National Health and Nutrition Examination Survey

2015-2016 Data Documentation, Codebook, and Frequencies

Demographic Variables and Sample Weights (DEMO_I)

Data File: DEMO_I.xpt

First Published: September 2017

Last Revised: NA

Component Description

The demographics file provides individual, family, and household-level information on the following topics:

- Survey participant's household interview and examination status;
- Interview and examination sample weights;
- Masked variance units;
- Language of questionnaires used for the interviews conducted in the household and in the mobile examination center;
- Use of proxy or interpreter during the interviews;
- The six-month time period when the examination was performed;
- Pregnancy status;
- Household and family income;
- Household and family sizes;
- Household composition: the number of children (aged 5 years or younger and 6-17 years old), and adults aged 60 years or older, in the household;
- Demographic information about the household reference person; and
- Other selected demographic information, such as gender, age, race/Hispanic origin, education, marital status, military service status, country of birth, citizenship, and years of U.S. residence.

The format and coding for all the variables included in the 2015-2016 NHANES demographics file are identical to those released for the 2013-2014 survey cycle.

Similar to the 2011-2014 cycle, the sample design for NHANES 2015-2016 also includes an oversample of Asian Americans (Table 1). The variable RIDRETH3 is included to describe the participant's race and Hispanic origin.

Table 1. Unweighted sample size and percentage by race/Hispanic origin, from NHANES 2011-2014 and 2015-2016 for examined participants

	Hispanic		Non-Hispanic				Total
	Mexican American	Other Hispanic	White, single race	Black, single race	Asian, single race	Other, including multiracial persons	
2011-2014 n (%)	3,001 (15.7)	1,941 (10.1)	6,379 (33.3)	4,780 (25.0)	2,234 (11.7)	816 (4.3)	19,151 (100.0)
2015-2016 n (%)	1,921 (19.3)	1,308 (13.1)	3,066 (30.7)	2,129 (21.4)	1,042 (10.5)	505 (5.1)	9,971 (100.0)

Similar to previously released cycles, the 2015-2016 demographics file includes a variable for age in years at screening (RIDAGEYR) for all participants. Age in months at screening (RIDAGEMN) is reported for participants aged 0 to 24 months, and age in months at examination (RIDEXAGM) is reported for participants aged 0 to 19 years only. Due to increasing concerns about potential disclosure risks, information on age in months at screening and at examination for participants in other age groups are no longer included in the public release file but are available through the NCHS Research Data Center (RDC).

Eligible Sample

The target age groups for demographic variables in this file vary by the topic. Please review the codebook carefully.

Interview Setting and Mode of Administration

The family and sample person demographics questionnaires were asked, in the home, by trained interviewers using Computer-Assisted Personal Interview (CAPI) system. The respondent selected the language of interview (English or Spanish) or requested that an interpreter be used. Hand cards, showing response choices or information that survey participants needed to answer the questions, were used for some questions. The hand cards were printed in English, Spanish, Mandarin Chinese (both traditional and simplified), Korean, and Vietnamese. The interviewer directed the respondent to the appropriate hand card during the interview. When necessary, the interviewer further assisted the respondent by reading the response choices listed on the hand cards.

Persons 16 years and older and emancipated minors were interviewed directly. A proxy provided information for survey participants who were under 16 and for participants who could not answer the questions themselves.

The NHANES 2015-2016 demographics questionnaires are available on the NHANES website at: https://wwwn.cdc.gov/nchs/nhanes/continuousnhanes /questionnaires.aspx?BeginYear=2015.

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire.

After collection, interview data were reviewed by the NHANES field office staff for accuracy and completeness of selected items. The interviewers were required to record interviews

periodically and the recorded interviews were reviewed by NCHS staff and interviewer supervisors.

Data Processing and Editing

Frequency counts were checked, "skip" patterns were verified, and the reasonableness of question responses was reviewed. Edits were made to some variables to ensure the completeness, consistency, and analytic usefulness of the data. Edits were also made, when necessary, to address data disclosure concerns.

SDDSRVYR: This variable represents the two-year data release cycle number. A value of "9" denotes NHANES 2015–2016.

RIDSTATR: This status code is used to identify whether a participant was both interviewed at home and examined in the mobile examination center (MEC) or was only interviewed in the home but never went through the examination.

RIDAGEYR: Age in years, at the time of the screening interview, is reported for survey participants between the ages of 1 and 79 years of age. All responses of participants aged 80 years and older are coded as '80.' The reporting of age in single years for adults 80 years and older was determined to be a disclosure risk. In NHANES 2015-2016, the weighted mean age for participants 80 years and older is 85 years.

RIDAGEYR was calculated based on the participant's date of birth. In rare cases, the actual date of birth was missing but the participant's age in years was provided, then the reported age was used.

