Colorado Household Survey 2008–09

Data Dictionary

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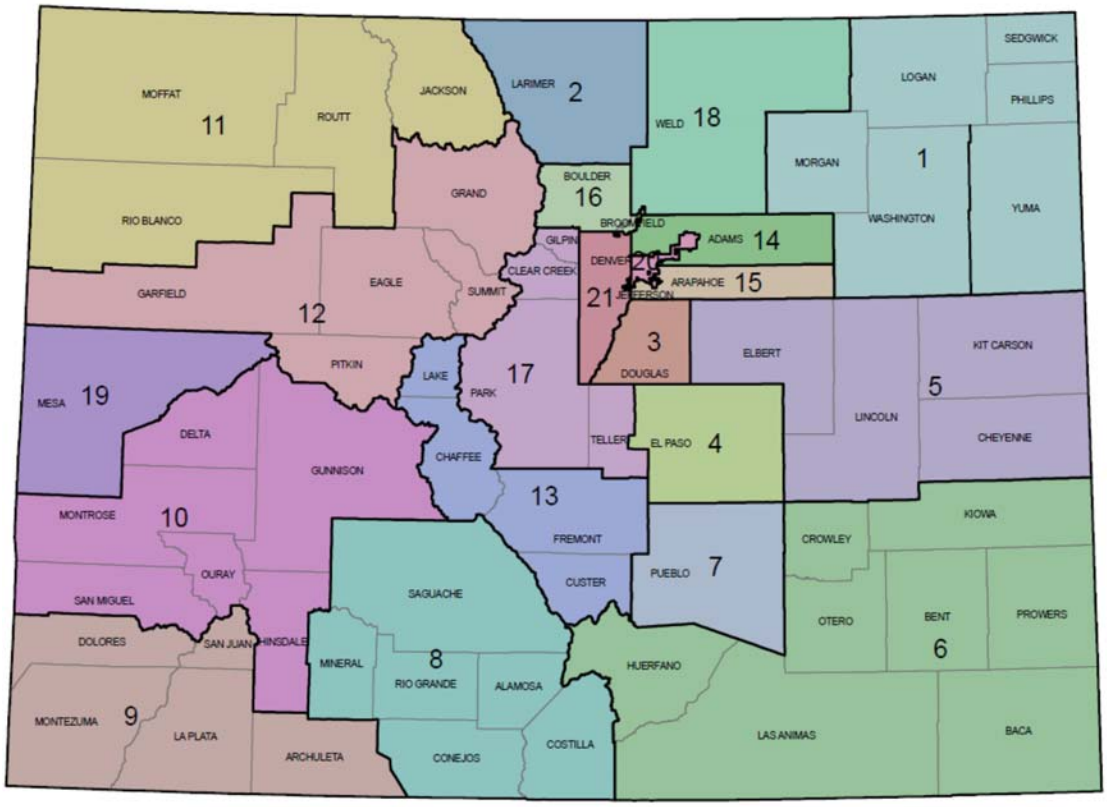
Introduction

The Colorado Department of Health Care Policy and Financing (HCPF) contracted with the Colorado Health Institute (CHI) and its subcontractor, Social Science Research Solutions (SSRS), to conduct the 2008-09 Colorado Household Survey (CHS). The goal of the CHS is to document health insurance coverage and access to and use of health care for the non-institutionalized population in Colorado. This report provides information about the methods used to collect, clean and document the data in the CHS data files.

The study was conducted for CHI via a random digit dialing (RDD), computer-assisted telephone interview (CATI) by SSRS, an independent research company. Interviews were conducted from November 12th 2008 through March 13th, 2009 among a representative sample of 10,090 households containing at least one person age 18 and older. 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.

Colorado Health Statistics Regions



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.

Table 1. Completed interviews per HSR region

Region	Interviews
1	398
2	412
3	431
4	819
5	398
6	398
7	403
8	404
9	402
10	406
11	404
12	400
13	398
14	640
15	615
16	394
17	341
18	438
19	396
20	788
21	805
TOTAL	10,090

I. Study Design

The study employed a dual-frame sampling design that includes a landline and cell phone-only sample. The dual frame design seeks to ensure that complete coverage of all households that own at least one type of phone (approximately 98 percent of all Colorado households are listed in telephone banks or own a cell phone). When the study was commissioned, our best-approximation was that fifteen percent of Colorado households owned only a cell phone. Since then, the CDC has released state-level data of wireless substitution and reported that 16.7 percent of all Colorado households owned only a cell phone in 2007. Of the 10,090 interviews, 400 were conducted with respondents who owned only a cell phone.

To reach cell phone-only respondents, SSRS developed a screening question to screen out persons who used a landline telephone. The cell phone-only sample yielded the terminations and completed interviews noted in Table 2.

Table 2. Final disposition of cell-phone only sample

Disposition	Sample Records	Percent
Completed interview	400	24%
Under 18 Years of age	154	9%
Owns landline	840	51%
Does not live in CO	227	14%
Cell-only but no one under 65*	17	1%
Cell-only but main residence not in Colorado	39	2%
Total completions and terminations	1,647	100%

*Under 65 screen discussed in the next section

The overall sampling design contained a number of features across a number of dimensions which can be described in terms of sample stratification, household selection criteria and within household selection criteria.

1. Sample stratification
   - Set interview targets per region
   - Set interview targets within selected regions by telephone exchange based on incidence of African American households

2. Household-level selection
   - Screening to exclude out–of–state home owners and vacation homes
   - Within the cell phone-only frame, screening excluded landline owners and respondents under 18 years of age

3. Individual-level (target) selection
   - Screening to include adults who could answer health insurance questions for each member of the household and a computer-generated, randomly selected "target" person
   - Oversampling to ensure a 10 percent increase of target selection of persons under the age of 18
   - Additional screening out of households without anyone under the age of 65, which began mid-field on January 23, 2009

1. Sample Stratification

The number of regional interviews was set by the Colorado Health Institute to ensure adequate statistical power within each region. As we will describe later, each region was weighted individually to ensure within-region representation (see Table 1 for interviews completed by region).

Additionally, regions 4, 15 and 20 were further stratified by telephone exchange to maximize the number of African American interviews obtained. These three regions were selected because they are the only regions in Colorado with sufficient numbers of African American households to warrant an attempt at disproportionate stratification of telephone exchanges. Each of these three regions was disproportionately sampled with exchanges of higher incidences of African American households oversampled at the expense of exchanges with low incidence rates (see Table 3 below).

The stratification scheme illustrated in Table 3 was implemented to compensate for the expected bias created by telephone interviewing; that is, the distribution of most sampled populations tends to skew more heavily towards Whites than the general population. As such, the goal was to ensure an adequate sample of African Americans comparable to their proportion in the Colorado population. The proportion of African American households by region is compared to actual response in Table 4.

Table 3. Sample stratification scheme for African American sample

Strata	Overall population	African American population	Percent of all African Americans in region	Allocation of African American interviews / *deff*	African American interviews	Non-African American population	Percent of all Non-African Americans in region	Allocation of non-African American interviews / *deff*	Non-African American interviews
Region 20									
Low	403,973	15,289	32.2%	2.2%	2	388,684	72.3%	19.0%	89
Medium	114,854	16,804	35.4%	17.6%	16	98,050	18.2%	30.5%	143
High	66,500	15,417	32.5%	80.2%	73	51,083	9.5%	50.5%	237
Total	585,327	47,510	100.0%	5.55	91	537,817	100.0%	2.88	469
Region 15									
Low	293,382	15,929	33.2%	7.0%	3	277,453	56.8%	15.9%	82
Medium	147,925	16,671	34.8%	23.3%	10	131,254	26.8%	36.2%	187
High	95,486	15,334	32.0%	69.8%	30	80,152	16.4%	47.9%	247
Total	536,793	47,934	100.0%	2.25	43	488,859	100.0%	2.28	516
Region 4									
Low	293,466	11,285	34.0%	12.5%	4	282,181	52.7%	12.4%	81
Medium	170,850	11,683	35.2%	50.0%	16	159,167	29.7%	32.7%	213
High	104,707	10,216	30.8%	37.5%	12	94,491	17.6%	54.9%	358
Total	569,023	33,184	100.0%	1.43	32	535,839	100.0%	2.56	652

Table 4. Incidence of African Americans in three regions relative to completed interviews

	Incidence of African American households	Incidence in survey	Initial target interview completes	Completed interviews
Region 20	8.1%	11.9%	769	819
Region 15	8.9%	7.0%	724	724
Region 4	5.8%	4.3%	782	815

The initial targets were exceeded to ensure that sufficient numbers of African American interviews were completed across the state. SRSS completed 2,358 interviews from these three regions rather than the 2,275 projected in the original scope of work. The Colorado Health Institute requested a minimum of 200 African American interviews be completed overall. In the end, SRSS completed 233 interviews statewide.

2. Household-level selection

Screening questions excluded anyone living out–of–state or those called at a vacation home. Overall, 6 percent of all households reached were terminated because of an out–of–state status and 1.7 percent were terminated due to the resident being a vacation home. Cell phone-only screening information was provided earlier in the report.

3. Individual-level target person selection

The survey was designed to collect data at the household level as well as the individual level, therefore it was important not only for the respondent to be able to answer questions about each household person's health insurance status, but the respondent also needed to be able to answer the entire battery of questions on the survey for one randomly selected "target" person in the household.

CHI also had a goal of oversampling children in households. Therefore, the probability that the computer would select a child under the age of 18 was increased by 10 percent once the household roster had been established.

In addition, CHI expressed concern that the CHS would have a greater proportion of completes from persons 65 and older than what would be seen in the general population because, in general, RDD telephone surveys have a higher completion rate for individuals 65 and older. Therefore, the number of completed interviews with targets age 65 and older was monitored. As of January 23, 2009, 23 percent of targets were 65 years of age or older. At this point, SSRS began terminating all interviews for which there was no one under the age of 65 in the household. By the end of time in the field, 14 percent of targets were ages 65 and older. This compares to 9.3 percent of Colorado's population in this age cohort.

All of the sampling steps were taken into account during the weighting procedure to correct for the disproportional subsamples created by each step, as will be described in later sections.

2. Field Preparation, Fielding and Data Processing

The questionnaire was developed by the Colorado Health Institute, based on questions contained in the 2008 Massachusetts, Oklahoma and Minnesota Household Surveys, which closely followed the State Health

Access Data Assistance Center (SHADAC) model of health interview survey questionnaires. Specific sections were modified for the State of Colorado. Table 5 presents a summary of the questionnaire domains in the survey. As illustrated in the table, the majority of questions were administered to the target household member, with demographics, socio-economic questions and health insurance questions asked for all household members. Additionally, employment questions and employer-based health insurance questions were asked of spouses of targets and for household members under the age of 26 since this younger age group has a higher prevalence of dependency on parents for their health insurance coverage.

Table 5. Summary of questionnaire domains by respondent type

Domain	Survey Respondent	All Household Members	Target Household Member	Target's Spouse and/or Parents (Target age<26)
Demographic characteristics (age, race/ethnicity, gender, marital status)	X	X	X	X
Socioeconomics (education and employment status)	X	X	X	X
Length of residency in Colorado			X	
Health insurance coverage	X	X	X	X
Detailed employment questions			X	X
Avail. of employer sponsored insurance			X	X
Health status			X	
Access to and use of health care			X	
Family income			X	
Home ownership	X			
Household telephone status	X			

Prior to going into the field, SSRS programmed the study into a Computer Assisted Telephone Interviewing (CATI) program. Extensive checking of the program was conducted, given the large number of logic patterns that the skip patterns could generate. Household roster surveys with a specific target person require 3-4 times more manual labor to check when compared to a survey design with simply "last birthday" as the target selection criterion because of the complexity of the skip patterns.

The field period for this study was November 12th 2008 through March 13th, 2009. The interviewing was conducted by International Communications Research (ICR) in conjunction with SSRS in Media, PA. All landline telephone interviews were conducted using the CATI system which ensures that questions follow the logical skip patterns and that listed attributes are automatically rotated to eliminate "question position" bias.

CATI interviewers received both written materials on the survey and formal training. The written materials were provided prior to the beginning of the field period and included:

1. An annotated questionnaire that contained information about the goals of the study as well as detailed explanations of why questions were being asked, the meaning and pronunciation of key terms, potential obstacles to be overcome in getting good answers to questions and respondent problems that could be anticipated ahead of time as well as strategies for addressing them;
2. A list of frequently asked questions and the appropriate responses to those questions;
3. A script to use when leaving messages on answering machines; and,
4. Contact information for project personnel.

Interviewer training was conducted both prior to the study pretest (described below) and immediately before the survey was officially launched. Call center supervisors and interviewers were walked through each question in the questionnaire. Interviewers were given instructions to help them maximize response rates and ensure accurate data collection. Interviewers were instructed to encourage participation by emphasizing the social importance of the project and to reassure respondents that the information they provided was confidential.

A pretest of the survey instrument and procedures was conducted in late October 2008. The sample for the pretest was a basic RDD sample from Colorado landline telephone exchanges. Colorado Health Institute staff listened live with SSRS project managers for approximately two hours and an additional 4 hours of interviewing time was digitally recorded and placed on a secure FTP site for review. Overall, the flow of the survey was good and the respondents remained interested throughout. Interviewers were monitored throughout the field period and were provided feedback, where appropriate, to improve interviewing techniques and clarify survey questions.

SSRS maintained a staff of Spanish-speaking interviewers whom, when contacting a household, were able to offer respondents the option of completing the survey in Spanish or in English. A total of 168 interviews were conducted in Spanish.

