: A3

LENGTH: 3

LABEL: A3. did target visit the ER over past 12 mons

VALUES: 1 None
2 1 time
3 2 or more times
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked if A2d = YES

VARIABLE NAME: ER_NOEMER

QUESTION NUMBER: A3a

LENGTH: 3

LABEL: A3a. was the last ER visit for a non-emergency

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES or A3 = 2 or 3

VARIABLE NAME: ER_RES1

QUESTION NUMBER: A3bA

LENGTH: 3

LABEL: A3bA. used ER...unable to get an appt soon enough

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: ER_RES2

QUESTION NUMBER: A3bB

LENGTH: 3

LABEL: A3bB. used ER...needed are after normal office hrs

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: ER_RES3

QUESTION NUMBER: A3bD

LENGTH: 8

LABEL: A3bD. used ER...more convenient than going to reg doctor

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: HOSP_I2M

QUESTION NUMBER: A4

LABEL: A4. over past 12 mons did target stay over night in hospital

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: DOC_I2M

QUESTION NUMBER: A5

LENGTH: 3

LABEL: A5. num of times in past 12 mon target visited a gen doctor

VALUES: 0 None
1 1 time
2 2 times
3 3 times
4 More than 3 times
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked if A2d = YES

VARIABLE NAME: DOC_PREV

QUESTION NUMBER: A5a

LENGTH: 3

LABEL: A5a. were any visits to gen doctor for preventive care

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: SPEC_12M

QUESTION NUMBER: A6

LENGTH: 3

LABEL: A6. did target visit a specialist in past 12 mons

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: DENTIST_12M

QUESTION NUMBER: A7

LENGTH: 3

LABEL: A7. did target visit a dentist/hygienist in past 12 mons

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: DENTAL_INS

QUESTION NUMBER: A7a

LENGTH: 3

LABEL: A7a. has insurance coverage for dental care (y/n)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: RXDRUGS_12M

QUESTION NUMBER: A8

LENGTH: 3

LABEL: A8. did target take any prescription drugs in past 12 mons

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: COST_NORX

QUESTION NUMBER: A9A

LENGTH: 3

LABEL: A9A. did NOT fill Rx in past 12 mons because of cost

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: COST_NODOC

QUESTION NUMBER: A9B

LENGTH: 3

LABEL: A9B. did NOT see a doctor in past 12 mons because of cost

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: COST_NOSPEC

QUESTION NUMBER: A9C

LENGTH: 3

LABEL: A9C. did NOT see a specialist in past 12 mons because of cost

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: COST_NODENT

QUESTION NUMBER: A9D

LENGTH: 3

LABEL: A9D. did NOT see a dentist in past 12 mons because of cost

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: NOCARE_APP

QUESTION NUMBER: A9ba

LENGTH: 3

LABEL: A9ba. in past 12 m, did not see a doc as soon as needed

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: NOCARE_INS

QUESTION NUMBER: A9bB

LENGTH: 3

LABEL: A9bB. in past 12 m, could not see doc because of type of ins

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: NOCARE_NEWPT

QUESTION NUMBER: A9bC

LENGTH: 3

LABEL: A9bC. in past 12 m, was told by doc no appt avail for new patients

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: OOP_RX_GRP

QUESTION NUMBER: A10aa, ba

LENGTH: 8

LABEL: A10aa, ba. amount spent out-of-pocket over past 12 mons: Rx

VALUES: 0 (zero)
1 \$1 to <\$200
2 \$200 to <\$500
3 \$500 to <\$1,000
4 \$1,000 or more
-9 Don't know/Refused

FORMAT: ordinal

NOTES: overall categorical variable, created by combing both the continuous and category answers (A10aa and A10ba)

VARIABLE NAME: OOP_DEN_GRP

QUESTION NUMBER: A10ab, bb

LENGTH: 8

LABEL: A10ab, bb. amount spent out-of-pocket over past 12 mons: dental

VALUES: 0 (zero)
1 \$1 to <\$200
2 \$200 to <\$500
3 \$500 to <\$1,000
4 \$1,000 or more
-9 Don't know/Refused

FORMAT: ordinal

NOTES: overall categorical variable, created by combining both the continuous and category answers (A10ab and A10bb)

VARIABLE NAME: OOP_OTH_GRP

QUESTION NUMBER: A10ac-bc

LENGTH: 8

LABEL: A10ac, bc. amount spent out-of-pocket over past 12 mons: other medical

VALUES: 0 (zero)
1 \$1 to <\$200
2 \$200 to <\$500
3 \$500 to <\$1,000
4 \$1,000 or more
-9 Don't know/Refused