RIDAGEMN: The age in months, at the time of the screening interview, is provided for participants who were less than 25 months of age at the time of examination (RIDEXAGM < 25). If the exact date of birth was not provided by the respondent, the age in months was calculated based on the imputed age in years at the time of the screening interview.

RIDEXAGM: The age in months, at the time of examination, is provided for participants who were less than 240 months of age at the time of examination (RIDEXAGM < 240).

RIDEXMON: This variable indicates the six-month time period when the examination was performed. A value of "1" indicates November 1st through April 30th; a value of "2" indicates May 1st through October 31st.

RIDRETH3: This is the race-ethnicity variable included in the demographics file since the 2011-2012 survey cycle to accommodate the oversample of non-Hispanic Asian. It was derived from responses to the survey questions on race and Hispanic origin. Respondents who self-identified as "Mexican American" were coded as such (i.e., RIDRETH3=1) regardless of their other race-ethnicity identities. Otherwise, self-identified "Hispanic" ethnicity would result in code "2, Other Hispanic" in the RIDRETH3 variable. All other non-Hispanic participants would then be categorized based on their self-reported races: non-Hispanic white (RIDRETH3=3), non-Hispanic black (RIDRETH3=4), non-Hispanic Asian (RIDRETH3=6), and other non-Hispanic races including non-Hispanic multiracial (RIDRETH3=7). Code "5" was not used in RIDRETH3.

RIDRETH1: This is the race-ethnicity variable that can be linked to the previous NHANES race-ethnicity variable in 1999-2010. Non-Hispanic Asian participants are grouped with other non-Hispanic races in code "5" (other non-Hispanic race including non-Hispanic multiracial) in RIDRETH1. Codes "6" and "7" were not used in RIDRETH1. Coding procedure for other categories in RIDRETH1 was compatible to RIDRETH3.

DMDBORN4: Due to the concerns of disclosure risk, starting in 2011, country of birth was recoded into two categories: 1) Born in 50 U.S. states or Washington, DC; and 2) Born in other countries, including U.S. territories.

DMDCITZN: Citizenship status is reported using two codes: 1) Citizen by birth or naturalization; or 2) Not a citizen of the U.S. Persons who were born in the U.S. or U.S. territories who acquired citizenship at birth were coded as U.S. citizens.

DMDMARTL: The marital status question was asked of persons 14 years of age and older. Due to disclosure risks, marital status is only released for persons 20 years of age and older.

RIDEXPRG: Pregnancy status at the time of the health examination was ascertained for females 8–59 years of age. Due to disclosure risks pregnancy status is only released for women 20-44 years of age. The information used to code RIDEXPRG values included self-reported pregnancy status and urine pregnancy test results. Persons who reported they were pregnant at the time of exam were assumed to be pregnant (RIDEXPRG=1). Those who reported they were not pregnant or did not know their pregnancy status were further classified based on the results of the urine pregnancy test. If the respondent reported "no" or "don't know" and the urine test result was positive, the respondent was coded as pregnant (RIDEXPRG=1). If the respondent reported "no" and the urine test was negative, the respondent was coded not pregnant (RIDEXPRG=2). If the respondent reported did not know her pregnancy status and the urine test was negative, the respondent was coded "could not be determined" (RIDEXPRG=3). Persons who were interviewed, but not examined also have an RIDEXPRG value = 3 (could not be determined).

DMDYRSUS: This variable is the number of years the participant has lived in the United States. Participants who were born outside the U.S. were asked the month and year when they came to the U.S. to live (DMQ.160). A small number of records were imputed because the participant did not report the month of their arrival. A month value of 7 (July) was used to impute DMDYRSUS for these respondents. The responses to the question were recoded into 9 categories ranging from less than one year to 50 years or more.

DMDEDUC3: This variable provides information on the highest grade or level of education completed by participants 6-19 years of age. The responses were re-coded as follows: single years of education (grades 1-12), high school graduate/GED, and post-high school. Codes "55" (less than 5th grade) and "66" (less than 9th grade) were used to categorize older youth who had very low education levels.

DMDEDUC2: This variable is the highest grade or level of education completed by adults 20 years and older. The response categories are: less than 9th grade education, 9-11th grade education (includes 12th grade and no diploma), High school graduate/GED, some college or associates (AA) degree, and college graduate or higher.

DMQMILIZ: This is a variable included in the demographics file since the 2011-2012 survey cycle to provide information on whether the participant has ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard. Active duty does not include training for the Reserves or National Guard, but does include activation, for service in the U.S. or in a foreign country, in support of military or humanitarian operations.

Prior to 2011, the veteran status information (released in the variable DMQMILIT in the demographics file in 1999-2010) was collected in the survey using a question with different wording that asked if the participant had served in the U.S. Armed Forces.