SSRS treated this study as a "best practices" study given certain budgetary and methodological directives from the Colorado Health Institute. Fielding of the survey used the following best practice procedures:

- Manually dialed numbers—two weeks into the project, SSRS randomly split 1,000 pieces each of random, unreleased sample, and fielded the first 1,000 using manual dialing, 1,000 using "predictive" computer dialing and 1,000 using "proactive" computer dialing. The results showed a 10 percent decrease in refusal rate in the manual dialing procedure, as suspected. From that point forward, SSRS enacted manual dialing as part of its "SOP" for all "best practice" projects.
- Instituted a call rule of original plus up to 20 callbacks before considering a sampling unit "dead." All landline samples with no answer, answering machine or busy disposition were dialed to a minimum of 12 calls.
- Varied the time of day and the day of the week when call-backs were placed using a programmed differential call rule.
- Explained the purpose of the study and stating as accurately as possible the expected length of the interview.
- Permitted respondents to set the schedule for a call-back and encouraged them to phone-back on an SSRS 800 number.

- Privacy managers were immediately called back on an open line (CRT systems do not transmit "caller ID" information, so any record that had a disposition for a privacy manager to call back were called back manually on phones that did relay caller ID information).
- Initial refused interviews were "put to bed" for a period of two weeks, when a refusal conversion attempt took place. Second refusals were put to bed for an additional 4 weeks, when a second conversion was attempted.
- The study included a sweepstakes for a pair of Denver Broncos tickets or a $100 gift certificate to one randomly selected respondent.

Two analytical data files were created from the raw survey data: 1) a person-level file that includes all data elements collected for all persons in the household as well as characteristics of the household; and 2) a target-level file that includes all data elements collected for the target person in the household along with data on the characteristics of the target's family and household. The Table 5 provides a summary of the variables included in each file. CATI range and logic checks were used to check the data during the data collection process. Additional data checks were implemented as part of the data file development work, checking for consistency across variables and family members, and developing composite measures of family and household characteristics.

3. Weighting Procedures

Survey data were weighted to: 1) adjust for the fact that not all survey respondents were selected with the same probability and 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 2009 national 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.

In the first weighting stage, SSRS developed design weights to compensate for a range of known biases that occur in telephone interviewing in general and the CHS sample design specifically. These are summarized below:

- *Non-response weight* = Exchange weight x eligibility rate, where the exchange weight equals the number of telephones called /number of telephones available to call and the eligibility weight equals the number of completes /number eligible to be completed.
- *Sub-sampling weight* = Corrections for regions 4, 15, and 20 by race and strata.
- *Post-stratification weight* = Rebalancing completes by region to population counts.
- Number of persons weight = Correction for the number of persons in the household (capped at 3 or more).
- *Phone use weight* = Correction for the number of landline telephones used in the household, capped at 3 (3 phones = weight of .33) or more.
- *Age weight* = 18 years and younger down-weighted to rebalance the increase of 10% of being selected as a target.
- *Cell phone-only weight* = 16.7% of the file is cell phone-only
- *Design Weight* = Non-response x sub-stratification x stratification x persons x phones x age x cell phone-only

Each step was normalized so that the sum of weights equaled the un-weighted number of completes. The final post-stratification procedures that followed included:

- *Final Weight* = Design weight with a two-step raking procedure. The first raking occurs at the region level, where targets were set by age, education, gender, race and home ownership by the 21 statistical regions. However, because children 0-18 years of age had disproportionately large weights, the cell phone-only population became inflated to 23.3 percent of the sample population; therefore, a final statewide rake was conducted to reapportion cell phone-only households to 16.7 percent.
- *Trimmed Final Weight* = when weighting complex surveys, such as the CHS, it is not uncommon to have cases with inordinately large or small weights. Often, researchers trim weights so that no one case is disproportionately influential (in the case of a large weight) or inconsequential (small weights) to the estimates generated by the data. For the CHS sample, 11 percent of its weights were in excess of 8 (with a high of 98) or under 0.1. Weights were trimmed to 0.1 and 8 and the residual proportionally reallocated to the weights of the non-trimmed cases.

The final weights were developed using a procedure known as *Iterative Proportional Fitting* (IPF) or "raking" using the statistical software, QBAL. Post-stratification targets were entered for age, race/ethnicity, gender, region, tenure of homeownership and education based on U.S. Census Bureau's American Community Survey (ACS) estimates. The ACS reports data according to Public Use Microdata Area (PUMA), which is an area that defines the extent of territory for which the Census Bureau tabulates public use microdata sample data. The raking process was carried out at the regional level for which population estimates had to be developed—since the ACS only provides super-PUMA and PUMA designations for in-state geography.

A method for overlaying PUMA population estimates over the 21 statistical regions was developed by CHI. Each PUMA represents a proportion of the population for a certain county in Colorado. A map of PUMA-to-county was obtained from the University of Missouri for all counties in Colorado and a map of county to region was developed in order to calculate PUMA weights for each region. The regional PUMA weights were applied to the ACS data to generate regional population estimates of gender, education, race, etc. Final counts are provided below.

Table 6. Demographic characteristics by 21 statistical regions in Colorado

	Gender		Home Ownership		Education			
Region	Male	Female	Rent	Own	>H.S.	H.S. Diploma	Some College	College degree +
1	50.8%	49.2%	26.4%	73.6%	10.5%	27.7%	24.4%	12.7%
2	50.5%	49.5%	28.1%	71.9%	3.6%	17.3%	27.9%	28.3%
3	50.1%	49.9%	13.8%	86.2%	2.0%	12.7%	22.1%	34.4%
4	49.2%	50.8%	28.4%	71.6%	5.2%	19.9%	24.7%	22.7%
5	50.8%	49.2%	26.4%	73.6%	10.5%	27.7%	24.4%	12.7%
6	50.0%	50.0%	25.3%	74.7%	12.6%	26.6%	23.5%	13.1%
7	48.2%	51.8%	27.6%	72.4%	11.6%	24.1%	24.4%	15.8%
8	49.6%	50.4%	25.0%	75.0%	13.6%	25.9%	22.9%	13.6%
9	50.2%	49.8%	31.0%	69.0%	7.4%	25.2%	23.0%	22.7%
10	51.2%	48.8%	32.2%	67.8%	7.4%	24.2%	22.2%	24.4%
11	52.6%	47.4%	29.7%	70.3%	5.8%	26.6%	23.7%	21.8%
12	54.5%	45.5%	34.7%	65.3%	6.9%	22.0%	20.5%	28.4%
13	50.1%	49.9%	26.7%	73.3%	6.7%	23.8%	24.8%	23.0%
14	50.7%	49.3%	27.4%	72.6%	9.6%	24.5%	22.8%	15.0%
15	49.4%	50.6%	30.5%	69.5%	7.1%	18.8%	22.3%	25.4%
16	50.6%	49.4%	28.8%	71.2%	4.4%	15.8%	22.0%	35.5%
17	50.0%	50.0%	23.1%	76.9%	5.3%	22.3%	24.2%	26.4%
18	50.3%	49.7%	28.3%	71.7%	8.1%	22.8%	26.0%	16.4%
19	48.7%	51.3%	26.0%	74.0%	6.0%	26.8%	25.7%	18.7%
20	50.7%	49.3%	42.1%	57.9%	12.2%	18.1%	17.1%	28.0%
21	49.8%	50.2%	26.5%	73.5%	5.3%	21.2%	25.0%	25.9%

Table 7. Age and race/ethnicity distribution by 21 health statistic areas in Colorado

	Age				Race / Ethnicity			
Region	0 – 17 yrs	18 –34 yrs	35 – 64 yrs	65+ yrs	White	African American	Hispanic	Other
1	24.8%	20.2%	40.5%	14.5%	79.9%	1.0%	17.1%	2.0%
2	22.8%	28.0%	39.2%	10.0%	86.1%	1.2%	10.1%	2.6%
3	28.8%	21.7%	44.1%	5.4%	87.2%	1.8%	7.3%	3.7%
4	27.5%	22.5%	40.6%	9.4%	75.3%	7.6%	13.3%	3.8%
5	24.8%	20.2%	40.5%	14.5%	79.9%	1.0%	17.1%	2.0%
6	24.3%	21.2%	39.7%	14.8%	64.9%	1.0%	32.5%	1.6%
7	24.0%	23.5%	37.0%	15.5%	56.2%	2.4%	39.3%	2.1%
8	24.0%	21.9%	39.3%	14.7%	57.2%	1.0%	40.5%	1.4%
9	21.7%	22.2%	41.5%	14.6%	81.9%	0.2%	12.8%	5.2%
10	21.8%	23.3%	42.1%	12.8%	81.7%	0.3%	13.6%	4.4%
11	22.2%	21.7%	46.4%	9.8%	84.9%	0.4%	13.8%	1.0%
12	22.2%	26.0%	45.2%	6.6%	82.4%	0.6%	16.0%	1.0%
13	21.7%	20.3%	43.7%	14.3%	90.1%	0.2%	7.7%	2.0%
14	28.1%	25.8%	38.4%	7.7%	60.4%	3.4%	32.7%	3.5%
15	26.4%	22.4%	41.6%	9.5%	66.1%	9.7%	18.7%	5.5%
16	22.3%	25.9%	43.9%	7.9%	81.4%	0.6%	13.6%	4.4%
17	21.8%	17.5%	47.0%	13.7%	91.7%	0.3%	5.6%	2.3%
18	26.7%	28.2%	37.3%	7.9%	70.4%	0.5%	27.1%	2.0%
19	22.7%	24.3%	37.7%	15.2%	84.5%	0.7%	13.1%	1.7%
20	24.6%	24.4%	41.1%	9.9%	50.6%	9.6%	35.0%	4.8%
21	22.6%	21.0%	45.5%	10.8%	80.4%	1.6%	14.5%	3.4%

Finally, the full weighting procedure was applied to both the total sample and the landline frame only in order to develop comparisons of estimates and design statistics. A summary of the resulting design statistics, specifically the design effect, bias, variance and mean squared error, is provided in Table 8. These estimates are based on the final untrimmed, full sample weighted estimate of the uninsured rates in Colorado.

Complex survey designs and post-data collection statistical adjustments affect variance estimates and resulting tests of significance and confidence intervals. The impact of the survey design on variance estimates is measured by the design effect, which represents the extent of departure from a simple random sample where all sample units respond. The *design effect* measures the variance inflation of the sample estimate relative to the variance of an estimate based on a hypothetical random sample of the same size. *Bias* measures the systematic deviation of a population estimate compared to the estimate produce from the survey data. The *mean squared error* (MSE) is a statistic that measures overall bias and variance. In practice, the goal is to attain a weight that corrects for as much bias as possible without creating too much variance in the weights. About 11 percent of the final untrimmed weights were in excess of 8 and under 0.1. In order to reduce the variance inflation due to such extreme weights,

trimmed weights were developed. As shown in Table 8, this trimming depresses the uninsured estimate by 0.4 percent. Variance was cut from 3.1 to 1.8 for a significantly lower MSE than the final weight.

It is significant to note the comparison between the full sample and the landline-only frame. A key question that should be considered for all dual frame survey designs is whether the additional frame, in this case the cell phone-only frame, was worth the added expense. This appears to be true for the CHS, at least with regard to MSE, but not with regard to the design effect. The design effect for the final full sample, using the untrimmed weight, is 4.02 compared to 3.56 for the landline-only weight. This increase in the variance, and consequently the design effect, was introduced during the post–stratification weighting when the sample was balanced so that the cell–phone users represented only 16.7 percent of the sample. However, in the end, the added benefit of having a representative younger population in the full sample, via the cell–phone frame, was worth the slight increase in the design effect, and especially because it was off–set by the reduced MSE.

Dual frame designs are preferred when there are known under coverage issues associated with a landline-only sample. For the CHS, the full sample uninsured rate (landline and cell phone-only) was assumed to be the "gold standard" estimate of the uninsured. It was calculated to reduce the landline-only bias and MSE based on the full sample final untrimmed estimate of the uninsured. The landline-only sample produced an uninsurance rate 0.9 percent lower than the full sample estimate, with an MSE equal to that of the full sample. In the final analysis, the full sample weights performed better than the landline-only weights in terms of both bias and variance.

Table 8. Applied weights to the full sample and landline-only sample

	Full Sample				Landline-only Frame			
Weight	deff	Bias*	Variance	MSE	deff	Bias	Variance	MSE
Exchange	1.53	1.8	0.57	3.81	1.71	2.1	0.56	4.97
Eligibility	1.01	2.6	0.01	6.77	2.22	3.3	0.01	10.90
Non-response	1.69	4.2	0.69	18.33	2.67	4.8	0.71	23.75
Sub-stratification	1.68	4.1	0.68	17.49	2.67	5.6	1.22	32.58
Stratification	2.17	4.9	1.17	25.18	3.51	5.5	1.69	31.94
Number of persons	2.64	5.0	1.64	26.64	5.49	5.5	1.69	31.94
Phone user	2.64	5.0	1.64	26.64	1.56	5.5	1.65	31.90
Age	2.60	4.9	1.60	25.61	1.53	5.5	2.05	31.21
Cell phone	2.85	2.6	1.85	8.61	--	--	--	--
Final Region Weight	3.41	–0.2	2.41	2.45	--	--	--	--
Final Weight	4.02	0	3.02	3.02	3.56	0.9	2.56	3.37
Trimmed Final Weight	2.64	0.4	1.64	1.80	2.71	1.3	1.71	3.40

* Based on an uninsurance rate attained using the final weight, 14.2%

The weighting procedures detailed above were conducted for both the *target file* using the target's demographic data for post-stratification, and the *person file* using each individual's demographics as their own target. There were, however, some differences in the procedure used to develop the person file. First, the adjustments for sub-stratification and stratification were made based on number of persons

rather than completed interviews. Secondly, the 'number of persons' adjustment was not made to the person file since each case in the person file represents a person and not a randomly selected household member. Further the age correction in the target file adjusts for the fact that targets 0 to18 years of age were 10 percent more likely to be randomly selected by the computer than targets 19 and older. This selection procedure was not applied to the person file.

Because of the large differences in the design effect (DEFF) and variance between the final weight and the trimmed weight, the final *trimmed* weight will be used when analyzing the target file data.

