

Data Dictionary – Public Use File

for the

2011 Colorado Health Access Survey

The Colorado Trust
1600 Sherman Street
Denver, Colorado 80203

Contact: Nancy Csuti, DrPH, Director of Research,
Evaluation & Strategic Learning, nancy@coloradotrust.org

Contact for technical questions on data and methods: Rebecca Crepin,
Colorado Health Institute, rcrepin@coloradohealthinstitute.org



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Introduction

In May 2011, the 2011 Colorado Health Access Survey (CHAS) was initiated to collect information on the health insurance status of Coloradans. The Colorado Trust contracted with the Colorado Health Institute (CHI) and its subcontractor, Social Science Research Solutions (SSRS), to conduct the CHAS. The goal of the CHAS is to document health insurance coverage and access to and use of health care for the non-institutionalized population in Colorado.

This data dictionary contains information regarding the data included in the CHAS public use data file. The CHAS 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 CHAS respondents. 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 CHAS 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 CHAS research file. For additional information about the CHAS research file or for more detailed information on the design and methods, visit the CHAS web site at <http://www.cohealthaccesssurvey.com>.

I. Methods

The 2011 CHAS was a telephone survey of 10,352 randomly selected households in Colorado and was administered from May 10, 2011 through August 11, 2011. 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 1,400 randomly selected individuals at least 18 years of age who live in a household where only a cell phone is used for telecommunication.

Interviews were stratified by 21 health statistics regions (HSRs) to ensure adequate representation within each of these important population aggregations within the State of Colorado. The Colorado health statistics regions were developed by the Colorado Department of Public Health and Environment (CDPHE) for public health planning purposes. The boundaries for the regions were determined according to the size of the population in each county—counties with smaller populations were aggregated—and key demographic factors for each county, including the number of communities served by each county health department. 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 20 percent at the start of fielding and 60 percent as of June 21 to bolster the representation of children in the CHAS sample.

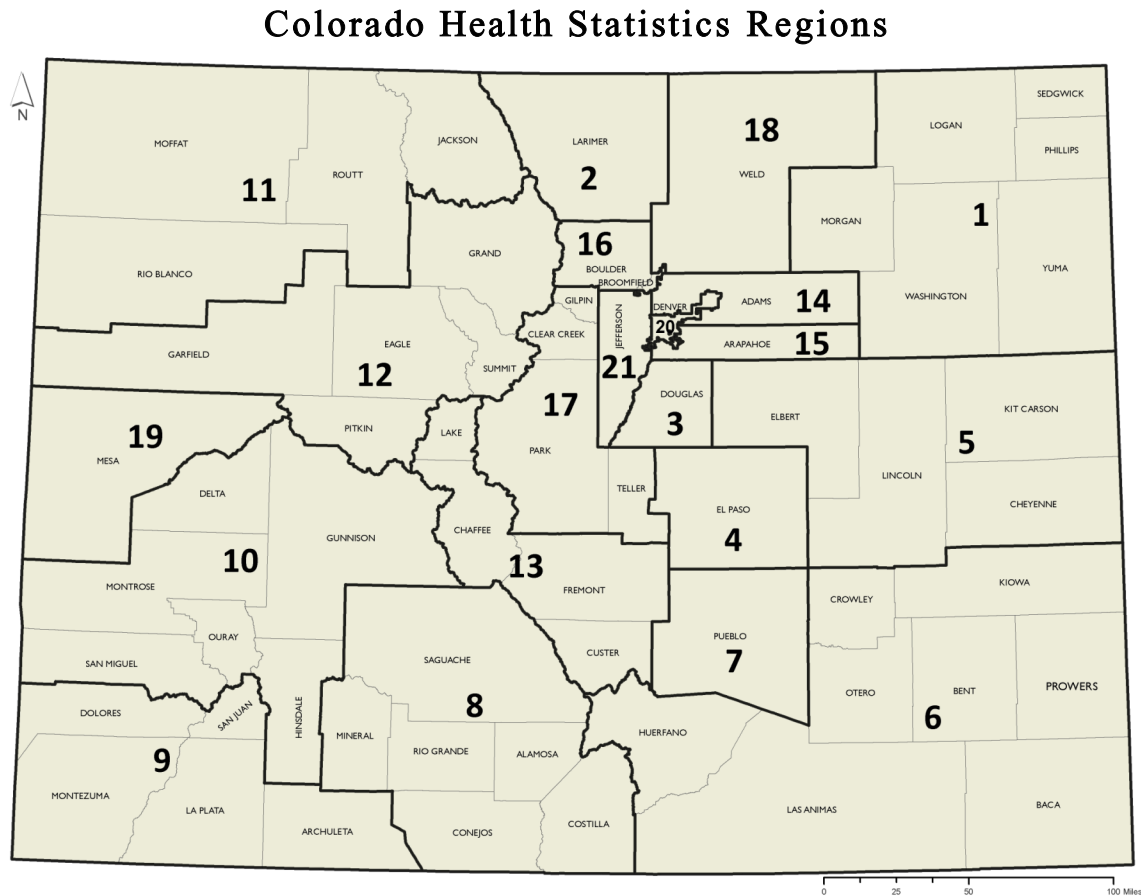
Survey data were weighted to: 1) adjust for the fact that not all survey respondents were selected with the same probability and to 2) account for gaps in coverage in the survey frame. Base weights (survey design weights) address the differential sampling rates described earlier in this report. Subsequently, the resulting base weights were post-stratified along several dimensions to reflect the control totals obtained from the 2010 estimates of the U.S. Census Bureau's American Community Survey. These counts were indexed by region, gender, education, age, race/ethnicity and home ownership. 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 CHAS research file in order to correctly apportion the sample population to the overall population in Colorado¹.