DMQADFC: For participants who reported having served on active duty in the U.S. Armed Forces, this variable denotes whether the participant has ever served in a foreign country during a time of armed conflict or on a humanitarian or peace-keeping mission. This would include National Guard or reserve or active duty monitoring or conducting peace keeping operations in Bosnia and Kosovo, in the Sinai between Egypt and Israel, or in response to the 2004 tsunami or Haiti in 2010.

Similar to the 2013-2014 survey cycle, there is more detailed information on veterans collected in NHANES. Additional information for these veterans is available through the NCHS RDC.

SIALANG: This variable indicates the language (English or Spanish) used during the sample person questionnaire interview conducted at the participant's home.

SIAPROXY: This variable denotes whether a proxy respondent was used during the sample person questionnaire interview.

SIAINTRP: This variable denotes whether an interpreter was used during the sample person questionnaire interview. The language spoken by the respondent is only available through the NCHS RDC.

FIALANG: This variable indicates the language used during the family questionnaire interview conducted at the participant's home.

FIAPROXY: This variable denotes whether a proxy respondent was used to complete the family questionnaire interview.

FIAINTRP: This variable denotes whether an interpreter was used to complete the family questionnaire interview. The language spoken by the respondent is only available through the NCHS RDC.

MIALANG: This variable indicates the language (English or Spanish) used for the CAPI portion of the MEC interview.

MIAPROXY: This variable denotes whether a proxy respondent was used during the CAPI portion of the MEC interview.

MIAINTRP: This variable denotes whether an interpreter was used during the CAPI portion of the MEC interview. The language spoken by the respondent is only available through the NCHS RDC.

AIALANGZ: This variable indicates the language used for the audio-computer-assisted self-interviewing (ACASI) portion of the MEC interview. Starting 2011, the ACASI portion was translated into Chinese (traditional/Mandarin, simplified/Mandarin, and traditional/Cantonese), Korean, and Vietnamese to accommodate the Asian oversampling. The three categories reported are: 1) English, 2) Spanish, and 3) Asian languages.

INDFMIN2: This variable indicates the total annual family income or annual individual income (for households with one person or households comprised of unrelated individuals). A family is defined as a group of two people or more (one of whom is the householder) related by birth, marriage, or adoption and residing together.

During the household interview, the respondent was asked to report total income for the entire family (or individual) in the last calendar year in dollars. The reported dollar amount was re-coded into range values.

If the respondent was not willing or able to provide an exact dollar figure, the interviewer asked an additional question to determine whether the income was < $20,000 or ≥ $20,000. Based on the respondent's answer to this question, he/she was asked to select a category of income from a list on a hand card. For respondents who selected a category of income, their family incomes were set as the midpoints of the selected ranges. If the respondent was unable to report greater detail than < $20,000 or ≥ $20,000, then these two categories were used to report the family (or individual) income.

INDFMPIR: This variable is the ratio of family income to poverty. The Department of Health and Human Services (HHS) poverty guidelines were used as the poverty measure to calculate this ratio. These guidelines are issued each year, in the Federal Register, for determining financial eligibility for certain federal programs, such as Head Start, Supplemental Nutrition Assistance Program (SNAP), Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), and the National School Lunch Program. The poverty guidelines vary by family size and geographic location (with different guidelines for the 48 contiguous states and the District of Columbia; Alaska; and Hawaii).

INDFMPIR was calculated by dividing family (or individual) income by the poverty guidelines specific to the survey year. The value was not computed if the respondent only reported income as < $20,000 or ≥ $20,000. If family income was reported as a more detailed category, the midpoint of the range was used to compute the ratio. Values at or above 5.00 were coded as 5.00 or more because of disclosure concerns. The values were not computed if the income data was missing.

INDHHIN2: This variable indicates the total annual household income in dollar ranges. If a household was comprised of a single family or individual, the reported family income was used as household income as well. When more than one family, or one or more unrelated individuals, or a combination of a family and unrelated individuals resided in the household, the total household income was calculated by the sum of all reported family and/or individual income values. Please see above notes on variable INDFMIN2 for details on how the amounts of family income were determined.

When more than one family, or one or more unrelated individuals, or a combination of a family and unrelated individuals resided in the same household, they were asked to provide a total income estimate for the entire household, using similar questions as were used for family income. This estimated household income value was only used when: 1) the family income value was missing for one or more families in the household; and 2) the estimated value was equal or more than the sum of all known family incomes from the household. If different respondents in the household provided different estimates, the largest value was used. If none of the respondents provided a valid household income estimate, but the sum of known family and/or individual incomes was at least $100,000, then INDHHIN2 was categorized as "$100,000 and over."

Similar to the family income category coding, the "$20,000 and over" and "under $20,000" categories were only used when no other valid value estimates were provided.

DMDFMSIZ: This variable is the number of people in the participant's family. A family is defined as a group of people related by birth, marriage, or adoption and residing together. Due to disclosure concerns, families that are comprised of 7 or more people are included in the category that is labeled '7 or more'.