4. Survey response rate

The response rate for this study was 37.5 percent for the landline sample and 27.3 percent for the cell phone sample using AAPOR[1]'s RR3 formula. This translates into an overall response rate of 35.5 percent. Following is a full disposition of the sample selected for this survey.

[1] American Association of Public Opinion Research

Table 9. Response rates by 21 health statistics regions

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
Eligible, interviewed (Category 1)												
Complete	396	373	391	767	399	397	383	394	395	390	390	387
Eligible, not interviewed (Category 2)												
Refusal	358	310	339	762	321	376	344	415	298	289	278	313
Break off (callback)	72	25	45	114	14	59	52	32	25	42	28	68
Answering machine household	107	113	217	282	73	104	110	96	147	145	49	160
Physically or mentally unable/incompetent	4	6	2	14	4	8	6	7	6	7	10	14
Language problem	22	4	6	37	8	13	3	16	4	7	13	33
Unknown eligibility, not interviewed (Category 3)												
Always busy	14	7	8	31	4	12	10	2	3	7	9	9
No answer	303	228	341	382	201	317	256	367	350	319	122	809
Answering machine	0	0	0	0	0	0	0	0	0	0	0	0
Call blocking	0	2	10	25	0	3	8	1	1	1	0	1
No screener completed	0	0	0	8	0	1	0	1	1	1	0	0
Not eligible (Category 4)												
Fax/data line	177	172	316	381	211	302	184	182	209	203	248	578
Non-working number	2819	1674	1635	4557	1769	2822	2752	3271	2066	1841	2482	3406
Business/government office	241	280	377	554	182	257	225	337	295	291	399	640
No eligible respondent	227	171	155	485	160	257	238	238	201	237	232	413
Quota filled	12	0	0	842	0	0	105	7	5	0	606	257
TOTAL	4751	3365	3842	9241	3345	4927	4675	5366	4005	3780	4865	7087
RR3	38.6%	41.7%	35.4%	36.9%	45.8%	38.7%	40.2%	38.2%	41.2%	40.5%	49.4%	35.1%

Table 9. Response rates by 21 health statistics regions (continued)

	Region 13	Region 14	Region 15	Region 16	Region 17	Region 18	Region 19	Region 20	Region 21
Eligible, Interviewed (Category 1)									
Complete	398	529	685	423	401	387	390	758	663
Eligible, not interviewed (Category 2)									
Refusal	407	372	605	265	286	358	284	605	623
Break off (callback)	32	85	140	52	31	56	55	185	53
Answering machine household	138	227	547	249	137	141	119	718	194
Physically or mentally unable/incompetent	6	6	10	5	4	6	3	10	11
Language problem	7	42	84	16	10	21	8	64	16
Unknown eligibility, not interviewed (Category 3)									
Always busy	2	8	22	13	3	9	12	72	11
No answer	266	469	805	414	329	283	198	1269	639
Answering machine	0	0	0	0	0	0	0	0	0
Call blocking	1	16	31	15	0	2	3	26	5
No screener completed	0	3	13	0	0	1	0	21	1
Not eligible (Category 4)									
Fax/data line	148	291	466	272	187	220	172	653	368
Non-working number	1987	2989	6452	3060	1719	1970	1295	6573	3864
Business/government office	268	423	606	477	256	283	251	1020	510
No eligible respondent	223	230	480	215	178	207	161	510	325
Quota filled	0	96	1	63	33	6	58	2	0
TOTAL	3882	5786	10946	5538	3573	3950	3009	12486	7282
RR3	37.5%	38.4%	30.5%	38.6%	41.9%	37.0%	42.2%	28.8%	38.7%

Table 10. Response rate for landline and cell phone-only samples

	Cell Sample	Total landline and cell phone-only	Total
Eligible, Interviewed (Category 1)			
Complete	400	11,906	12,306
Eligible, not interview (Category 2)			
Refusal	71	10,180	10,251
Break off (callback)	52	1,704	1,756
Answering machine household	0	5,620	5,620
Physically or mentally unable/incompetent	80	177	256
Language problem	243	619	862
Unknown eligibility, non-interview (Category 3)			
Always busy	45	393	438
No answer	4,416	11,123	15,539
Answering machine-don't know if household	2,066	0	2,066
Call blocking	6	233	239
No screener completed	2,605	93	2,698
Not eligible (Category 4)			
Fax/data line	46	7,440	7,486
Non-working number	8396	78,585	86,981
Business, government office, other organizations	1,034	10,352	11,386
No eligible respondent	2,102	7,012	9,113
Quota filled	0	2,938	2,938
TOTAL	21,561	148,374	169,935
RR3	27.3%	36.3%	34.7%

5. Imputation

At the request of the survey director at HCPF, any variable with more than 5 percent missing data was imputed. Imputation is used to correct variable non–response, which is caused by respondents not answering individual survey items. All variables that required regression imputation were imputed using Imputation and Variance Estimation Software (IVWare) (University of Michigan, 2002). Due to the public nature of the data from the CHS, 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.

Several questions on the CHS were asked only if the respondent answered a preceding question appropriately or had a certain demographic characteristic. For example, questions regarding employment were asked only if a target was 16 years and older. Missing values generated by these skip patterns in the survey instrument were not considered as eligible missing values and were not subject to imputation. However, within a sub–group that could answer a skip pattern question, if the combined "Don't Know" or "Refused" answers accounted for over 5 percent of the data, those values were imputed.

The "Don't Know" and "Refused" for each survey question were combined in order to calculate the percent missing for the item. Table 11 lists the variables that had over 5 percent missing values.

Table 11. List of Variables for Potential Imputation

Variable Name	Percent Missing	Variable Label	Imputed
INS_VER_TYPE	31.6	H3a. If NO to verification, what type of insurance	no
NOINS_PRIOR1	6.6	H9. What was the last type of health insurance the target had	yes
USOC_TYPE_H CTR	7.7	A2a. Specific type of health center used for health care issues	yes
OOP_RX	7.3	A10aa. In past 12 m, out-of-pocket expense for Rx meds (amount)	yes
OOP_OTH	5.9	A10ac. In past 12 m, out-of-pocket expense for other med (amount)	yes
INCOME_2007	17.9	IN3. Total family income for 2007	yes
INC_2007_GRP	7.2	Income based on quartiles of 2007 inc (created)	yes
INCOME_MON	16.4	IN6. Total family income for previous month	yes
INC_MON_GRP	8.4	Income based on quartiles of monthly inc (created)	yes
M_ESI_DEP	7.9	E12A. Target's mother's ESI includes coverage for dependents	yes
F_ESI_DEP	6.8	E12A. Target's father's ESI includes coverage for dependents	yes

The INS_VER_TYPE variable was not imputed because it was part of a two–stage skip pattern question and had too few possible respondents who could answer the question (<20).

The income and out–of–pocket expense questions were imputed first using the available information from the corresponding category questions (e.g., for 2007 Income, INC_07_CAT1, INC_07_CAT2 and INC_07_CAT3 were used) and then with regression imputation. The range generated from the categorical questions was used to inform the missing values of the continuous variable (e.g., INCOME_2007). If the proportion missing was still greater than 5 percent after using the information from the categorical questions, the remaining missing values were imputed using standard regression imputation.

6. Alphabetical Listings of Variables in Data File

Variable Name	Variable Label	Page Number in Data Dictionary
AGE	Sa2. Age (years)	32
AGE_GE18	S6b1. Age is 18 years or older	33
AGE_GRP	Grouped age (created)	33
CELL_CALLS	D9b. how many calls are received on cell phones	85
CELL_NUM	D9a. if yes, how many people in HH use cell phones	84
CELL_PH	D9. for landline HH, are there any cell phones used	84
CO_LIVE	D11. category for answer to how long target has live in Colorado	86
CO_LIVE_MONS	D11. time target has lived in Colorado (ans given in mons)	86
CO_LIVE_YRS	D11. time target has lived in Colorado (ans given in years)	86
COST_NODENT	A9E. did NOT see a dentist in past 12 mons because of cost	73
COST_NODOC	A9C. did NOT see a doctor in past 12 mons because of cost	72
COST_NORX	A9A. did NOT fill Rx in past 12 mons because of cost	72
COST_NOSPEC	A9D. did NOT see a specialist in past 12 mons because of cost	72
COUNTY	County as given by resp OR according to ZIP CODE	131
COUNTY1	County as given by respondent	129
CULTURAL_BG	A2c. feel cultural background is respected by hc professionals	65
DENTAL_INS	A7a. has insurance coverage for dental care (y/n)	71
DENTIST_12M	A7. did target visit a dentist/hygienist in past 12 mons	71
DOC_12M	A5. num of times in past 12 mon target visited a gen doctor	69
DOC_PREV	A5a. were any visits to gen doctor for preventive care	70
EDUCATION	S9a. Highest level of school completed	31
EMP_ADDJOB	E2A. does target have more than one job (y/n)	55
EMP_CATEGORY	E1A. type of employment (target >15 yrs old)	55
EMP_HRS_MAIN	E4A. total num of hrs worked /wk at main job	56
EMP_HRS_OTH	E5A. total num of hrs worked /wk at other job	57
EMP_NUMJOBS	E3A. total number of jobs target has	56
EMP_TENR_MON	E6A. months worked at main job	58
EMP_TENR_YRS	E6A. years worked at main job	57
EMP_TENURE	E6A. category of ans for time target has worked at main job	57
EMPLOYED	S9aa. Employed for pay (age>15; Y/N)	32

Variable Name	Variable Label	Page Number in Data Dictionary
ER_12M	A3. did target visit the ER over past 12 mons	66
ER_NOEMER	A3a. was the last ER visit for a non-emergency	66
ER_RES1	A3bA. used ER...unable to get an appt soon enough	67
ER_RES2	A3bB. used ER...needed are after normal office hrs	67
ER_RES3	A3bC. used ER...owed money to doctors office	68
ER_RES4	A3bD. used ER...more convenient that going to reg doctor	68
ESI_DEP	E12A. ESI includes coverage for dependents	61
ESI_OFFERED	E11. employer offered health insurance to target	60
ETHNICITY	D1. target is Hispanic or Latino (y/n)	82
F_ADDJOB	E2A. does targets father have more than one job (y/n)	121
F_AGE	S6. age of the father of the target	120
F_AGE_GE18	S6a. father of target is >= 18 years of age (y/n)	121
F_AGE_GRP	Grouped age for targets father (created)	120
F_EDUC	S9. education level for father of target	120
F_EMP_CAT	E1A. targets fathers employment status category	121
F_ESI_DEP	E12A. targets fathers ESI includes coverage for dependents	126
F_ESI_DEP_I	Imputed (regression imputation)	127
F_ESI_OFFER	E11. targ fathers employer offered health insurance to targ father	125
F_FRM_ESI	E10A. targ fathers employer offers health insurance to employees	125
F_FRM_GT50	E7A. for targ father, main employer has >50 employees	124
F_FRM_SZ_LG	E9A. for targ father, if >50, how many employees (categories)	124
F_FRM_SZ_SM	E8A. for targ father, if <=50, how many employees (categories)	124
F_HRS_MAIN	E4A. total num of hrs worked /wk at main job for targets father	122
F_HRS_OTH	E5A. total num of hrs worked /wk at other job for targets father	122
F_NOESI_WHY	E11a. why targets father did not accept ESI	126
F_NUMJOBS	E3A. total number of jobs targets father has	122
F_STUDENT	E14A. targets father is currently a full-time student (>3/4 time)	127
F_TENR_MON	E6A. months worked at main job for targets father	123
F_TENR_YRS	E6A. years worked at main job for targets father	123
F_TENURE	E6A. category of ans for time targets father has worked at main job	123

Variable Name	Variable Label	Page Number in Data Dictionary
F_VETERAN	E13A. targets father is a veteran of the US military	127
FIRM_ESI	E10A. employer offers health insurance to employees	59
FIRM_GT50	E7A. main employer has >50 employees	58
FIRM_SIZE_LG	E9A. if >50, how many employees (categories)	59
FIRM_SIZE_SM	E8A. if <=50, how many employees (categories)	58
FNUM_0TO17	num of persons age 0-17 in targets immediate family	95
FNUM_18TO64	num of persons age 18-64 in targets immediate family	96
FNUM_GE65	num of persons age 65+ in targets immediate family	96
FTYPE_1PAR	family type is a single parent household	99
FTYPE_2PAR	family type is a two-parent household	99
FTYPE_MAR	family type is a married couple	99
FTYPE_SINGLE	family type is a single individual	100
FUNI_0TO17	num of uninsured persons age 0-17 in targets immediate family	97
FUNI_18TO64	num of uninsured persons age 18-64 in targets immediate family	97
FUNI_GE65	num of uninsured persons age 65 + in targets immediate family	97
GENDER	S7a. Gender	31
HEALTH_STATUS	HS1. self-assessed current health status	81
HH_EXTEN	household type is an extended family	103
HH_MULTI	household type is multi-family	103
HH_SINGLE	household type is single family	103
HIGH_07	IN4,IN5: Upper bound for income category (created)	91
HIGH_MO	IN7,IN8: Upper bound for income category (created)	95
HISPANIC	D1-D2: comb Hispanic/Latino ethnicity (created)	83
HNUM_0TO17	num of persons age 0-17 in household	100
HNUM_18TO64	num of persons age 18-64 in household	100
HNUM_GE65	num of persons age 65+ in household	101
HOME_OWNER	D10. is targets residence owned or rented, etc.	85
HOSP_12M	A4. over past 12 mons did target stay over night in hospital	69
HUNI_0TO17	num of uninsured persons age 0-17 in household	101
HUNI_18TO64	num of uninsured persons age 18-64 in household	102
HUNI_GE65	num of uninsured persons age 65 + in household	102
ID	Target ID	30
IHS_OOP	H3c. if Ind Health Serv, does someone else pay hc bills	43
IHS_OTH_FAMI	H-4a. if Ind Health Srv has other coverage, is it ind/family policy	45