Additional information about the CHAS design and methods is available on the CHAS web site at <http://www.cohealthaccesssurvey.com>.

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

¹ Estimates will be weighted to the 2011 Colorado population estimate of 5,237,977 (SOURCE: Colorado State Demography Office)

Figure 1.



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 using Imputation and Variance Estimation Software (IVEWare) (University of Michigan, 2002). Due to the public nature of the data from the CHAS, only single regression imputation was implemented for ease of use.

Because the pre-survey goal was to have 10,000 completed interviews, data were only generated from completed interviews. Consequently, this resulted in very low variable non-response. 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 CHAS variables that were imputed were continuous in nature and are not included in the public use file. However, the categorical variables for income, out-of-pocket expense and amount willing to pay for health care, 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
AFFORD_MON_GRP	AF1-AF2. Amount WILLING to pay for health care coverage	27
CELL_CALLS	D9b. how many calls are received on cell phones	30
CELL_HH	D9. if yes, how many people in HH use cell phones	29
CO_LIVED	D11. number of years target has lived in Colorado	30
COST_NODENT	A9D. did NOT see a dentist in past 12 mons because of cost	24
COST_NODOC	A9B. did NOT see a doctor in past 12 mons because of cost	23
COST_NOMH	A9E. did NOT get mental health care in past 12 mons because of cost	24
COST_NORX	A9A. did NOT fill Rx in past 12 mons because of cost	23
COST_NOSPEC	A9C. did NOT see a specialist in past 12 mons because of cost	24
DENTAL_INS	A7a. has insurance coverage for dental care (y/n)	22
DENTIST_12M	A7. did target visit a dentist/hygienist in past 12 mons	22
DOC_12M	A5. num of times in past 12 mon target visited a gen doctor	21
DOC_PREV	A5a. were any visits to gen doctor for preventive care	21
EDUCATION	S9. Highest level of school completed	10
EMP_ADDJOB	E2. does target have more than one job (y/n)	14
EMP_CATEGORY	E1. type of employment (target >15 yrs old)	14
EMP_HRS_WK	E4-5. total number of hours worked / week (all jobs)	14
EMP_TIME	E6. total years at current (main) employer	14
EMPLOYED	S9aa. Employed for pay (age>15; Y/N)	10
ER_12M	A3. did target visit the ER over past 12 mons	19
ER_NOEMER	A3a. was the last ER visit for a non-emergency	19
ER_RES1	A3bA. used ER...unable to get an appt soon enough	20
ER_RES2	A3bB. used ER...needed care after normal office hrs	20
ER_RES3	A3bD. used ER...more convenient than going to regular doctor	20
ESI_DEP	E12. ESI includes coverage for dependents	16
ESI_OFFERED	E11. employer offered health insurance to target	16
FIRM_ESI	E10. employer offers health insurance to employees	15
FIRM_SIZE	E7–E9. num of employees at current (main) employer	15
GENDER	S6aa. Gender	9
HC_CHOICE	A2f. Target had a choice in treatment or health care	18