DMDHHSIZ: This variable is the number of people in the participant's household. The values for this variable range from 1 to 7. Due to disclosure concerns, households that are comprised of 7 or more people are included in the category that is labeled '7 or more'.

DMDHHSZA: This variable is the number of children aged 5 years or younger living in the participant's household. The values for this variable range from 0 to 3. Due to disclosure concerns, households that are comprised of 3 or more children aged 5 years or younger are included in the category that is labeled '3 or more'.

DMDHHSZB: This variable is the number of children aged 6-17 years old living in the participant's household. The values for this variable range from 0 to 4. Due to disclosure concerns, households that are comprised of 4 or more children aged 6-17 years are included in the category that is labeled '4 or more'.

DMDHHSZE: This variable is the number of adults aged 60 years or older living in the participant's household. The values for this variable range from 0 to 3. Due to disclosure concerns, households that are comprised of 3 or more adults aged 60 years or older are included in the category that is labeled '3 or more'.

Household Reference Person: The household reference person is defined as the first household member 18 years of age or older listed on the household member roster, who owns or rents the residence where members of the household reside. The household reference person is comparable to "family reference person" in NHANES programs prior to 1999. Analysts frequently use information about the reference persons to characterize the socioeconomic status of the households where survey participants reside. The demographics file includes information on the household reference person's gender (DMDHRGND), age (DMDHRAGE), country of birth (DMDHRBR4), education level (DMDHREDU), and marital status (DMDHRMAR). Additionally, information on the education level of the household reference person's spouse is included (DMDHSEDU).

Analytic Notes

As aforementioned, the sample design for NHANES 2011-16 includes an oversample of Asian Americans. For more details on sample design and related analytic issues, please refer to the NHANES Analytic Guidelines available at: https://wwwn.cdc.gov/nchs/nhanes

/analyticguidelines.aspx.

Age at screening: Age at screening was used to determine eligibility for an examination component and should be used for most analyses. However, when analyzing anthropometric data on children and youth from birth through 19 years, age in months at MEC examination was often the recommended age variable for analyses. To further facilitate these analyses, a variable, BMDBMIC, has been created as part of the Body Measures Exam file to provide analysts pre-computed BMI categories for children and adolescents aged 2 to 19 years at examination. For further details refer to the Body Measures Data File and Documentation.

DMDMARTL: Marital status is only released for persons 20 years of age and older because of potential disclosure risks. Prior to 2007, marital status was released for participants aged 14 and older. In NHANES 2015-2016, the number of married persons aged 14-19 is less than 2%.

RIDEXPRG: Because of possible disclosure risks, pregnancy status is only released for women aged 20-44 years. The percentage of pregnant women/girls aged 8-19 or 45-59 years is less than 1% in the 2015-2016 dataset.

Masked Variance Units (MVUs): Fifteen masked variance strata and 30 masked primary sampling units (PSUs) are included in the 2015-2016 NHANES demographics file. Each stratum has 2 PSUs. These MVUs are a collection of secondary sampling units that are aggregated into groups for the purpose of variance estimation. The variance estimates that are produced, using the MVUs, closely approximate the variances that would have been estimated using the "true" sample design variance units that are based on the actual survey sample strata and primary sampling units. MVUs are used to protect the confidentiality of information provided by survey participants and to reduce disclosure risks. The use of MVUs is described in the NHANES Analytic Guidelines. Analysts should review the Guidelines carefully prior to analyzing the survey data.

Sample Weights: The 2-year sample weights (WTINT2YR, WTMEC2YR) should be used for all NHANES 2015-2016 analyses. Detailed instructions for combining datasets from previous NHANES cycles are provided in the NHANES Analytic Guidelines.

Please also refer to the NHANES Analytic Guidelines and the on-line NHANES Tutorial for further details on the use of sample weights and other analytic issues.

Disclosure risks and issues pertaining to confidentiality protection prevent NCHS from releasing all of the NHANES demographic variables publicly. Additional information may be accessed through the NCHS RDC. Instructions for requesting use of these data are available from https://www.cdc.gov/rdc/.

References

- U.S. Department of Health & Human Services. Poverty Guidelines, Research, and Measurement. Washington, DC: U.S. Department of Health & Human Services. https://aspe.hhs.gov/prior-hhs-poverty-guidelines-and-federal-register-references

Codebook and Frequencies

SEQN - Respondent sequence number

Variable Name:	SEQN
SAS Label:	Respondent sequence number
English Text:	Respondent sequence number.
Target:	Both males and females 0 YEARS - 150 YEARS

SDDSRVYR - Data release cycle

Variable Name: SDDSRVYR

SAS Label: Data release cycle

English Text: Data release cycle

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
9	NHANES 2015-2016 public release	9971	9971	
.	Missing	0	9971	