Variable Name	Variable Label	Page Number in Data Dictionary
IHS_OTH_FAMO	H-4a. if Ind Health Srv and covered by someone else, is policy	45
IHS_OTH_PAR	H4b. if yes to H4a, was policy bought directly by parent/guardian?	46
IHS_OTH_PARWK	H4b. if yes to H4a, is policy through parent/guardians work?	46
IHS_OTH_TYPE	H4. if yes to H3c, who pays for hc bills	44
INC_07_CAT1	IN3a. 2007 family income is higher or lower than 250% FPL	89
INC_07_CAT2	IN4. 2007 family income as categories lower than 250% FPL	89
INC_07_CAT3	IN5. 2007 family income as categories higher than 250% FPL	90
INC_2007_GRP	Income based on quartiles of 2007 inc (created)	90
INC_2007_GRP_I	Grouped 2007 income from imputed income (created)	91
INC_DIVIDEND	IN2A. In 2007, target/family received inc from dividends (y/n)	87
INC_MON_CAT1	IN6a. prev mon family income is higher or lower than 250% FPL	92
INC_MON_CAT2	IN7. prev mon family income as categories lower than 250% FPL	93
INC_MON_CAT3	IN8. prev mon family income as categories higher than 250% FPL	93
INC_MON_GRP	Income based on quartiles of monthly inc (created)	94
INC_MON_GRP_I	Grouped monthly income from imputed income (created)	94
INC_OTH	IN2C. In 2007, target/family received inc from other sources (y/n)	88
INC_SALARY	In 2007, target/family received income from wages (y/n)	87
INC_SS	IN2B. In 2007, target/family received inc from SS benefits (y/n)	87
INCOME_2007	IN3. total family income for 2007	88
INCOME_2007_I	Imputed 2007 income (categorical var & regression imp)	88
INCOME_MON	IN6. total family income for previous month	92
INCOME_MON_I	Imputed monthly income (categorical var & regression imp)	92
INS_CHP	H1I. currently has Child Health Plan Plus	39
INS_INDIAN	H1g. currently has Indian Health Service	38
INS_MEDICAID	H1H. currently has Medicaid	38
INS_MEDICARE	H1D. currently has Medicare	37

Variable Name	Variable Label	Page Number in Data Dictionary
INS_MILITARY	H1F. currently has Veterans Affairs, Military Health, or CHAMPA	38
INS_OTH_PAR	H1cC. If yes to H1c, is coverage through parent/guardian	37
INS_OTH_RESP1	H2. currently has other type of health insurance	41
INS_OTH_RESP2	H2. currently has other type of health insurance	41
INS_OTH_RESP3	H2. currently has other type of health insurance	41
INS_OTH_RESP4	H2. currently has other type of health insurance	41
INS_OTH_RESP5	H2. currently has other type of health insurance	41
INS_OTH_RESP6	H2. currently has other type of health insurance	41
INS_PRIV_FAM	H1MM. private insurance is a individual or family policy	40
INS_PRIV_OTH	H1M. currently has health ins bought directly by someone else	40
INS_PRIV_PAR	H1mbM. private insurance is provided by parent or guardian	40
INS_PRIVATE	H1L. currently buys health insurance directly	39
INS_RR	H1e. currently has Railroad retirement plan	37
INS_STUDENT	H1K. currently has student health insurance	39
INS_VER_TYPE	H3a. if NO to verification, what type of insurance	42
INS_VERIFY	H3. verify that target does NOT currently has health insurance	41
INS_WORK	H1B. currently has health ins through employer	35
INS_WORK_OTH	H1C. insurance through someone elses work/employer	36
INS_WORK_POL	H1bB. type of insurance coverage (individual/family)	36
INSURANCE	H1B-H1M: type of health insurance (created)	35
INSURED_12M	H5. has had health ins for all of the past 12 months	47
INSURED_PIT	currently has health insurance (at time of survey)	46
LIMIT_ACTIVITY	HS2. limited in ability to wrk because of health, emot, mental issues	81
LOW_07	IN4,IN5: Lower bound for income category (created)	91
LOW_MO	IN7,IN8: Lower bound for income category (created)	95
M_ADDJOB	E2A. does targets mother have more than one job (y/n)	113
M_AGE	S6. age of the mother of the target	112
M_AGE_GE18	S6a. mother of target is >= 18 years of age (y/n)	112
M_AGE_GRP	Grouped age for targets mother (created)	112
M_EDUC	S9. education level for mother of target	111
M_EMP_CAT	E1A. targets mothers employment status category	113
M_ESI_DEP	E12A. targets mothers ESI includes coverage for dependents	118
M_ESI_DEP_I	Imputed (regression imputation)	119

Variable Name	Variable Label	Page Number in Data Dictionary
M_ESI_OFFER	E11. targ mothers employer offered health insurance to targ mother	117
M_FRM_ESI	E10A. targ mothers employer offers health insurance to employees	117
M_FRM_GT50	E7A. for targ mother, main employer has >50 employees	116
M_FRM_SZ_LG	E9A. for targ mother, if >50, how many employees (categories)	116
M_FRM_SZ_SM	E8A. for targ mother, if <=50, how many employees (categories)	116
M_HRS_MAIN	E4A. total num of hrs worked /wk at main job for targets mother	114
M_HRS_OTH	E5A. total num of hrs worked /wk at other job for targets mother	114
M_NOESI_WHY	E11a. why targets mother did not accept ESI	118
M_NUMJOBS	E3A. total number of jobs targets mother has	114
M_STUDENT	E14A. targets mother is currently a full-time student (>3/4 time)	119
M_TENR_MON	E6A. months worked at main job for targets mother	115
M_TENR_YRS	E6A. years worked at main job for targets mother	115
M_TENURE	E6A. category of ans for time targets mother has worked at main job	115
M_VETERAN	E13A. targets mother is a veteran of the US military	119
MARITAL_STATUS	S11. Marital status	34
NOCARE_APP	A9bA. in past 12 m, did not see a doc as soon as needed	73
NOCARE_INS	A9bB. in past 12 m, could not see doc because of type of ins	73
NOCARE_NEWPT	A9bC. in past 12 m, was told by doc no appt avail for new patients	74
NOESI_WHY	E11a. why target did not accept ESI	60
NOINS_12M	Uninsured at some time in past 12 mons (created)	49
NOINS_MON	H7. time (mons) since last had health insurance	49
NOINS_NUM	H6. num of months (in the past 12) w/o health ins	47
NOINS_OOP	H3b. if YES to verification, does someone else pay for hc	43
NOINS_PRIOR1	H9. what was the last type of health insurance the target had	53
NOINS_PRIOR1_I	H9. Imputed (regression imputation)	54
NOINS_PRIOR2	H9. what was the last type of health insurance the target had	53
NOINS_PRIOR3	H9. what was the last type of health insurance the target had	53

Variable Name	Variable Label	Page Number in Data Dictionary
NOINS_PRIOR4	H9. what was the last type of health insurance the target had	53
NOINS_PRIOR5	H9. what was the last type of health insurance the target had	53
NOINS_RES1	H8a. insured family member lost job or changed employers	50
NOINS_RES10	H8k. other reason	53
NOINS_RES2	H8b. insured family member no longer part of family (divorce, etc.)	50
NOINS_RES3	H8c. wking family mem is not offered ins or not eligible for ins	50
NOINS_RES4	H8d. lost eligibility for Medicaid or CHP	51
NOINS_RES5	H8e. cost is too high	51
NOINS_RES6	H8g. do not need health insurance	51
NOINS_RES7	H8h. do not know how to get health insurance	52
NOINS_RES8	H8i. traded health ins for another benefit or higher pay	52
NOINS_RES9	H8j. cannot get health insurance because of pre-existing condition	52
NOINS_TIME	H7. time since last had health ins (set-up)	48
NOINS_YRS	H7. time (years) since last had health insurance	48
NUM_FAM	number of people in Targets family	34
NUM_HH	S4. Number of people in Targets household	30
NUMWK_FAM	total number of workers in targets immediate family	98
NUMWK_FT	number of full-time workers in targets immediate family	98
NUMWK_HH	total number of workers in household	102
NUMWK_PT	number of part-time workers in targets immediate family	98
OOP_DEN	A10ab. in past 12 m, out-of-pocket expense for dental (amount)	76
OOP_DEN_CAT	A10bb. in past 12 m, out-of-pocket expense for dental (category)	77
OOP_DEN_GRP	A10a,b: comb from continuous and cat vars (created)	77
OOP_DEN_I	Imputed OOP Dental from continuous and categorical vars	78
OOP_OTH	A10ac. in past 12 m, out-of-pocket expense for other med (amount)	78
OOP_OTH_CAT	A10bc. in past 12 m, out-of-pocket expense for other med (category)	79
OOP_OTH_GRP	A10a,b: comb from continuous and cat vars (created)	79
OOP_OTH_I	Imputed OOP Other from continuous and categorical vars	80

Variable Name	Variable Label	Page Number in Data Dictionary
OOP_RX	A10aa. in past 12 m, out-of-pocket expense for Rx meds (amount)	74
OOP_RX_CAT	A10ba. in past 12 m, out-of-pocket expense for Rx meds (category)	75
OOP_RX_GRP	A10a,b: comb from continuous and cat vars (created)	75
OOP_RX_I	Imputed OOP Rx from continuous and categorical vars	76
PH_TYPE	Sa4. Type of phone(s) in household	30
PROB_PAYING	A11. in past 12 m, had prob paying medical bills	80
RACE	D2: combined race variable (created)	83
RACE1	D2. targets race - 1st selection	82
RACE2	D2. targets race - 2nd selection	82
RACE3	D2. targets race - 3rd selection	82
RACE4	D2. targets race - 4th selection	82
RACE5	D2. targets race - 5th selection	82
RACE6	D2. targets race - 6th selection	82
RACE7	D2. targets race - 7th selection	82
REGION	Region based on resp answer to county/zip code (strata variable)	133
RXDRUGS_12M	A8. did target take any prescription drugs in past 12 mons	71
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SP_TENR_MON	E6A. months worked at main job for targets spouse	107
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SP_VETERAN	E13A. targets spouse is a veteran of the US military	111
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7. Data Dictionary (in order of survey instrument)

VARIABLE NAME: ID QUESTION NUMBER: N/A

LENGTH: 6

LABEL: Target ID

VALUES: 10002 – 81815

FORMAT: continuous

VARIABLE NAME: PH_TYPE QUESTION NUMBER: Sa4

LENGTH: 3

LABEL: Sa4. Type of phone(s) in household

VALUE: 1 Cell phone only
2 Landline phone in your home
3 Both a cell phone and landline

FORMAT: nominal

NOTES: cell only sample

VARIABLE NAME: NUM_HH QUESTION NUMBER: S4

LENGTH: 3

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

VALUES: 1 – 10
98 Don't know
99 Refused

FORMAT: count

NOTES: variable contains no missing values

VARIABLE NAME: GENDER QUESTION NUMBER: S6a

LENGTH: 3

LABEL: S7a. Gender

VALUES: 1 Male
2 Female
9 Refused

FORMAT: nominal

VARIABLE NAME: EDUCATION QUESTION NUMBER: S9

LENGTH: 3

LABEL: S9a. 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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: EMPLOYED QUESTION NUMBER: S9aa

LENGTH: 3

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

VALUES: 1 Yes, working
2 No, not working
8 Don't know
9 Refused

FORMAT: nominal

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

VARIABLE NAME: AGE QUESTION NUMBER: S6

LENGTH: 4

LABEL: Sa2. Age (years)

VALUES: 0 – 102
999 Refused

FORMAT: continuous

VARIABLE NAME: AGE_GRP QUESTION NUMBER: n/a

LENGTH: 8

LABEL: Grouped age (created)

VALUES: –9 Refused
1 0 to 18
2 19 to 34
3 35 to 54
4 55 to 64
5 65 and older

FORMAT: ordinal

NOTES: created from continuous age (Q Sa2)

VARIABLE NAME: AGE_GE18 QUESTION NUMBER: S6a1

LENGTH: 3

LABEL: S6b1. Age is 18 years or older

VALUES: 1 Less than 18 years of age
2 18 years of age or older

FORMAT: ordinal

NOTES: asked if Sa2 was 999 (Refused)

VARIABLE NAME: NUM_FAM QUESTION NUMBER: n/a

LENGTH: 3

LABEL: Number of people in Target's family

VALUES: 1 – 10

FORMAT: count

NOTES: variable generated from CATI computer during interview; contains no missing values

VARIABLE NAME: MARITAL_STATUS QUESTION NUMBER: S11

LENGTH: 3

LABEL: S11. Marital status

VALUES:
1 Married
2 Living with partner
3 Divorced
4 Separated
5 Widowed
6 Never Married
9 Don't Know
9 Refused

FORMAT: nominal

NOTES: asked if target was 17 years or older

VARIABLE NAME: INSURANCE QUESTION NUMBER: n/a

LENGTH: 8

LABEL: H1B-H1M: type of health insurance (created)

VALUES:
1 Employer
2 Medicare
3 Medicaid
4 CHP Plus
5 Private
6 Other
7 Uninsured

FORMAT: nominal

NOTES: created from individual insurance variables (e.g., INS_<name>); hierarchy according to examples from The Kaiser Commission on Medicaid and the Uninsured

VARIABLE NAME: INS_WORK QUESTION NUMBER: H1B

LENGTH: 3

LABEL: H1B. currently has health ins through employer

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

FORMAT: nominal

VARIABLE NAME: INS_WORK_POL QUESTION NUMBER: H1Bb

LENGTH: 3

LABEL: H1bB. type of insurance coverage (individual/family)

VALUES: 1 Individual policy
2 Family policy (covers more than one person)
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: INS_WORK_OTH QUESTION NUMBER: H1C