Variable Name	Variable Label	Page Number in Data Dictionary
HC_CHOICE_ASK	A2g. Target was asked which choice he/she thought was best	19
HC_NEEDS_CO	HR2. Current health care system meets the needs of Colorado	29
HC_NEEDS_FAM	HR1. Current health care system meets the needs of family	28
HEALTH_STATUS	HS1. self-assessed current health status	28
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	21
ID	Target ID	9
INC_2010_GRP	Grouped 2010 income from imputed income	32
INC_DIVIDEND	IN2A. In 2010, target/family received inc from dividends (y/n)	31
INC_MON_GRP	Grouped monthly income from imputed income	32
INC_OTH	IN2C. In 2010, target/family received inc from other sources (y/n)	31
INC_SALARY	In 2010, target/family received income from wages (y/n)	31
INSURANCE	H1B-H1M: type of health insurance (created)	11
INSURED_12M	H5. has had health ins for all of the past 12 months	12
INSURED_PIT	currently has health insurance (at time of survey)	12
LIMIT_ACTIVITY	HS2. limited in ability to wrk because of health, emot, mental issues	28
MARRIED	Target married or not	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	25
NOCARE_NEWPT	A9bC. in past 12 m, was told by doc no appt avail for new patients	25
NOINS_12M	Uninsured at some time in past 12 mons (created)	12
NOINS_NUM	H6. num of months (in the past 12) w/o health ins	13
NOINS_REASON	H8a–k. reason target has not had health insurance	13
NUM_FAM	S4. Number of people in Targets family	11
NUM_HH	S4. Number of people in Targets household	9
OOP_DEN_GRP	A10ab,bb. amount spent out-of-pocket over past 12 mons: dental	26
OOP_OTH_GRP	A10ac,bc. amount spent out-of-pocket over past 12 mons: other medical	27
OOP_RX_GRP	A10aa,ba. amount spent out-of-pocket over past 12 mons: Rx	26

Variable Name	Variable Label	Page Number in Data Dictionary
PROB_PAYING	A11. in past 12 m, had prob paying medical bills	27
RSN_PROVIDER	A2e. reason for choosing a provider	18
RXDRUGS_12M	A8. did target take any prescription drugs in past 12 mons	23
SPEC_12M	A6. did target visit a specialist in past 12 mons	22
STUDENT	E14A. is currently a full-time student (>3/4 time)	17
TIME_LASTCVRD	H7. time (mons) since target last had health insurance	13
URBAN	Target lives in urban(=1) or rural(=2) area (created)	32
USOC	A1. has a usual source of care (Y/N)	17
USOC_TYPE	A2. type of place target goes for health care issues	17
VETERAN	E13A. is a veteran of the US military	16
VISIT_12M	A2d. visited a health care prof in past 12 mons	18
WGT_POP	final trimmed population weight for complete sample	32
WHITE	D2. race of target, white(=1) or non-white(=2)	29

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

VARIABLE NAME: NUMBER:	ID N/A	QUESTION
LENGTH: 6 LABEL: Target ID VALUES: 10002 – 81815 FORMAT: continuous		
VARIABLE NAME: NUMBER:	NUM_HH S4	QUESTION
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: NUMBER:	GENDER S6aa	QUESTION
LENGTH: 3 LABEL: S6aa. Gender VALUES: 1 Male 2 Female –9 Don't know/Refused FORMAT: nominal		

VARIABLE NAME: NUMBER:	EDUCATION S9	QUESTION
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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: NUMBER:	EMPLOYED S9aa	QUESTION
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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: NUMBER: S6	AGE_GRP	QUESTION
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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 (S6)