RIDSTATR - Interview/Examination status

Variable Name: RIDSTATR

SAS Label: Interview/Examination status

English Text: Interview and examination status of the participant.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Interviewed only	427	427	
2	Both interviewed and MEC examined	9544	9971	
.	Missing	0	9971	

RIAGENDR - Gender

Variable Name: RIAGENDR

SAS Label: Gender

English Text: Gender of the participant.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Male	4892	4892	
2	Female	5079	9971	
.	Missing	0	9971	

RIDAGEYR - Age in years at screening

Variable Name: RIDAGEYR

SAS Label: Age in years at screening

English Text: Age in years of the participant at the time of screening. Individuals 80 and over are topcoded at 80 years of age.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 79	Range of Values	9595	9595	
80	80 years of age and over	376	9971	
.	Missing	0	9971	

RIDAGEMN - Age in months at screening - 0 to 24 mos

Variable Name:	RIDAGEMN
SAS Label:	Age in months at screening - 0 to 24 mos
English Text:	Age in months of the participant at the time of screening. Reported for persons aged 24 months or younger at the time of exam (or screening if not examined).
Target:	Both males and females 0 YEARS - 2 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 24	Range of Values	695	695	
.	Missing	9276	9971	

RIDRETH1 - Race/Hispanic origin

Variable Name: RIDRETH1

SAS Label: Race/Hispanic origin

English Text: Recode of reported race and Hispanic origin information

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Mexican American	1921	1921	
2	Other Hispanic	1308	3229	
3	Non-Hispanic White	3066	6295	
4	Non-Hispanic Black	2129	8424	
5	Other Race - Including Multi-Racial	1547	9971	
.	Missing	0	9971	

RIDRETH3 - Race/Hispanic origin w/ NH Asian

Variable Name: RIDRETH3

SAS Label: Race/Hispanic origin w/ NH Asian

English Text: Recode of reported race and Hispanic origin information, with Non-Hispanic Asian Category

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Mexican American	1921	1921	
2	Other Hispanic	1308	3229	
3	Non-Hispanic White	3066	6295	
4	Non-Hispanic Black	2129	8424	
6	Non-Hispanic Asian	1042	9466	
7	Other Race - Including Multi-Racial	505	9971	
.	Missing	0	9971	

RIDEXMON - Six month time period

Variable Name: RIDEXMON

SAS Label: Six month time period

English Text: Six month time period when the examination was performed - two categories: November 1 through April 30, May 1 through October 31.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	November 1 through April 30	4594	4594	
2	May 1 through October 31	4950	9544	
.	Missing	427	9971	

RIDEXAGM - Age in months at exam - 0 to 19 years

Variable Name: RIDEXAGM

SAS Label: Age in months at exam - 0 to 19 years

English Text: Age in months of the participant at the time of examination. Reported for persons aged 19 years or younger at the time of examination.

Target: Both males and females 0 YEARS - 19 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 239	Range of Values	4060	4060	
.	Missing	5911	9971	

DMQMILIZ - Served active duty in US Armed Forces

Variable Name:	DMQMILIZ
SAS Label:	Served active duty in US Armed Forces
English Text:	{Have you/Has SP} ever served on active duty in the U.S. Armed Forces, military Reserves, or National Guard? (Active duty does not include training for the Reserves or National Guard, but does include activation, for service in the U.S. or in a foreign country, in support of military or humanitarian operations.)
Target:	Both males and females 17 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	527	527	
2	No	5622	6149	DMDBORN4
7	Refused	0	6149	DMDBORN4
9	Don't Know	0	6149	DMDBORN4
.	Missing	3822	9971	

DMQADFC - Served in a foreign country

Variable Name:	DMQADFC
SAS Label:	Served in a foreign country
English Text:	Did {you/SP} ever serve in a foreign country during a time of armed conflict or on a humanitarian or peace-keeping mission? (This would include National Guard or reserve or active duty monitoring or conducting peace keeping operations in Bosnia and Kosovo, in the Sinai between Egypt and Israel, or in response to the 2004 tsunami or Haiti in 2010.)
Target:	Both males and females 17 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	258	258	
2	No	267	525	
7	Refused	2	527	
9	Don't Know	0	527	
.	Missing	9444	9971	

DMDBORN4 - Country of birth

Variable Name: DMDBORN4

SAS Label: Country of birth

English Text: In what country {were you/was SP} born?