LENGTH: 3

LABEL: H1C. insurance through someone else's work/employer

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

FORMAT: nominal

VARIABLE NAME: INS_OTH_PAR QUESTION NUMBER: H1Cc

LENGTH: 3

LABEL: H1cC. If yes to H1c, is coverage through parent/guardian

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

FORMAT: nominal

VARIABLE NAME: INS_MEDICARE QUESTION NUMBER: H1D

LENGTH: 3

LABEL: H1D. currently has Medicare

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

FORMAT: nominal

VARIABLE NAME: INS_RR QUESTION NUMBER : H1e

LENGTH: 3

LABEL: H1e. currently has Railroad retirement plan

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

FORMAT: nominal

VARIABLE NAME: INS_MILITARY QUESTION NUMBER: H1f

LENGTH: 3

LABEL: H1F. currently has Veterans Affairs, Military Health, or CHAMPA

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

FORMAT: nominal

VARIABLE NAME: INS_INDIAN QUESTION NUMBER: H1g

LENGTH: 3

LABEL: H1g. currently has Indian Health Service

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

FORMAT: nominal

VARIABLE NAME: INS_MEDICAID QUESTION NUMBER: H1H

LENGTH: 3

LABEL: H1H. currently has Medicaid

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

FORMAT: nominal

VARIABLE NAME: INS_CHP QUESTION NUMBER: H1i

LENGTH: 3

LABEL: H1I. currently has Child Health Plan Plus

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

FORMAT: nominal

VARIABLE NAME: INS_STUDENT QUESTION NUMBER: H1K

LENGTH: 3

LABEL: H1K. currently has student health insurance

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

FORMAT: nominal

VARIABLE NAME: INS_PRIVATE QUESTION NUMBER: H1L

LENGTH: 3

LABEL: H1L. currently buys health insurance directly

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

FORMAT: nominal

VARIABLE NAME: INS_PRIV_OTH QUESTION NUMBER: H1M

LENGTH: 3

LABEL: H1M. currently has health ins bought directly by someone else

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

FORMAT: nominal

VARIABLE NAME: INS_PRIV_FAM QUESTION NUMBER: H1mb

LENGTH: 3

LABEL: H1MM. private insurance is a individual or family policy

VALUES: 1 Individual policy
2 Family policy (covers more than one person)
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: INS_PRIV_PAR QUESTION NUMBER: H1mb

LENGTH: 3

LABEL: H1mbM. private insurance is provided by parent or guardian

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

FORMAT: nominal

VARIABLE NAMES: INS_OTH_RESP1, INS_OTH_RESP2, INS_OTH_RESP3, INS_OTH_RESP4, INS_OTH_RESP5, AND INS_OTH_RESP6

QUESTION NUMBER: H2

LENGTH: 3

LABEL: H2. currently has other type of health insurance

VALUES:
0 No other type of insurance
1 Workers compensation for specific injury/illness
2 Employer pays for bills, but not an insurance policy
3 Family member pays out of pocket for any bills
4 Other non insurance payment source like a discount card
7 Other Insurance
8 Don't know
9 Refused

FORMAT: nominal

NOTES: each individual variable contains a possible answer for multiple choice question; asked if H1b – H1m were all NO

VARIABLE NAME: INS_VERIFY QUESTION NUMBER: H3

LENGTH: 3

LABEL: H3. verify that target does NOT currently has health insurance

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

FORMAT: nominal

VARIABLE NAME: INS_VER_TYPE QUESTION NUMBER: H3a

LENGTH: 3

LABEL: H3a. if NO to verification (H3), what type of insurance

VALUES:
1 Cobra
2 Health insurance through your/Target's work or union
3 Health insurance through someone else's work or union
4 Medicare
5 Railroad Retirement Plan
6 Veteran's Affairs, Military Health, TRICARE or CHAMPUS
7 Indian Health Service
8 Medicaid
9 Child Health Plan Plus
10 <NOT USED>
11 Student health plan
12 Health insurance bought directly by you/Target
13 Health insurance bought directly by someone else
14 <NOT USED>
15 Workers compensation for specific injury/illness
16 Employer pays for bills, but not an insurance policy
17 Family member pays out of pocket for any bills
18 Other non insurance payment source like a discount card
97 Other Insurance
98 Don't know
99 Refused

FORMAT: nominal

NOTES: asked only if H3 is NO. In other words, the target currently have health insurance but has not yet indicated what type of health insurance he/she has

VARIABLE NAME: NOINS_OOP QUESTION NUMBER: H3b

LENGTH: 3

LABEL: H3b. if YES to verification (H3), does someone else pay for health care

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

FORMAT: nominal

VARIABLE NAME: IHS_OOP QUESTION NUMBER: H3c

LENGTH: 3

LABEL: H3c. if Ind Health Serv, does someone else pay hc bills

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

FORMAT: nominal

NOTES: if target currently has Indian Health Services, H3c verifies whether he/she has some other possible type of health insurance

VARIABLE NAME: IHS_OTH_TYPE QUESTION NUMBER: H4

LENGTH: 3

LABEL: H4. if yes to H3c, who pays for hc bills

VALUES:
1 Cobra
2 Health insurance through your/Target's work or union
3 Health insurance through someone else's work or union
4 Medicare
5 Railroad Retirement Plan
6 Veteran's Affairs, Military Health, TRICARE or CHAMPUS
7 Indian Health Service
8 Medicaid
9 Child Health Plan Plus
10 <NOT USED>
11 Student health plan
12 Health insurance bought directly by you/Target
13 Health insurance bought directly by someone else
14 <NOT USED>
15 Workers compensation for specific injury/illness
16 Employer pays for bills, but not an insurance policy
17 Family member pays out of pocket for any bills
18 Other non insurance payment source like a discount card
97 Other Insurance
98 Don't know
99 Refused

FORMAT: nominal

NOTES: if H3c is YES, what type of additional type of health insurance does target have (in addition to Indian Health Service)

VARIABLE NAME: IHS_OTH_FAMI QUESTION NUMBER: H4a

LENGTH: 3

LABEL: H-4a. if Ind Health Srv has other coverage, is it ind/family policy

VALUES: 1 Individual policy
2 Family policy (covers more than one person)
8 Don't know
9 Refused

FORMAT: nominal

NOTES: if target has health insurance in addition to Indian Health Service, is the policy individual or a family policy

VARIABLE NAME: IHS_OTH_FAMO QUESTION NUMBER: H4a

LENGTH: 3

LABEL: H-4a. if Ind Health Srv and covered by someone else, is policy

VALUES: 1 Individual policy
2 Family policy (covers more than one person)
8 Don't know
9 Refused

FORMAT: nominal

NOTES: if target has Indian Health Service and is covered by someone else's health insurance, is that policy individual or family

VARIABLE NAME: IHS_OTH_PAR QUESTION NUMBER: H4b

LENGTH: 3

LABEL: H4b. if yes to H4a, was policy bought directly by parent/guardian?

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

FORMAT: nominal

VARIABLE NAME: IHS_OTH_PARWK QUESTION NUMBER: H4b

LENGTH: 3

LABEL: H4b. if yes to H4a, is policy through parent/guardians work?

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

FORMAT: nominal

VARIABLE NAME: INSURED_PIT QUESTION NUMBER: n/a

LENGTH: 3

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

VALUES: 1 TARGET is Insured
2 NOT Insured

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_12M QUESTION NUMBER: H5

LENGTH: 3

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

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

FORMAT: nominal

VARIABLE NAME: NOINS_NUM QUESTION NUMBER: H6

LENGTH: 3

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

VALUES: 0 Less than one month
1 – 12 (months)
97 Not asked
98 Don't know
99 Refused

FORMAT: count

NOTES: answered if H5 = NO

VARIABLE NAME: NOINS_TIME QUESTION NUMBER: H7

LENGTH: 3

LABEL: H7. time since last had health ins (set-up)

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
97 Never had coverage
98 Don't know
99 Refused

FORMAT: nominal

NOTES: answered only if target is UNINSURED

VARIABLE NAME: NOINS_YRS QUESTION NUMBER: H7

LENGTH: 3

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

VALUES: 1 – 30 (years)

FORMAT: count

NOTES: answered only if target is UNINSURED

VARIABLE NAME: NOINS_MON QUESTION NUMBER: H7

LENGTH: 3

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

VALUES: 1 – 24 (months)

FORMAT: count

NOTES: answered only if target is UNINSURED

VARIABLE NAME: NOINS_12M QUESTION NUMBER: n/a

LENGTH: 8

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

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

FORMAT: nominal

NOTES: Yes if INSURED_PIT = NO, or if INSURED_PIT = YES and INSURED_12M = NO

VARIABLE NAME: NOINS_RES1 QUESTION NUMBER: H8a

LENGTH: 3

LABEL: H8a. insured family member lost job or changed employers

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES2 QUESTION NUMBER: H8b

LENGTH: 3

LABEL: H8b. insured family member no longer part of family (divorce, etc.)

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES3 QUESTION NUMBER: H8c

LENGTH: 3

LABEL: H8c. wking family mem is not offered ins or not eligible for ins

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES4 QUESTION NUMBER: H8d

LENGTH: 3

LABEL: H8d. lost eligibility for Medicaid or CHP

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES5 QUESTION NUMBER: H8e

LENGTH: 3

LABEL: H8e. cost is too high

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES6 QUESTION NUMBER: H8g

LENGTH: 3

LABEL: H8g. do not need health insurance

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES7 QUESTION NUMBER: H8h

LENGTH: 3

LABEL: H8h. do not know how to get health insurance

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES8 QUESTION NUMBER: H8i

LENGTH: 3

LABEL: H8i. traded health ins for another benefit or higher pay

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES9 QUESTION NUMBER: H8j

LENGTH: 3

LABEL: H8j. cannot get health insurance because of pre-existing condition

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

FORMAT: nominal

VARIABLE NAME: NOINS_RES10 QUESTION NUMBER: H8k

LENGTH: 3

LABEL: H8k. other reason

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

FORMAT: nominal

VARIABLE NAMES: NOINS_PRIOR1, NOINS_PRIOR2, NOINS_PRIOR3, NOINS_PRIOR4, AND NOINS_PRIOR5

QUESTION NUMBER: H9

LABEL: H9. what was the last type of health insurance the target had

VALUES: 1 Cobra
2 Health insurance through your/Target's work or union
3 Health insurance through someone else's work or union
4 Medicare
5 Railroad Retirement Plan
6 Veteran's Affairs, Military Health, TRICARE or CHAMPUS
7 Indian Health Service
8 Medicaid
9 Child Health Plan Plus
10 <NOT USED>
11 Student health plan
12 Health insurance bought directly by you/Target
13 Health insurance bought directly by someone else
14 <NOT USED>
15 Workers compensation for specific injury/illness
16 Employer pays for bills, but not an insurance policy
17 Family member pays out of pocket for any bills
18 Other non insurance payment source like a discount card
93 Other Insurance #1
94 Other Insurance #2
95 Other Insurance #3
96 Other Insurance #4
97 Other Insurance #5
98 Don't know

99 Refused

FORMAT: nominal

NOTES: each individual variable contains a possible answer for multiple choice question; asked if target is currently UNINSURED

VARIABLE NAME: NOINS_PRIOR1_I QUESTION NUMBER: n/a

LENGTH: 3

LABEL: H9. Imputed (regression imputation)

VALUES:
1 Cobra
2 Health insurance through your/Target's work or union
3 Health insurance through someone else's work or union
4 Medicare
5 Railroad Retirement Plan
6 Veteran's Affairs, Military Health, TRICARE or CHAMPUS
7 Indian Health Service
8 Medicaid
9 Child Health Plan Plus
10 <NOT USED>
11 Student health plan
12 Health insurance bought directly by you/Target
13 Health insurance bought directly by someone else
14 <NOT USED>
15 Workers compensation for specific injury/illness
16 Employer pays for bills, but not an insurance policy
17 Family member pays out of pocket for any bills
18 Other non insurance payment source like a discount card
93 Other Insurance #1
94 Other Insurance #2
95 Other Insurance #3
96 Other Insurance #4
97 Other Insurance #5
98 Don't know
99 Refused

FORMAT: nominal

NOTES: Single regression imputation (IVEware, University of Michigan) was used to impute missing values.

VARIABLE NAME: EMP_CATEGORY QUESTION NUMBER: E1A

LENGTH: 3

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

VALUES:
1 Self-employed
2 Employed by military
3 Employed by someone else
4 Unpaid worker for a family business or family farm
5 Retired
6 Unemployed and looking for work
7 Not employed and not looking for work
10 Unable to work because of a disability
98 Don't Know
99 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
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: EMP_NUMJOBS QUESTION NUMBER: E3A

LENGTH: 3

LABEL: E3A. total number of jobs target has

VALUES: 1 2 jobs
2 3 jobs
3 4 or more jobs
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: asked if E2a = Yes

VARIABLE NAME: EMP_HRS_MAIN QUESTION NUMBER: E4A

LENGTH: 4

LABEL: E4A. total num of hrs worked /wk at main job

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: continuous

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

VARIABLE NAME: EMP_HRS_OTH QUESTION NUMBER: E5A

LENGTH: 4

LABEL: E5A. total num of hrs worked /wk at other job

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: continuous

NOTES: asked if E2 = YES

VARIABLE NAME: EMP_TENURE QUESTION NUMBER: E6A

LENGTH:

LABEL: How long have you/has Target worked for your/their (main) job?