VARIABLE NAME: NUMBER:	NUM_FAM N/A	QUESTION
LENGTH: 3 LABEL: S4. Number of people in Targets family VALUES: 1 1 person 2 2 people 3 3 people 4 4 people 5 5 or more people FORMAT: ordinal NOTES: variable generated from CATI during interviews; contains no missing values		
VARIABLE NAME: NUMBER:	MARRIED N/A	QUESTION
LENGTH: 3 LABEL: Target married or not VALUES: 0 Not married 1 Married FORMAT: nominal		
VARIABLE NAME: NUMBER:	INSURANCE H1B–H1M	QUESTION
LENGTH: 8 LABEL: H1B–H1M: 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: NUMBER:	INSURED_PIT N/A	QUESTION
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: NUMBER:	INSURED_12M H5	QUESTION
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: NUMBER:	NOINS_12M N/A	QUESTION
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_12M = NO		

VARIABLE NAME: NUMBER:	NOINS_NUM H6	QUESTION
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: NUMBER:	TIME_LASTCVRD H7	QUESTION
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: NUMBER: H8a-k	NOINS_REASON	QUESTION
LENGTH: 3 LABEL: H8a-k. 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:	E1	

LENGTH: 8
 LABEL: E1. 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:	E2	

LENGTH: 3
 LABEL: E2. does target have more than one job (y/n)
 VALUES: 1 Yes
 2 No
 -9 Don't Know/Refused
 FORMAT: nominal

VARIABLE NAME:	EMP_HRS_WK	QUESTION
NUMBER:	E4-5	

LENGTH: 8
 LABEL: E4-5. 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:	E6	

LENGTH: 8
 LABEL: E6. 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
E7-E9		

LENGTH: 8
 LABEL: E7-E9. 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:	E10	

LENGTH: 8
 LABEL: E10. employer offers health insurance to employees
 VALUES: 1 Yes
 2 No
 -9 Don't Know/Refused
 FORMAT: nominal

VARIABLE NAME: NUMBER:	ESI_OFFERED E11	QUESTION
LENGTH: 8 LABEL: E11. employer offered health insurance to target VALUES: 1 Yes 2 No -9 Don't Know/Refused FORMAT: nominal		
VARIABLE NAME: NUMBER:	ESI_DEP E12	QUESTION
LENGTH: 3 LABEL: E12. ESI includes coverage for dependents VALUES: 1 Yes 2 No -9 Don't Know/Refused FORMAT: nominal NOTES: asked if E11 = YES		
VARIABLE NAME: NUMBER:	VETERAN E13	QUESTION
LENGTH: 3 LABEL: E13. is a veteran of the US military VALUES: 1 Yes 2 No -9 Don't Know/Refused FORMAT: nominal		

VARIABLE NAME: NUMBER:	STUDENT E14A	QUESTION
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: NUMBER:	USOC A1	QUESTION
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: NUMBER:	USOC_TYPE A2	QUESTION
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: NUMBER:	RSN_PROVIDER A2e	QUESTION
LENGTH: 3 LABEL: A2e. reason for choosing a provider VALUES: 1 The provider took insurance 2 Cost 3 Availability of appointments 4 The provider was located close to where you live or work 5 Recommendations from friends and family 6 Quality of the provider's care 7 Gender of the health care provider 8 The provider spoke a language other than English 9 Not one reason -9 Don't know/Refused FORMAT: nominal		
VARIABLE NAME: NUMBER:	VISIT_12M A2d	QUESTION
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: NUMBER:	HC_CHOICE A2f	QUESTION
LENGTH: 3 LABEL: A2f. Target had a choice in treatment or health care VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		

VARIABLE NAME: NUMBER:	HC_CHOICE_ASK A2g	QUESTION
LENGTH: 3 LABEL: A2g. Target was asked which choice he/she thought was best VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		
VARIABLE NAME: NUMBER: A3	ER_12M	QUESTION
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: NUMBER:	ER_NOEMER A3a	QUESTION
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 and A3 = 2 or 3		

VARIABLE NAME: NUMBER:	ER_RES1 A3bA	QUESTION
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 and A3 = 2 or 3		
VARIABLE NAME: NUMBER:	ER_RES2 A3bB	QUESTION
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 and A3 = 2 or 3		
VARIABLE NAME: NUMBER:	ER_RES3 A3bD	QUESTION
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 and A3 = 2 or 3		

VARIABLE NAME: NUMBER:	HOSP_12M A4	QUESTION
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: NUMBER:	DOC_12M A5	QUESTION
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: NUMBER:	DOC_PREV A5a	QUESTION
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 and A5 = YES	