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Born in 50 US states or Washington, DC	7733	7733	
2	Others	2236	9969	
77	Refused	0	9969	
99	Don't Know	2	9971	
.	Missing	0	9971	

DMDCITZN - Citizenship status

Variable Name:	DMDCITZN
SAS Label:	Citizenship status
English Text:	{Are you/Is SP} a citizen of the United States? [Information about citizenship is being collected by the U.S. Public Health Service to perform health related research. Providing this information is voluntary and is collected under the authority of the Public Health Service Act. There will be no effect on pending immigration or citizenship petitions.]
English Instructions:	HAND CARD DMQ2
Target:	Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Citizen by birth or naturalization	8785	8785	
2	Not a citizen of the US	1168	9953	
7	Refused	9	9962	
9	Don't Know	7	9969	
.	Missing	2	9971	

DMDYRSUS - Length of time in US

Variable Name: DMDYRSUS

SAS Label: Length of time in US

English Text: Length of time the participant has been in the US.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less than 1 year	111	111	
2	1 year or more, but less than 5 years	273	384	
3	5 year or more, but less than 10 years	269	653	
4	10 year or more, but less than 15 years	285	938	
5	15 year or more, but less than 20 years	241	1179	
6	20 year or more, but less than 30 years	384	1563	
7	30 year or more, but less than 40 years	281	1844	
8	40 year or more, but less than 50 years	161	2005	
9	50 years or more	130	2135	
77	Refused	44	2179	
99	Don't Know	57	2236	
.	Missing	7735	9971	

DMDEDUC3 - Education level - Children/Youth 6-19

Variable Name: DMDEDUC3

SAS Label: Education level - Children/Youth 6-19

English Text: What is the highest grade or level of school {you have/SP has} completed or the highest degree {you have/s/he has} received?

English Instructions: HAND CARD DMQ1 READ HAND CARD CATEGORIES IF NECESSARY ENTER HIGHEST LEVEL OF SCHOOL

Target: Both males and females 6 YEARS - 19 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Never attended / kindergarten only	239	239	
1	1st grade	252	491	
2	2nd grade	237	728	
3	3rd grade	220	948	
4	4th grade	217	1165	
5	5th grade	205	1370	
6	6th grade	180	1550	
7	7th grade	179	1729	
8	8th grade	210	1939	
9	9th grade	159	2098	
10	10th grade	160	2258	
11	11th grade	153	2411	
12	12th grade, no diploma	34	2445	
13	High school graduate	124	2569	
14	GED or equivalent	7	2576	
15	More than high school	58	2634	
55	Less than 5th grade	3	2637	
66	Less than 9th grade	9	2646	
77	Refused	0	2646	
99	Don't Know	1	2647	
.	Missing	7324	9971	

DMDEDUC2 - Education level - Adults 20+

Variable Name:	DMDEDUC2
SAS Label:	Education level - Adults 20+
English Text:	What is the highest grade or level of school {you have/SP has} completed or the highest degree {you have/s/he has} received?
English Instructions:	HAND CARD DMQ1 READ HAND CARD CATEGORIES IF NECESSARY ENTER HIGHEST LEVEL OF SCHOOL
Target:	Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less than 9th grade	688	688	
2	9-11th grade (Includes 12th grade with no diploma)	676	1364	
3	High school graduate/GED or equivalent	1236	2600	
4	Some college or AA degree	1692	4292	
5	College graduate or above	1422	5714	
7	Refused	0	5714	
9	Don't Know	5	5719	
.	Missing	4252	9971	

DMDMARTL - Marital status

Variable Name: DMDMARTL

SAS Label: Marital status

English Text: Marital status

Target: Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Married	2886	2886	
2	Widowed	421	3307	
3	Divorced	614	3921	
4	Separated	192	4113	
5	Never married	1048	5161	
6	Living with partner	555	5716	
77	Refused	2	5718	
99	Don't Know	1	5719	
.	Missing	4252	9971	

RIDEXPRG - Pregnancy status at exam

remove ones who were pregnant

Variable Name:	RIDEXPRG

SAS Label: Pregnancy status at exam

English Text: Pregnancy status for females between 20 and 44 years of age at the time of MEC exam.

Target: Females only 20 YEARS - 44 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes, positive lab pregnancy test or self-reported pregnant at exam	70	70	
2	The participant was not pregnant at exam	1125	1195	
3	Cannot ascertain if the participant is pregnant at exam	93	1288	
.	Missing	8683	9971	

SIALANG - Language of SP Interview

Variable Name: SIALANG

SAS Label: Language of SP Interview

English Text: Language of the Sample Person Interview Instrument

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	English	8584	8584	
2	Spanish	1387	9971	
.	Missing	0	9971	

SIAPROXY - Proxy used in SP Interview?

Variable Name: SIAPROXY

SAS Label: Proxy used in SP Interview?

English Text: Was a Proxy respondent used in conducting the Sample Person (SP) interview?

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	3689	3689	
2	No	6281	9970	
.	Missing	1	9971	

SIAINTRP - Interpreter used in SP Interview?

Variable Name: SIAINTRP

SAS Label: Interpreter used in SP Interview?

English Text: Was an interpreter used to conduct the Sample Person (SP)
                            interview?