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
98 Don't Know
99 Refused

FORMAT: nominal

VARIABLE NAME: EMP_TENR_YRS QUESTION NUMBER: n/a

LENGTH: 3

LABEL: E6A. years worked at main job

VALUES: 0 – 65

FORMAT: count

NOTES: populated if E6A = 1

VARIABLE NAME: EMP_TENR_MON QUESTION NUMBER: n/a

LENGTH: 3

LABEL: E6A. months worked at main job

VALUES: 1 – 24

FORMAT: count

NOTES: populated if E6A = 2

VARIABLE NAME: FIRM_GT50 QUESTION NUMBER: E7A

LENGTH: 3

LABEL: E7A. main employer has >50 employees

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

FORMAT: nominal

VARIABLE NAME: FIRM_SIZE_SM QUESTION NUMBER E8A

LENGTH: 3

LABEL: E8A. if <=50, how many employees (categories)

VALUES: 1 Just one
2 Between 2 and 10
3 Between 11 and 50
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: asked if E7A = NO

VARIABLE NAME: FIRM_SIZE_LG QUESTION NUMBER: E9A

LENGTH: 3

LABEL: E9A. if >50, how many employees (categories)

VALUES: 1 Between 51 and 100
2 Between 101 and 500
3 Between 501 and 1000
4 Over 1000
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: asked if E7A = YES

VARIABLE NAME: FIRM_ESI QUESTION NUMBER: E10A

LENGTH: 3

LABEL: E10A. employer offers health insurance to employees

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

NOTES: CATI computer populated category 0 during interview

VARIABLE NAME: ESI_OFFERED QUESTION NUMBER: E11

LENGTH: 3

LABEL: E11. employer offered health insurance to target

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

NOTES: CATI computer populated category 0 during interview

VARIABLE NAME: NOESI_WHY QUESTION NUMBER: E11a

LENGTH: 3

LABEL: E11a. why target did not accept ESI

VALUES: 1 Do not need or want health insurance
2 Rarely sick/I take care of myself
3 <NOT USED>
4 Too expensive/could not afford
5 Don't like benefits package
6 <NOT USED>
7 Not eligible, other
8 Will get health insurance soon
9 After waiting period, will be covered by a policy
10 Don't know where to begin/where to go
97 Other

FORMAT: nominal

NOTES: asked if E11 = NO

VARIABLE NAME: ESI_DEP QUESTION NUMBER: E12A

LENGTH: 3

LABEL: E12A. ESI includes coverage for dependents

VALUES: 1 Yes
2 No
8 Don't Know
9 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
8 Don't Know
9 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
8 Don't Know
9 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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: USOC_TYPE QUESTION NUMBER: A2

LENGTH: 3

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

VALUES: 1 A doctor's office or private clinic
2 A community health center or other public clinic
3 A retail clinic like Wal-Mart
4 A hospital emergency room
5 An urgent care center
6 Or, some other place
7 Doesn't go to one place most often
8 Don't know
9 Refused

FORMAT: nominal

NOTES: asked for either A1 = YES or NO

VARIABLE NAME: USOC_TYPE_HCTR QUESTION NUMBER: A2a

LENGTH: 3

LABEL: A2a. specific type of health center used for health care issues

VALUES:
1 County public health department
2 Community health center
3 A school-based health center
4 A family planning clinic
5 A Veteran's Affairs or military clinic or hospital
8 Don't know
9 Refused

FORMAT: nominal

NOTES: asked if A2 = 2 (community health center or other public health clinic)

VARIABLE NAME: USOC_TYPE_HCTR_I QUESTION NUMBER: n/a

LENGTH: 3

LABEL: A2a. Imputed (regression imputation)

VALUES:
1 County public health department
2 Community health center
3 A school-based health center
4 A family planning clinic
5 A Veteran's Affairs or military clinic or hospital

FORMAT: nominal

NOTES: imputed using single regression imputation

VARIABLE NAME: USOC_WHY QUESTION NUMBER A2b

LENGTH: 3

LABEL: A2b. reason for having no usual source of care

VALUES:
1 Can't afford it
2 Do not have health insurance
3 Rarely get sick
4 Clinic hours don't fit my schedule
5 Transportation difficulties - general
6 Transportation difficulties – live in rural area and it's too far
7 Transportation difficulties – live in urban area and it's too far
8 Transportation difficulties – live in rural area and public transportation is difficult
9 Transportation difficulties – live in urban area and public transportation is difficult to use
10 Language is a barrier
11 Do not like/trust/believe in doctors
12 Clinic used to go to closed
13 Just moved, do not have a regular place yet
14 Just switched insurance, do not have a regular place yet
15 Two or more places depending on what's wrong
16 Use the emergency room primarily
17 Seek advice from family/friends primarily
97 Other
98 Don't know
99 Refused

FORMAT: nominal

NOTES: asked if A1 = NO

VARIABLE NAME: CULTURAL_BG QUESTION NUMBER: A2c

LENGTH: 3

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

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

FORMAT: nominal

VARIABLE NAME: ER_12M QUESTION NUMBER: A3

LENGTH: 3

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

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

FORMAT: nominal

NOTES: asked if A2d = YES

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
8 Don't know
9 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
8 Don't know
9 Refused

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: ER_RES3 QUESTION NUMBER: A3bC

LENGTH: 3

LABEL: A3bC. used ER...owed money to doctors office

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

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: ER_RES4 QUESTION NUMBER: A3bD

LENGTH: 3

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

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

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: HOSP_12M QUESTION NUMBER: A4

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

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

FORMAT: nominal

NOTES: asked if A2d = YES

VARIABLE NAME: DOC_12M 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
8 Don't know
9 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
8 Don't know
9 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
8 Don't know
9 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
8 Don't know
9 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
8 Don't know
9 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
8 Don't know
9 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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: COST_NODOC QUESTION NUMBER: A9B

LENGTH: 3

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

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

FORMAT: nominal

VARIABLE NAME: COST_NOSPEC QUESTION NUMBER: A9C

LENGTH: 3

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

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

FORMAT: nominal

VARIABLE NAME: COST_NODENT QUESTION NUMBER: A9D

LENGTH: 3

LABEL: A9E. did NOT see a dentist in past 12 mons because of cost

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

FORMAT: nominal

VARIABLE NAME: OOP_RX QUESTION NUMBER: A10aa

LENGTH: 6

LABEL: A10aa. in past 12 m, out-of-pocket expense for Rx meds (amount)

VALUES: 0 – 10,000
–8 Don't know
–9 Refused

FORMAT: continuous

VARIABLE NAME: OOP_RX_CAT QUESTION NUMBER: A10ba

LENGTH: 3

LABEL: A10ba. in past 12 m, out-of-pocket expense for Rx meds (category)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: asked if A10aa = Don't know or Refused

VARIABLE NAME: OOP_RX_GRP QUESTION NUMBER: n/a

LENGTH: 8

LABEL: A10a,b: comb from continuous and cat vars (created)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

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

VARIABLE NAME: OOP_RX_I QUESTION NUMBER: n/a

LENGTH: 8

LABEL: Imputed OOP Rx from continuous and categorical vars

VALUES: 0 – 10,000
8 Don't know
9 Refused

FORMAT: continuous

NOTES: used the category answer (A10ba) to randomly derive a continuous value, within the corresponding category range, for respondents answering only A10ba. Derived values replaced most of the missing in OOP_RX. Missing (i.e., don't know/refused) reduced from 7.3% to 1.4%

VARIABLE NAME: OOP_DEN QUESTION NUMBER: A10ab

LENGTH: 6

LABEL: A10ab. in past 12 m, out-of-pocket expense for dental (amount)

VALUES: 0 – 10,000
–8 Don't know
–9 Refused

FORMAT: continuous

VARIABLE NAME: OOP_DEN_CAT QUESTION NUMBER: A10bb

LENGTH: 3

LABEL: A10bb. in past 12 m, out-of-pocket expense for dental (category)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: asked if A10ab = Don't know or Refused

VARIABLE NAME: OOP_DEN_GRP QUESTION NUMBER: n/a

LENGTH: 8

LABEL: A10a,b: comb from continuous and cat vars (created)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

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

VARIABLE NAME: OOP_DEN_I QUESTION NUMBER: n/a

LENGTH: 8

LABEL: Imputed OOP Dental from continuous and categorical vars

VALUES: 0 – 10,000
–8 Don't know
–9 Refused

FORMAT: continuous

NOTES: used the category answer (A10bb) to randomly derive a continuous value, within the corresponding category range, for respondents answering only A10bb. Derived values replaced most of the missing in OOP_DEN. Missing (i.e., don't know/refused) reduced from 4.2% to 1.1%

VARIABLE NAME: OOP_OTH QUESTION NUMBER: A10ac

LENGTH: 6

LABEL: A10ac. in past 12 m, out-of-pocket expense for other med (amount)

VALUES: 0 – 25,000
–8 Don't know
–9 Refused

FORMAT: continuous

VARIABLE NAME: OOP_OTH_CAT QUESTION NUMBER: A10bc

LENGTH: 3

LABEL: A10bc. in past 12 m, out-of-pocket expense for other med (category)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: asked if A10ac = Don't know or Refused

VARIABLE NAME: OOP_OTH_GRP QUESTION NUMBER: n/a

LENGTH: 8

LABEL: A10a,b: comb from continuous and cat vars (created)

VALUES: 0 (zero)
1 $1 to under $200
2 $200 to under $500
3 $500 to under $1,000
4 $1,000 to under $3,000
5 $3,000 to under $5,000
6 $5,000 or more
8 Don't know
9 Refused

FORMAT: ordinal

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

VARIABLE NAME: OOP_OTH_I QUESTION NUMBER: n/a

LENGTH: 8

LABEL: Imputed OOP Other from continuous and categorical vars

VALUES: 0 – 25,000
8 Don't know
9 Refused

FORMAT: continuous

NOTES: used the category answer (A10bc) to randomly derive a continuous value, within the corresponding category range, for respondents answering only A10bc. Derived values replaced most of the missing in OOP_OTH. Missing (i.e., don't know/refused) reduced from 6.0% to 1.6%

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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: HEALTH_STATUS QUESTION NUMBER: HS1

LENGTH: 3

LABEL: HS1. opinion of current health status

VALUES:
1 Excellent
2 Very good
3 Good
4 Fair
5 Poor
8 Don't know
9 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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: ETHNICITY QUESTION NUMBER: D1

LENGTH: 3

LABEL: D1. target is Hispanic or Latino (y/n)

VALUES: 1 No, not of Hispanic origin
3 Yes
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: RACE1, RACE2, RACE3, RACE4, RACE5, RACE6, and RACE7

QUESTION NUMBER: D2

LENGTH: 3

LABEL: D2. targets race - # selection

VALUES: 1 White
2 Black or African American
3 Asian
4 Native Hawaiian or other Pacific Islander
5 American Indian or Alaska Native
6 Hispanic
7 Some other race
8 Don't know
9 Refused

FORMAT: nominal

NOTES: each individual variable contains a possible answer for multiple choice question

VARIABLE NAME: HISPANIC QUESTION NUMBER: n/a

LENGTH: 8

LABEL: D1-D2: comb Hispanic/Latino ethnicity (created)

VALUES: 0 non–Hispanic
1 Hispanic
–9 Don't know/Refused

FORMAT: nominal

NOTES: Hispanic created if Hispanic/Latino was select for D1 or Hispanic for D2

VARIABLE NAME: RACE QUESTION NUMBER: n/a

LENGTH: 8

LABEL: D2: combined race variable (created)

VALUES: 1 White
2 African American
3 Asian
4 Pac Islander
5 Native Amer/Alaskan
6 Hispanic
7 Other
8 Mixed Race
–9 Don't know/Refused

FORMAT: nominal

NOTES: created from RACE1 – RACE7. If more than 1 RACE# variable was populated, then target was designated as Mixed Race

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
8 Don't know
9 Refused

FORMAT: nominal

NOTES: asked for landline sample only

VARIABLE NAME: CELL_NUM QUESTION NUMBER: D9a

LENGTH: 3

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

VALUES: 1 – 7
98 Don't know
99 Refused

FORMAT: count

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
8 Don't know
9 Refused

FORMAT: ordinal

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

VARIABLE NAME: HOME_OWNER QUESTION NUMBER: D10

LENGTH: 3

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

VALUES:
1 Owned or being bought by you or someone in your household
2 Rented for cash
3 Occupied without payment of rent
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: CO_LIVE QUESTION NUMBER: D11

LENGTH: 3

LABEL: D11. category for answer to how long target has live in Colorado

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
3 Lived in Colorado for entire life
98 Don't know
99 Refused

FORMAT: nominal

VARIABLE NAME: CO_LIVE_YRS QUESTION NUMBER: n/a

LENGTH: 8

LABEL: D11. time target has lived in Colorado (ans given in years)

VALUES: 0 – 100

FORMAT: count

NOTES: populated if D11 = 1

VARIABLE NAME: CO_LIVE_MONS QUESTION NUMBER: n/a

LENGTH: 3

LABEL: D11. time target has lived in Colorado (ans given in mons)

VALUES: 0 – 24

FORMAT: count

NOTES: populated if D11 = 2

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
8 Don't know
9 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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: INC_SS QUESTION NUMBER: IN2B

LENGTH: 3

LABEL: IN2B. In 2007, target/family received inc from SS benefits (y/n)

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

FORMAT: nominal

VARIABLE NAME: INCOME_2007 QUESTION NUMBER: IN3

LABEL: IN3. total family income for 2007

VALUES: 1 – 9,500,000
–8 Don't know
–9 Refused

FORMAT: continuous

VARIABLE NAME: INCOME_2007_I QUESTION NUMBER: n/a

LABEL: Imputed 2007 income (categorical var & regression imp)

VALUES: 1 – 9,500,000

FORMAT: continuous

NOTES: used the answers from (IN4 and IN5) to randomly derive a continuous value, within the corresponding category range, for respondents answering IN4 or IN5. Missing reduced from 18% to 7%. Single regression imputation (IVEware, University of Michigan) was used to impute the remaining 7% missing.