VARIABLE NAME: NUMBER:	SPEC_12M A6	QUESTION
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: NUMBER:	DENTIST_12M A7	QUESTION
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: NUMBER:	DENTAL_INS A7a	QUESTION
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: NUMBER:	COST_NOSPEC A9C	QUESTION
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: NUMBER:	COST_NODENT A9D	QUESTION
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: NUMBER:	COST_NOMH A9E	QUESTION
LENGTH: 3 LABEL: A9E. did NOT get mental health care in past 12 mons because of cost VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		

VARIABLE NAME: NUMBER:	NOCARE_APP A9bA	QUESTION
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: NUMBER:	NOCARE_INS A9bB	QUESTION
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: NUMBER:	NOCARE_NEWPT A9bC	QUESTION
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 combining 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: AFFORD_MON_GRP	QUESTION NUMBER:	AF1- AF2
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LENGTH: 3
 LABEL: AF1-AF2. Amount WILLING to pay for health care coverage
 VALUES: 0 \$0 (zero)
 1 \$1 to \$25
 2 \$26 to \$75
 3 \$76 to \$150
 4 \$151 or more
 FORMAT: ordinal
 NOTES: asked if INSURED_PIT = NO

VARIABLE NAME:	HEALTH_STATUS	QUESTION
NUMBER:	HS1	

LENGTH: 8
LABEL: HS1. Self-assessed 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
NOTES: asked of targets age 18 and older

VARIABLE NAME: HC_NEEDS_FAM	QUESTION NUMBER:	HR1
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LENGTH: 3
LABEL: HR1. Current health care system meets the needs of family
VALUES: 1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree
8 Don't know
9 Refused
FORMAT: nominal

VARIABLE NAME: HC_NEEDS_CO

QUESTION NUMBER:

HR2

LENGTH: 3

LABEL: HR2. Current health care system meets the needs of Colorado

VALUES: 1 Strongly agree
2 Somewhat agree
3 Somewhat disagree
4 Strongly disagree
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME:
NUMBER:

WHITE
D2

QUESTION

LENGTH: 3

LABEL: D2. race of target, white(=1) or non-white(=2)

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

FORMAT: nominal

VARIABLE NAME:
NUMBER:

CELL_HH
D9

QUESTION

LENGTH: 8

LABEL: D9. how many people in HH use cell phones

VALUES: 0 0 people
1 1 person
2 2 people
3 3 or more
-9 Don't know/Refused

FORMAT: ordinal

NOTES: asked of landline sample only

VARIABLE NAME: NUMBER:	CELL_CALLS D9b	QUESTION
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 D9 >= 1		
VARIABLE NAME: NUMBER:	HOME_OWNER D10	QUESTION
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: NUMBER:	CO_LIVED D11	QUESTION
LENGTH: 8 LABEL: D11. number 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: NUMBER:	INC_SALARY IN1	QUESTION
LENGTH: 3 LABEL: In 2010, target/family received income from wages (y/n) VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		
VARIABLE NAME: NUMBER:	INC_DIVIDEND IN2A	QUESTION
LENGTH: 3 LABEL: IN2A. In 2010, target/family received inc from dividends (y/n) VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		
VARIABLE NAME: NUMBER:	INC_OTH IN2C	QUESTION
LENGTH: 3 LABEL: IN2C. In 2010, target/family received inc from other sources (y/n) VALUES: 1 Yes 2 No -9 Don't know/Refused FORMAT: nominal		

VARIABLE NAME: NUMBER:	INC_2010_GRP IN3-5	QUESTION
LENGTH: 8 LABEL: Grouped 2010 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 categories from the 2008-09 COHS categories		
VARIABLE NAME: NUMBER:	INC_MON_GRP IN6-8	QUESTION
LENGTH: 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 categories from the 2008-09 COHS categories		
VARIABLE NAME: NUMBER:	URBAN N/A	QUESTION
LENGTH: 3 LABEL: Target lives in urban(=1) or rural(=2) 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." <i>American Journal of Public Health</i> (2005) 95: 1149-55)		
VARIABLE NAME: NUMBER:	WGT_POP N/A	QUESTION
LENGTH: 8		

LABEL: final trimmed population weight for complete sample
FORMAT: continuous
NOTES: primary weight used in analyses. Weights sample population to 2011 Colorado population