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	457	457	
2	No	9514	9971	
.	Missing	0	9971	

FIALANG - Language of Family Interview

Variable Name: FIALANG

SAS Label: Language of Family Interview

English Text: Language of the Family Interview Instrument

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	English	8430	8430	
2	Spanish	1212	9642	
.	Missing	329	9971	

FIAPROXY - Proxy used in Family Interview?

Variable Name: FIAPROXY

SAS Label: Proxy used in Family Interview?

English Text: Was a Proxy respondent used in conducting the Family Interview?

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	9	9	
2	No	9633	9642	
.	Missing	329	9971	

FIAINTRP - Interpreter used in Family Interview?

Variable Name: FIAINTRP

SAS Label: Interpreter used in Family Interview?

English Text: Was an interpreter used to conduct the Family interview?

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	405	405	
2	No	9237	9642	
.	Missing	329	9971	

MIALANG - Language of MEC Interview

Variable Name: MIALANG

SAS Label: Language of MEC Interview

English Text: Language of the MEC CAPI Interview Instrument

Target: Both males and females 8 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	English	6382	6382	
2	Spanish	595	6977	
.	Missing	2994	9971	

MIAPROXY - Proxy used in MEC Interview?

Variable Name:	MIAPROXY
SAS Label:	Proxy used in MEC Interview?
English Text:	Was a Proxy respondent used in conducting the MEC CAPI Interview?
Target:	Both males and females 8 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	57	57	
2	No	6921	6978	
.	Missing	2993	9971	

MIAINTRP - Interpreter used in MEC Interview?

Variable Name: MIAINTRP

SAS Label: Interpreter used in MEC Interview?

English Text: Was an interpreter used to conduct the MEC CAPI interview?

Target: Both males and females 8 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	346	346	
2	No	6632	6978	
.	Missing	2993	9971	

AIALANGA - Language of ACASI Interview

Variable Name: AIALANGA

SAS Label: Language of ACASI Interview

English Text: Language of the MEC ACASI Interview Instrument

Target: Both males and females 8 YEARS - 69 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	English	5218	5218	
2	Spanish	638	5856	
3	Asian languages	106	5962	
.	Missing	4009	9971	

DMDHHSIZ - Total number of people in the Household

Variable Name: DMDHHSIZ

SAS Label: Total number of people in the Household

English Text: Total number of people in the Household

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	1	828	828	
2	2	1723	2551	
3	3	1719	4270	
4	4	2061	6331	
5	5	1672	8003	
6	6	994	8997	
7	7 or more people in the Household	974	9971	
.	Missing	0	9971	

DMDFMSIZ - Total number of people in the Family

Variable Name: DMDFMSIZ

SAS Label: Total number of people in the Family

English Text: Total number of people in the Family

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	1	1305	1305	
2	2	1510	2815	
3	3	1634	4449	
4	4	2011	6460	
5	5	1635	8095	
6	6	961	9056	
7	7 or more people in the Family	915	9971	
.	Missing	0	9971	

DMDHHSZA - # of children 5 years or younger in HH

Variable Name: DMDHHSZA

SAS Label: # of children 5 years or younger in HH

English Text: Number of children aged 5 years or younger in the household

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	0	6298	6298	
1	1	2147	8445	
2	2	1199	9644	
3	3 or more	327	9971	
.	Missing	0	9971	

DMDHHSZB - # of children 6-17 years old in HH

Variable Name: DMDHHSZB

SAS Label: # of children 6-17 years old in HH

English Text: Number of children aged 6-17 years old in the household

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	0	4715	4715	
1	1	1990	6705	
2	2	1833	8538	
3	3	822	9360	
4	4 or more	611	9971	
.	Missing	0	9971	

DMDHHSZE - # of adults 60 years or older in HH

Variable Name: DMDHHSZE

SAS Label: # of adults 60 years or older in HH

English Text: Number of adults aged 60 years or older in the household

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	0	7151	7151	
1	1	1663	8814	
2	2	1099	9913	
3	3 or more	58	9971	
.	Missing	0	9971	

DMDHRGND - HH ref person's gender

Variable Name: DMDHRGND

SAS Label: HH ref person's gender

English Text: HH reference person's gender

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Male	5053	5053	
2	Female	4918	9971	
.	Missing	0	9971	

DMDHRAGE - HH ref person's age in years

Variable Name: DMDHRAGE

SAS Label: HH ref person's age in years

English Text: HH reference person's age in years

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
18 to 79	Range of Values	9579	9579	
80	80 years of age and over	392	9971	
.	Missing	0	9971	

DMDHRBR4 - HH ref person's country of birth

Variable Name: DMDHRBR4

SAS Label: HH ref person's country of birth

English Text: HH reference person's country of birth

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Born in 50 US states or Washington, DC	6359	6359	
2	Others	3207	9566	
77	Refused	5	9571	
99	Don't Know	4	9575	
.	Missing	396	9971	