VARIABLE NAME: INC_07_CAT1 QUESTION NUMBER: IN3a

LABEL: IN3a. 2007 family income is higher or lower than 250% FPL

VALUES:
1 Under AMT6
2 AMT6 or more
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if respondent answered Don't know/Refused to IN3. AMT6 is based on the 2007 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_07_CAT2 QUESTION NUMBER: IN4

LABEL: IN4. 2007 family income as categories lower than 250% FPL

VALUES:
1 Less than AMT1
2 AMT1 to under AMT2
3 AMT2 to under AMT3
4 AMT3 to under AMT4
5 AMT4 to under AMT5
6 AMT5 to under AMT6
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if IN3a = 1. AMT# are based on the 2007 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_07_CAT3 QUESTION NUMBER: IN5

LABEL: IN5. 2007 family income as categories higher than 250% FPL

VALUES:
2 AMT6 to under AMT7
3 AMT7 to under AMT8
4 AMT8 to under AMT9
5 AMT9 to under AMT10
6 AMT10 OR MORE
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if IN3a = 2. AMT# are based on the 2007 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_2007_GRP QUESTION NUMBER: n/a

LABEL: Income based on quartiles of 2007 inc (created)

VALUES:
1 0 to <30000
2 30000 to <60000
3 60000 to <90000
4 90000 and greater
–9 Don't Know/Refused

FORMAT: ordinal

NOTES: created from continuous answer (IN3) or the amounts from (IN4 or IN5). Categories are based on quartiles of continuous income for 2007 (IN3)

VARIABLE NAME: INC_2007_GRP_I QUESTION NUMBER: n/a

LABEL: Grouped 2007 income from imputed income (created)

VALUES: 1 0 to <30000
2 30000 to <60000
3 60000 to <90000
4 90000 and greater
–9 Don't Know/Refused

FORMAT: ordinal

NOTES: created from the imputed variable INCOME_2007_I and based on quartiles of 2007 continuous income (IN3)

VARIABLE NAME: HIGH_07 QUESTION NUMBER: n/a

LABEL: IN4,IN5: Upper bound for income category (created)

VALUES: 6,000 – 248,400
–9 Don't Know/Refused

FORMAT: continuous

NOTES: created from Colorado 2007 Poverty Guidelines table. Based on the family size for respondent and the category answered for IN4 or IN5. If IN5 = 6, HIGH_07 was populated with AMT10 plus 20%.

VARIABLE NAME: LOW_07 QUESTION NUMBER: n/a

LABEL: IN4,IN5: Lower bound for income category (created)

VALUES: 0 – 207,000
–9 Don't Know/Refused

FORMAT: continuous

NOTES: created from Colorado 2007 Poverty Guidelines table. Based on the family size for respondent and the category answered for IN4 or IN5.

VARIABLE NAME: INCOME_MON QUESTION NUMBER: IN6

LABEL: IN6. total family income for previous month

VALUES: 0 – 2,000,000
–8 Don't know
–9 Refused

FORMAT: continuous

VARIABLE NAME: INCOME_MON_I QUESTION NUMBER: n/a

LABEL: Imputed monthly income (categorical var & regression imp)

VALUES: 0 – 2,000,000

FORMAT: continuous

NOTES: used the answers from (IN7 and IN8) to randomly derive a continuous value, within the corresponding category range, for respondents answering IN7 or IN8. Missing reduced from 16.4% to 8.4%. Single regression imputation (IVEware, University of Michigan) was used to impute the remaining 8.4% missing.

VARIABLE NAME: INC_MON_CAT1 QUESTION NUMBER: IN6a

LABEL: IN6a. prev mon family income is higher or lower than 250% FPL

VALUES: 1 Under AMT6
2 AMT6 or more
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if respondent answered Don't know/Refused to IN6. AMT6 is based on the 2008 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_MON_CAT2 QUESTION NUMBER: IN7

LABEL: IN7. prev mon family income as categories lower than 250% FPL

VALUES:
1 Less than AMT1
2 AMT1 to under AMT2
3 AMT2 to under AMT3
4 AMT3 to under AMT4
5 AMT4 to under AMT5
6 AMT5 to under AMT6
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if IN6a = 1. AMT# are based on the 2008 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_MON_CAT3 QUESTION NUMBER: IN8

LABEL: IN8. prev mon family income as categories higher than 250% FPL

VALUES:
2 AMT6 to under AMT7
3 AMT7 to under AMT8
4 AMT8 to under AMT9
5 AMT9 to under AMT10
6 AMT10 OR MORE
8 Don't know
9 Refused

FORMAT: ordinal

NOTES: Asked if IN6a = 2. AMT# are based on the 2008 Colorado Poverty Guidelines table. The amount was generated by the CATI computer during the interview and is based on family size

VARIABLE NAME: INC_MON_GRP QUESTION NUMBER: n/a

LABEL: Income based on quartiles of monthly inc (created)

VALUES: 1 0 to <2000
2 2000 to <3700
3 3700 to <6000
4 6000 and greater
–9 Don't Know/Refused

FORMAT: ordinal

NOTES: created from continuous answer (IN6) or the amounts from (IN7 or IN8). Categories are based on quartiles of continuous income for previous month (IN6)

VARIABLE NAME: INC_2007_GRP_I QUESTION NUMBER: n/a

LABEL: Grouped monthly income from imputed income (created)

VALUES: 1 0 to <2000
2 2000 to <3700
3 3700 to <6000
4 6000 and greater
–9 Don't Know/Refused

FORMAT: ordinal

NOTES: created from the imputed variable INCOME_MON_I and based on quartiles of continuous income for the previous month (IN6)

VARIABLE NAME: HIGH_MO QUESTION NUMBER: n/a

LABEL: IN7,IN8: Upper bound for income category (created)

VALUES: 500 – 14,880
–9 Don't Know/Refused

FORMAT: continuous

NOTES: created from Colorado 2008 Poverty Guidelines table. Based on the family size for respondent and the category answered for IN7 or IN8. If IN8 = 6, HIGH_MO was populated with AMT10 plus 20%.

VARIABLE NAME: LOW_MO QUESTION NUMBER: n/a

LABEL: IN7,IN8: Lower bound for income category (created)

VALUES: 0 – 12,400
–9 Don't Know/Refused

FORMAT: continuous

NOTES: created from Colorado 2008 Poverty Guidelines table. Based on the family size for respondent and the category answered for IN7 or IN8.

VARIABLE NAME: FNUM_0TO17 QUESTION NUMBER: n/a

LABEL: num of persons age 0-17 in targets immediate family

VALUES: 0 – 8

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FNUM_18TO64 QUESTION NUMBER: n/a

LABEL: num of persons age 18-64 in targets immediate family

VALUES: 0 – 4

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FNUM_GE65 QUESTION NUMBER: n/a

LABEL: num of persons age 65+ in targets immediate family

VALUES: 0 – 2

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: UNINS_FAM QUESTION NUMBER: n/a

LABEL: num of uninsured persons in targets immediate family

VALUES: 0 – 10

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FUNI_0TO17 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 0-17 in targets immediate family

VALUES: 0 – 8

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FUNI_18TO64 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 18-64 in targets immediate family

VALUES: 0 – 4

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FUNI_GE65 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 65 + in targets immediate family

VALUES: 0 – 2

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: NUMWK_FAM QUESTION NUMBER: n/a

LABEL: total number of workers in targets immediate family

VALUES: 0 – 4

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: NUMWK_FT QUESTION NUMBER: n/a

LABEL: number of full-time workers in targets immediate family

VALUES: 0 – 4

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: NUMWK_PT QUESTION NUMBER: n/a

LABEL: number of part-time workers in targets immediate family

VALUES: 0 – 3

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: FTYPE_1PAR QUESTION NUMBER: n/a

LABEL: family type is a single parent household

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: FTYPE_2PAR QUESTION NUMBER: n/a

LABEL: family type is a two-parent household

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: FTYPE_MAR QUESTION NUMBER: n/a

LABEL: family type is a married couple

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: FTYPE_SINGLE QUESTION NUMBER: n/a

LABEL: family type is a single individual

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: HNUM_0TO17 QUESTION NUMBER: n/a

LABEL: num of persons age 0-17 in household

VALUES: 0 – 8

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HNUM_18TO64 QUESTION NUMBER: n/a

LABEL: num of persons age 18-64 in household

VALUES: 0 – 8

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HNUM_GE65 QUESTION NUMBER: n/a

LABEL: num of persons age 65+ in household

VALUES: 0 – 3

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: UNINS_HH QUESTION NUMBER: n/a

LABEL: num of uninsured persons in household

VALUES: 0 – 10

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HUNI_0TO17 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 0-17 in household

VALUES: 0 – 8

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HUNI_18TO64 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 18-64 in household

VALUES: 0 – 7

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HUNI_GE65 QUESTION NUMBER: n/a

LABEL: num of uninsured persons age 65 + in household

VALUES: 0 – 2

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: NUMWK_HH QUESTION NUMBER: n/a

LABEL: total number of workers in household

VALUES: 0 – 6

FORMAT: count

NOTES: created by CATI program during interview

VARIABLE NAME: HH_SINGLE QUESTION NUMBER: n/a

LABEL: household type is single family

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: HH_EXTEN QUESTION NUMBER: n/a

LABEL: household type is an extended family

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: HH_MULTI QUESTION NUMBER: n/a

LABEL: household type is multi-family

VALUES: 0 No
1 Yes

FORMAT: nominal

NOTES: created by CATI program during interview

VARIABLE NAME: SP_EDUC QUESTION NUMBER: S9

LABEL: S9. education level for targets spouse

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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: SP_AGE QUESTION NUMBER: S6

LABEL: S6. age of the spouse of the target

VALUES:
18 – 94
–9 Don't Know/Refused

FORMAT: continuous

VARIABLE NAME: SP_AGE_GRP QUESTION NUMBER: n/a

LABEL: Grouped age for targets spouse (created)

VALUES:
–9 Refused
1 0 to 18
2 19 to 34
3 35 to 54
4 55 to 64
5 65 and older

FORMAT: ordinal

NOTES: created from continuous age (S6)

VARIABLE NAME: SP_AGE_GE18 QUESTION NUMBER: S6a1

LABEL: S6a1. spouse of target is >= 18 years of age (y/n)

VALUES: 1 Less than 18 years of age
2 18 years of age or older

FORMAT: nominal

NOTES: if S6 = Don't Know/ Refused

VARIABLE NAME: SP_EMP_CAT QUESTION NUMBER: E1a

LABEL: E1A. targets spouses employment status category

VALUES: 1 Self-employed
2 Employed by military
3 Employed by someone else
4 Unpaid worker for a family business or family farm
5 Unemployed and looking for work
6 Not employed and not looking for work
7 Retired
10 Unable to work because of a disability
98 Don't know
99 Refused

FORMAT: nominal

VARIABLE NAME: SP_ADDJOB QUESTION NUMBER: E2a

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

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

FORMAT: nominal

VARIABLE NAME: SP_NUMJOBS QUESTION NUMBER: E3a

LABEL: E3A. total number of jobs targets spouse has

VALUES: 1 2 jobs
2 3 jobs
3 4 or more jobs
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E2a = YES

VARIABLE NAME: SP_HRS_MAIN QUESTION NUMBER: E4a

LABEL: E4A. total num of hrs worked /wk at main job for targets spouse

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: SP_HRS_OTH QUESTION NUMBER: E5a

LABEL: E5A. total num of hrs worked /wk at other job for targets spouse

VALUES: 1 – 90
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: SP_TENURE QUESTION NUMBER: E6a

LABEL: E6A. category of ans for time targets spouse has worked at main job

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
98 Don't Know
99 Refused

FORMAT: nominal

VARIABLE NAME: SP_TENR_YRS QUESTION NUMBER: E6a

LABEL: E6A. years worked at main job for targets spouse

VALUES: 1 – 60

FORMAT: continuous

VARIABLE NAME: SP_TENR_MON QUESTION NUMBER: E6a

LABEL: E6A. months worked at main job for targets spouse

VALUES: 1 – 24

FORMAT: continuous

VARIABLE NAME: SP_FRM_GT50 QUESTION NUMBER: E7a

LABEL: E7A. for targ spouse, main employer has >50 employees

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

FORMAT: nominal

VARIABLE NAME: SP_FRM_SZ_SM QUESTION NUMBER: E8a

LABEL: E8A. for targ spouse, if <=50, how many employees (categories)

VALUES: 1 Just one
2 Between 2 and 10
3 Between 11 and 50
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = NO

VARIABLE NAME: SP_FRM_SZ_LG QUESTION NUMBER: E9a

LABEL: E9A. for targ spouse, if >50, how many employees (categories)

VALUES: 1 Between 51 and 100
2 Between 101 and 500
3 Between 501 and 1000
4 Over 1000
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = YES

VARIABLE NAME: SP_FRM_ESI QUESTION NUMBER: E10a

LABEL: E10A. targ spouses employer offers health insurance to employees

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: SP_ESI_OFFER QUESTION NUMBER: E11

LABEL: E11. targ spouses employer offered health insurance to targ spouse

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: SP_NOESI_WHY QUESTION NUMBER: E11a

LABEL: E11a. why targets spouse did not accept ESI

VALUES:
1 Do not need or want health insurance
2 Rarely sick/I take care of myself
3 Too much hassle/paperwork
4 Too expensive/could not afford
5 Don't like benefits package
6 Not eligible, health condition
7 Not eligible, other
8 Will get health insurance soon
9 After waiting period, will be covered by a policy
97 Other
98 Don't know

FORMAT: nominal

NOTES: if E11 = YES and target's spouse is UNINSURED

VARIABLE NAME: SP_ESI_DEP QUESTION NUMBER: E12a

LABEL: E12A. targets spouses ESI includes coverage for dependents

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

FORMAT: nominal

VARIABLE NAME: SP_VETERAN QUESTION NUMBER: E13a

LABEL: E13A. targets spouse is a veteran of the US military

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

FORMAT: nominal

VARIABLE NAME: SP_STUDENT QUESTION NUMBER: E14a

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

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

FORMAT: nominal

VARIABLE NAME: M_EDUC QUESTION NUMBER: S9

LABEL: S9. education level for targets mother

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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: M_AGE QUESTION NUMBER: S6