FORMAT: ordinal

NOTES: overall categorical variable, created by combining both the continuous and category answers (A10ac and A10bc)

VARIABLE NAME: PROB_PAYING

QUESTION NUMBER: A11

LENGTH: 3

LABEL: A11. in past 12 m, had prob paying medical bills

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: HEALTH_STATUS

QUESTION NUMBER: HS1

LENGTH: 8

LABEL: HS1. opinion of current health status

VALUES: 1 Excellent/Very good
2 Good
3 Fair/Poor
-9 Don't know/Refused

FORMAT: ordinal

VARIABLE NAME: LIMIT_ACTIVITY

QUESTION NUMBER: HS2

LENGTH: 3

LABEL: HS2. limited in ability to wrk because of health, emot, mental issues

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: WHITE

QUESTION NUMBER: D2-5

LABEL: D2-5. race of target, white or non-white

VALUES: 1 White
2 non-White
-9 Don't Know/Refused

FORMAT: nominal

VARIABLE NAME: CELL_PH

QUESTION NUMBER: D9

LENGTH: 3

LABEL: D9. for landline HH, are there any cell phones used

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

NOTES: asked for landline sample only

VARIABLE NAME: CELL_HH

QUESTION NUMBER: D9a

LENGTH: 8

LABEL: D9a. if yes, how many people in HH use cell phones

VALUES: 1 1 person
2 2 people
3 3 or more
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked of landline sample only and if D9 = YES

VARIABLE NAME: CELL_CALLS

QUESTION NUMBER: D9b

LENGTH: 3

LABEL: D9b. how many calls are received on cell phones

VALUES: 1 Almost all calls
2 More than half
3 Less than half
4 Very few or none
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked of landline sample only and if D9A >= 1

VARIABLE NAME: HOME_OWNER

QUESTION NUMBER: D10

LENGTH: 8

LABEL: D10. is target's residence owned or rented

VALUES: 1 Own
2 Rent
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: CO_LIVED

QUESTION NUMBER: D11

LENGTH: 8

LABEL: D11. num of years target has lived in Colorado

VALUES: 1 0-10 years
2 11-20 years
3 20+ years
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: INC_SALARY

QUESTION NUMBER: IN1

LENGTH: 3

LABEL: In 2007, target/family received income from wages (y/n)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: INC_DIVIDEND

QUESTION NUMBER: IN2A

LENGTH: 3

LABEL: IN2A. In 2007, target/family received inc from dividends (y/n)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: INC_OTH

QUESTION NUMBER: IN2C

LENGTH: 3

LABEL: IN2C. In 2007, target/family received inc from other sources (y/n)

VALUES: 1 Yes
2 No
-9 Don't know/Refused

FORMAT: nominal

VARIABLE NAME: INC_2007_GRP

QUESTION NUMBER: IN3-5

LABEL: Grouped 2007 income from imputed income (created)

VALUES: 1 0 to \$29,999
2 \$30,000 to \$59,999
3 \$60,000 to \$89,999
4 \$90,000 and greater

FORMAT: ordinal

NOTES: created from the imputed, continuous income variable (i.e., no missing values). Categories based on quartiles of 2007 continuous income (IN3)

VARIABLE NAME: INC_MON_GRP

QUESTION NUMBER: IN6-8

LABEL: Grouped monthly income from imputed income (created)

VALUES: 1 0 to \$1,999
2 \$2,000 to \$3,999
3 \$4,000 to \$5,999
4 \$6,000 and greater

FORMAT: ordinal

NOTES: created from the imputed, continuous income variable (i.e., no missing values). Categories based on quartiles of continuous income for the previous month (IN6)

VARIABLE NAME: URBAN

QUESTION NUMBER: ZIP

LABEL: Target lives in urban or rural area (created)

VALUES: 1 Urban
2 Rural
-9 Don't know/Refused

FORMAT: count

NOTES: created from ZIP code and based on a RUCA classification for urban/rural (Hart LG, Larson EH, Lishner DM. "Rural definitions for health policy and research." *American Journal of Public Health* (2005) 95: 1149-55)

VARIABLE NAME: WGT_POP

QUESTION NUMBER: n/a

LABEL: final trimmed population weight for complete sample

FORMAT: continuous

NOTES: primary weight used in analyses. Weights sample population to 2008 Colorado population