DMDHREDU - HH ref person's education level

Variable Name: DMDHREDU

SAS Label: HH ref person's education level

English Text: HH reference person's education level

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less Than 9th Grade	1087	1087	
2	9-11th Grade (Includes 12th grade with no diploma)	1200	2287	
3	High School Grad/GED or Equivalent	2015	4302	
4	Some College or AA degree	2908	7210	
5	College Graduate or above	2331	9541	
7	Refused	0	9541	
9	Don't Know	34	9575	
.	Missing	396	9971	

DMDHRMAR - HH ref person's marital status

Variable Name: DMDHRMAR

SAS Label: HH ref person's marital status

English Text: HH reference person's marital status

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Married	5681	5681	
2	Widowed	524	6205	
3	Divorced	977	7182	
4	Separated	353	7535	
5	Never married	1305	8840	
6	Living with partner	1017	9857	
77	Refused	44	9901	
99	Don't Know	8	9909	
.	Missing	62	9971	

DMDHSEDU - HH ref person's spouse's education level

Variable Name: DMDHSEDU

SAS Label: HH ref person's spouse's education level

English Text: HH reference person's spouse's education level

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less Than 9th Grade	619	619	
2	9-11th Grade (Includes 12th grade with no diploma)	511	1130	
3	High School Grad/GED or Equivalent	980	2110	
4	Some College or AA degree	1462	3572	
5	College Graduate or above	1629	5201	
7	Refused	2	5203	
9	Don't Know	23	5226	
.	Missing	4745	9971	

WTINT2YR - Full sample 2 year interview weight

Variable Name: WTINT2YR

SAS Label: Full sample 2 year interview weight

English Text: Full sample 2 year interview weight.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
3293.928267 to 233755.84185	Range of Values	9971	9971	
.	Missing	0	9971	

WTMEC2YR - Full sample 2 year MEC exam weight

Variable Name: WTMEC2YR

SAS Label: Full sample 2 year MEC exam weight

English Text: Full sample 2 year MEC exam weight.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
3419.259085 to 242386.66077	Range of Values	9544	9544	
0	Not MEC Examined	427	9971	
.	Missing	0	9971	

SDMVPSU - Masked variance pseudo-PSU

Variable Name: SDMVPSU

SAS Label: Masked variance pseudo-PSU

English Text: Masked variance unit pseudo-PSU variable for variance estimation

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 2	Range of Values	9971	9971	
.	Missing	0	9971	

SDMVSTRA - Masked variance pseudo-stratum

Variable Name: SDMVSTRA

SAS Label: Masked variance pseudo-stratum

English Text: Masked variance unit pseudo-stratum variable for variance estimation

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
119 to 133	Range of Values	9971	9971	
.	Missing	0	9971	

INDHHIN2 - Annual household income

Variable Name: INDHHIN2

SAS Label: Annual household income

English Text: Total household income (reported as a range value in dollars)

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	$ 0 to $ 4,999	250	250	
2	$ 5,000 to $ 9,999	373	623	
3	$10,000 to $14,999	537	1160	
4	$15,000 to $19,999	600	1760	
5	$20,000 to $24,999	627	2387	
6	$25,000 to $34,999	1017	3404	
7	$35,000 to $44,999	960	4364	
8	$45,000 to $54,999	789	5153	
9	$55,000 to $64,999	629	5782	
10	$65,000 to $74,999	498	6280	
12	$20,000 and Over	292	6572	
13	Under $20,000	146	6718	
14	$75,000 to $99,999	920	7638	
15	$100,000 and Over	1634	9272	
77	Refused	220	9492	
99	Don't know	134	9626	
.	Missing	345	9971	

INDFMIN2 - Annual family income

Variable Name: INDFMIN2

SAS Label: Annual family income

English Text: Total family income (reported as a range value in dollars)

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	$ 0 to $ 4,999	345	345	
2	$ 5,000 to $ 9,999	426	771	
3	$10,000 to $14,999	584	1355	
4	$15,000 to $19,999	618	1973	
5	$20,000 to $24,999	646	2619	
6	$25,000 to $34,999	1038	3657	
7	$35,000 to $44,999	934	4591	
8	$45,000 to $54,999	801	5392	
9	$55,000 to $64,999	620	6012	
10	$65,000 to $74,999	474	6486	
12	$20,000 and Over	221	6707	
13	Under $20,000	148	6855	
14	$75,000 to $99,999	885	7740	
15	$100,000 and Over	1548	9288	
77	Refused	222	9510	
99	Don't know	132	9642	
.	Missing	329	9971	

INDFMPIR - Ratio of family income to poverty

Variable Name: INDFMPIR

SAS Label: Ratio of family income to poverty

English Text: A ratio of family income to poverty guidelines.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 4.99	Range of Values	7699	7699	
5	Value greater than or equal to 5.00	1220	8919	
.	Missing	1052	9971	