LABEL: S6. age of the mother of the target

VALUES: 19 – 68
–9 Don't Know/Refused

FORMAT: continuous

VARIABLE NAME: M_AGE_GRP QUESTION NUMBER: n/a

LABEL: Grouped age for targets mother (created)

VALUES: –9 Refused
1 0 to 18
2 19 to 34
3 35 to 54
4 55 to 64
5 65 and older

FORMAT: ordinal

NOTES: created from continuous age (S6)

VARIABLE NAME: M_AGE_GE18 QUESTION NUMBER: S6a1

LABEL: S6a1. mother of target is >= 18 years of age (y/n)

VALUES: 1 Less than 18 years of age
2 18 years of age or older

FORMAT: nominal

NOTES: if S6 = Don't Know/ Refused

VARIABLE NAME: M_EMP_CAT QUESTION NUMBER: E1a

LABEL: E1A. targets mothers employment status category

VALUES:
1 Self-employed
2 Employed by military
3 Employed by someone else
4 Unpaid worker for a family business or family farm
5 Unemployed and looking for work
6 Not employed and not looking for work
7 Retired
10 Unable to work because of a disability
98 Don't know
99 Refused

FORMAT: nominal

VARIABLE NAME: M_ADDJOB QUESTION NUMBER: E2a

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

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

FORMAT: nominal

VARIABLE NAME: M_NUMJOBS QUESTION NUMBER: E3a

LABEL: E3A. total number of jobs targets mother has

VALUES: 1 2 jobs
2 3 jobs
3 4 or more jobs
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E2a = YES

VARIABLE NAME: M_HRS_MAIN QUESTION NUMBER: E4a

LABEL: E4A. total num of hrs worked /wk at main job for targets mother

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: M_HRS_OTH QUESTION NUMBER: E5a

LABEL: E5A. total num of hrs worked /wk at other job for targets mother

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: M_TENURE QUESTION NUMBER: E6a

LABEL: E6A. category of ans for time targets mother has worked at main job

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
98 Don't Know
99 Refused

FORMAT: nominal

VARIABLE NAME: M_TENR_YRS QUESTION NUMBER: E6a

LABEL: E6A. years worked at main job for targets mother

VALUES: 1 – 39

FORMAT: continuous

VARIABLE NAME: M_TENR_MON QUESTION NUMBER: E6a

LABEL: E6A. months worked at main job for targets mother

VALUES: 1 – 24

FORMAT: continuous

VARIABLE NAME: M_FRM_GT50 QUESTION NUMBER: E7a

LABEL: E7A. for targ mother, main employer has >50 employees

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

FORMAT: nominal

VARIABLE NAME: M_FRM_SZ_SM QUESTION NUMBER: E8a

LABEL: E8A. for targ mother, if <=50, how many employees (categories)

VALUES: 1 Just one
2 Between 2 and 10
3 Between 11 and 50
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = NO

VARIABLE NAME: M_FRM_SZ_LG QUESTION NUMBER: E9a

LABEL: E9A. for targ mother, if >50, how many employees (categories)

VALUES: 1 Between 51 and 100
2 Between 101 and 500
3 Between 501 and 1000
4 Over 1000
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = YES

VARIABLE NAME: M_FRM_ESI QUESTION NUMBER: E10a

LABEL: E10A. targ mothers employer offers health insurance to employees

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: M_ESI_OFFER QUESTION NUMBER: E11

LABEL: E11. targ mothers employer offered health insurance to targ mother

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: M_NOESI_WHY QUESTION NUMBER: E11a

LABEL: E11a. why targets mother did not accept ESI

VALUES:
1 Do not need or want health insurance
2 Rarely sick/I take care of myself
3 Too much hassle/paperwork
4 Too expensive/could not afford
5 Don't like benefits package
6 Not eligible, health condition
7 Not eligible, other
8 Will get health insurance soon
9 After waiting period, will be covered by a policy
97 Other
98 Don't know

FORMAT: nominal

NOTES: if E11 = YES and target's mother is UNINSURED

VARIABLE NAME: M_ESI_DEP QUESTION NUMBER: E12a

LABEL: E12A. targets mothers ESI includes coverage for dependents

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

FORMAT: nominal

VARIABLE NAME: M_ESI_DEP_I QUESTION NUMBER: n/a

LABEL: Imputed (regression imputation)

VALUES: 1 Yes
2 No

FORMAT: nominal

NOTES: imputed missing values from E12a using single logistic regression imputation (IVEware, University of Michigan)

VARIABLE NAME: M_VETERAN QUESTION NUMBER: E13a

LABEL: E13A. targets mother is a veteran of the US military

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

FORMAT: nominal

VARIABLE NAME: M_STUDENT QUESTION NUMBER: E14a

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

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

FORMAT: nominal

VARIABLE NAME: F_EDUC QUESTION NUMBER: S9

LABEL: S9. education level for targets father

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
8 Don't know
9 Refused

FORMAT: nominal

VARIABLE NAME: F_AGE QUESTION NUMBER: S6

LABEL: S6. age of the father of the target

VALUES: 18 – 75
–9 Don't Know/Refused

FORMAT: continuous

VARIABLE NAME: F_AGE_GRP QUESTION NUMBER: n/a

LABEL: Grouped age for targets father (created)

VALUES: –9 Refused
1 0 to 18
2 19 to 34
3 35 to 54
4 55 to 64
5 65 and older

FORMAT: ordinal

NOTES: created from continuous age (S6)

VARIABLE NAME: F_AGE_GE18 QUESTION NUMBER: S6a1

LABEL: S6a1. father of target is >= 18 years of age (y/n)

VALUES: 1 Less than 18 years of age
2 18 years of age or older

FORMAT: nominal

NOTES: if S6 = Don't Know/ Refused

VARIABLE NAME: F_EMP_CAT QUESTION NUMBER: E1a

LABEL: E1A. targets fathers employment status category

VALUES: 1 Self-employed
2 Employed by military
3 Employed by someone else
4 Unpaid worker for a family business or family farm
5 Unemployed and looking for work
6 Not employed and not looking for work
7 Retired
10 Unable to work because of a disability
98 Don't know
99 Refused

FORMAT: nominal

VARIABLE NAME: F_ADDJOB QUESTION NUMBER: E2a

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

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

FORMAT: nominal

VARIABLE NAME: F_NUMJOBS QUESTION NUMBER: E3a

LABEL: E3A. total number of jobs targets father has

VALUES: 1 2 jobs
2 3 jobs
3 4 or more jobs
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E2a = YES

VARIABLE NAME: F_HRS_MAIN QUESTION NUMBER: E4a

LABEL: E4A. total num of hrs worked /wk at main job for targets father

VALUES: 1 – 100
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: F_HRS_OTH QUESTION NUMBER: E5a

LABEL: E5A. total num of hrs worked /wk at other job for targets father

VALUES: 1 – 60
998 Don't Know
999 Refused

FORMAT: count

VARIABLE NAME: F_TENURE QUESTION NUMBER: E6a

LABEL: E6A. category of ans for time targets father has worked at main job

VALUES: 0 Less than one month
1 Answer given in years
2 Answer given in months
98 Don't Know
99 Refused

FORMAT: nominal

VARIABLE NAME: F_TENR_YRS QUESTION NUMBER: E6a

LABEL: E6A. years worked at main job for targets father

VALUES: 1 – 39

FORMAT: continuous

VARIABLE NAME: F_TENR_MON QUESTION NUMBER: E6a

LABEL: E6A. months worked at main job for targets father

VALUES: 1 – 24

FORMAT: continuous

VARIABLE NAME: F_FRM_GT50 QUESTION NUMBER: E7a

LABEL: E7A. for targ father, main employer has >50 employees

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

FORMAT: nominal

VARIABLE NAME: F_FRM_SZ_SM QUESTION NUMBER: E8a

LABEL: E8A. for targ father, if <=50, how many employees (categories)

VALUES: 1 Just one
2 Between 2 and 10
3 Between 11 and 50
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = NO

VARIABLE NAME: F_FRM_SZ_LG QUESTION NUMBER: E9a

LABEL: E9A. for targ father, if >50, how many employees (categories)

VALUES: 1 Between 51 and 100
2 Between 101 and 500
3 Between 501 and 1000
4 Over 1000
8 Don't Know
9 Refused

FORMAT: ordinal

NOTES: if E7a = YES

VARIABLE NAME: F_FRM_ESI QUESTION NUMBER: E10a

LABEL: E10A. targ fathers employer offers health insurance to employees

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: F_ESI_OFFER QUESTION NUMBER: E11

LABEL: E11. targ fathers employer offered health insurance to targ father

VALUES: 0 Yes from H1b/H3a/I1a/I3a
1 Yes
2 No
8 Don't Know
9 Refused

FORMAT: nominal

VARIABLE NAME: F_NOESI_WHY QUESTION NUMBER: E11a

LABEL: E11a. why targets father did not accept ESI

VALUES:
1 Do not need or want health insurance
2 Rarely sick/I take care of myself
3 Too much hassle/paperwork
4 Too expensive/could not afford
5 Don't like benefits package
6 Not eligible, health condition
7 Not eligible, other
8 Will get health insurance soon
9 After waiting period, will be covered by a policy
97 Other
98 Don't know

FORMAT: nominal

NOTES: if E11 = YES and target's father is UNINSURED

VARIABLE NAME: F_ESI_DEP QUESTION NUMBER: E12a

LABEL: E12A. targets fathers ESI includes coverage for dependents

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

FORMAT: nominal

VARIABLE NAME: F_ESI_DEP_I QUESTION NUMBER: n/a

LABEL: Imputed (regression imputation)

VALUES: 1 Yes
2 No

FORMAT: nominal

NOTES: imputed missing values from E12a using single logistic regression imputation (IVEware, University of Michigan)

VARIABLE NAME: F_VETERAN QUESTION NUMBER: E13a

LABEL: E13A. targets father is a veteran of the US military

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

FORMAT: nominal

VARIABLE NAME: F_STUDENT QUESTION NUMBER: E14a

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

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

FORMAT: nominal

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

VARIABLE NAME: SURVEY_DATE QUESTION NUMBER: n/a

LABEL: Date the survey was completed

VALUES: 11/12/2008 – 03/13/2009

FORMAT: continuous

VARIABLE NAME: ZIP_CODE QUESTION NUMBER: n/a

LABEL: Zip code of targets current residence (self–reported)

VALUES: 03801 – 95820

FORMAT: continuous

NOTES: as reported in the interview by respondent; may not be a valid Colorado ZIP code

VARIABLE NAME: COUNTY1 QUESTION NUMBER: COUNTY

LABEL: County as given by respondent

VALUES:
1 Adams
2 Alamosa
3 Arapahoe
4 Archuleta
5 Baca
6 Bent
7 Boulder
8 Broomfield
9 Chaffee
10 Cheyenne
11 Clear Creek
12 Conejos
13 Costilla
14 Crowley
15 Custer
16 Delta
17 Denver
18 Dolores
19 Douglas
20 Eagle
21 El Paso
22 Elbert
23 Fremont
24 Garfield
25 Gilpin
26 Grand
27 Gunnison
28 Hinsdale
29 Huerfano
30 Jackson
31 Jefferson
32 Kiowa
33 Kit Carson
34 La Plata
35 Lake
36 Larimer
37 Las Animas
38 Lincoln
39 Logan
40 Mesa
41 Mineral
42 Moffat
43 Montezuma

44 Montrose
45 Morgan
46 Otero
47 Ouray
48 Park
49 Phillips
50 Pitkin
51 Prowers
52 Pueblo
53 Rio Blanco
54 Rio Grande
55 Routt
56 Saguache
57 San Juan
58 San Miguel
59 Sedgwick
60 Summit
61 Teller
62 Washington
63 Weld
64 Yuma
97 Other
98 Don't know
99 Refused

FORMAT: nominal

VARIABLE NAME: COUNTY QUESTION NUMBER: n/a

LABEL: County as given by resp OR according to ZIP CODE

VALUES:
1 Adams
2 Alamosa
3 Arapahoe
4 Archuleta
5 Baca
6 Bent
7 Boulder
8 Broomfield
9 Chaffee
10 Cheyenne
11 Clear Creek
12 Conejos
13 Costilla
14 Crowley
15 Custer
16 Delta
17 Denver
18 Dolores
19 Douglas
20 Eagle
21 El Paso
22 Elbert
23 Fremont
24 Garfield
25 Gilpin
26 Grand
27 Gunnison
28 Hinsdale
29 Huerfano
30 Jackson
31 Jefferson
32 Kiowa
33 Kit Carson
34 La Plata
35 Lake
36 Larimer
37 Las Animas
38 Lincoln
39 Logan
40 Mesa
41 Mineral
42 Moffat
43 Montezuma

44 Montrose
45 Morgan
46 Otero
47 Ouray
48 Park
49 Phillips
50 Pitkin
51 Prowers
52 Pueblo
53 Rio Blanco
54 Rio Grande
55 Routt
56 Saguache
57 San Juan
58 San Miguel
59 Sedgwick
60 Summit
61 Teller
62 Washington
63 Weld
64 Yuma
97 Other
98 Don't know
99 Refused

FORMAT: nominal

NOTES: created by combing the self–reported county (COUNTY1) or by deriving the correct county from the ZIP code reported by the respondent

VARIABLE NAME: REGION QUESTION NUMBER: n/a

LABEL: Region based on resp answer to county/zip code (strata variable)

VALUES:
1 REGION01
2 REGION02
3 REGION03
4 REGION04
5 REGION05
6 REGION06
7 REGION07
8 REGION08
9 REGION09
10 REGION10
11 REGION11
12 REGION12
13 REGION13
14 REGION14
15 REGION15
16 REGION16
17 REGION17
18 REGION18
19 REGION19
20 REGION20
21 REGION21

FORMAT: ordinal

NOTES: strata variable for sample. Based on respondent's answer for county, or if county invalid, based on respondent's answer for ZIP code (if valid)